2024 Annual Groundwater Monitoring Report

Columbia Fuel Fabrication Facility
Hopkins, Richland County, South Carolina

Westinghouse Electric Company, LLC

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Prepared by



Jeremy Grant
Remediation Services Lead
jeremy.grant@aecom.com
803.422.2910

Checked by



Chuck Suddeth, PG
Senior Hydrogeologist
charles.suddeth@aecom.com
803.530.2931

Prepared for:

Westinghouse Electric Company, LLC
5801 Bluff Road
Hopkins, SC 29061

Prepared by:

Jeremy Grant
Remediation Services Lead
T: 1-803-740-1604
M: 1-803-422-2910
E: jeremy.grant@aecom.com

AECOM
2151 Pickens Street, Suite 301
Columbia, SC 29201
aecom.com

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Acronyms

AECOM	AECOM Technical Services, Inc.
AOC	Area of Concern
CA	Consent Agreement
CFFF	Columbia Fuel Fabrication Facility
cis-1,2 DCE	cis-1,2-dichloroethene
COPC	constituent(s) of potential concern
CVOC	chlorinated volatile organic compound
DES	South Carolina Department of Environmental Services
EPA	United States Environmental Protection Agency
µg/L	micrograms per liter
MCL	maximum contaminant level
MDC	minimum detectible concentration
mg/L	milligram per liter
MSL	mean sea level
NPDES	National Pollution Discharge Elimination System
OU	Operational Unit
PCE	tetrachloroethylene
pCi/L	picocuries per liter
RI	remedial investigation
SCRDI	SCRDI Bluff Road
Tc-99	Technetium-99
TCE	trichloroethylene
U	uranium
VC	vinyl chloride
Westinghouse	Westinghouse Electric Company, LLC
WL I	West Lagoon I
WL II	West Lagoon II
WWTP	wastewater treatment plant

1. Introduction

Westinghouse Electric Company, LLC (Westinghouse) Columbia Fuel Fabrication Facility (CFFF) is located at 5801 Bluff Road (site or property) in Hopkins, approximately 15 miles southeast of Columbia, South Carolina (**Figure 1**). The site includes approximately 1,151 acres, with the developed area encompassing approximately 75 acres centrally located on the site, thereby creating substantial buffers from adjoining properties. The property is surrounded by rural forested and agricultural property. CFFF was opened in 1969 and manufactures fuel assemblies and components for the commercial nuclear power industry. Site features are shown on **Figure 2**, the wastewater permitted areas are shown on **Figure 3**, and monitoring well locations are displayed on **Figure 4**.

On February 26, 2019, the South Carolina Department of Environmental Services (DES, formerly known as DHEC) and CFFF entered into Consent Agreement (CA) 19-02-HW to comprehensively assess potential environmental impacts from current and historical operations, including additional assessment of known impacts. The CA requires further assessment and potential remediation of known constituents of potential concern (COPC) and assessment of additional areas where releases may have occurred.

Remedial investigation (RI) work was conducted by AECOM Technical Services, Inc. (AECOM) from June 2019 through October 2022 to assess the source, nature, and extent of impacts from CFFF operations. This work resulted in the installation of 57 additional surficial aquifer monitoring wells (W-69 through W-126), one replacement monitoring well W-4R, and one piezometer (PZ-1). The source, nature and extent of these impacts were well defined by the RI, remain well within the facility property boundary and are anticipated to remain within the property boundary for the foreseeable future. No additional or ongoing releases were identified during the RI. The *Final Remedial Investigation Report* was submitted to DES on February 28, 2023 (AECOM, 2023) and was approved by DES on March 23, 2023.

In addition to the comprehensive RI assessment completed since 2019, Westinghouse would like to highlight the numerous environmental risk reduction and improvement activities it has undertaken over the past several years. For example, Westinghouse has:

- Eliminated a nickel plating operation;
- Eliminated use of tetrachloroethylene (PCE) and replaced it with a non-hazardous material;
- Completed a Technetium-99 (Tc-99) source investigation study (Leidos, 2020) which determined current site operations do not have the potential to introduce quantities of Tc-99 above its maximum contaminant level (MCL) into the environment;
- Re-designed the HF Spiking Stations;
- Installed a sentinel groundwater monitoring well network in the Chemical Area Operational Unit (OU);
- Removed the intermodal storage containers with radiological materials from the Southern Storage Area and remediated soils impacted above residential screening levels beneath the containers;
- Eliminated sources of potential storm water contamination by removing out of service equipment on the manufacturing building roof;
- Removed the East Lagoon from service, excavated and properly disposed of lagoon materials, and restored the former lagoon footprint to a vegetated surface;
- Listened to external and local stakeholder input to re-focus site community outreach and engagement initiatives;
- Completed a cultural resource survey, approved by the South Carolina Historic Preservation Office, which determined there are no significant historic or cultural resources at the site;
- Implemented an underground piping integrity program;
- Completed seismic upgrades to its uranyl nitrate bulk storage tanks;
- Completed Sanitary Lagoon sludge characterization activities as preparation for future lagoon closure;

- Completed comprehensive assessment of all site wastewater to support system upgrades needed to close the Sanitary Lagoon;
- Implemented an electronic database system to streamline and improve the collection, analysis, trending and reporting of the extensive environmental data taken at the site;
- Continued implementation of the CA with DES and submitted a work plan for bench-scale and pilot study testing in support of the ongoing Feasibility Study.

DES also conducted an assessment of potential CFFF impacts to fish in the Congaree River. DES's *Uranium and Fluoride in Fish from the Congaree River Technical Report No. 007-2020* dated May 2020 concluded:

> "Overall, within the context of the point in time of sample collection, target species and analytical methods, no signal for uranium from the Westinghouse Nuclear Fuels (WNF) facility was discerned. A slight, apparent signal for fluoride was observed from the WNF facility but it was not overall statistically significant from the other locations. The target species, as indicated by the noted limitations, were indicated to be healthy from an ecological viewpoint and safe for human consumption from a public health protection viewpoint."

CFFF also performs routine environmental monitoring of gaseous and liquid effluents, surface water, groundwater, sediment, soil, vegetation and Congaree River fish tissue in addition to the activities being performed under the CA.

The focus of this report is groundwater sampling completed during April 2024 and October 2024 to meet the ongoing groundwater monitoring requirements of the National Pollution Discharge Elimination System (NPDES) Permit SC0001848 and the CA between DES and CFFF. Details regarding the groundwater sample collection and QA\QC procedures are contained within the AECOM *Final Remedial Investigation Work Plan* dated June 2019 (AECOM, 2019a).

This report provides an overview of the site (**Section 1**), describes the sampling activities (**Section 2**), and presents the groundwater analytical results (**Section 3**). Analysis of groundwater plume trends and statistics are discussed in **Section 4**. Conclusions and recommendations based on the results are discussed in **Section 5**. Cited references are provided in **Section 6**.

1.1 Site Location and Physical Setting

Figures 1 through 4 illustrate the site features discussed below. The primary plant building is located approximately 2,700 feet southwest of Bluff Road on the northern portion of the property. The wastewater treatment plant (WWTP) is located near the southwest corner of the plant building. Wastewater is transported by underground conveyances from the plant building along its southern and western sides to sumps in the northern portion of the WWTP. Additional underground conveyances are located along the southern end of the Sanitary Lagoon and between the North and South Lagoons. Except for the underground conveyances above, the remaining wastewater conveyances are above ground. Treated wastewater is piped to the Congaree River where it is discharged under NPDES permit SC0001848 from a diffuser located along the bottom of the river at a location approximately 3 miles south of the developed portion of the property.

The SCRDI Bluff Road site (formerly known as South Carolina Recycling and Disposal, Inc.) is located across Bluff Road from the northern property boundary. According to information on the internet (Justia US Law – law.justia.com, 2017), hazardous waste storage began on this property in late-1973 or early-1974, and operations ceased in 1982. This property was placed on the United States Environmental Protection Agency's (EPA) Superfund program's National Priority List in 1983. Releases at SCRDI are not known to have impacted CFFF.

The developed area of the property is approximately 130-140 feet above mean sea level (MSL). Elevations drop to approximately 110 feet above MSL immediately south of the plant/WWTP area, on the Congaree River floodplain and Mill Creek, a tributary of the Congaree River. The change in elevation occurs abruptly along a bluff that defines the southern edge of the developed portion of the property.

The Gator Pond is a manmade pond constructed prior to CFFF's development of the site. It is located approximately 500 feet southwest of the WWTP within a step-down area of the bluff (**Figures 2 and 4**). The pond does not have a constructed spillway and is fed by a combination of groundwater and precipitation. Water discharges from the pond through groundwater seepage or overland flow during periods of high precipitation.

Upper and Lower Sunset Lakes are located west and south of the Gator Pond and approximately 900 feet southwest of the WWTP (**Figures 2 and 4**). The Sunset Lakes are located within a natural oxbow of Mill Creek. A manmade dam approximately 1,700 feet south of the WWTP backs up water in Mill Creek, creating Lower Sunset Lake. A second manmade dam cuts across Mill Creek approximately 1,000 feet southwest of the WWTP, creating Upper Sunset Lake. The majority of the Mill Creek flow is diverted away from Sunset Lakes via the man-made canal (**Figure 2**) along the southern property boundary. A silty clay lines the bottom of Mill Creek, including Sunset Lakes, which inhibits the interaction of groundwater and surface water.

The southern portion of the property, including the Gator Pond, Mill Creek, and the Sunset Lakes are located within the floodplain of the Congaree River. Surface drainage at the site flows into several stormwater ditches across the property and surrounding areas. These ditches flow into Upper Sunset Lake.

1.2 Site Operational Background

The main manufacturing activity is the fabrication of low-enriched uranium (U) fuel assemblies and components for the commercial nuclear power industry. The manufacturing process generates multiple wastewater streams which are treated by various physical/chemical/biological processes including WWTP lagoons prior to discharge to the Congaree River under a NPDES permit issued by DES.

The current WWTP contains five lagoons: North Lagoon, South Lagoon, West Lagoon I (WL I), West Lagoon II (WL II), and the Sanitary Lagoon. The North, South, WL I, and Sanitary Lagoons were constructed when the facility was built in the late1960s. WL II was added to the WWTP in 1977. The former East Lagoon was part of the original WWTP, was removed from use in 2020, and closure of this lagoon was achieved in 2021 in accordance with the DES approved East Lagoon Closure Plan (GEL, 2020).

Except for the Sanitary Lagoon, these lagoons are lined with an 80-mil textured geomembrane HDPE liner. The Sanitary Lagoon is lined with compacted clay. The lagoons are visually inspected annually for stability and liner integrity by a South Carolina registered professional engineer. The inspection results are compiled into a report and maintained in site records along with any maintenance activities undertaken to repair or maintain the lagoons.

Releases of COPCs have occurred from the wastewater treatment system and manufacturing operations. Specifically, fluoride and nitrate appear to have been released into the environment by the historical operations of the WWTP based upon the current extent of groundwater impact as documented in the *Final Remedial Investigation Report* (AECOM, 2023). Additionally, as described in the RI report, releases have occurred in the Chemical Area Operable Unit, including from the Contaminated Wastewater System. CFFF instituted an underground piping integrity program in 2018 to perform periodic inspections, maintenance and life cycle management of its underground piping.

Per Part II Section L #6 of the NPDES permit, Westinghouse reported two maintenance issues in 2024 through its discharge monitoring reports. During January 2024 piping integrity inspections, damaged fittings on drain lines containing very low concentrations of U from the shower system were identified underneath the main manufacturing building. DES was notified, and repairs were made. In May 2024, a toilet in the women's restroom that is accessed from the main manufacturing building was not functioning correctly, and an underground piping issue was identified. DES was notified, and repairs were completed to the underground pipe.

Additionally, investigation of the increasing U trend in sentinel monitoring well W-56 continued. On September 9, 2024, a breech was confirmed in a closed loop cooling tower return line beneath the Solvent Extraction Area. This breech allowed cooling water to leak into the subsurface in an area where soil is known to have been historically impacted with U. This area is monitored by sentinel wells, including W-56. Upon discovery, the compromised section was isolated, and repairs were completed. CFFF will continue quarterly sampling until the trend ceases.

CFFF has assessed known releases, installed an extensive groundwater monitoring network (beginning in the early 1980s) and initiated various remediation efforts in response to the historic events. Additional comprehensive site assessment of groundwater, surface water, sediment and soils has also been completed from 2019 – 2022 under the

CA. These assessment activities, documented in a *Final Remedial Investigation Report* (AECOM, 2023) approved by DES, have concluded that environmental impacts from historical operations are largely confined to the immediate plant area and there are no offsite impacts.

1.3 Facility Operational Units

The facility has been divided into eight OUs illustrated on **Figure 5** in recognition of the different types of site activities and potential sources of impact. The OUs are identified as the Northern Storage Area, Mechanical Area of the plant building, Chemical Area of the plant building, West Lagoons Area, Wastewater Treatment Area, Sanitary Lagoon Area, Southern Storage Area and Western Storage Area. One area of concern (AOC), the "Western Groundwater AOC," was previously identified; however, work conducted during the RI concluded the groundwater impact in this area is part of the main chlorinated volatile organic compound (CVOC) plume. These OUs and the AOC were described in detail in the *Final Remedial Investigation Work Plan* dated June 2019 (AECOM, 2019a).

1.4 Geology and Hydrogeology

The CFFF is located in the Upper Coastal Plain physiographic province of South Carolina and is underlain by three hydrogeologic units: the surficial aquifer, Black Creek Aquifer, and Middendorf Aquifer.

Groundwater in the surficial aquifer occurs under unconfined (water table) conditions and generally flows from areas of higher topography in the vicinity of the plant building towards areas of lower topography in the floodplain of the Congaree River along Mill Creek. Although the river terrace sediment above and below the bluff were deposited during different time periods according to the Geologic Map of the Fort Jackson South Quadrangle (South Carolina Department of Natural Resources, 2011), the deposits are of similar lithology and are hydraulically connected based on data collected during the RI.

Surficial aquifer sediments generally occur to a depth of 30 to 40 feet below land surface, both above and below the bluff, and consist of clay, silt or silty sand at the surface coarsening downward to coarse sand and gravel on top of the Black Creek confining clay. Silt and clay lenses and lower permeability silty or clayey sands occur at varying depths with the coarsening downward sands of the surficial aquifer. One notable surficial aquifer total thickness anomaly was discovered during Phase I of the RI near the location of paired monitoring wells W-95 and W-111 (**Figure 4**) where there is over 80 feet of sediment above the Black Creek confining clay. Further assessment of this anomaly was performed during Phase II of the RI and indicated that the incisement into the Black Creek confining clay is localized to this area.

The elevation of the top of the Black Creek confining clay is undulating but is generally highest west of the plant building in the developed portion of the property and decreases radially in all directions with the lowest elevations being within the floodplain.

Groundwater monitoring wells were installed at differing depths to assess COPC migration within the surficial aquifer. Monitoring wells installed near the top or in the central portion of the surficial aquifer are designated as surficial aquifer - upper zone monitoring wells, whereas wells installed on top of or within 5 feet of the Black Creek confining clay are designated as surficial aquifer - lower zone monitoring wells. One exception to the criteria above is monitoring well W-95. This well is designated as a surficial aquifer – lower zone monitoring well because CVOCs migrating within the lower zone of the surficial aquifer are detected in groundwater from it and the Black Creek Formation is anomalously deep at this location.

There is a dynamic relationship between surface water in the ditches that transect the site above the bluff and groundwater in the upper zone of the surficial aquifer. The ditches continually or intermittently receive discharge of groundwater from the upper zone of the surficial aquifer depending on the elevation of the water table. The northern portions of the ditches are above the elevation of the seasonal high water table and thus the ditches at these locations are often dry. Runoff from precipitation that enters the dry portions of the ditches may infiltrate to the water table, temporarily recharging the surficial aquifer. Wetlands along the northern side of Bluff Road are also a source of surface water in the northern portion of the Eastern Ditch during high precipitation months. The southern portions of the ditches, where the ditches are deeply incised, are below the water table and groundwater discharges to these portions of the ditches throughout the year. Middle portions of the ditches may recharge the shallow aquifer during low water table conditions and may receive groundwater discharge during high water table conditions. Discharge of

groundwater to the deeply incised portions of the ditches appears to influence groundwater flow and COPC migration within the upper zone of the surficial aquifer.

The predominant direction of groundwater flow in the surficial aquifer is to the southwest with components of flow to the south, southeast, west, and, to a lesser extent, the north. The lower zone of the surficial aquifer near WL II acts as a hydraulic barrier to groundwater flow due to low hydraulic conductivity and a north-south trending ridge in the Black Creek confining clay that inhibits groundwater flow in westerly direction as shown on **Figures 8 and 9**. These factors combined result in groundwater flow and COPC migration in the surficial aquifer in this area to be both northerly and southerly.

The Gator Pond also influences COPC migration as evidenced by COPC impacts in surficial aquifer groundwater migrating in a more easterly or westerly direction in the vicinity of the Gator Pond. This surface water body has a nearly constant elevation which creates a “groundwater mound” that deflects COPC migration to the east and west. Groundwater only discharges to the northeastern portion of the Gator Pond. Lower Sunset Lake also deflects groundwater but to a lesser extent than the Gator Pond because the low permeability clayey silt lining its bottom limits the amount of surface water seeping into the water table thereby creating a smaller “groundwater mound”.

The surficial aquifer is underlain by a confining unit composed of dry silt/clay and brittle shale of the upper Black Creek Formation. Previous well installations (W-3A, W-49 and W-50) and installation of monitoring well W-71 during Phase I of the RI (2019) indicate that the Black Creek confining clay ranges in thickness from 39 to 83 feet. Beneath the clay confining unit is a sand aquifer within the lower Black Creek Formation known as the Black Creek Aquifer. Groundwater flow in the Black Creek Aquifer is inferred to the southwest based upon groundwater elevations from the four monitoring wells that are screened within this aquifer.

The Middendorf Formation occurs below the Black Creek Formation. Sediments of the Middendorf Formation generally consist of multi-colored clay interbedded with fine to coarse grained sand. Subsurface investigations at CFFF have not extended into the Middendorf aquifer since there is no potential that it has been impacted. The Middendorf aquifer is unconformably underlain by bedrock.

Hydraulic characterization by AECOM Technical Services, Inc. (AECOM) estimated the average linear flow velocity in the surficial aquifer to be 0.41 feet per day or 150 feet per year (AECOM, 2023). Low moisture content and vertical hydraulic conductivities of less than 10^{-7} centimeters per second (S&ME, 1982) within the 39 to 83 foot thickness of the Black Creek confining clay preclude migration of groundwater between the surficial aquifer and the Black Creek Aquifer which in turn precludes potential migration to the Middendorf Aquifer.

2. Groundwater Monitoring

The current monitoring well network consists of 118 wells which are displayed on **Figure 4**. Construction details of the wells are summarized on **Table 1**. Semiannual sampling activities for 2024 were completed during April 2024 and October 2024 by AECOM and CFFF personnel. Monitoring activities were conducted in accordance with the requirements of the site's NPDES permit and by the procedures described in the *Final Remedial Investigation Work Plan* (AECOM, 2019a).

The depth to water in the monitoring wells was measured using electronic water level meters on April 1, 2024 and October 21, 2024. Water level gauging during the October 2024 sampling campaign was delayed until near the end of the campaign due to the flood plain of the Congaree River being flooded from September 28, 2024 through October 7, 2024 as a result of Hurricane Helene. The water levels were converted to elevations and used to create potentiometric maps (**Figures 6-11**) of the aquifer zones discussed in **Section 3.1** below.

The monitoring wells were purged by low flow methodology using a peristaltic pump and water levels were monitored during purging. Groundwater quality indicator parameters of pH, specific conductance, dissolved oxygen, oxidation reduction potential, turbidity, and temperature were monitored during the groundwater purging process and recorded on the Groundwater Sampling Logs, which are included in **Appendix A**. AECOM and CFFF personnel used iPads and In-Situ's Aqua TROLL 600s equipped with Bluetooth technology to electronically collect water quality parameters. Groundwater samples were collected once the parameters had stabilized in accordance with the low-flow sampling procedure in the *Final Remedial Investigation Work Plan* (AECOM, 2019a).

Upon collection, groundwater samples were labeled, preserved on ice, and kept under chain-of-custody protocol until received at the analytical laboratory. The groundwater samples were analyzed by one of the following DES certified laboratories: 1) Pace Analytical Services, LLC (formerly known as Shealy Environmental Services, Inc.) and 2) GEL Laboratories, LLC as appropriate for the following analyses:

- Volatile organic compounds by EPA Method 8260D;
- Nitrate by EPA Method 353.2;
- Fluoride by EPA Method 9056A;
- Isotopic U by DOE EML HASL-300 (U-02-RC Modified);
- Isotopic U by EPA Method 200.8/200.2;
- Tc-99 via DOE EML HASL-300 (Tc-02-RC Modified); and
- Bis(2-ethylhexyl) phthalate, naphthalene, and tributyl phosphate by EPA Method 8270E.

Laboratory analytical reports and chain-of-custody forms are included in **Appendix B**.

3. Results

The following sections summarize the results of the groundwater monitoring performed in April 2024 and October 2024.

3.1 Groundwater Flow

The water level measurements on April 1, 2024 and October 21, 2024 were converted to water level elevations using existing monitoring well top-of-casing elevation data and are summarized in **Table 2**. The water level elevations from monitoring wells screened in the upper zone of the surficial aquifer, in the lower zone of the surficial aquifer, and in the Black Creek Aquifer were used to prepare the potentiometric maps for the surficial aquifer and Black Creek Aquifer for the April 2024 and October 2024 monitoring periods (**Figures 6 through 11**).

3.1.1 Surficial Aquifer

Based on the surficial aquifer potentiometric maps for April 1, 2024 and October 21, 2024, groundwater flow in the unconfined upper zone of the surficial aquifer (**Figures 6 and 7**, respectively) and lower zone of the surficial aquifer (**Figures 8 and 9**, respectively) is generally to the southwest with components of flow to the west and south. These surficial aquifer potentiometric contours and flow directions are similar to previous results.

3.1.2 Black Creek Aquifer

Based on the Black Creek Aquifer potentiometric maps for April 1, 2024 and October 21, 2024 (**Figures 10 and 11**, respectively), groundwater flow in the Black Creek Aquifer is to the southwest. The Black Creek Aquifer potentiometric contours and flow directions are similar to previous results.

3.2 Groundwater Quality

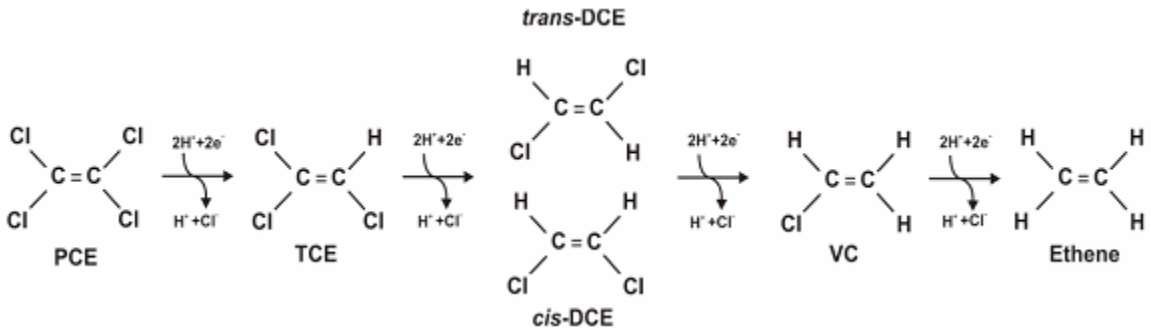
Groundwater sampling indicator parameters measured in the field during the well purging and sampling are presented in **Table 3**. The groundwater sampling logs are included in **Appendix A**. Laboratory analytical reports are included in **Appendix B** and the analytical results for the monitoring wells are summarized in **Table 4**. Historic analytical results are summarized in **Appendix C**.

In 2020-2021 Annual Groundwater Monitoring Report (AECOM, 2021), plume statistics replaced COPC-specific graphs depicting concentrations over time in select wells. CFFF desires to fully understand trends across the entire groundwater plumes and instructed AECOM to analyze each plume holistically. Plume statistics is a tool to evaluate the entire plume's dynamics versus evaluation at a discrete monitoring location. Plume statistics are discussed in **Section 4** and in **Appendix D**.

Based on the results of the comprehensive RI (AECOM, 2023), COPCs in groundwater are CVOCs, nitrate, fluoride, U, and Tc-99. Currently, there is no evidence that there are ongoing releases of COPCs. NPDES permit SC0001848 specifies that groundwater analytical results for the past 5 years be presented for site COPCs. Time series plots are in **Appendix E**.

3.2.1 Chlorinated Volatile Organic Compounds

Four CVOCs (PCE, trichloroethylene [TCE], cis-1,2-dicholoroethene [cis-1,2-DCE], and vinyl chloride [VC]) were detected in the upper and lower zones of the surficial aquifer. Chlorinated ethenes such as PCE can undergo biotic (biological) and abiotic (physical) transformations under both aerobic and anaerobic conditions. Natural, biotic degradation of PCE to produce daughter products at CFFF follows the reductive dechlorination pathway. This pathway is as follows:



(Source: Parsons Corporation, 2004)

CVOCs were not detected in the groundwater samples collected from the Black Creek aquifer monitoring wells.

3.2.1.1 Tetrachloroethylene

PCE was detected in groundwater at concentrations at or above its MCL of 5.0 micrograms per liter (µg/L) in groundwater from 27 and 28 of the 114 surficial aquifer monitoring wells in April 2024 and October 2024 (**Table 4**), respectively. There are two PCE plumes at CFFF contained within the property in the surficial aquifer. These CVOC

plumes are generally referred to as the main plume and the southern plume and are depicted on **Figures 12 through 15**. PCE was not detected in groundwater samples from the four Black Creek monitoring wells.

Upper Zone of the Surficial Aquifer

Figures 12 and 13 illustrate the PCE concentrations in the upper zone of the surficial aquifer during the April 2024 and October 2024 sampling periods, respectively. The highest PCE concentrations in upper zone of the surficial aquifer wells were from wells W-39, W-41R, and W-66 in the main PCE plume at concentrations ranging from 190 µg/L to 476 µg/L.

The main PCE plume in the upper zone of the surficial aquifer appears to emanate from an area between WLII and the plant building. Work conducted during Phase II of the RI concluded that there is no longer a vadose zone source for this groundwater impact. PCE is no longer used at CFFF; therefore, additional CVOC impacts to groundwater are not possible. As discussed in **Section 1.4**, groundwater and COPCs migrate both to the north and south in the surficial aquifer in the vicinity of WL II before migrating in the predominant southwesterly flow direction. This results in a horseshoe shaped main PCE plume in the surficial aquifer – upper zone.

The southern PCE plume in the surficial aquifer – upper zone is located from the southern extent of the developed area close to the bluff near monitoring wells W-13R and W-14 and extends to the southeast below the bluff barely into the floodplain near monitoring well W-97. PCE was not formerly used in the vicinity of these wells. It is believed that the PCE in the southern plume in the surficial aquifer - upper zone near the bluff is part of the PCE plume in the surficial aquifer – lower zone, rather than the result of a source in the southern area of the plant near the bluff (AECOM, 2023).

Lower Zone of the Surficial Aquifer

Figures 14 and 15 illustrate the PCE concentrations in the lower zone of the surficial aquifer during the April 2024 and October 2024 sampling periods, respectively. The main PCE plume is the only plume present in the lower zone of the surficial aquifer and was observed directly west of the facility in the same area as the main PCE plume observed in the upper zone of the surficial aquifer, however with a greater aerial extent. The highest PCE concentrations in the lower zone of the surficial aquifer was from wells W-33, W-48, W-65, W-120, and W-RW2 in the main PCE plume at concentrations ranging from 90 µg/L to 416 µg/L.

The highest PCE concentrations in the main plume in the lower zone of the surficial aquifer appears to emanate from an area between WLII and the plant building and migrates to the north, west, southwest and south resulting in a horseshoe shape similar to the upper zone of the surficial aquifer. Additionally, a third lobe of the main plume in the lower zone of the surficial aquifer containing lower PCE concentrations appears to emanate from the southern end of the plant building. Work conducted during the RI concluded that the Solvent Extraction Area located in the southwestern portion of the plant is the likely source for this PCE impact to groundwater.

3.2.1.2 Trichloroethylene

TCE was detected in groundwater at concentrations at or above its MCL of 5.0 µg/L from 13 and 11 of the 114 surficial aquifer monitoring wells in April 2024 and October 2024 (**Table 4**), respectively. There are three TCE plumes at CFFF in the surficial aquifer. These CVOC plumes are generally referred to as the main plume, the northern plume (near the southwest corner of the plant building), and the southern plume. These plumes are depicted on **Figures 16 through 19**. TCE was not detected in groundwater samples from the four Black Creek monitoring wells.

Upper Zone of the Surficial Aquifer

The upper zone of the surficial aquifer main and southern TCE plumes are in the same general locations as the corresponding PCE plumes but with a smaller aerial extent during the April 2024 and October 2024 sampling periods (**Figures 16 and 17**, respectively). TCE exceeded the MCL in groundwater samples from monitoring well W-39, W-41R, and W-66 in the main TCE plume during the April 2024 sampling campaign and in monitoring wells W-39 and W-66 during the October 2024 sampling campaign. The northern TCE plume exists as a TCE only plume near the southwestern corner of the plant building where the TCE MCL was exceeded in groundwater from monitoring wells W-38 and W-76. In the southern plume, TCE's MCL was exceeded in groundwater from monitoring well W-67 only. Upper zone TCE concentrations exceeding the MCL in these plume areas ranged from 5.42 µg/L to 48 µg/L.

Lower Zone of the Surficial Aquifer

In the lower zone of the surficial aquifer, the main TCE plume was observed directly west of the facility extending in a southwestern direction in the same general location as the main PCE plume (**Figures 18 and 19**, respectively). Groundwater from monitoring wells W-33, W-48 (October 2024 only), W-65, W-87, W-102, W-120, and W-RW2 in the main TCE plume contained concentrations of TCE above the MCL. TCE exceeded the MCL in the northern TCE plume in groundwater from monitoring well W-102. The southern plume in the lower zone of the surficial aquifer is represented by TCE MCL exceedances in groundwater from monitoring wells W-103 (April 2023 only) and W-123. The TCE MCL in the lower zone was exceeded in groundwater at concentrations ranging from 5.8 µg/L to 50 µg/L.

3.2.1.3 Cis-1,2-Dichloroethene

Concentrations of cis-1,2-dichloroethene (cis-1,2 DCE) did not exceed the MCL of 70 µg/L in groundwater within the monitoring well network in April 2024 and October 2024 (**Table 4**). Cis-1,2-DCE was detected at concentrations ranging from 0.154 µg/L (estimated) to 22 µg/L in groundwater from 27 and 40 of the 114 surficial aquifer monitoring wells during April 2024 October 2024 sampling periods, respectively.

3.2.1.4 Vinyl Chloride

Concentrations of VC exceeded its MCL of 2 µg/L in groundwater from monitoring well W-107 with concentrations ranging from of 2.27 to 3.2 µg/L during the April 2024 and October 2024 sampling periods (**Figures 20 and 21**, respectively). There were also detections of VC in W-94, W-95, W-106, and W-108. These well locations are on the southern side of Upper and Lower Sunset Lakes. The presence of VC in groundwater from these wells indicates that reductive dechlorination, as described in **Section 3.2.1**, from PCE on the northern side of Sunset Lakes to VC on the southern side is occurring within the floodplain.

Estimated concentrations of VC ranging from 0.249 to 0.877 µg/L were detected in groundwater above the bluff in October 2024 from wells W-57, W-58, W-73, and W-74. The wells are near the southwestern corner of the plant building where there is a TCE only plume as described in **Section 3.2.1.2**. This may indicate that geochemical conditions beneath the plant building are amenable to reductive dechlorination.

3.2.2 Nitrate

Nitrate was detected in groundwater at concentrations at or above its MCL of 10 milligrams per liter (mg/L) from 21 and 22 of the 114 surficial aquifer monitoring wells in April 2024 and October 2024 (**Table 4**), respectively. **Figures 22 and 23** illustrate the nitrate concentrations for the April 2024 and October 2024 sampling periods, respectively. The highest nitrate concentrations were observed in the groundwater collected from surficial aquifer – lower zone monitoring well W-18R near the southwest corner of the South Lagoon at concentrations of 330 mg/L and 340 mg/L during the April 2024 and October 2024 sampling periods, respectively.

The aerial extent of the nitrate plume is primarily in the area of the facility WWTP and extends to areas to the west, southwest, and south. Nitrate was detected in groundwater from Black Creek Aquifer monitoring well W-71 below its MCL at concentrations of 0.14 mg/L and 0.079 in April 2024 and October 2024, respectively and in groundwater from Black Creek Aquifer monitoring well W-50 at a concentration of 0.084 mg/L in April 2024. Nitrate is a naturally occurring compound and the detected concentration in these monitoring wells are an order of magnitude or greater below the MCL indicating that this detection is not the result of facility operations.

3.2.3 Fluoride

Fluoride was detected at concentrations at or above its MCL of 4 mg/L in groundwater from 12 and 10 of the 114 surficial aquifer monitoring wells in April 2024 and October 2024, respectively (**Table 4**). Fluoride is a naturally occurring element and many of the detected concentrations in groundwater were orders of magnitude below the MCL indicating that these detections are not likely resulting from facility operations. **Figures 24 and 25** illustrate the fluoride concentrations for the April 2024 and October 2024 sampling events, respectively.

The greatest fluoride concentrations were observed in the groundwater from monitoring well W-78 at a concentration of 9.8 mg/L in April 2024 and in the groundwater from monitoring well W-77 at a concentration of 10.4 mg/L in October 2024. The fluoride plume exceeding the MCL in the surficial aquifer is primarily south of the plant building

and in the vicinity of the WWTP. This plume extends to the south and southwest towards the Upper and Lower Sunset Lakes.

Fluoride was not detected in groundwater from the four Black Creek Aquifer monitoring wells during the April 2024 and October 2024 sampling periods.

3.2.4 Uranium

Total U was detected in groundwater at concentrations at or above its MCL of 30 µg/L from 3 of the 114 surficial aquifer monitoring wells in both April 2024 and October 2024 (**Table 4**). The exceedance of the groundwater MCL for U is localized to two areas adjacent to the plant building, one area on the west side of the building near the southwest corner (monitoring wells W-55 and W-56) and another area on the south side of the building (monitoring well W-77). The plume associated with monitoring wells W-55 and W-56 is referred to as the northern plume and the plume associated with monitoring well W-77 is referred to as the southern plume. **Figures 26 and 27** illustrate the total U concentrations detected during the April 2024 and October 2024 sampling periods, respectively.

The highest total U concentrations of 302 µg/L and 549 µg/L were detected in groundwater from monitoring well W-56 during the April 2024 and October 2024 sampling events, respectively. The next closest downgradient well, monitoring well W-73, is approximately 40 feet away from monitoring well W-56 and contains total U at concentrations slightly above 0.1 µg/L. Similarly, monitoring well W-28 is approximately 50 feet downgradient of monitoring well W-77 and contains U concentrations of 3.91 µg/L and 7.35 µg/L during the April 2024 and October 2024 sampling events, respectively. Groundwater analytical results from the downgradient wells indicate that the U plumes are isolated to small areas adjacent to the plant building.

U-238 was detected in groundwater from the four Black Creek aquifer monitoring wells (W-3A, W-49, W-50, and W-71) at concentrations below its MCL and below the laboratory minimum detectible concentration (J flagged estimated concentrations) ranging from 0.0741 µg/L to 0.247 µg/L. U occurs naturally in groundwater in South Carolina and U-238 was the only U isotope in the Black Creek wells during the April 2024 and October 2024 groundwater sampling campaigns. A study performed in the Aiken, SC and Augusta, GA area reported an average background groundwater U concentration from private water supply wells of 0.35 µg/L (Westinghouse Savannah River Company, 1992). Another study of state-wide groundwater analytical results from private water supply wells using statistical analysis predicted an average background groundwater U concentration of 1.26 µg/L (Wagner, S.E., et al). Private water supply wells are typically installed in the aquifer below the surficial aquifer (e.g. the Black Creek Aquifer at CFFF). The total U detected in groundwater from the Black Creek wells is typical of regional background concentrations and not likely the result of facility operations.

3.2.5 Technetium-99

Tc-99 was detected above its MCL of 900 picocuries per liter (pCi/L) in the groundwater samples collected from one and two surficial aquifer monitoring wells (W-6 and W-11) in April 2024 and October 2024, respectively. **Figures 28 and 29** illustrate the Tc-99 concentrations detected during the April 2024 and October 2024 sampling periods, respectively. Tc-99 concentrations detected in groundwater from monitoring wells W-6 and W-11 ranged from 628 pCi/L to 2,070 pCi/L from April 2024 and October 2024. The concentration of 628 pCi/L in groundwater from W-11 in April 2024 is the first time that this concentration was below the MCL since groundwater in this well began being analyzed for Tc-99 in November 2018.

The aerial extent of the Tc-99 exceeding the MCL is within the WWTP area and the Southern Storage Area. The aerial extent of the Tc-99 plume at concentrations below the MCL extends from the WWTP area toward the west, southwest, and southeast. Tc-99 was not detected in groundwater samples from the four Black Creek monitoring wells.

3.2.6 Semi-Volatile Organic Compounds

The NPDES permit that went into effect on November 1, 2023 requires groundwater from 40 wells to be analyzed for the semivolatile organic compounds bis(2-ethylhexyl) phthalate, naphthalene and tributyl phosphate. Naphthalene was detected in groundwater from monitoring well W-45 in October 2024 at an estimated (J flagged) concentration of 0.960 µg/L which exceed the tap water Regional Screening Level (RSL) of 0.12 µg/L. Bis(2-ethylhexyl) phthalate was detected in groundwater from monitoring well W-27 in October 2024 at an estimated (J flagged) concentration of

0.390 µg/L which is less than the tap water RSL of 5.6 µg/L. Tributyl phosphate was not detected in groundwater in the monitoring wells specified in the permit (**Table 4**).

Figure 30 illustrates the naphthalene concentrations detected during the October 2024 sampling period. Naphthalene concentrations are compared to the RSL, as there is no federal drinking water standard for naphthalene. The site's COPCs are compared to the National Primary Drinking Water Standard MCLs. RSLs are provided by the Environmental Protection Agency for use during the conservative, initial, screening phase of a human health risk assessment. If an analyte's concentration exceeds its RSL, further evaluation may be warranted, and it may be carried into the next phase of the evaluation to assess whether or not it represents an unacceptable risk to human health. The tap water RSL is based on the assumption that the water is regularly used as drinking water without treatment. Exceeding an RSL does not explicitly imply that the analyte represents an unacceptable risk. The Baseline Risk Assessment Report (AECOM, 2022) for CFFF did not identify any unacceptable risks to human health and the environment. This report was approved by DES on March 14, 2023.

4. Plume Statistics

The objective of the plume statistics program is to evaluate the behavior over time of COPCs in groundwater that supports evaluation of plume stability and groundwater monitoring and management strategies. Plume statistics assumes a plume is defined and bounded and requires at least four unique time snapshots of a plume as evaluated by concentration data from a groundwater monitoring well network. Ideally, plume statistics are performed after the investigation phase is complete and groundwater monitoring is ongoing. Once a monitoring well network is established, the network should be evaluated periodically over time to understand plume behavior and generate statistically defensible conclusions about the stability of the plume.

Evaluation of plume behavior is accomplished by defining three plume characteristics: the plume area, the dissolved phase mass in the plume, and the average COPC concentration in the plume over time. Trends in these plume metrics are evaluated over time using the Mann-Kendall statistic test to estimate plume stability. These results are used to assess if a plume is increasing, probably increasing, decreasing, probably decreasing, or stable for a specified range of time. When used for long term monitoring, plume statistics can be used to optimize the well network in conjunction with well analytics (evaluating trends in a single well).

The results of plume statistics have been integrated into the CFFF conceptual site model for additional support in monitoring network optimization and remediation effectiveness. Additionally, site procedures *RA-434, Environmental Data Management* and *RA-433, Environmental Remediation* are followed to ensure other necessary actions are implemented. Groundwater and other media with environmental impact from historical site operations are being evaluated as part of the Feasibility Study under the CA.

4.1 Plume Statistics Methodology

An analysis of plume behavior was performed using the same procedures described in the 2021/2022 Annual Groundwater Monitoring Report (AECOM, 2022). For this report, concentration data from seven groundwater sampling campaigns were evaluated as part of the plume behavior analysis (October 2021, April 2022, October 2022, April 2023, October 2023, April 2024, and October 2024). As required to evaluate trends in plume metrics, a consistent set of groundwater monitoring wells was used to estimate the plume metrics for each sampling campaign within the evaluation period (2021 to 2024). Use of a consistent well network allows for comparison of plume metrics and evaluation of trends. If sampling locations are not consistent over the evaluation period, the plume metrics could be skewed and result in a less accurate interpretation of the overall plume behavior trends.

Temporal trends in concentrations of COPCs in each groundwater monitoring well were not evaluated during this analysis since behavior at individual wells may not be representative of overall plume behavior. For the plume statistics, Surfer® was used to estimate isoconcentration contours for each sampling event and COPC. The contours are used to calculate plume metrics that include the area, dissolved mass, and average concentration within the plume defined by a user-assigned threshold concentration. The MCL for each COPC was used as the threshold concentration. Statistically significant (95% confidence) trends in the plume metrics are estimated using the Mann-Kendall statistic test. The trends in the plume metrics are used to estimate overall plume behavior during the evaluation period. Plume statistics trends are displayed in **Appendix D**.

4.2 Plume Statistics Results

The results of the plume statistics for each COPC are summarized below.

PCE

Two plumes (lower and upper zones of the surficial aquifer as described in **Section 3.2.1.1**) were evaluated for PCE at its MCL of 5 ug/L. Trends in the plume metrics show that the PCE plumes are primarily stable with decreasing trends of the average concentration and dissolved mass in the lower zone and no average concentration trend in the upper zone. The total plume area, mass, and average concentrations are considerably higher (ranging from approximately 20% to over 300%) in the lower zone. This is likely due to the site's vertical gradient being primarily downward and PCE's density being greater than water.

TCE

Two plumes (lower zone and upper zone as described in **Section 3.2.1.2**) were evaluated for TCE at its MCL of 5 ug/L. Plume metrics for the analyzed parameters (area, mass, and average concentration) were primarily stable with no trend in the upper zone for both area and dissolved mass. Similar to PCE, the three plume metrics are much greater in the lower zone than in the upper zone during the evaluation period. TCE is a daughter product of the reductive dechlorination of PCE as shown in Section 3.2.1; therefore, this trend corresponds directly to the PCE plume's metrics.

Nitrate

The nitrate plume was defined by its MCL of 10 mg/L. The plume metrics for nitrate were stable.

Fluoride

The fluoride plume was defined by its MCL of 4 mg/L. The fluoride dissolved mass and average concentration were stable while the plume area had no trend.

Uranium

Two U plumes (northern and southern plumes as described in **Section 3.2.5**) are delineated in groundwater at the MCL of 30 ug/L based on two likely separate and distinct source areas. Because the source areas are beneath the plant building and associated infrastructure, the plume metrics are analyzed as one impacted area. The dissolved mass and average concentration of the two U plumes did not have a statistically significant trend (no trend) and the plume area was stable.

Tc-99

The Tc-99 plume was defined by its MCL of 900 pCi/L. The Tc-99 plume area and plume mass were decreasing while the average concentration had a probably decreasing trend.

5. Conclusions and Recommendations

5.1 Conclusions

The following conclusions are based upon review of the groundwater monitoring data collected during April 2024 and October 2024 sampling periods:

- Groundwater flow in the unconfined surficial aquifer is generally to the southwest with components of flow to the west and south. These surficial aquifer potentiometric contours and flow directions are similar to previous results. As documented in the RI Report (AECOM, 2023) and **Section 1.4**, the surface water bodies also influence groundwater flow on a localized basis. Groundwater flow in the Black Creek Aquifer is generally to the southwest. The Black Creek Aquifer potentiometric contours and flow directions are similar to previous results.
- CVOCs detected during April 2024 and October 2024 exceeding MCLs were primarily PCE and, to a lesser extent, TCE. Two additional breakdown products of PCE reductive dechlorination, cis-1,2 DCE and VC, were detected in groundwater at the CFFF site at concentrations below the MCL for cis-1,2 DCE and above the MCL for VC.
- The groundwater analytical results indicate that there are PCE and TCE groundwater plumes in the upper and lower zones of the surficial aquifer west and south of the plant building and in the surficial aquifer - upper zone south of the plant building. The CVOC plumes have been referred to as the main plume, southern plume, and northern plume.
- The main CVOC plume appears to emanate from a source(s) between the plant building and WL2. Elevated PCE concentrations in the main CVOC plume extend from the surficial aquifer – upper zone to the surficial aquifer - lower zone. Concentrations of TCE above its MCL occur primarily in the surficial aquifer – lower zone but are documented in the surficial aquifer – upper zone to a lesser extent.
- Nitrate concentrations during April 2024 and October 2024 exceeding MCLs were in areas west, southwest, and south of the WWTP. The highest nitrate concentrations were observed in the groundwater samples collected from surficial aquifer upper and lower zone monitoring wells south of the South and Sanitary Lagoons and north of the South Lagoon of the WWTP.
- Fluoride concentrations during April 2024 and October 2024 exceeding MCLs were in areas south of the plant building and south and southwest of the WWTP. The highest fluoride concentrations were observed in the groundwater samples collected from monitoring wells W-77 and W-78 located south of the plant building.
- U concentrations exceeded the MCL during the April 2024 and October 2024 in three surficial monitoring wells located near the southwest side of the facility building (W-55 and W-56) and one monitoring well (W-77) located near the south end of the building. The exceedance of the U MCL in groundwater is localized near the plant building and is delineated by the existing monitoring well network. Although the total U concentration in monitoring well W-56 increased since April 2024, plume statistics from October 2021 through October 2024 indicate that this plume is either stable or does not have a statistically significant trend. Groundwater impacted with U remains highly localized as evidenced by decreasing U concentrations in monitoring well W-55 and monitoring wells W-57 and W-73 remaining unimpacted.
- Tc-99 concentrations exceeded the MCL during April 2024 in one surficial aquifer - lower zone monitoring well (W-6) and two surficial aquifer – lower zone monitoring wells (W-6 and W-11) in October 2024.
- Naphthalene exceeded the tap water RSL in groundwater from one well (W-45) in October 2024 in a highly localized area. Based upon the Baseline Risk Assessment (AECOM, 2022), there is no unacceptable risk to human health and the environment from historical impacts at CFFF, including naphthalene.
- Based upon historical and current groundwater analytical results and assessment work completed during the RI from June 2019 through October 2022, the source, nature and extent of impacts from historical operations have been well defined. No off-site impacts of COPCs are known to have occurred, the groundwater impacts are fully defined within the central portion of the facility and are anticipated to remain within the property boundary. A groundwater fate and transport model developed for Westinghouse also indicated that the plumes are at steady state and will not reach the property boundary in the future.

5.2 Recommendations

Based upon the above conclusions, continued semiannual monitoring in accordance with the NPDES Permit and systematic completion of the CA is recommended. As additional groundwater quality data is collected from the same monitoring well network, the certainty of the statistical plume statistics trend analyses is expected to improve. Therefore, it is recommended that plume statistics continue to be performed on an annual basis to assess the trends in the plume area, concentration, and plume mass. The next groundwater sampling periods are April 2025 and October 2025.

6. References

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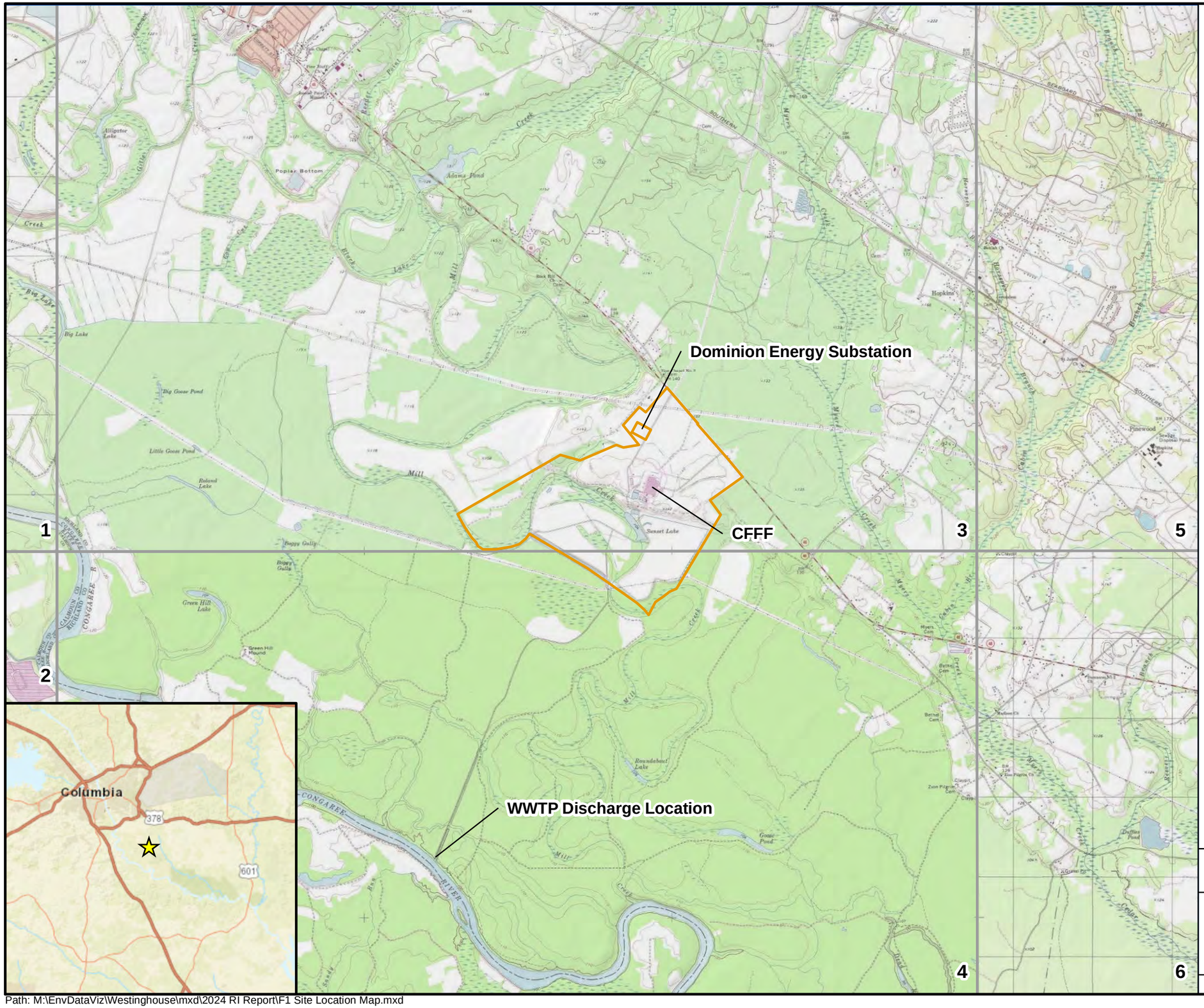
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S&ME, 1982. Ground-Water Hydrology of the Westinghouse Electric Corporation Plant, Richland County, South Carolina, March 1, 1982.

Appendix C
Historical Groundwater Analytical Results

AECOM is the world's trusted infrastructure consulting firm, delivering professional services throughout the project lifecycle – from planning, design and engineering to program and construction management. On projects spanning transportation, buildings, water, new energy and the environment, our public- and private-sector clients trust us to solve their most complex challenges. Our teams are driven by a common purpose to deliver a better world through our unrivaled technical expertise and innovation, a culture of equity, diversity and inclusion, and a commitment to environmental, social and governance priorities. AECOM is a Fortune 500 firm and its Professional Services business had revenue of $13.2 billion in fiscal year 2020. See how we are delivering sustainable legacies for generations to come at aecom.com and @AECOM.

Figures



Legend

Locations

- Property Line
- Topographic Quadrangle Boundary

ID	Topographic Quadrangle Name
1	Southwest Columbia
2	Gaston
3	Fort Jackson South
4	Saylors Lake
5	Congaree
6	Gadsden

0 2,000 4,000 Feet

1:48,000

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

Data Source: Esri/USGS

N

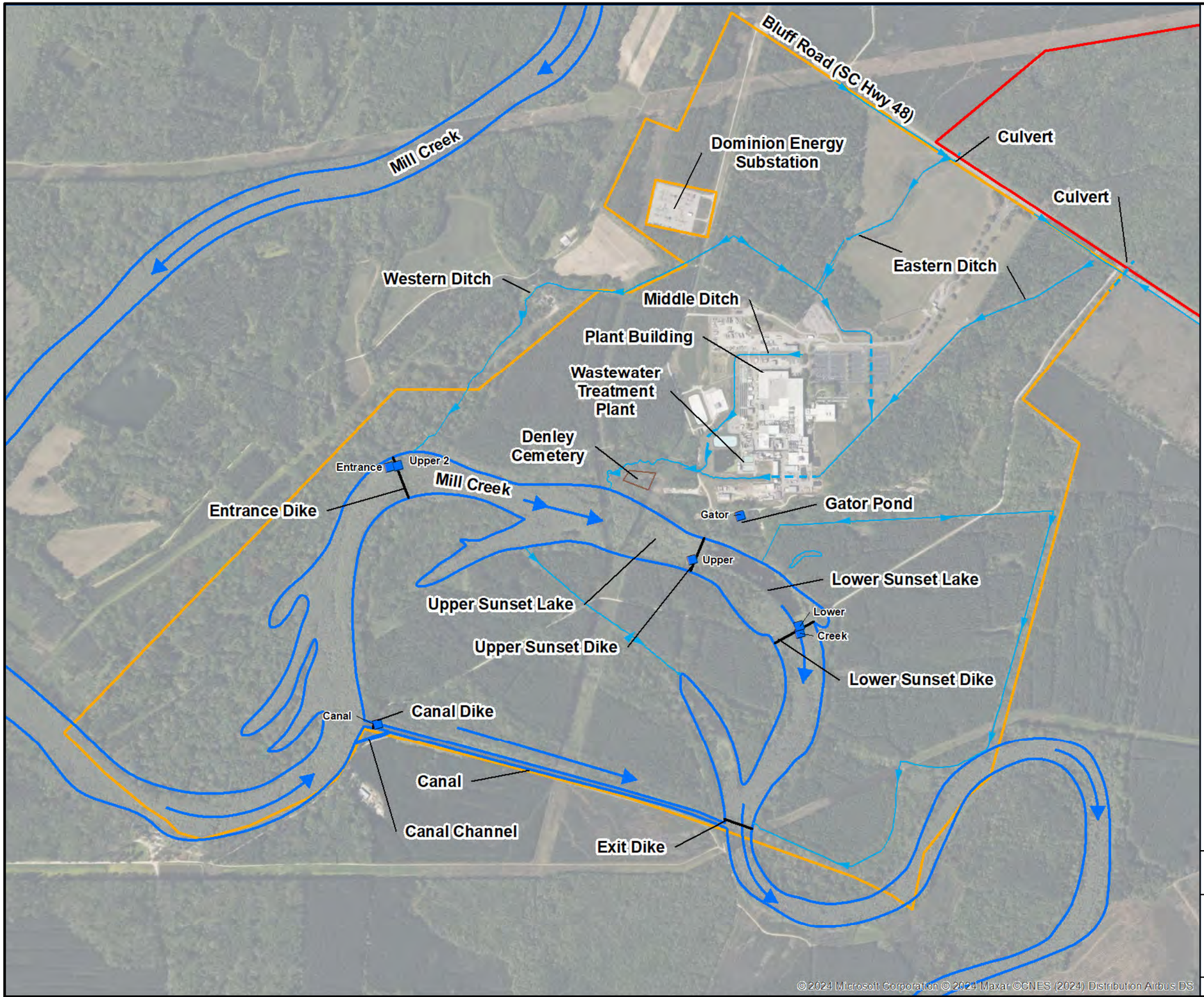
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Site Location Map

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 1**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F1 Site Location Map.mxd



Legend

- Staff Gage Location
- Mill Creek Flow Direction
- Ditch
- Culvert
- Property Line
- SCRDI Bluff Road (Superfund Site)
- Mill Creek
- Dike Location

0 500 1,000 Feet

1:12,000

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

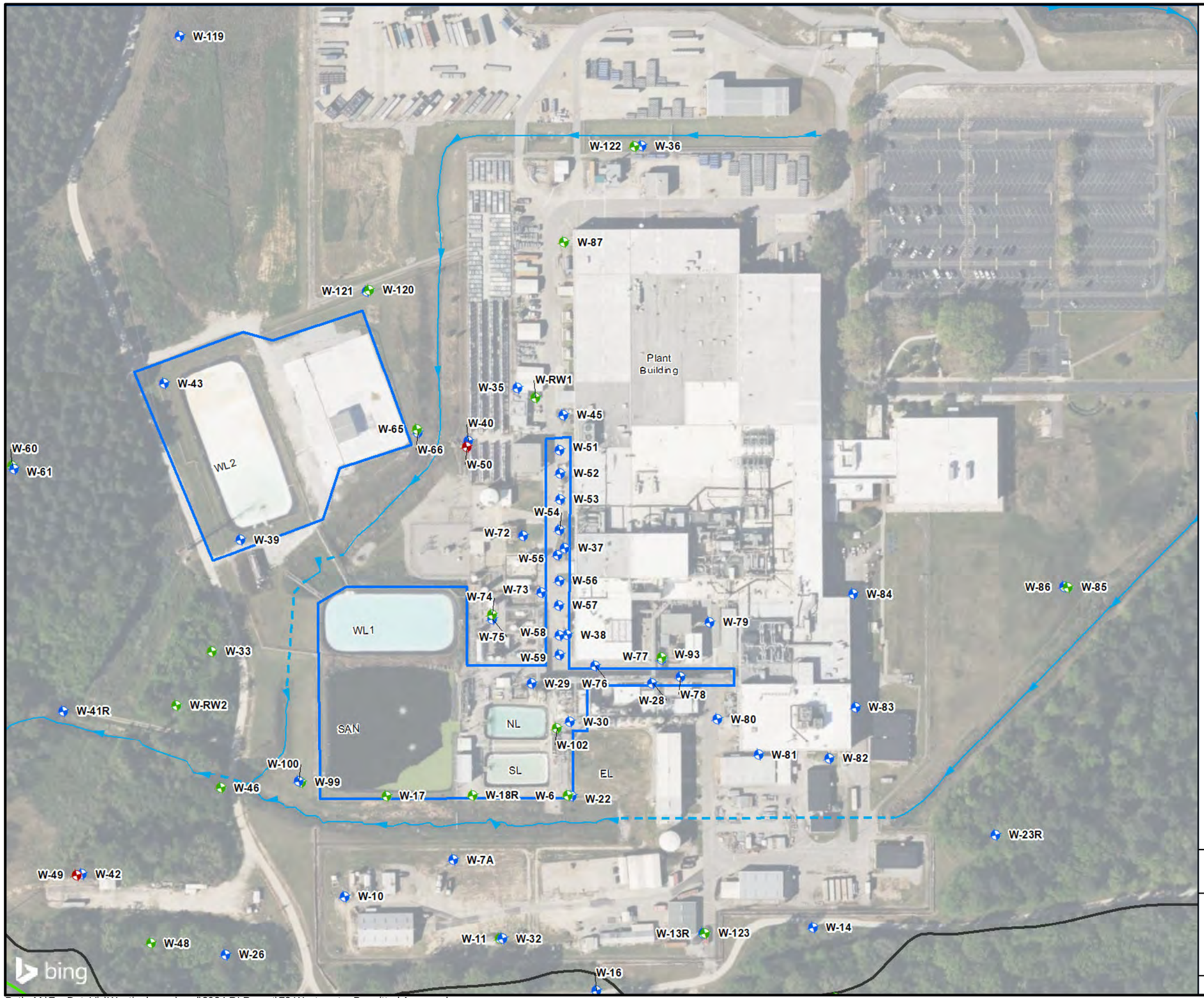
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Property Map

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HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 2**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F2 Property Map.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Staff Gage Location
- Ditch
- Culvert
- Wastewater Permitted Area
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Secondary Bluff Area

EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon I
WL2	West Lagoon II

0 90 180 Feet

1:2,160

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

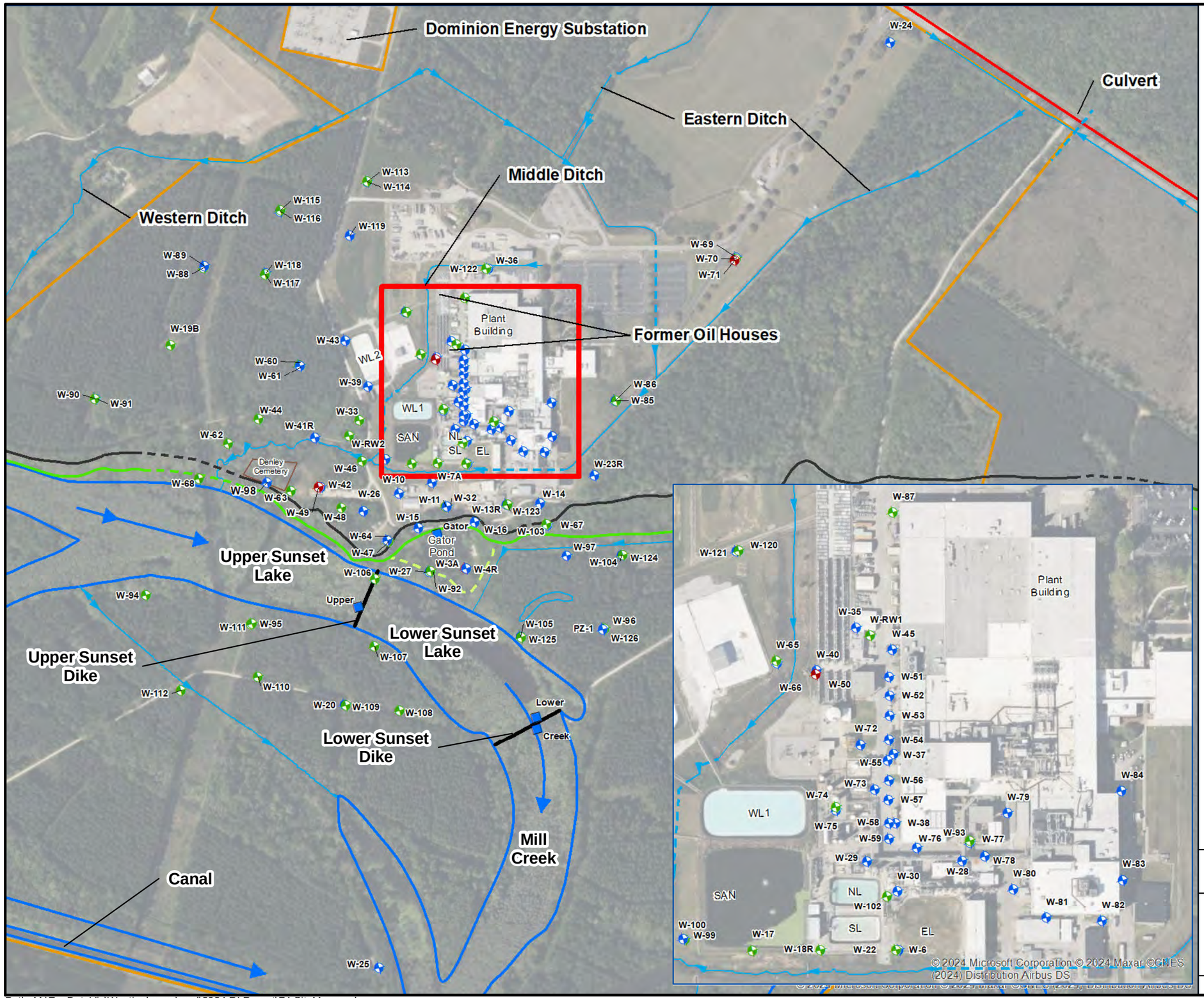
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Wastewater Permitted Area

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 3**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F3 Wastewater Permitted Area.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Staff Gage Location
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Property Line
- SCRDI Bluff Road (Superfund Site)
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area

EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon I
WL2	West Lagoon II

0 300 600 Feet

1:7,200

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

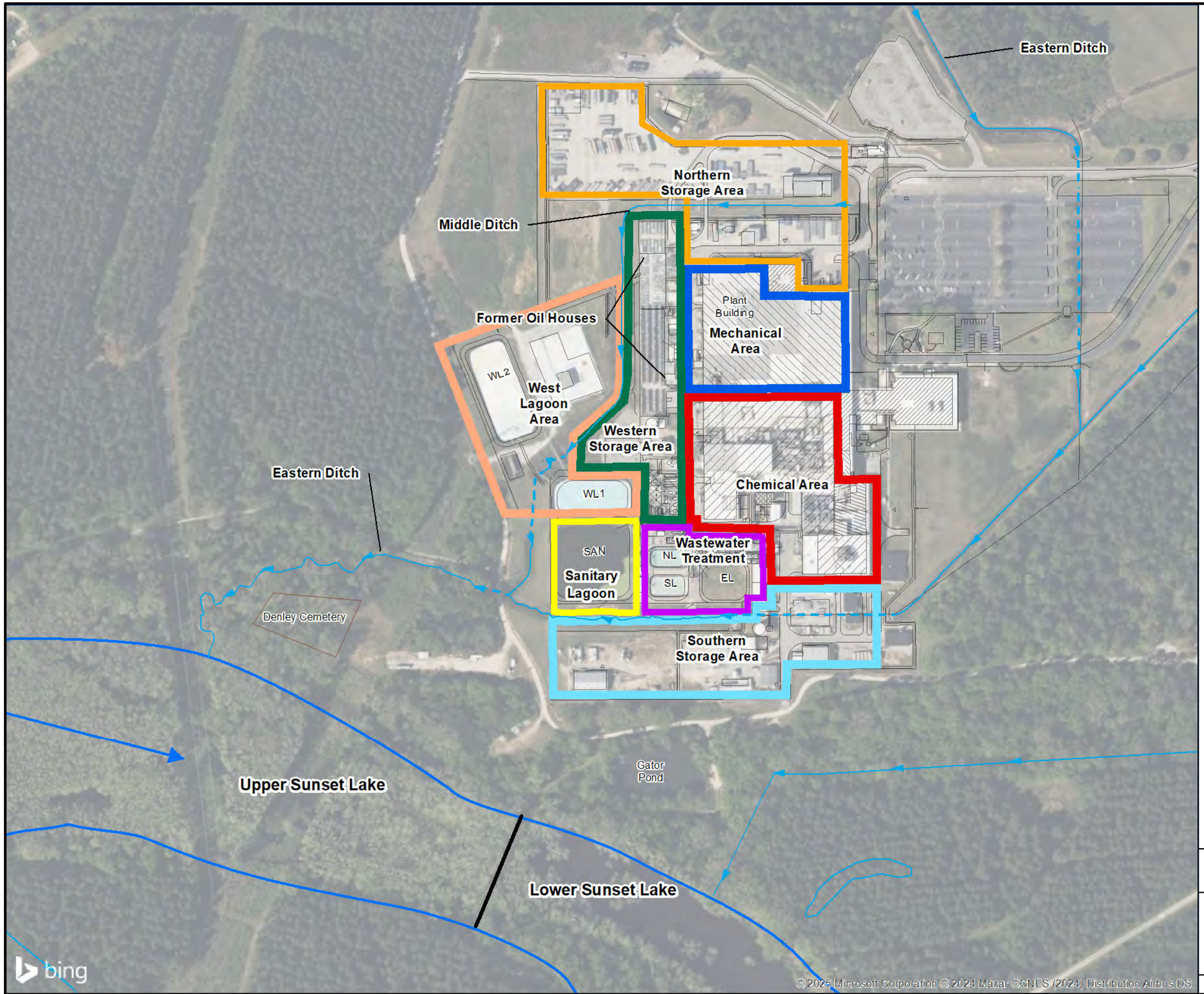
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Site Map

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 4**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F4 SiteMap.mxd



Legend

- Ditch
- Culvert
- Mill Creek Flow Direction
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon I
- WL2 West Lagoon II
- Mill Creek
- Dike Location

Operable Units

- Chemical Area
- Mechanical Area
- Northern Storage Area
- Sanitary Lagoon Area
- Southern Storage Area
- Wastewater Treatment Area
- West Lagoons Area
- Western Storage Area

0 150 300 Feet

1:3,600

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

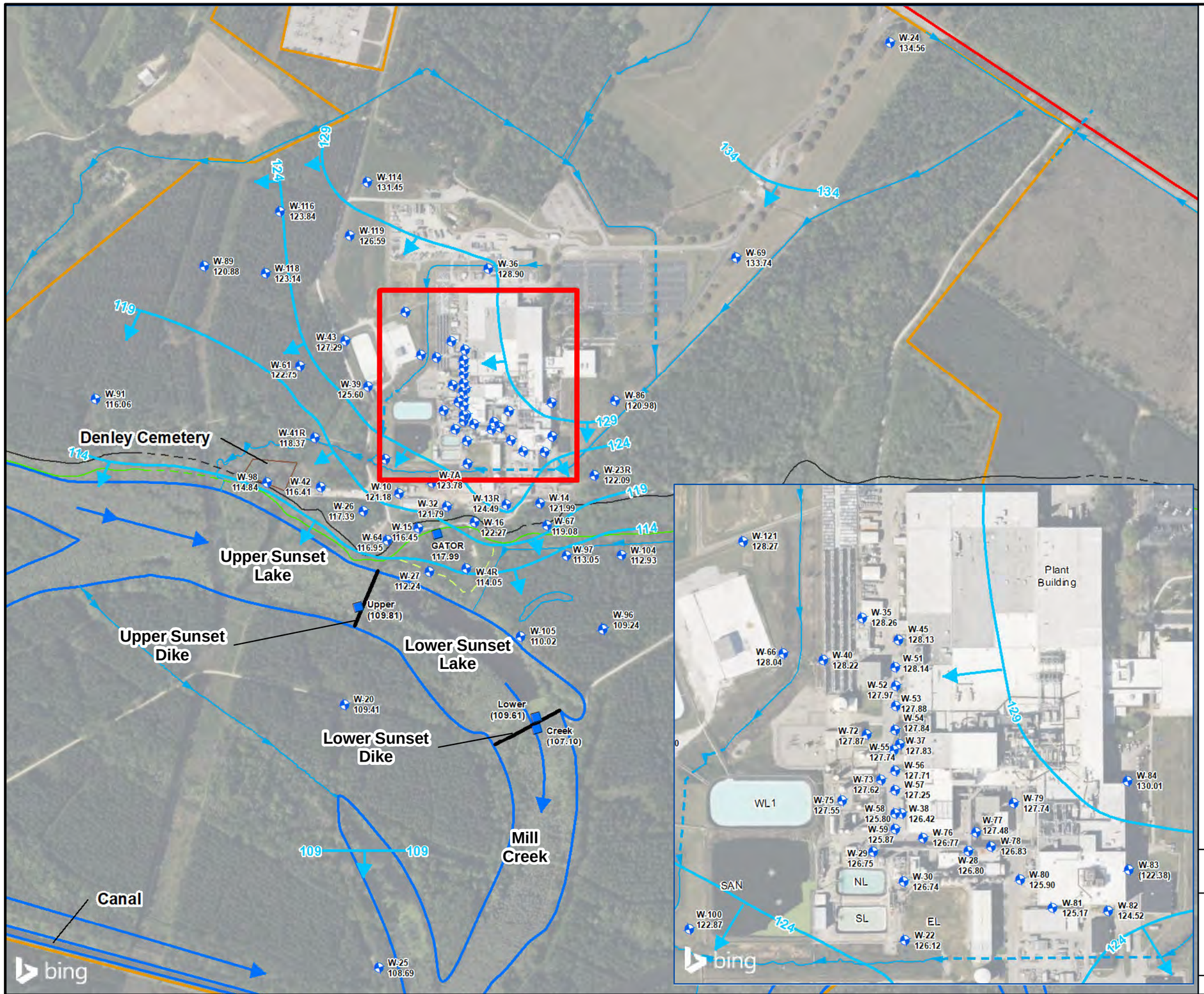
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Operational Units Map

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 5**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F5 Operation Units Map.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Mill Creek
- Property Line
- SCRDI Bluff Road (Superfund Site)
- Culvert
- Ditch
- Mill Creek Flow Direction
- Dike Location
- Staff Gauge Location
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon I
- WL2 West Lagoon II
- Potentiometric Line (C.I. = 5 feet)
- Direction of Groundwater
- 130.01 Groundwater Elevation
- (112.38) Elevation for illustrative purposes only

Based upon data collected on April 1, 2024

0 300 600 Feet

1:7,200

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

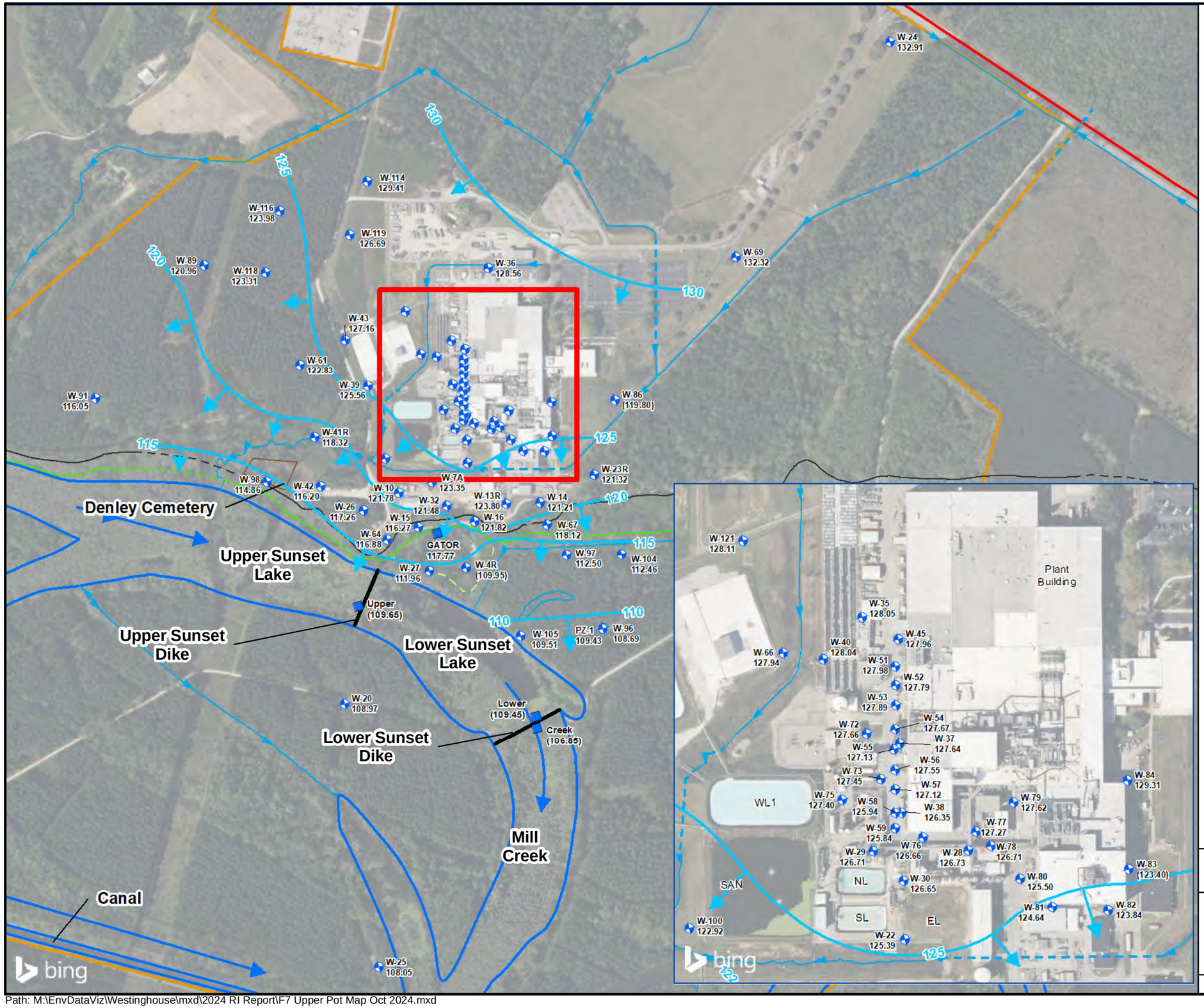
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Surficial Aquifer - Upper Zone Potentiometric Map April 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 6**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F6 Upper Pot Map April 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Mill Creek
- Property Line
- SCRDI Bluff Road (Superfund Site)
- Culvert
- Ditch
- Mill Creek Flow Direction
- Dike Location
- Staff Gauge Location
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon I
- WL2 West Lagoon II
- Potentiometric Line (C.I. = 5 feet)
- Direction of Groundwater
- 132.91 Groundwater Elevation
- (120.88) Elevation for illustrative purposes only

Based upon data collected on October 21, 2024

0 300 600 Feet

1:7,200

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

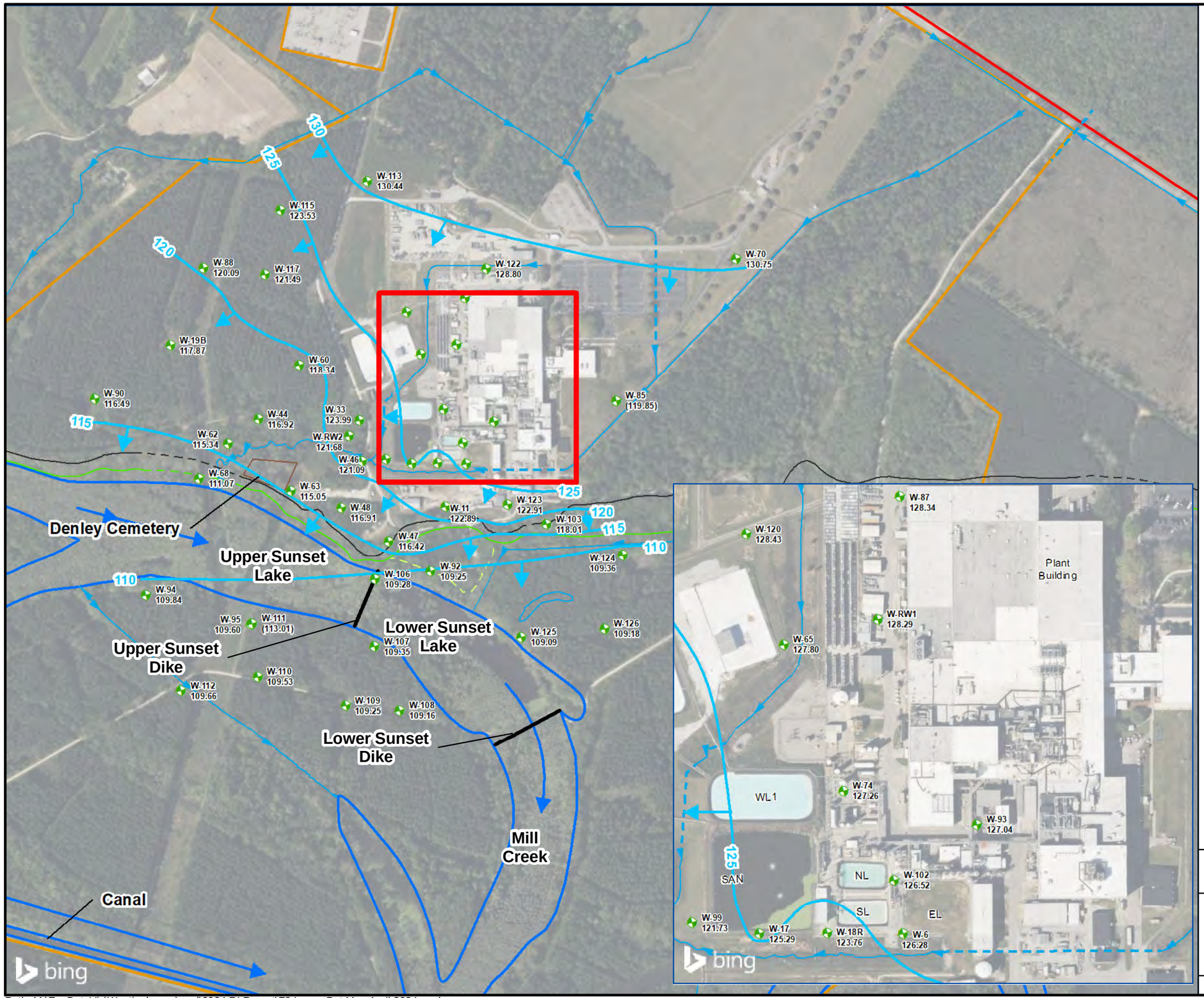
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Surficial Aquifer - Upper Zone Potentiometric Map October 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 7**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F7 Upper Pot Map Oct 2024.mxd



Legend

- Surficial Aquifer - Lower Zone Monitoring Well
- Mill Creek
- Property Line
- SCRDI Bluff Road (Superfund Site)
- Culvert
- Ditch
- Mill Creek Flow Direction
- Dike Location
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon I
- WL2 West Lagoon II
- Potentiometric Line (C.I. = 5 feet)
- Direction of Groundwater

128.70 Groundwater Elevation

(118.68) Elevation for illustrative purposes only

Based upon data collected on April 1, 2024

0 300 600 Feet

1:7,200

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

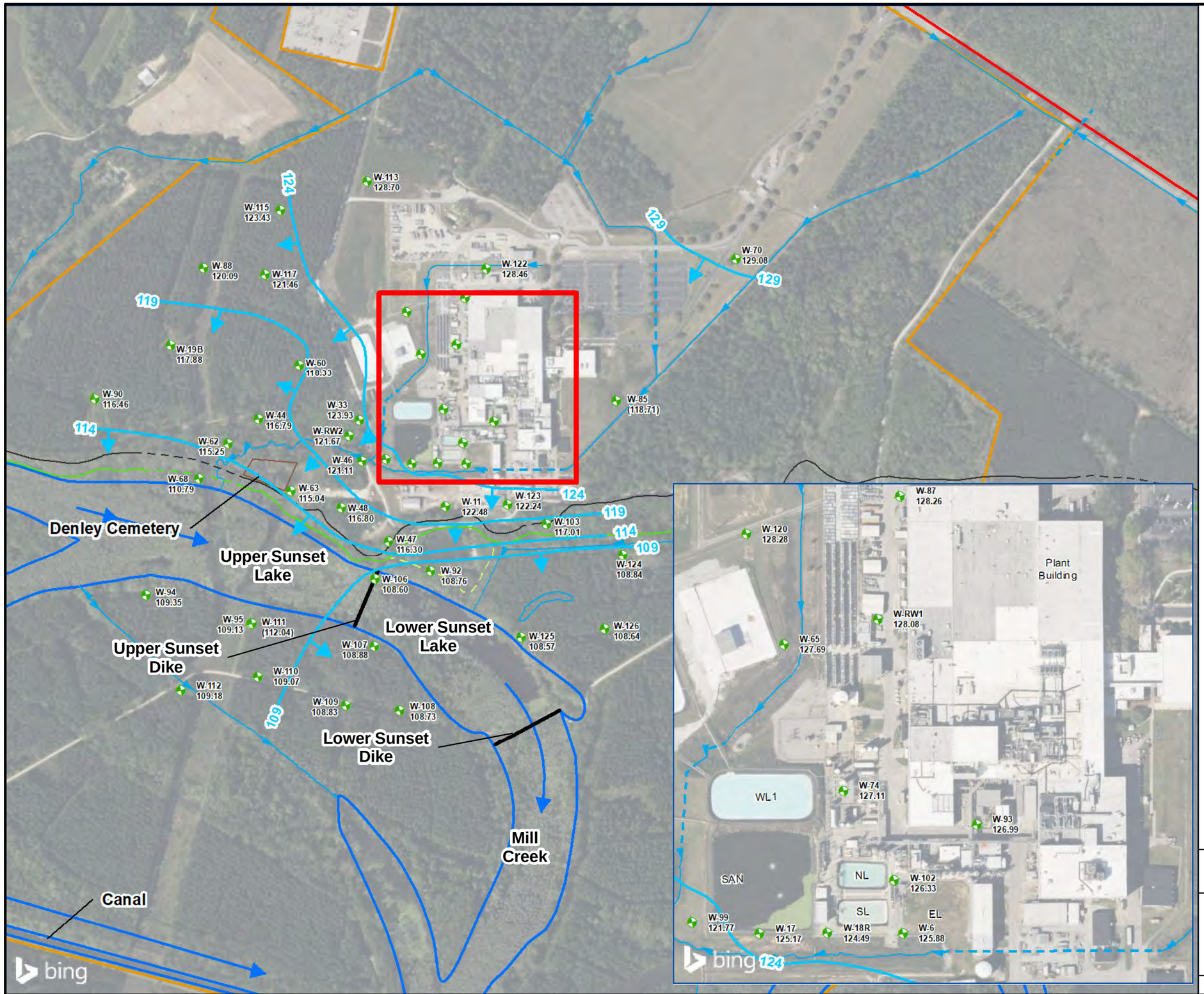
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Surficial Aquifer - Lower Zone Potentiometric Map April 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 8**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F8 Lower Pot Map April 2024.mxd



Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F9 Lower Pot Map October 2024.mxd

Legend

- Surficial Aquifer - Lower Zone Monitoring Well
- Mill Creek
- Property Line
- SCRDI Bluff Road (Superfund Site)
- Culvert
- Ditch
- Mill Creek Flow Direction
- Dike Location
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon I
- WL2 West Lagoon II
- Potentiometric Line (C.I. = 5 feet)
- Direction of Groundwater
- 129.08 Groundwater Elevation
- (117.30) Elevation for illustrative purposes only

Based upon data collected on October 21, 2024

0 300 600 Feet

1:7,200

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

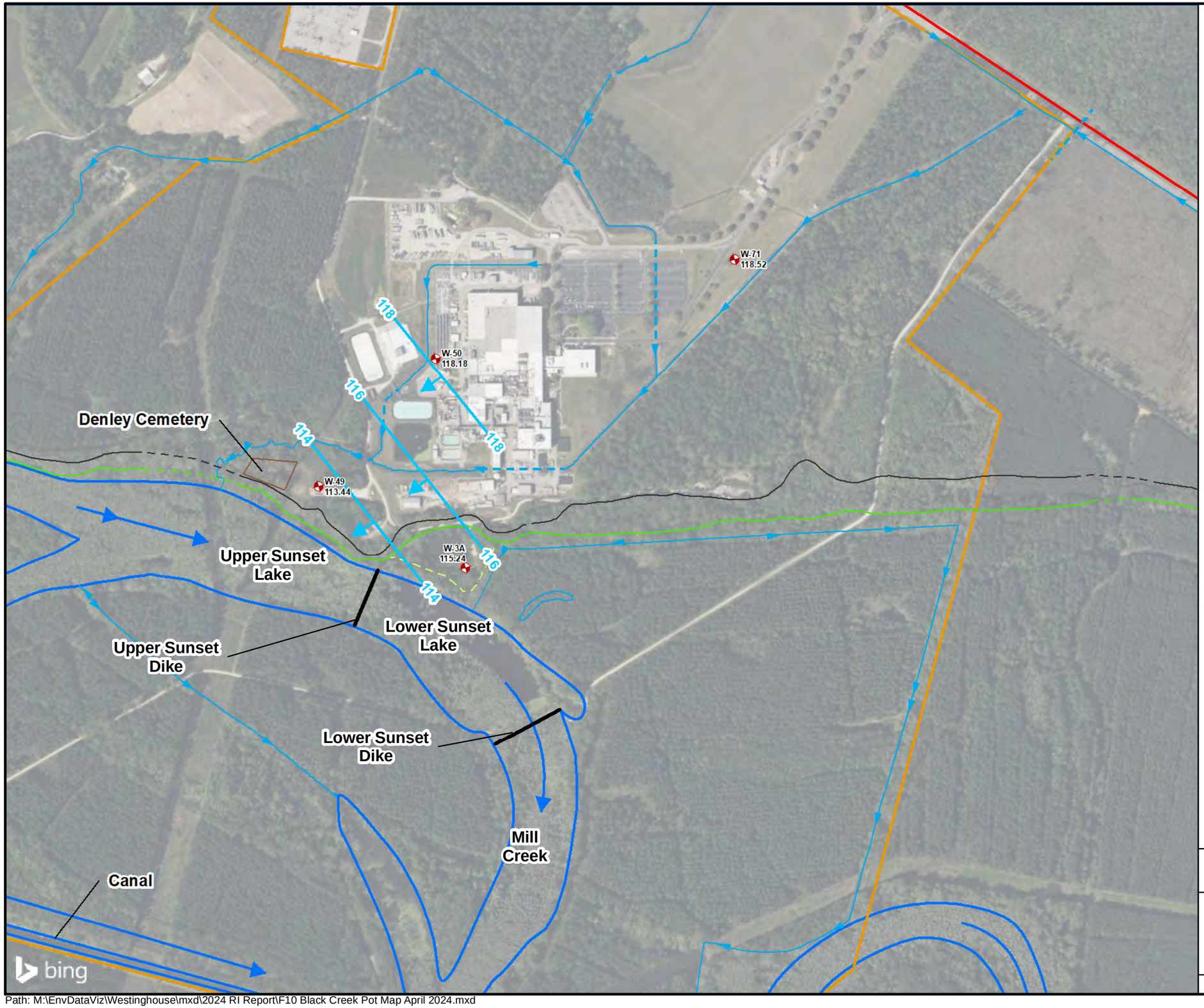
Datum: North American 1983

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Surficial Aquifer - Lower Zone Potentiometric Map October 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 9**



Legend

- Black Creek Aquifer Monitoring Well
- Mill Creek
- Property Line
- SCRDI Bluff Road (Superfund Site)
- Culvert
- Ditch
- Mill Creek Flow Direction
- Dike Location
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon I
- WL2 West Lagoon II
- Potentiometric Line (C.I. = 2 feet)
- Direction of Groundwater
- 113.44 Groundwater Elevation

Based upon data collected on April 1, 2024

0 300 600 Feet

1:7,200

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

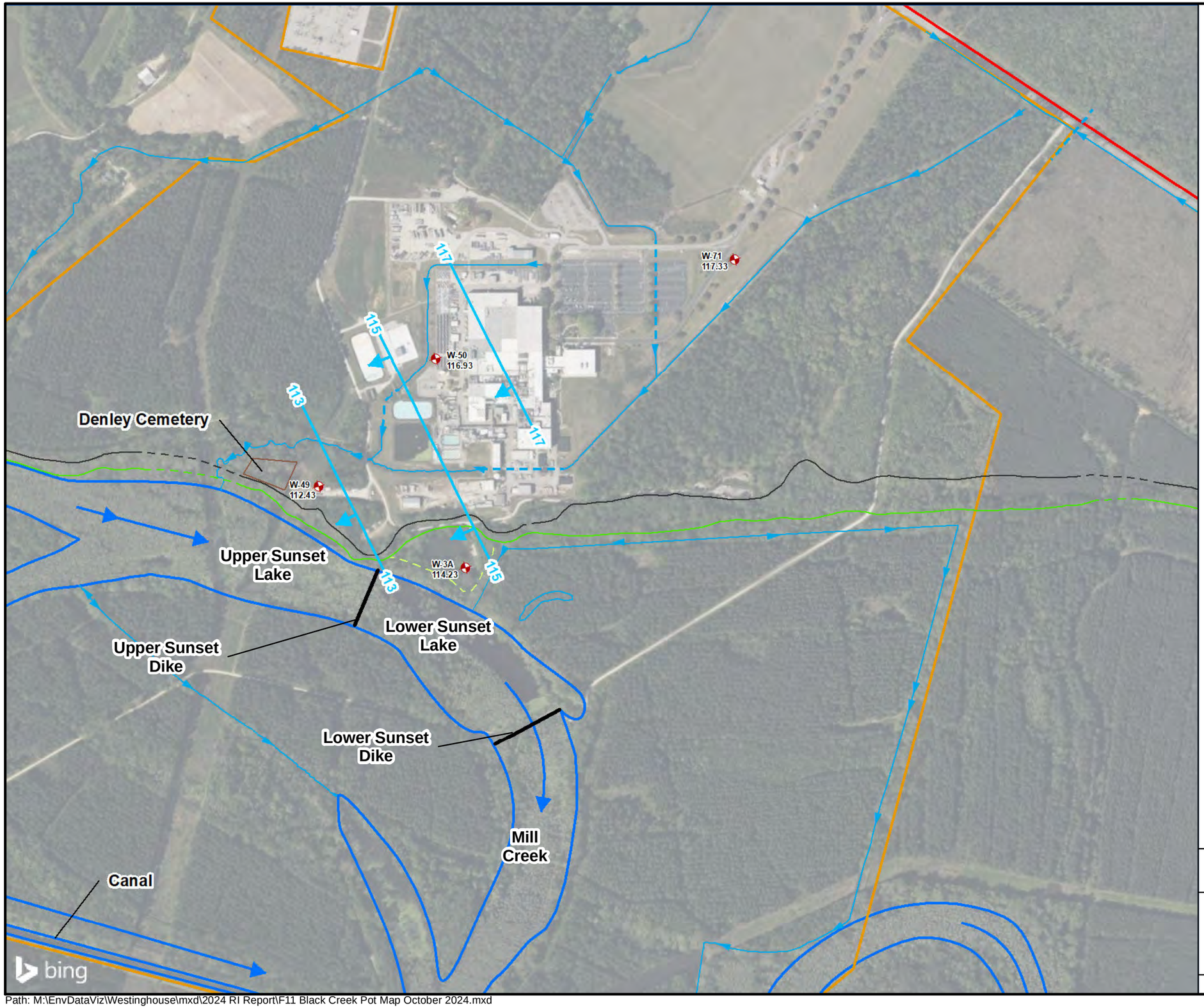
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Black Creek Aquifer Potentiometric Map April 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 10**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F10 Black Creek Pot Map April 2024.mxd



Legend

- Black Creek Aquifer Monitoring Well
- Mill Creek
- Property Line
- SCRDI Bluff Road (Superfund Site)
- Culvert
- Ditch
- Mill Creek Flow Direction
- Dike Location
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon I
- WL2 West Lagoon II
- Potentiometric Line (C.I. = 2 feet)
- Direction of Groundwater
- 117.33 Groundwater Elevation

Based upon data collected on October 21, 2024

0 300 600 Feet

1:7,200

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

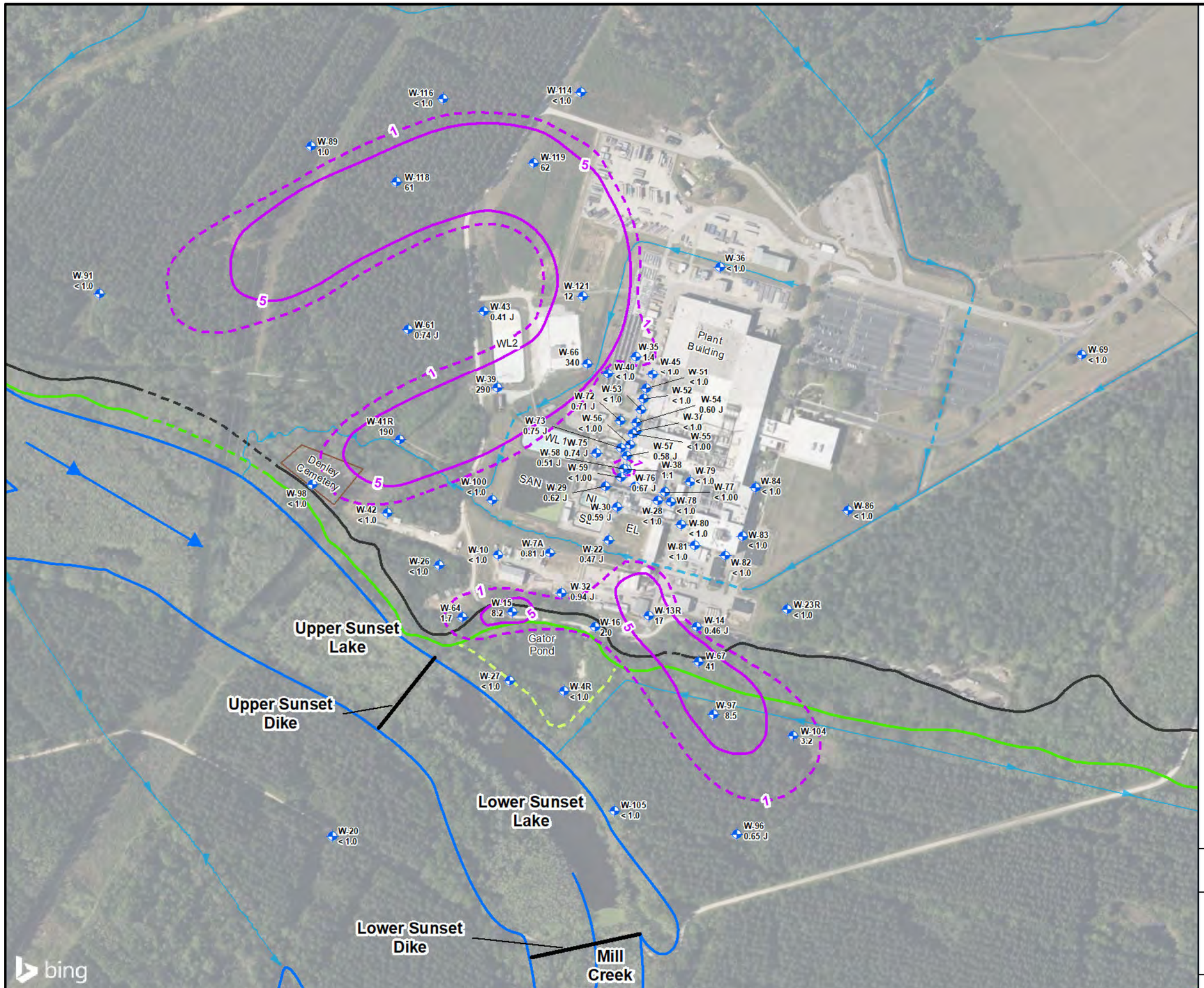
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Black Creek Aquifer Potentiometric Map October 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 11**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F11 Black Creek Pot Map October 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek
- Mill Creek Flow Direction
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- PCE Isoconcentration Contour (5 µg/L)
- PCE Isoconcentration Contour at or Above the Detection Limit (µg/L)

340	PCE Concentration in µg/L
J	Result Below Reporting Limit
EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon 1
WL2	West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

N

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

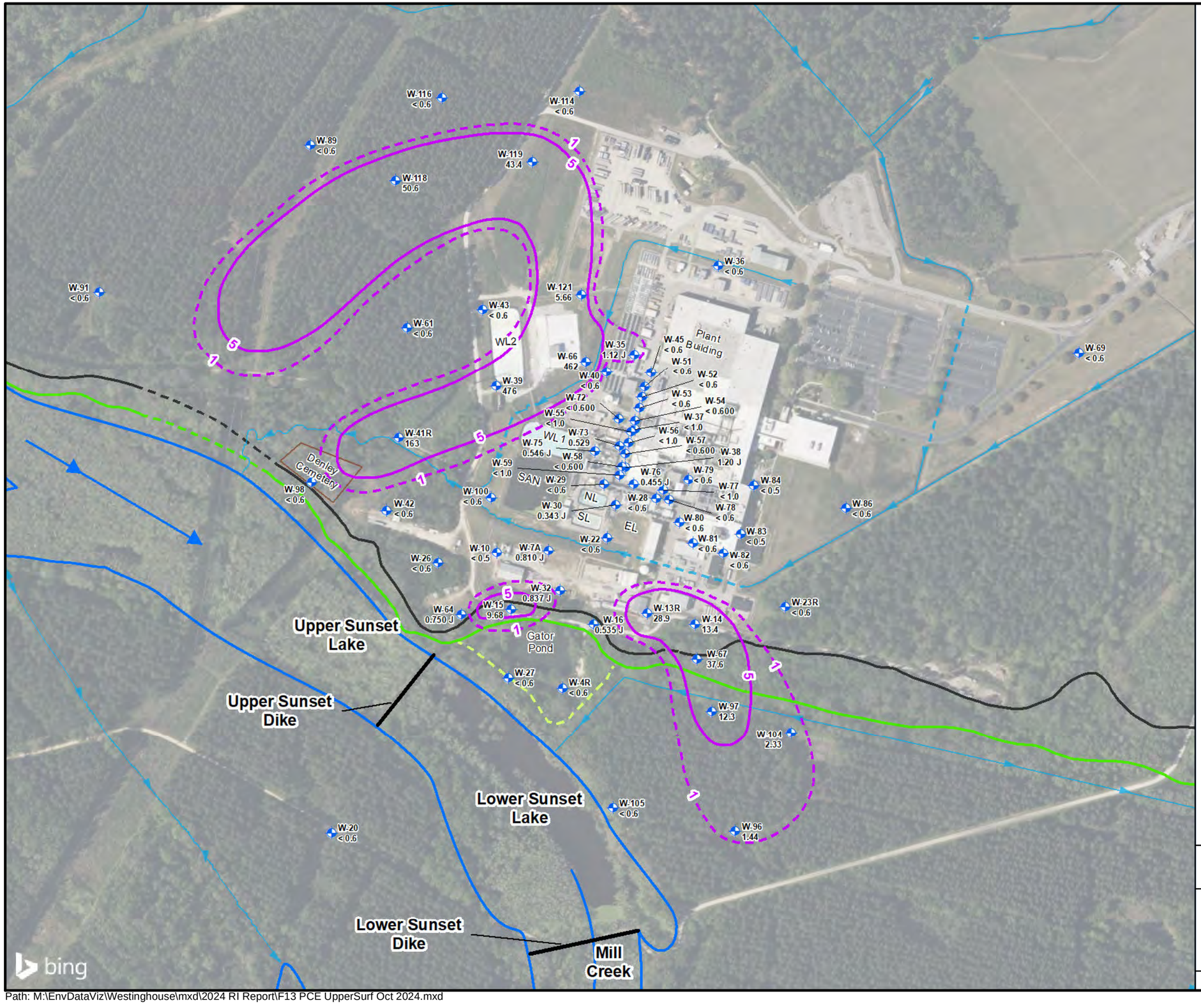
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Extent of PCE - Surficial Aquifer - Upper Zone April 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 12

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F12 PCE UpperSurf April 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek
- Mill Creek Flow Direction
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- PCE Isoconcentration Contour (5 µg/L)
- PCE Isoconcentration Contour at or Above the Detection Limit (µg/L)

476	PCE Concentration in µg/L
J	Result Below Reporting Limit
EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon 1
WL2	West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

N

0 200 400
Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

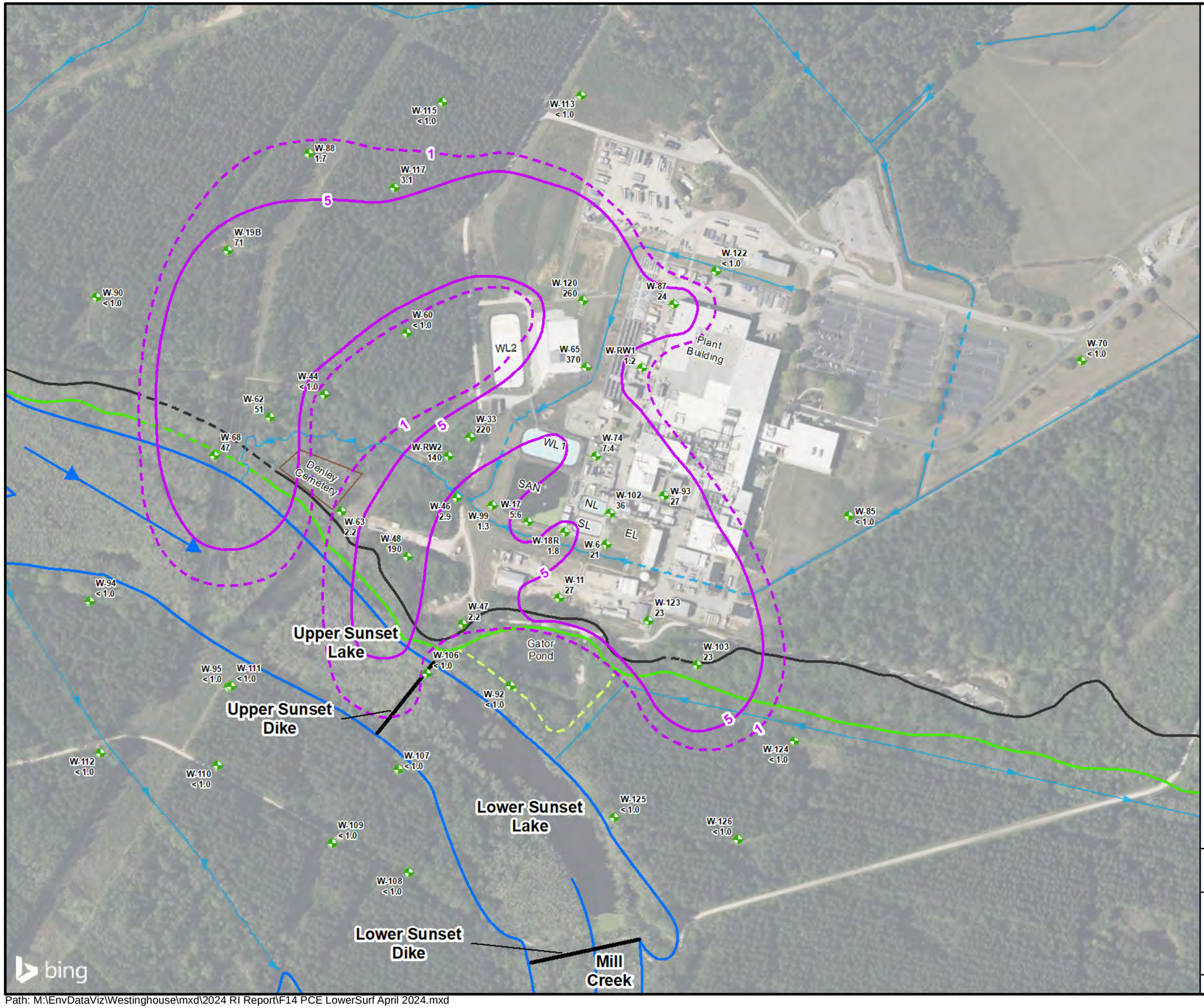
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Extent of PCE - Surficial Aquifer - Upper Zone October 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 13

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F13 PCE UpperSurf Oct 2024.mxd



Legend

- Surficial Aquifer - Lower Zone Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- PCE Isoconcentration Contour (5 µg/L)
- PCE Isoconcentration Contour at or Above the Detection Limit (µg/L)
- 370 PCE Concentration in µg/L
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon 1
- WL2 West Lagoon 2

Notes:

Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

N

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

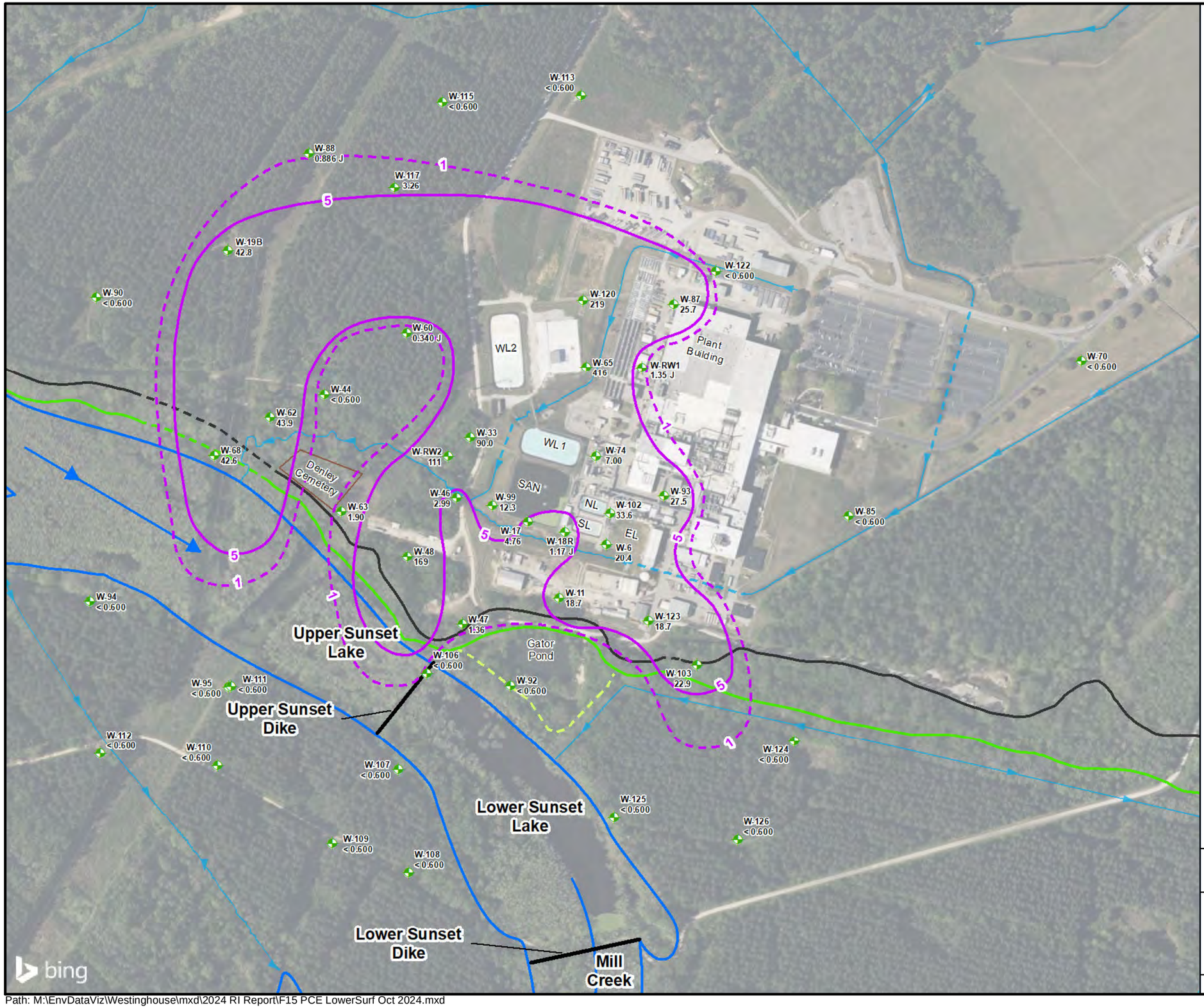
AECOM
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Extent of PCE
Surficial Aquifer - Lower Zone
April 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 14**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F14 PCE LowerSurf April 2024.mxd



Legend

- Surficial Aquifer - Lower Zone Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- PCE Isoconcentration Contour (5 µg/L)
- PCE Isoconcentration Contour at or Above the Detection Limit (µg/L)
- 416 PCE Concentration in µg/L
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon 1
- WL2 West Lagoon 2

Notes:

Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

N

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

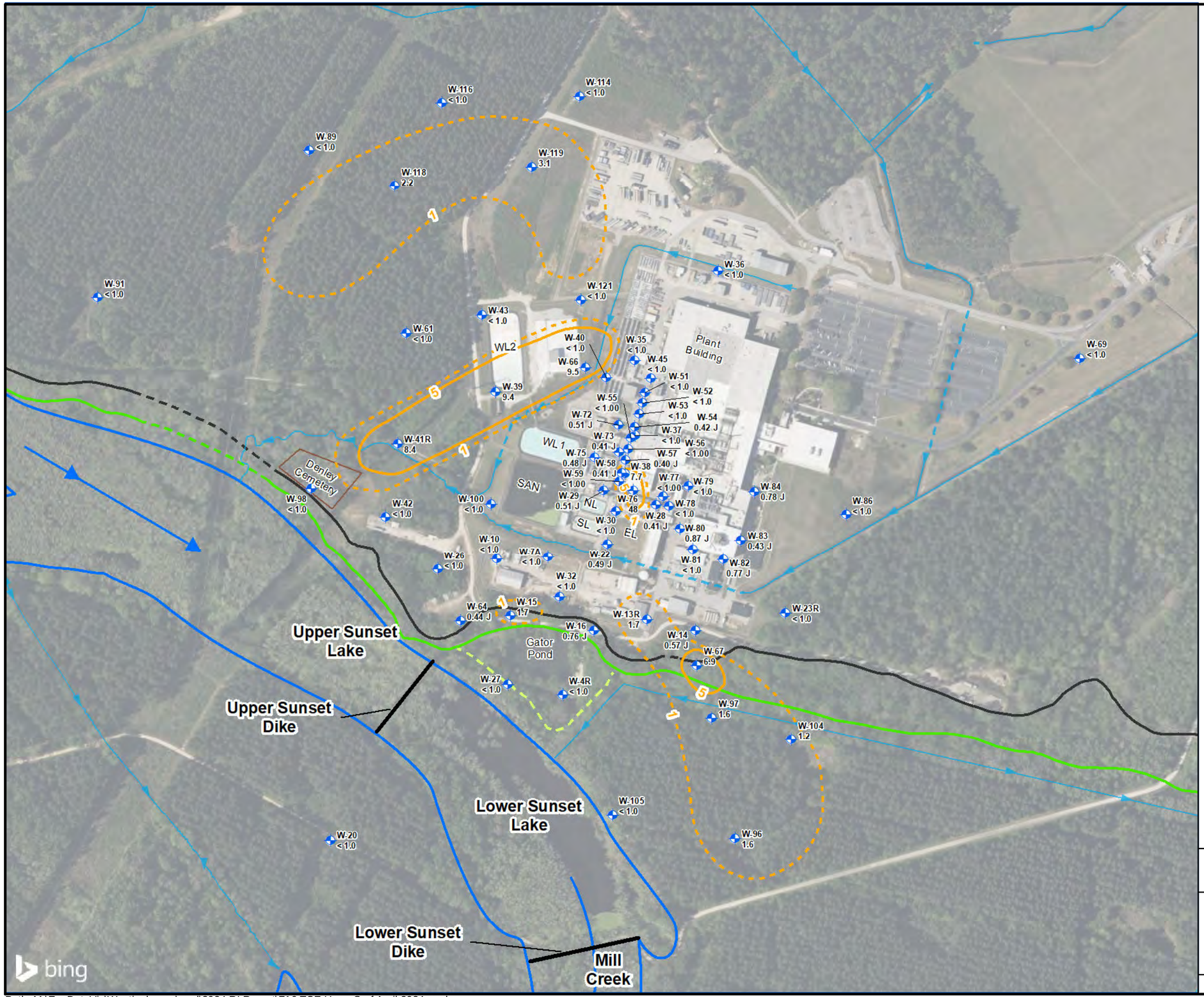
AECOM
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Extent of PCE
Surficial Aquifer - Lower Zone
October 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 15**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F15 PCE LowerSurf Oct 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- TCE Isoconcentration Contour (5 ug/L)
- TCE Isoconcentration Contour at or Above the Detection Limit (ug/L)

48	TCE Concentration in ug/L
J	Result below reporting limit
EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon 1
WL2	West Lagoon 2

Notes:

Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

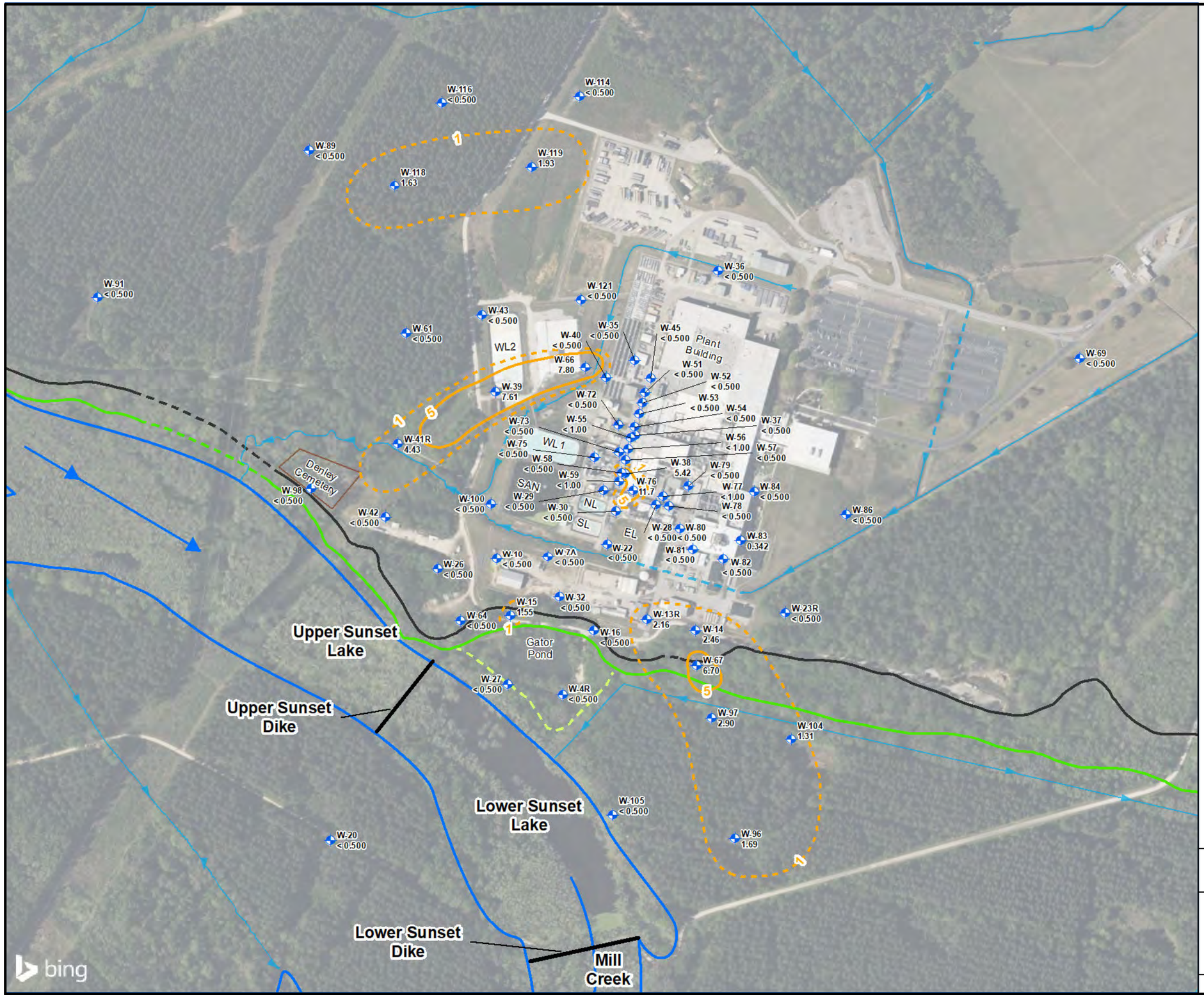
AECOM
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Extent of TCE
Surficial Aquifer - Upper Zone
April 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 16

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F16 TCE UpperSurf April 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- TCE Isoconcentration Contour (5 ug/L)
- TCE Isoconcentration Contour at or Above the Detection Limit (ug/L)

11.7	TCE Concentration in ug/L
J	Result below reporting limit
EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon 1
WL2	West Lagoon 2

Notes:

Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet

1 inch = 400 feet

N

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

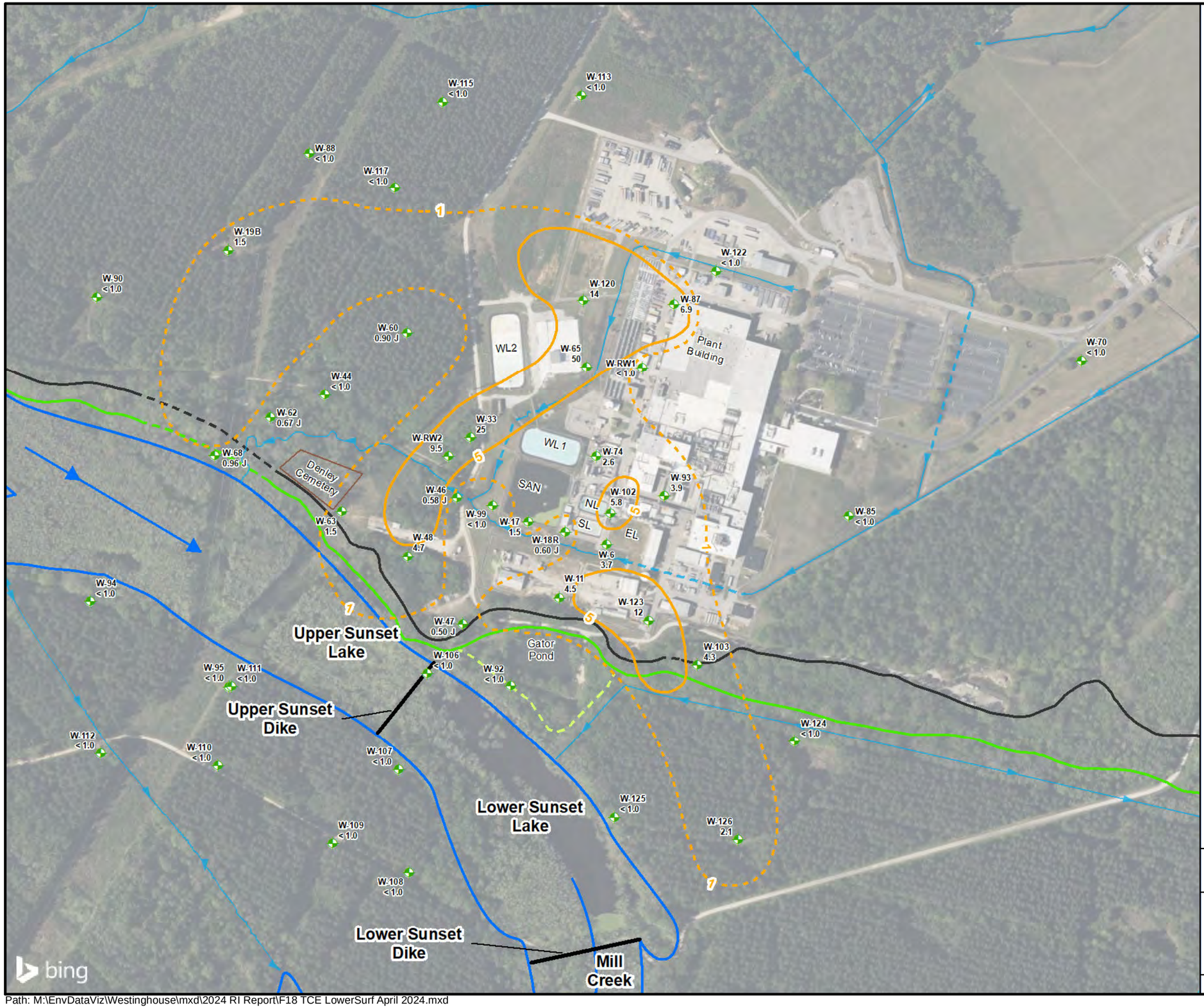
AECOM
2151 Pickens Street, Suite 301
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Extent of TCE
Surficial Aquifer - Upper Zone
October 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 17

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F17 TCE UpperSurf October 2024.mxd



Legend

- Surficial Aquifer - Lower Zone Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- TCE Isoconcentration Contour (5 ug/L)
- TCE Isoconcentration Contour at or Above the Detection Limit (ug/L)
- 50 TCE Concentration in ug/L
- J Result below reporting limit
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon 1
- WL2 West Lagoon 2

Notes:

Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet

1 inch = 400 feet

N

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

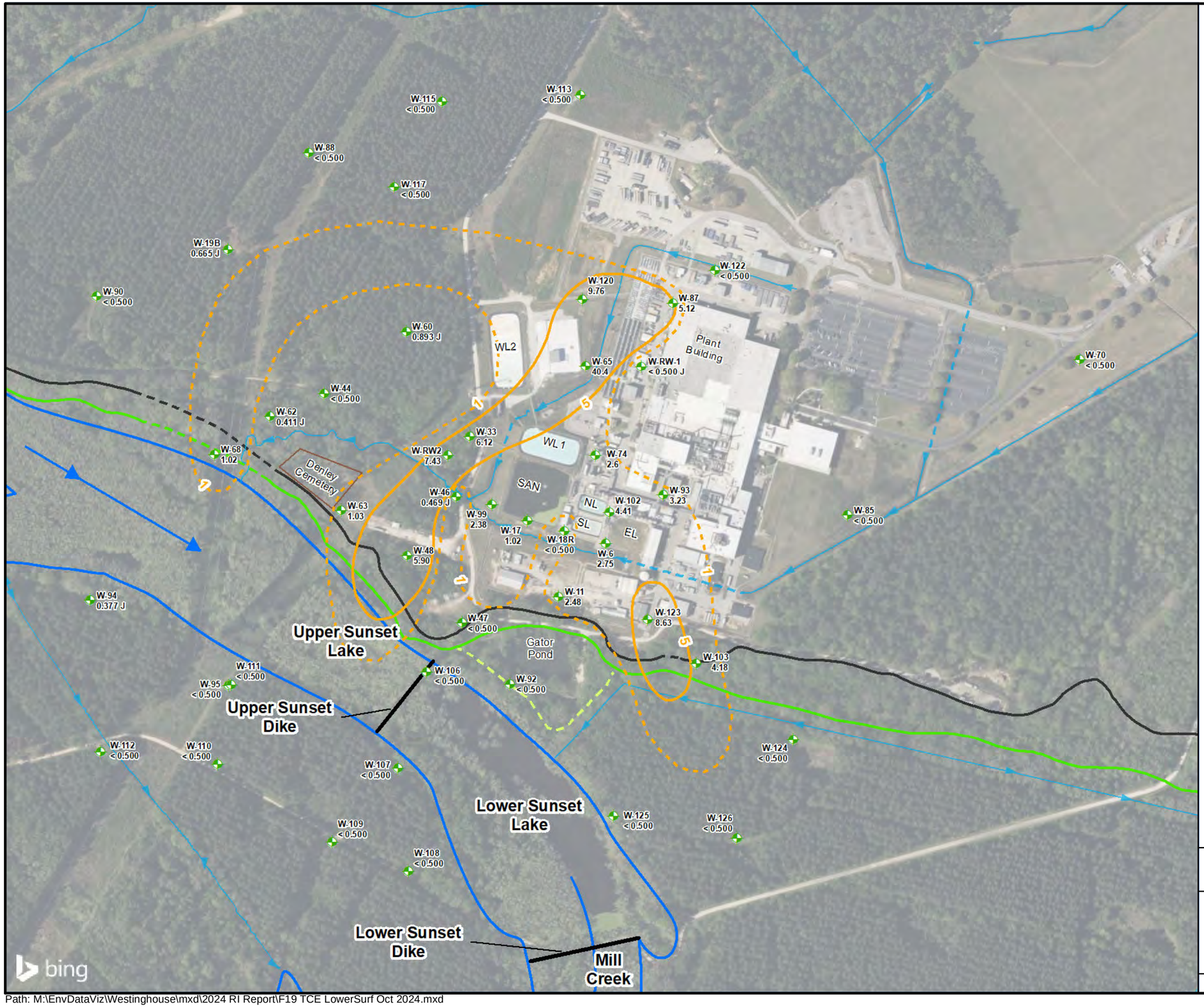
AECOM
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Extent of TCE
Surficial Aquifer - Lower Zone
April 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 18**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F18 TCE LowerSurf April 2024.mxd



Legend

- Surficial Aquifer - Lower Zone Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- TCE Isoconcentration Contour (5 ug/L)
- TCE Isoconcentration Contour at or Above the Detection Limit (ug/L)

40.4	TCE Concentration in ug/L
J	Result below reporting limit
EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon 1
WL2	West Lagoon 2

Notes:

Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

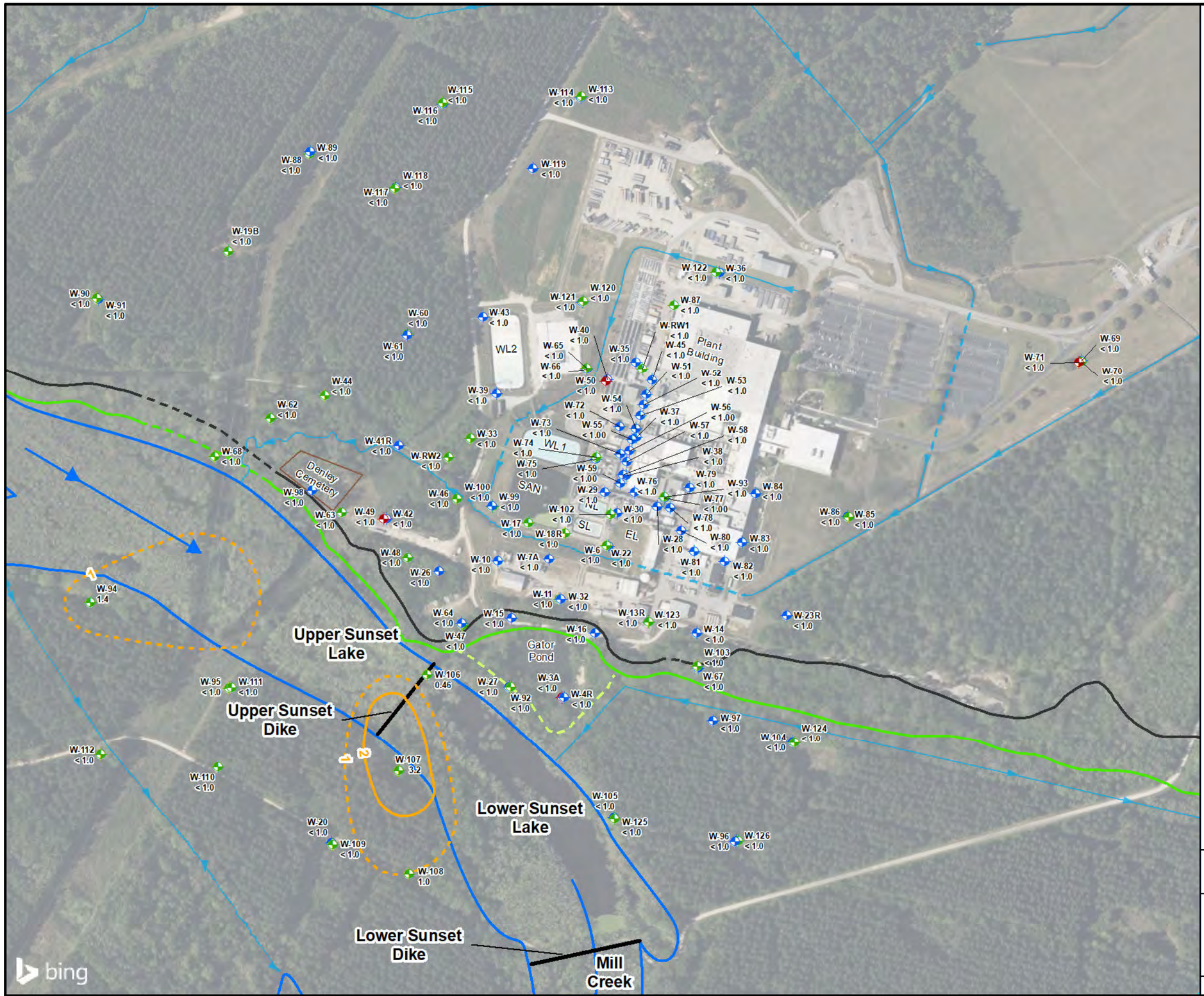
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Extent of TCE
Surficial Aquifer - Lower Zone
October 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	**FIGURE 19**

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F19 TCE LowerSurf Oct 2024.mxd



Legend

- Surficial Aquifer - Lower Zone Monitoring Well
- Ditch
- Culvert
- Ditch
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- VC Isoconcentration Contour (2 ug/L)
- VC Isoconcentration Contour at or Above the Detection Limit (ug/L)
- 3.2 — VC Concentration in ug/L
- J — Result below reporting limit
- EL — Former East Lagoon
- NL — North Lagoon
- SL — South Lagoon
- SAN — Sanitary Lagoon
- WL1 — West Lagoon 1
- WL2 — West Lagoon 2

Notes:

Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

N

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

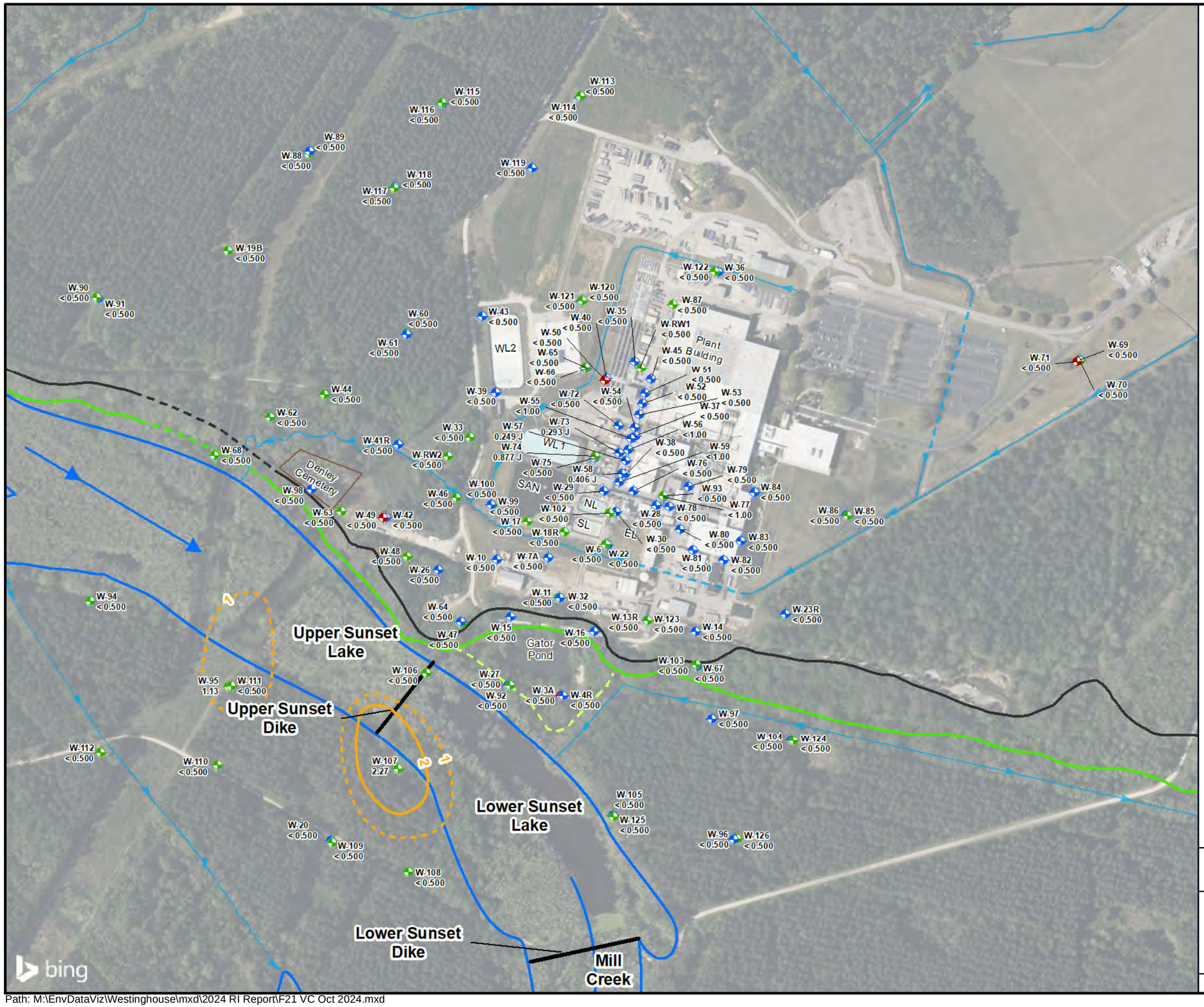
AECOM
2151 Pickens Street, Suite 301
Columbia, SC 29201
T: (803) 254-4400 F: (803) 771-6676

Extent of VC in Groundwater April 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 20

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F20 VC April 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Ditch
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- VC Isoconcentration Contour (2 ug/L)
- VC Isoconcentration Contour at or Above the Detection Limit (ug/L)
- 2.27 — VC Concentration in ug/L
- J — Result below reporting limit
- EL — Former East Lagoon
- NL — North Lagoon
- SL — South Lagoon
- SAN — Sanitary Lagoon
- WL1 — West Lagoon 1
- WL2 — West Lagoon 2

Notes:

Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

N

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

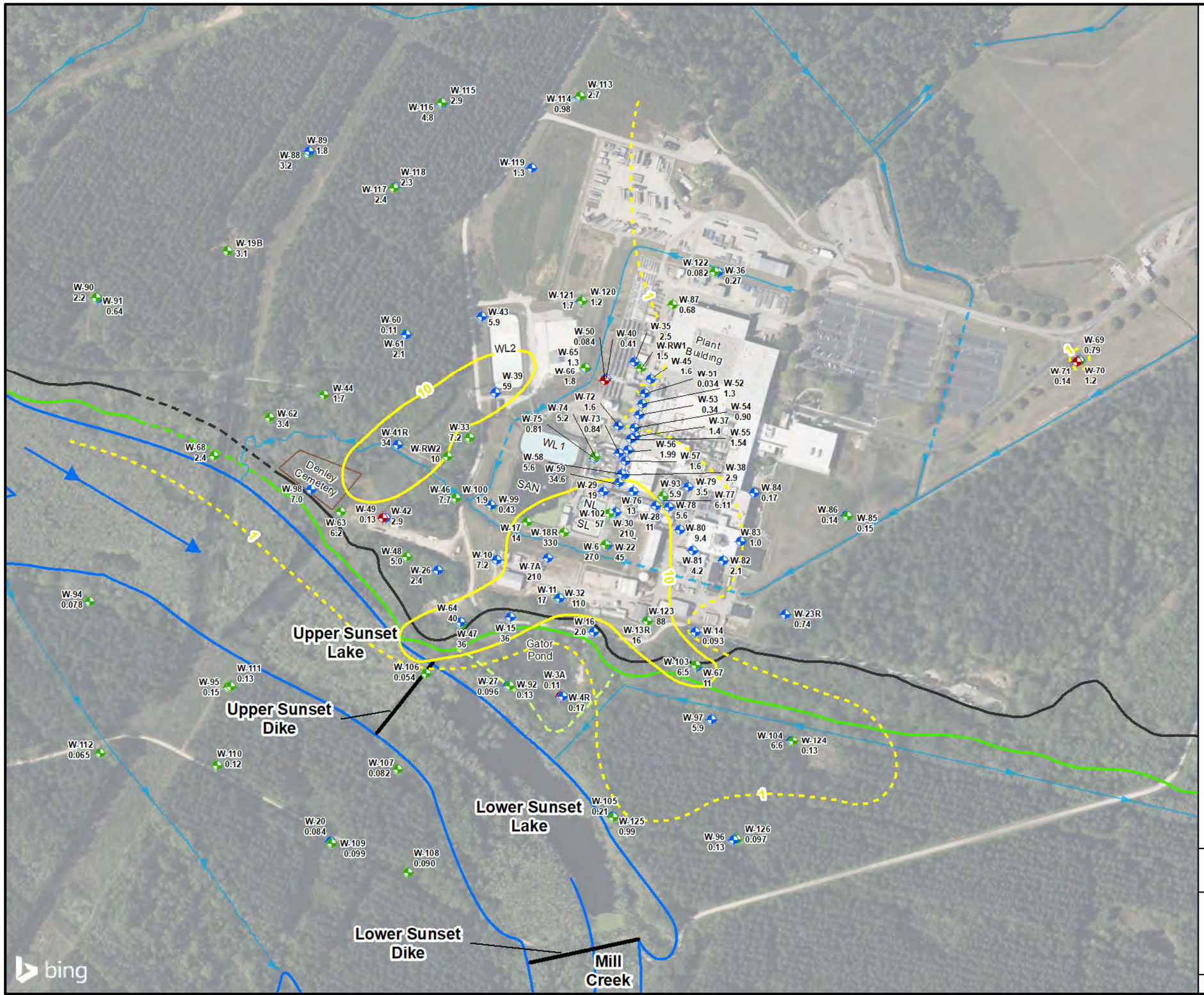
AECOM
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Extent of VC in Groundwater October 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 21

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F21 VC Oct 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- Nitrate Isoconcentration Contour (10 mg/L)
- Nitrate Isoconcentration Contour at or Above the Detection Limit (mg/L)
- 330 Nitrate Concentration in mg/L
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon 1
- WL2 West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

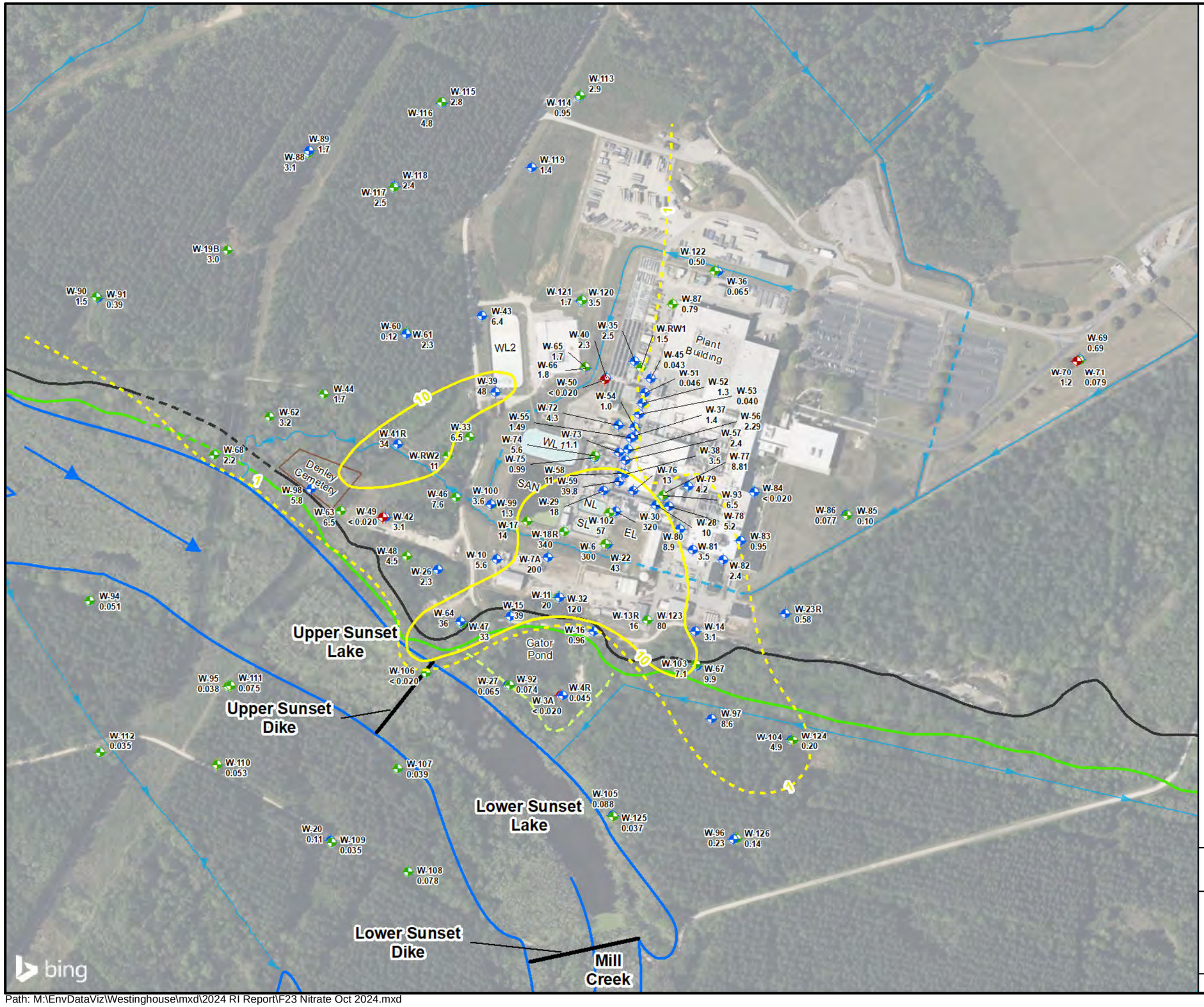
AECOM
2151 Pickens Street, Suite 301
Columbia, SC 29201
T: (803) 254-4400 F: (803) 771-6676

Extent of Nitrate in Groundwater April 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 22

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F22 Nitrate April 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- Nitrate Isoconcentration Contour (10 mg/L)
- Nitrate Isoconcentration Contour at or Above the Detection Limit (mg/L)
- 340 Nitrate Concentration in mg/L
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon 1
- WL2 West Lagoon 2

Notes:

Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

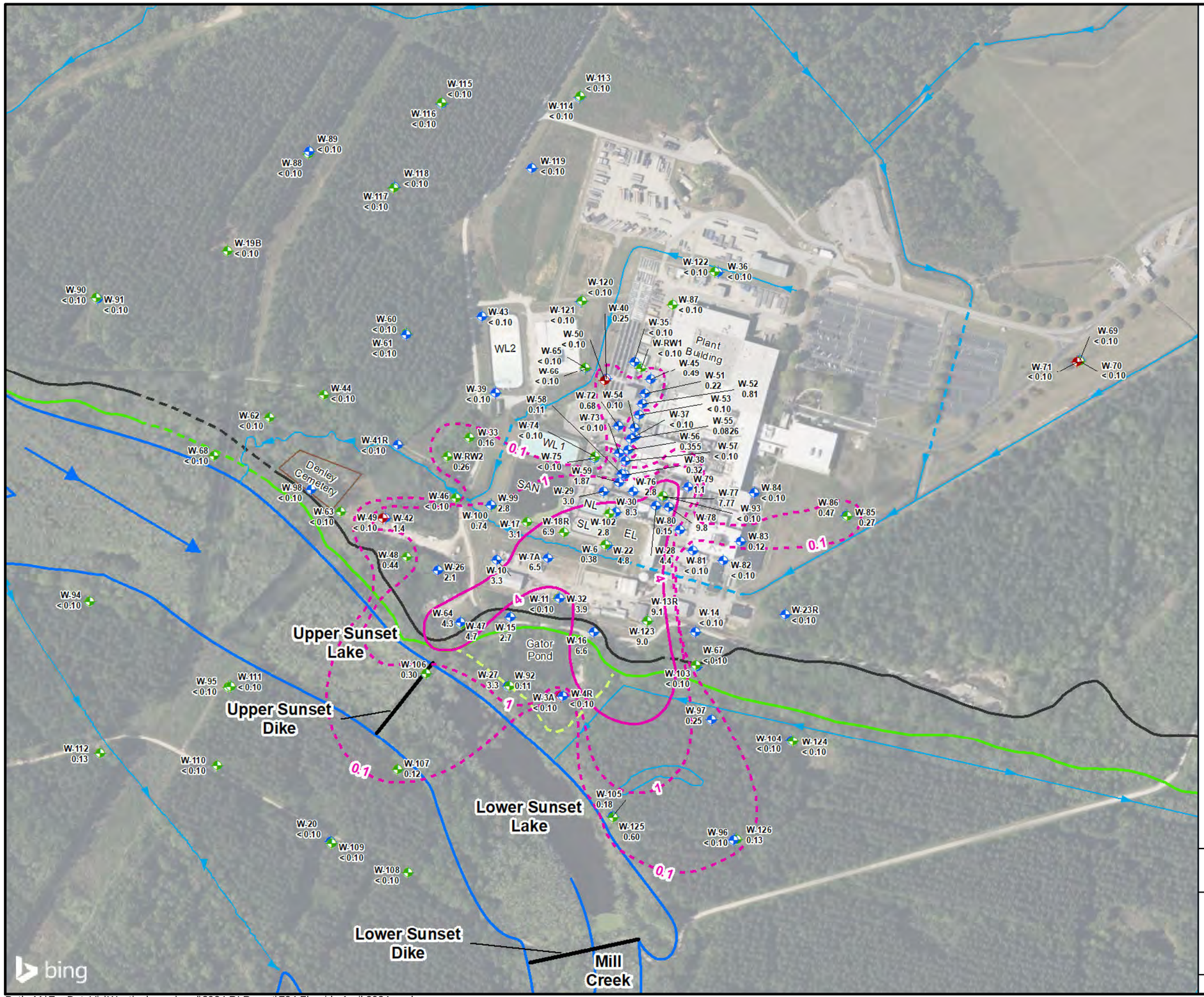
AECOM
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Columbia, SC 29201
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Extent of Nitrate in Groundwater October 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	FIGURE 23
60700386	CCS	January 2025	

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F23 Nitrate Oct 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- Fluoride Isoconcentration Contour (4 mg/L)
- Fluoride Isoconcentration Contour at or Above the Detection Limit (mg/L)
- 9.8 Fluoride Concentration in mg/L
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon 1
- WL2 West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

N

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet
NAD: North American Datum 1983

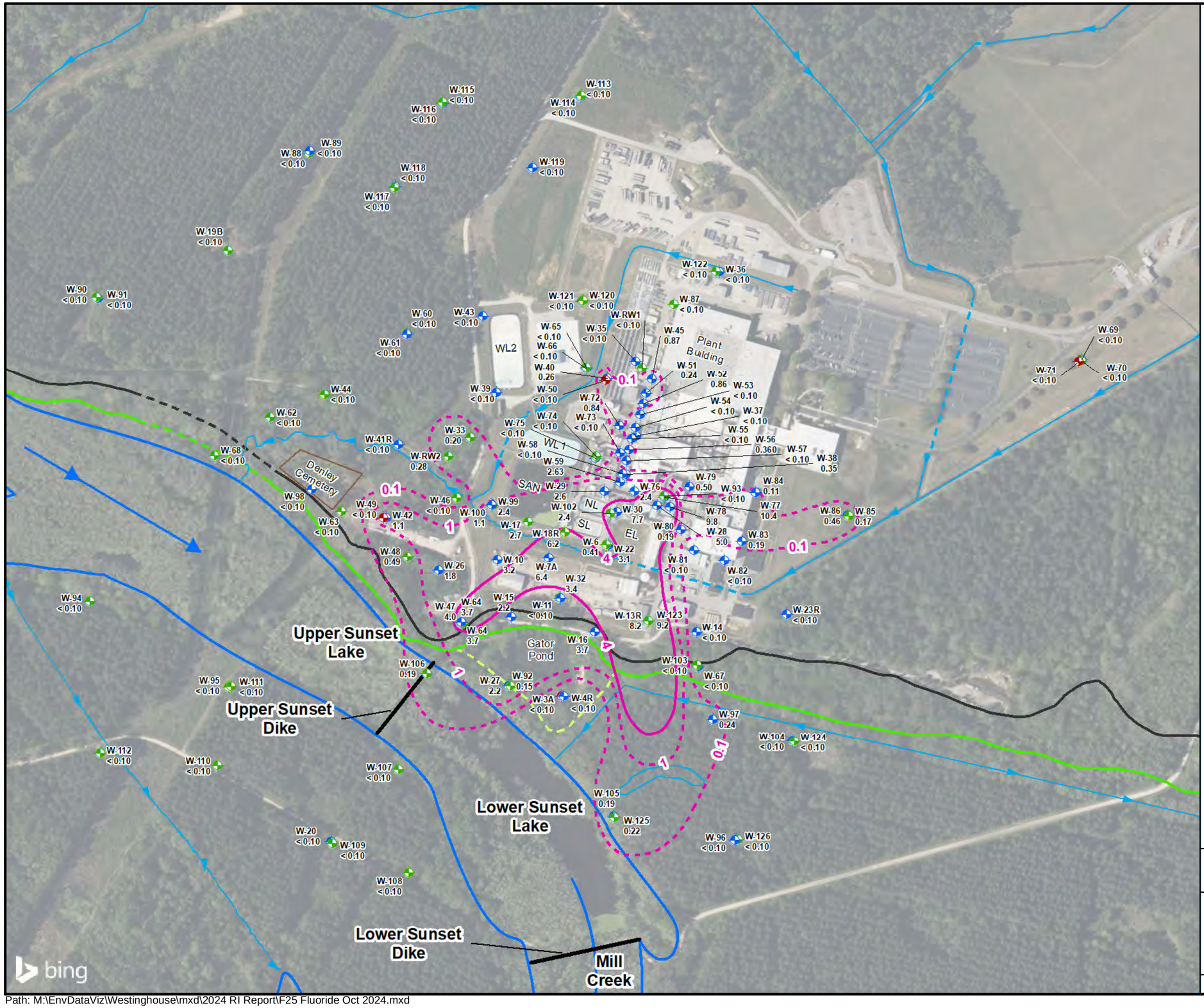
AECOM
2151 Pickens Street, Suite 301
Columbia, SC 29201
T: (803) 254-4400 F: (803) 771-6676

Extent of Fluoride in Groundwater April 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 24

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F24 Fluoride April 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- Fluoride Isoconcentration Contour (4 mg/L)
- Fluoride Isoconcentration Contour at or Above the Detection Limit (mg/L)
- 10.4 Fluoride Concentration in mg/L
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon 1
- WL2 West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

N

0 200 400
Feet
1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet
NAD: North American Datum 1983

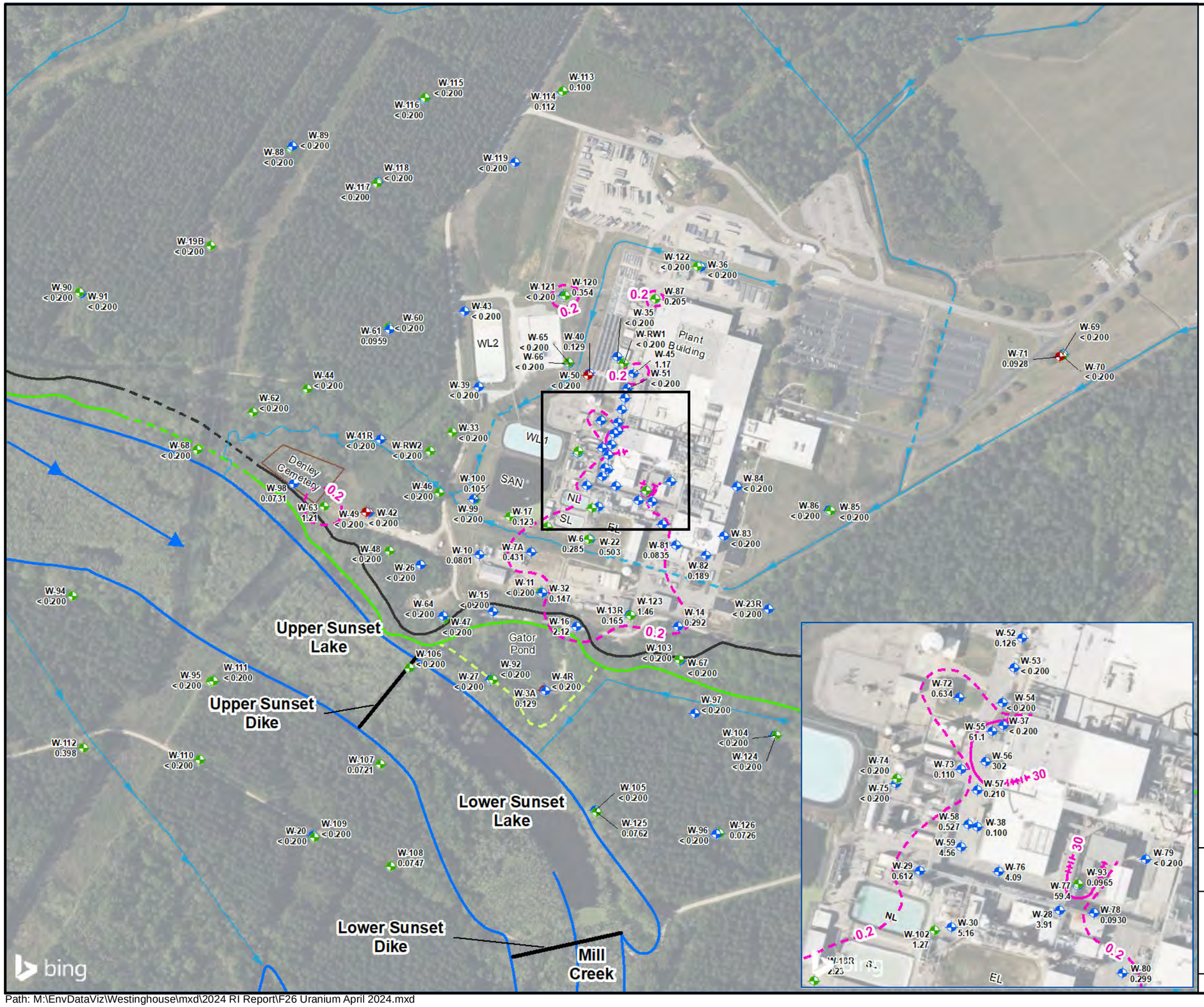
AECOM
2151 Pickens Street, Suite 301
Columbia, SC 29201
T: (803) 254-4400 F: (803) 771-6676

Extent of Fluoride in Groundwater October 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 25

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F25 Fluoride Oct 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- Uranium Isoconcentration Contour (30 µg/L)
- Uranium Inferred Isoconcentration Contour (µg/L)
- Uranium Isoconcentration Contour at or Above the Minimum Detectible Concentration (µg/L)

302	Total Uranium in µg/L
J	Result below reporting limit
EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon 1
WL2	West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

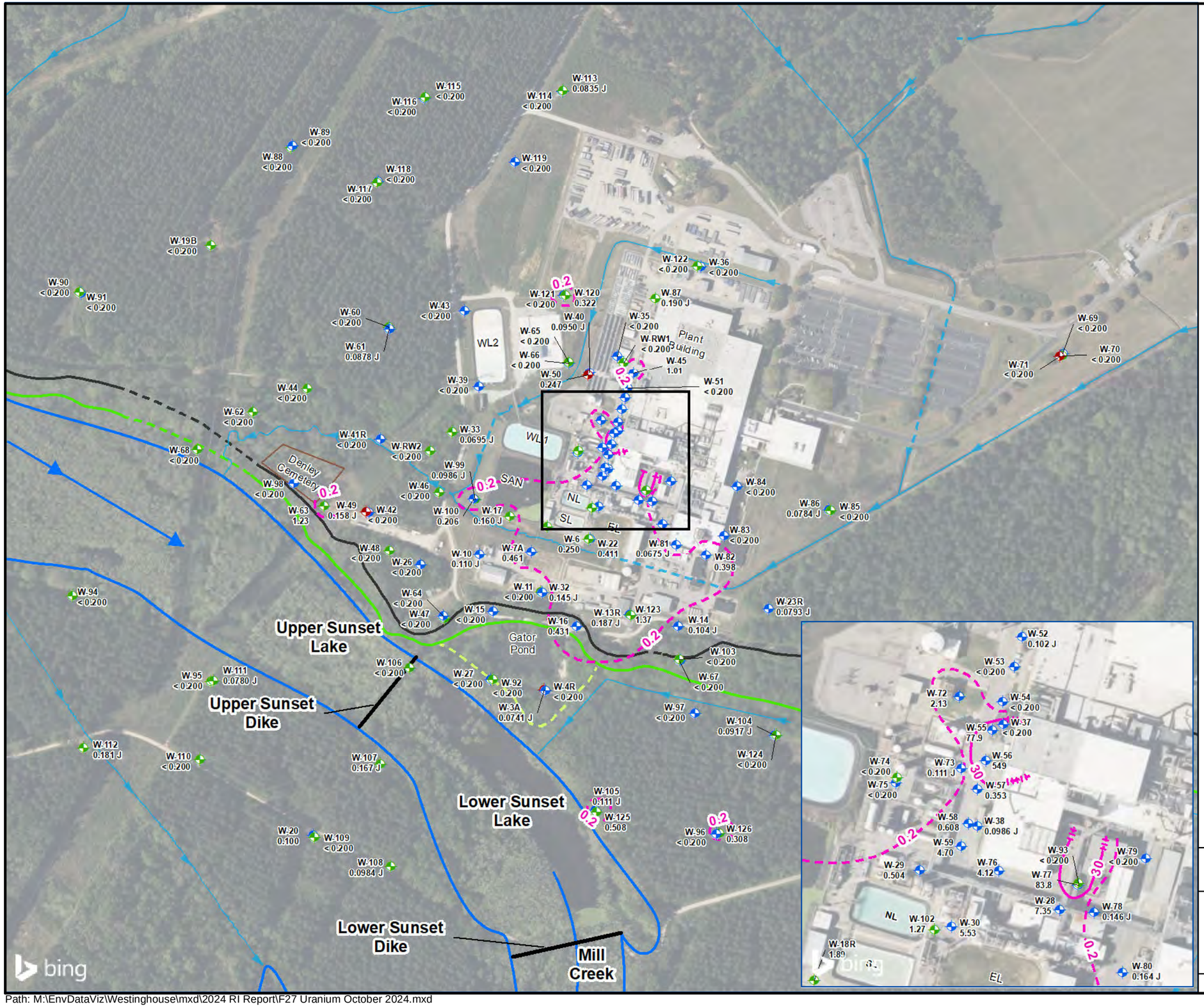
AECOM
2151 Pickens Street, Suite 301
Columbia, SC 29201
T: (803) 254-4400 F: (803) 771-6676

Extent of Uranium in Groundwater April 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 26

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F26 Uranium April 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- Uranium Isoconcentration Contour (30 µg/L)
- Uranium Inferred Isoconcentration Contour (µg/L)
- Uranium Isoconcentration Contour at or Above the Minimum Detectible Concentration (µg/L)

549	Total Uranium in µg/L
J	Result below reporting limit
EL	Former East Lagoon
NL	North Lagoon
SL	South Lagoon
SAN	Sanitary Lagoon
WL1	West Lagoon 1
WL2	West Lagoon 2

Notes:
Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

N

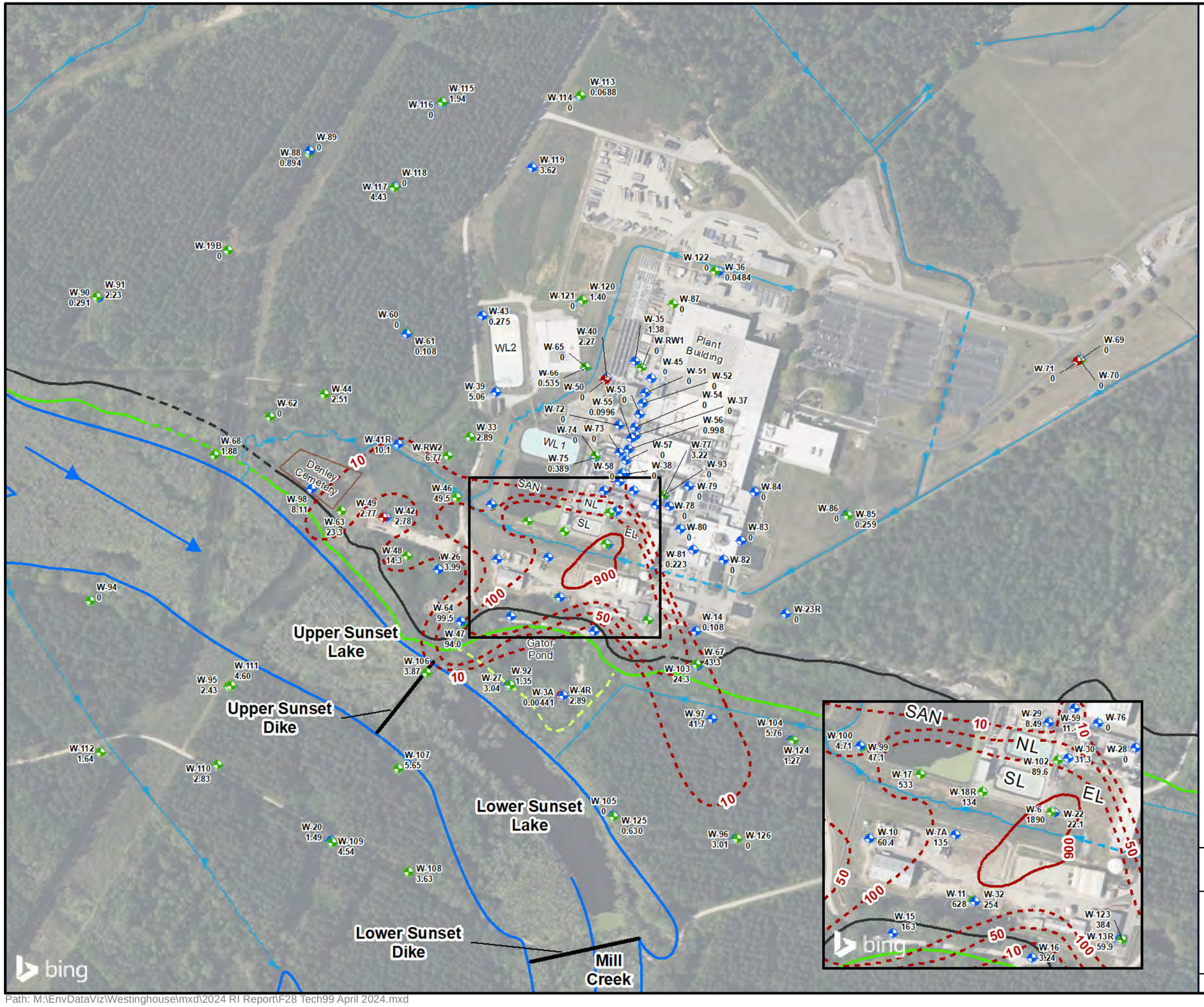
AECOM
2151 Pickens Street, Suite 301
Columbia, SC 29201
T: (803) 254-4400 F: (803) 771-6676

Extent of Uranium in Groundwater October 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 27

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F27 Uranium October 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- Tc-99 Isoconcentration Contour (900 pCi/L)
- Tc-99 Isoconcentration Contour at or Above the Minimum Detectible Concentration (pCi/L)
- 1,890 — Technetium-99 Concentration in pCi/L
- 0 — Concentration reported as a negative number by the analytical laboratory
- EL — Former East Lagoon
- NL — North Lagoon
- SL — South Lagoon
- SAN — Sanitary Lagoon
- WL1 — West Lagoon 1
- WL2 — West Lagoon 2

Notes:

Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

N

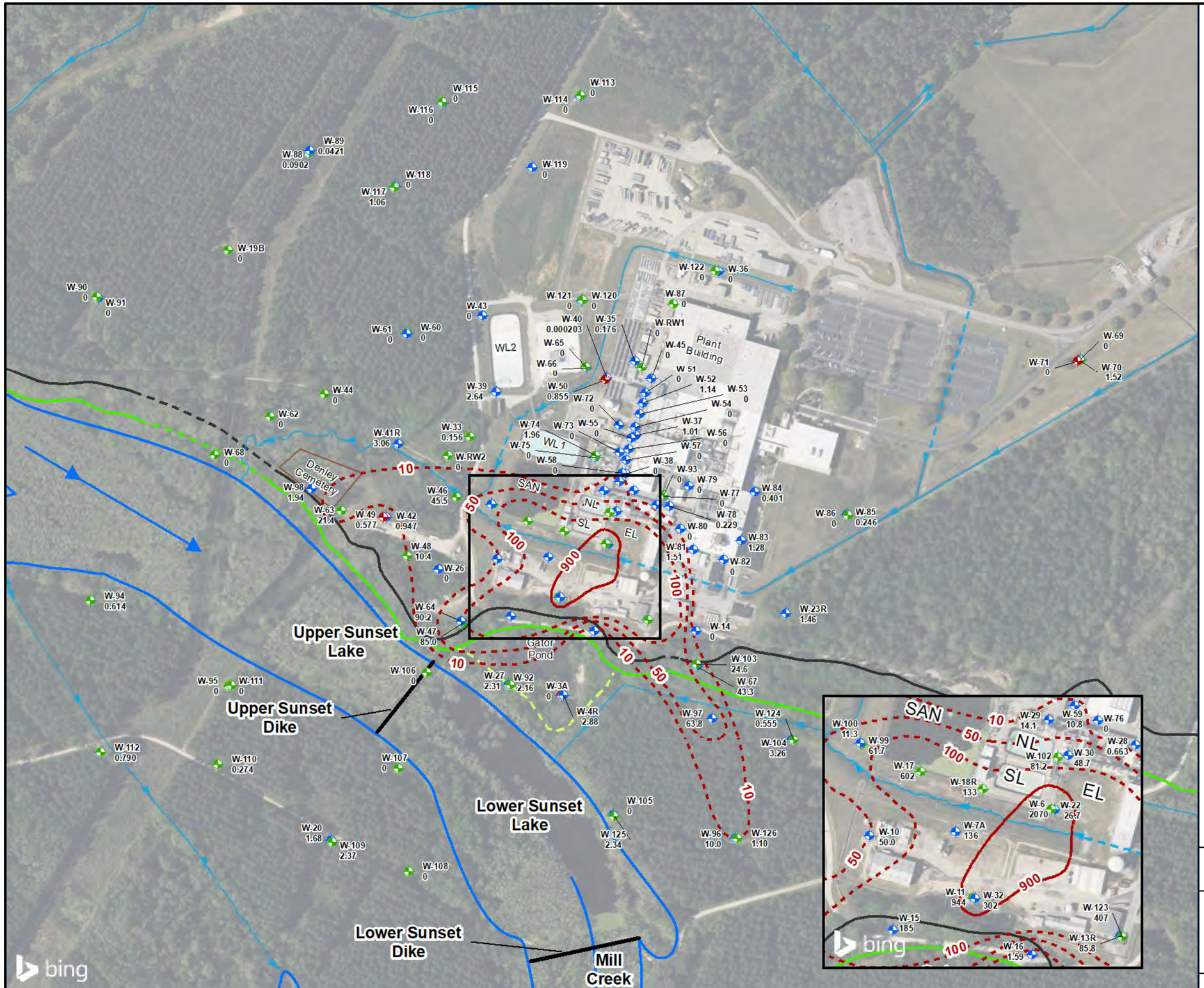
AECOM
2151 Pickens Street, Suite 301
Columbia, SC 29201
T: (803) 254-4400 F: (803) 771-6676

Extent of Technetium-99 in Groundwater April 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 28

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F28 Tech99 April 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- Tc-99 Isoconcentration Contour (900 pCi/L)
- Tc-99 Isoconcentration Contour at or Above the Minimum Detectible Concentration (pCi/L)
- 2070 — Technetium-99 Concentration in pCi/L
- 0 — Concentration reported as a negative number by the analytical laboratory
- EL — Former East Lagoon
- NL — North Lagoon
- SL — South Lagoon
- SAN — Sanitary Lagoon
- WL1 — West Lagoon 1
- WL2 — West Lagoon 2

Notes:

Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

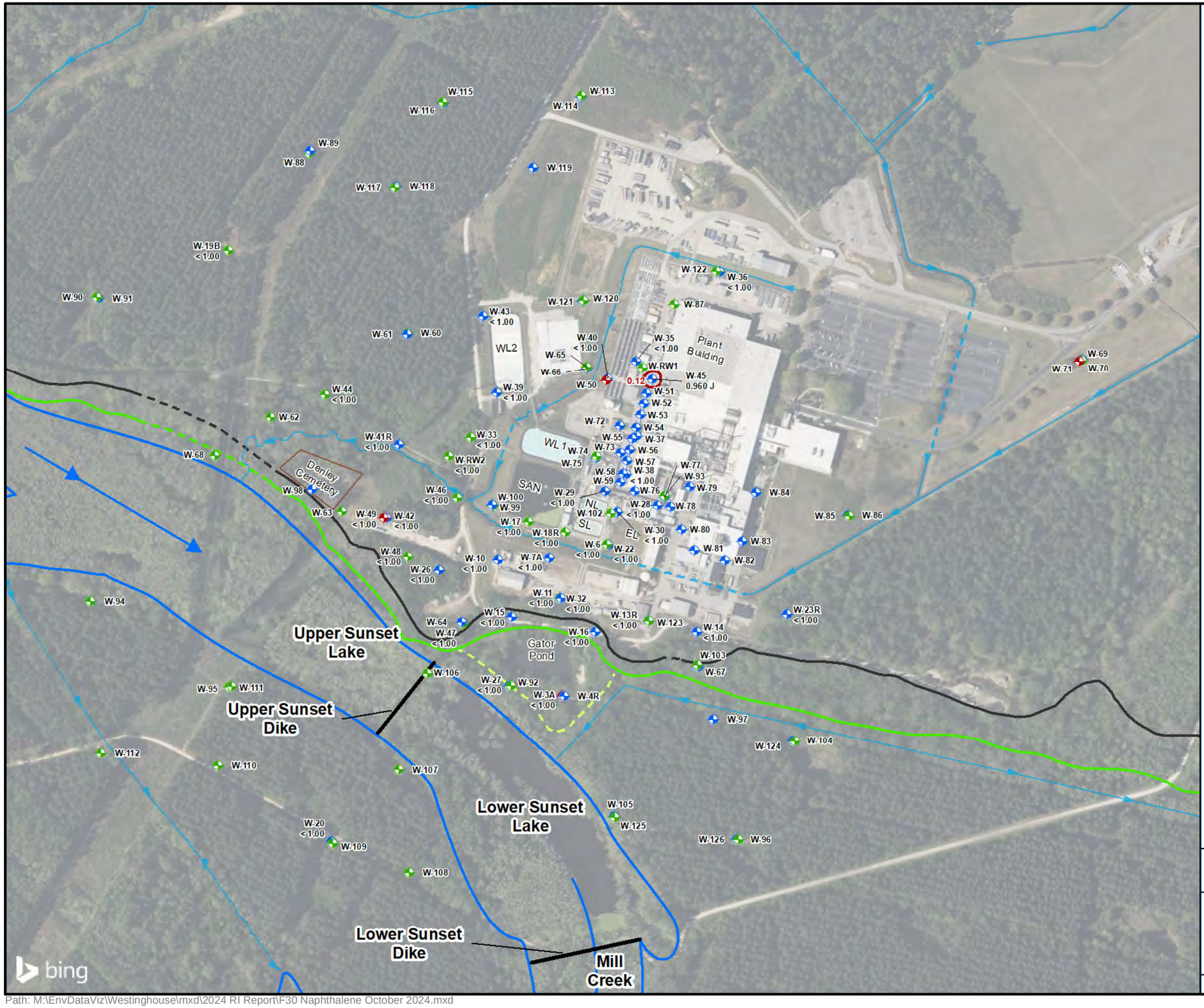
AECOM
2151 Pickens Street, Suite 301
Columbia, SC 29201
T: (803) 254-4400 F: (803) 771-6676

Extent of Technetium-99 in Groundwater October 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 29

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F29 Tech99 October 2024.mxd



Legend

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Creek Aquifer Monitoring Well
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area
- Naphthalene Isoconcentration Contour (Regional Screening Level = 0.12 ug/L)
- 5.15 Naphthalene Concentration in ug/L
- EL Former East Lagoon
- NL North Lagoon
- SL South Lagoon
- SAN Sanitary Lagoon
- WL1 West Lagoon 1
- WL2 West Lagoon 2

Notes:

Although the river terrace sediments above and below the bluff are of different geologic ages (Pleistocene-vs-Holocene), they were deposited under similar conditions, have similar lithologies and are hydrogeologically connected as a single surficial aquifer.

0 200 400 Feet

1 inch = 400 feet

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet

Datum: North American 1983

AECOM
101 Research Drive
Columbia, SC 29203
T: (803) 254-4400 F: (803) 771-6676

Extent of Naphthalene in Groundwater October 2024

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY
HOPKINS, SOUTH CAROLINA

PROJECT NO.	PREPARED BY:	DATE:	
60700386	CCS	January 2025	FIGURE 30

Path: M:\EnvDataViz\Westinghouse\mxd\2024 RI Report\F30 Naphthalene October 2024.mxd

Tables

Table 1 - Monitoring Well Construction Details
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Well Number	Northing	Easting	Date Installed	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	Casing Stickup (ft)	Well Diameter (in)	Casing Type	Total Depth (ft bgs)	Screen Length (ft)	Screen Interval (ft bgs)	Classification
W-RW-1	745689.8390	2024255.5150	4/1/1995	136.00	136.95	0.95	4.0	Steel	32.17	10	22-32	Surficial - Lower Zone
W-RW2	745325.1547	2023458.2190	3/10/1995	136.98	139.93	2.95	4.0	Steel	28.40	10	18.5-28.5	Surficial - Lower Zone
W-3A	744340.2273	2023926.2926	6/11/1985	117.64	120.08	2.44	2.0	PVC	82.86	10	73-83	Black Creek
W-4R	744339.0788	2023932.0410	7/23/2021	117.27	119.82	2.55	2.0	PVC	14.55	10	4.5-14.5	Surficial - Upper Zone
W-6	744963.2941	2024109.6154	5/15/1980	136.96	136.46	-0.50	2.0	PVC	27.80	5	23-28	Surficial - Lower Zone
W-7A	744907.4275	2023872.2237	2/19/1992	132.94	135.06	2.12	2.0	PVC	17.95	5	13-18	Surficial - Upper Zone
W-10	744897.8502	2023659.8964	5/14/1980	136.89	136.81	-0.08	2.0	PVC	22.31	5	17.5-22.5	Surficial - Upper Zone
W-11	744743.0468	2023914.5566	5/14/1980	138.45	140.76	2.31	2.0	PVC	24.97	3	22-25	Surficial - Lower Zone
W-13R	744648.7070	2024279.2522	10/8/2010	136.38	136.13	-0.25	2.0	PVC	20.53	5	15.5-20.5	Surficial - Upper Zone
W-14	744603.1956	2024478.6507	5/4/1988	136.22	137.83	1.61	2.0	PVC	28.91	5	24-29	Surficial - Upper Zone
W-15	744663.4226	2023716.7929	5/15/1980	126.67	127.90	1.23	2.0	PVC	20.71	5	15.5-20.5	Surficial - Upper Zone
W-16	744602.3196	2024060.2560	5/15/1980	125.50	125.96	0.46	2.0	PVC	14.15	3	11-14	Surficial - Upper Zone
W-17	745055.2186	2023785.3818	5/30/1980	137.57	139.27	1.70	2.0	PVC	27.97	5	23-28	Surficial - Lower Zone
W-18R	745012.6889	2023939.2527	Unknown	137.15	136.71	-0.44	2.0	PVC	27.60	5	22.5-27.5	Surficial - Lower Zone
W-19B	746172.6764	2022552.9543	3/17/1995	140.58	142.85	2.27	4.0	PVC	40.67	10	30.5-40.5	Surficial - Lower Zone
W-20	743739.6310	2022975.3834	7/10/1980	113.27	116.16	2.89	2.0	PVC	15.61	5	10.5-15.5	Surficial - Upper Zone
W-22	744960.9243	2024116.3963	7/12/1980	137.08	136.51	-0.57	2.0	PVC	15.10	5	10-15	Surficial - Upper Zone
W-23R	744674.7363	2024851.2620	7/22/2011	137.45	140.47	3.02	2.0	PVC	20.93	5	16-21	Surficial - Upper Zone
W-24	746742.5552	2027344.7554	7/9/1980	139.83	141.94	2.11	2.0	PVC	14.99	5	10-15	Surficial - Upper Zone
W-25	742114.3330	2022728.9859	7/9/1980	114.98	115.88	0.90	2.0	PVC	27.37	5	22.5-27.5	Surficial - Upper Zone
W-26	744855.2926	2023417.6899	7/11/1980	140.59	142.21	1.62	2.0	PVC	30.65	5	25.5-30.5	Surficial - Upper Zone
W-27	744383.9028	2023708.2286	7/13/1980	120.22	121.87	1.65	2.0	PVC	14.77	5	10-15	Surficial - Upper Zone
W-28	745121.7794	2024317.4127	7/13/1980	136.98	138.88	1.90	2.0	PVC	15.30	5	10-15	Surficial - Upper Zone
W-29	745182.7704	2024101.6410	7/12/1980	136.96	138.61	1.65	2.0	PVC	13.96	5	9-14	Surficial - Upper Zone
W-30	745095.1563	2024150.8369	7/11/1980	136.87	138.81	1.94	2.0	PVC	14.83	5	10-15	Surficial - Upper Zone
W-32	744742.1011	2023919.8088	7/15/1980	138.33	140.34	2.01	2.0	PVC	21.89	5	17-22	Surficial - Upper Zone
W-33	745402.9946	2023548.6640	7/15/1980	138.06	139.33	1.27	2.0	PVC	19.86	5	15-20	Surficial - Lower Zone
W-35	745716.6972	2024227.9328	2/18/1992	136.59	139.07	2.48	2.0	PVC	20.38	5	15.5-20.5	Surficial - Upper Zone
W-36	746084.8252	2024573.1745	2/19/1992	134.16	136.29	2.13	2.0	PVC	19.80	5	15-20	Surficial - Upper Zone
W-37	745407.3901	2024230.7318	2/11/1992	136.58	139.04	2.46	2.0	PVC	20.41	5	15.5-20.5	Surficial - Upper Zone
W-38	745250.3065	2024192.9679	2/18/1992	136.71	136.51	-0.20	2.0	PVC	20.15	5	15-20	Surficial - Upper Zone
W-39	745587.4130	2023656.6724	1/27/1994	139.08	141.15	2.07	2.0	PVC	23.04	10	13-23	Surficial - Upper Zone
W-40	745646.5324	2024112.4795	7/18/1984	136.42	139.26	2.84	2.0	PVC	14.38	10	4.5-14.5	Surficial - Upper Zone
W-41R	745372.8885	2023252.5925	Unknown	131.02	133.81	2.79	2.0	PVC	24.34	10	14.5-24.5	Surficial - Upper Zone
W-42	745072.3463	2023203.3177	1/27/1994	137.83	140.96	3.13	2.0	PVC	29.89	10	20-30	Surficial - Upper Zone
W-43	745904.3053	2023600.1186	1/27/1994	138.09	141.33	3.24	2.0	PVC	21.01	10	11-21	Surficial - Upper Zone

Table 1 - Monitoring Well Construction Details
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Well Number	Northing	Easting	Date Installed	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	Casing Stickup (ft)	Well Diameter (in)	Casing Type	Total Depth (ft bgs)	Screen Length (ft)	Screen Interval (ft bgs)	Classification
W-44	745579.8931	2022950.1077	2/1/1994	131.93	134.86	2.93	2.0	PVC	27.04	10	17-27	Surficial - Lower Zone
W-45	745644.0322	2024296.0965	7/18/1984	137.20	140.02	2.82	2.0	PVC	15.38	10	5.5-15.5	Surficial - Upper Zone
W-46	745154.5936	2023494.4570	3/27/1995	132.39	134.74	2.35	4.0	PVC	25.85	10	16-26	Surficial - Lower Zone
W-47	744633.7657	2023515.8706	3/31/1995	140.70	141.90	1.20	4.0	PVC	45.60	10	34.5-44.5	Surficial - Lower Zone
W-48	744913.2226	2023290.4438	3/30/1995	139.74	142.56	2.82	4.0	PVC	41.68	10	31.5-41.5	Surficial - Lower Zone
W-49	745073.2286	2023192.6302	3/15/1995	137.82	140.25	2.43	2.0	PVC	117.77	10	108-118	Black Creek
W-50	745637.2219	2024107.3993	3/21/1995	136.79	139.58	2.79	2.0	PVC	125.01	10	115-125	Black Creek
W-51	745583.8582	2024270.8300	9/19/2018	136.67	136.51	-0.16	2.0	PVC	14.71	5	9.5-14.5	Surficial - Upper Zone
W-52	745542.3624	2024260.1657	9/19/2018	136.71	136.19	-0.52	2.0	PVC	15.52	5	10.5-15.5	Surficial - Upper Zone
W-53	745495.9968	2024247.5619	9/19/2018	136.83	136.54	-0.29	2.0	PVC	15.75	5	11-16	Surficial - Upper Zone
W-54	745442.5511	2024229.9796	9/19/2018	136.79	136.52	-0.27	2.0	PVC	15.82	5	11-16	Surficial - Upper Zone
W-55	745397.6509	2024214.0049	9/20/2018	136.90	136.63	-0.27	2.0	PVC	15.24	5	10-15	Surficial - Upper Zone
W-56	745351.3097	2024203.7460	9/20/2018	136.83	136.68	-0.15	2.0	PVC	15.13	5	10-15	Surficial - Upper Zone
W-57	745307.4270	2024190.7853	9/20/2018	136.90	136.73	-0.17	2.0	PVC	15.12	5	10-15	Surficial - Upper Zone
W-58	745254.0864	2024176.3347	9/18/2018	136.85	136.37	-0.48	2.0	PVC	15.47	5	10.5-15.5	Surficial - Upper Zone
W-59	745219.3681	2024165.8802	9/18/2018	136.10	136.42	0.32	2.0	PVC	14.65	5	9.5-14.5	Surficial - Upper Zone
W-60	745835.5835	2023286.8131	10/8/2018	137.25	140.20	2.95	2.0	PVC	37.87	5	33-38	Surficial - Lower Zone
W-61	745829.2570	2023288.2599	10/9/2018	137.34	140.60	3.26	2.0	PVC	23.50	10	13.5-23.5	Surficial - Upper Zone
W-62	745485.4613	2022726.0792	10/9/2018	125.63	128.38	2.75	2.0	PVC	24.85	5	20-25	Surficial - Lower Zone
W-63	745098.1342	2023019.4184	10/10/2018	138.78	141.02	2.24	2.0	PVC	41.90	5	37-42	Surficial - Lower Zone
W-64	744643.8030	2023511.3331	10/10/2018	140.15	142.75	2.60	2.0	PVC	31.60	10	21.5-31.5	Surficial - Upper Zone
W-65	745693.7040	2024027.4543	10/12/2018	138.17	140.95	2.78	2.0	PVC	31.69	5	26.5-31.5	Surficial - Lower Zone
W-66	745687.8186	2024027.1699	10/12/2018	138.01	140.91	2.90	2.0	PVC	22.35	10	12.5-22.5	Surficial - Upper Zone
W-67	744459.5852	2024485.7938	10/15/2018	132.60	135.26	2.66	2.0	PVC	31.81	10	22-32	Surficial - Upper Zone
W-68	745329.2457	2022496.2174	11/1/2018	113.40	116.53	3.13	2.0	PVC	18.14	5	13-18	Surficial - Lower Zone
W-69	745726.9177	2026064.2900	6/11/2019	137.67	140.64	2.97	2.0	PVC	18.08	10	8-18	Surficial - Upper Zone
W-70	745719.2209	2026062.8740	6/20/2019	138.02	141.00	2.98	2.0	PVC	48.92	5	44-49	Surficial - Lower Zone
W-71	745716.6462	2026052.3340	9/19/2019	137.96	140.72	2.77	2.0	PVC	102.83	10	93-103	Black Creek
W-72	745450.2503	2024162.6920	6/30/2019	136.81	136.29	-0.53	2.0	PVC	15.01	10	5-15	Surficial - Upper Zone
W-73	745339.3056	2024166.2500	6/30/2019	136.85	136.45	-0.40	2.0	PVC	16.00	10	6-16	Surficial - Upper Zone
W-74	745325.1257	2024067.1720	9/17/2019	136.64	139.93	3.29	2.0	PVC	30.60	5	25.5-30.5	Surficial - Lower Zone
W-75	745317.2335	2024064.7580	9/17/2019	136.60	139.85	3.25	2.0	PVC	15.33	10	5.5-15.5	Surficial - Upper Zone
W-76	745181.1851	2024223.5230	6/29/2019	137.04	136.85	-0.19	2.0	PVC	15.14	10	5-15	Surficial - Upper Zone
W-77	745158.9297	2024346.1090	9/18/2019	136.85	136.53	-0.32	2.0	PVC	15.62	10	5.5-15.5	Surficial - Upper Zone
W-78	745117.7529	2024371.0300	9/19/2019	136.75	136.31	-0.44	2.0	PVC	15.57	10	5.5-15.5	Surficial - Upper Zone
W-79	745200.3957	2024450.2660	6/29/2019	136.49	136.12	-0.38	2.0	PVC	15.67	10	5.5-15.5	Surficial - Upper Zone

Table 1 - Monitoring Well Construction Details
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Well Number	Northing	Easting	Date Installed	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	Casing Stickup (ft)	Well Diameter (in)	Casing Type	Total Depth (ft bgs)	Screen Length (ft)	Screen Interval (ft bgs)	Classification
W-80	745024.3899	2024414.6850	6/29/2019	136.34	135.87	-0.47	2.0	PVC	15.75	10	5.5-15.5	Surficial - Upper Zone
W-81	744938.6049	2024469.8490	6/29/2019	136.81	136.43	-0.39	2.0	PVC	15.69	10	5.5-15.5	Surficial - Upper Zone
W-82	744895.9297	2024594.1720	6/29/2019	136.57	136.23	-0.34	2.0	PVC	15.62	10	5.5-15.5	Surficial - Upper Zone
W-83	744975.0629	2024667.4890	6/29/2019	136.22	135.81	-0.41	2.0	PVC	26.43	10	16.5-26.5	Surficial - Upper Zone
W-84	745177.2489	2024721.4980	6/30/2019	136.66	135.99	-0.67	2.0	PVC	20.97	10	11-21	Surficial - Upper Zone
W-85	745079.7122	2025107.6820	6/11/2019	135.74	138.69	2.95	2.0	PVC	44.82	5	40-45	Surficial - Lower Zone
W-86	745082.2852	2025100.8040	6/11/2019	135.68	138.77	3.09	2.0	PVC	35.08	10	25-35	Surficial - Upper Zone
W-87	745952.7641	2024385.8120	6/30/2019	136.66	136.39	-0.27	2.0	PVC	33.15	5	28-33	Surficial - Lower Zone
W-88	746574.7739	2022883.9580	6/17/2019	140.06	143.10	3.04	2.0	PVC	41.38	5	36.5-41.5	Surficial - Lower Zone
W-89	746583.3384	2022888.2490	6/13/2019	140.12	142.82	2.70	2.0	PVC	25.53	10	15.5-25.5	Surficial - Upper Zone
W-90	745981.1215	2022011.5510	6/13/2019	140.23	143.33	3.10	2.0	PVC	39.99	5	35-40	Surficial - Lower Zone
W-91	745976.3596	2022016.7650	6/13/2019	139.57	142.81	3.24	2.0	PVC	25.07	10	15-25	Surficial - Upper Zone
W-92	744382.4699	2023714.9210	6/12/2019	120.11	123.33	3.22	2.0	PVC	33.78	5	29-34	Surficial - Lower Zone
W-93	745162.2579	2024346.8430	9/18/2019	136.87	136.49	-0.38	2.0	PVC	35.36	5	30.5-35.5	Surficial - Lower Zone
W-94	744728.0254	2021983.5560	9/17/2019	115.28	118.04	2.76	2.0	PVC	29.48	5	24.5-29.5	Surficial - Lower Zone
W-95	744375.6603	2022553.4620	9/17/2019	113.53	116.40	2.86	2.0	PVC	33.43	5	28.5-33.5	Surficial - Lower Zone
W-96	743746.7835	2024643.8120	9/17/2019	113.65	116.46	2.81	2.0	PVC	29.96	5	25-30	Surficial - Upper Zone
W-97	744244.0503	2024547.7590	9/17/2019	113.92	116.93	3.01	2.0	PVC	18.94	5	14-19	Surficial - Upper Zone
W-98	745190.4186	2022894.5358	1/29/2021	135.52	138.65	3.13	2.0	PVC	26.72	10	17-27	Surficial - Upper Zone
W-99	745123.5105	2023640.5364	1/27/2021	129.78	133.84	4.06	2.0	PVC	19.77	5	16-21	Surficial - Lower Zone
W-100	745126.2199	2023636.3622	1/28/2021	129.47	133.47	4.00	2.0	PVC	11.07	5	7-12	Surficial - Upper Zone
W-102	745090.1200	2024124.4415	12/9/2020	137.08	136.86	-0.22	2.0	PVC	33.72	5	28.5-33.5	Surficial - Lower Zone
W-103	744466.6874	2024483.1317	1/27/2021	132.56	134.87	2.32	2.0	PVC	39.41	5	34.5-39.5	Surficial - Lower Zone
W-104	744154.7155	2024875.5065	1/25/2021	115.45	118.48	3.03	2.0	PVC	17.37	10	7.5-17.5	Surficial - Upper Zone
W-105	743843.4667	2024138.0034	1/26/2021	114.80	117.57	2.77	2.0	PVC	24.13	10	14-24	Surficial - Upper Zone
W-106	744431.5527	2023371.3176	2/15/2021	115.68	118.69	3.01	2.0	PVC	29.66	5	24.5-29.5	Surficial - Lower Zone
W-107	744034.1147	2023252.1811	1/25/2021	112.27	115.23	2.96	2.0	PVC	34.39	5	29-34	Surficial - Lower Zone
W-108	743611.3486	2023295.2256	1/28/2021	111.93	115.41	3.49	2.0	PVC	32.35	5	27-32	Surficial - Lower Zone
W-109	743731.8238	2022981.0635	1/28/2021	112.81	115.68	2.87	2.0	PVC	32.15	5	27-32	Surficial - Lower Zone
W-110	744051.9526	2022508.2574	1/27/2021	113.21	116.42	3.21	2.0	PVC	33.69	5	29-34	Surficial - Lower Zone
W-111	744378.2719	2022564.9340	1/26/2021	113.68	116.92	3.24	2.0	PVC	81.16	5	76-81	Surficial - Lower Zone
W-112	744101.6181	2022027.5127	1/27/2021	112.93	116.07	3.14	2.0	PVC	33.76	5	29-34	Surficial - Lower Zone
W-113	746811.1979	2024004.2673	7/28/2021	135.66	138.55	2.89	2.0	PVC	36.16	5	31-36	Surficial - Lower Zone
W-114	746806.0447	2024001.4779	7/29/2021	135.54	138.75	3.21	2.0	PVC	20.34	10	10-20	Surficial - Upper Zone
W-115	746784.3022	2023435.7961	7/27/2021	139.06	141.71	2.66	2.0	PVC	45.69	5	40.5-45.5	Surficial - Lower Zone
W-116	746778.9455	2023433.2473	7/26/2021	138.99	141.91	2.92	2.0	PVC	20.25	10	10-20	Surficial - Upper Zone

Table 1 - Monitoring Well Construction Details
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Well Number	Northing	Easting	Date Installed	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	Casing Stickup (ft)	Well Diameter (in)	Casing Type	Total Depth (ft bgs)	Screen Length (ft)	Screen Interval (ft bgs)	Classification
W-117	746432.6567	2023237.7007	7/27/2021	140.82	143.76	2.94	2.0	PVC	43.79	5	39-44	Surficial - Lower Zone
W-118	746437.2354	2023241.0797	7/28/2021	140.78	143.74	2.96	2.0	PVC	29.49	10	19.5-29.5	Surficial - Upper Zone
W-119	746515.7592	2023805.6944	7/23/2021	139.48	142.24	2.75	2.0	PVC	30.25	5	25-30	Surficial - Upper Zone
W-120	745967.1436	2024014.3529	7/29/2021	139.26	142.34	3.08	2.0	PVC	33.80	5	29-34	Surficial - Lower Zone
W-121	745966.7263	2024008.0883	7/29/2021	139.12	142.24	3.11	2.0	PVC	22.12	10	12-22	Surficial - Upper Zone
W-122	746087.7639	2024559.8114	7/20/2021	134.29	136.84	2.55	2.0	PVC	30.60	5	25-30	Surficial - Lower Zone
W-123	744647.8048	2024283.6868	7/20/2021	136.30	136.05	-0.25	2.0	PVC	34.23	5	29-34	Surficial - Lower Zone
W-124	744153.4184	2024882.8990	7/22/2021	115.26	117.73	2.47	2.0	PVC	30.91	5	26-31	Surficial - Lower Zone
W-125	743837.3108	2024142.2790	7/21/2021	114.65	117.84	3.19	2.0	PVC	45.01	5	40-45	Surficial - Lower Zone
W-126	743747.3364	2024650.4112	7/22/2021	113.53	115.89	2.36	2.0	PVC	42.48	5	37.5-42.5	Surficial - Lower Zone
PZ-1	743745.6668	2024637.1258	7/21/2021	113.54	116.27	2.74	2.0	PVC	16.75	10	7-17	Surficial - Upper Zone
Gator SG	744600.5136	2023820.4020	7/16/2019	NS	120.31	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Canal SG	743544.9360	2019700.8031	3/26/2021	NS	110.01	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Entrance SG	745852.1977	2020536.5766	3/26/2021	NS	112.57	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Upper SG	744292.2317	2023220.4190	7/16/2019	NS	112.41	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Upper 2 SG	745845.6181	2020600.6309	4/20/2021	NS	112.56	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lower SG	743333.8536	2024092.0010	7/16/2019	NS	112.39	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Creek SG	743263.2548	2024076.8640	7/16/2019	NS	109.05	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes:
ft = feet
in = inches
ft msl = feet above mean sea level
ft bgs = feet below ground surface
NS - not surveyed
N/A - not applicable
SG - staff gauge
Top of casing and ground surface elevations surveyed by AECOM during November 2018, November 2019, April 2021 and August 2021.
Horizontal coordinates are referenced to the State Plane Coordinate System and the North American Datum of 1983 (NAD 83).
Vertical locations are referenced to the North American Vertical Datum of 1988 (NAVD 88).

Table 2 - Groundwater Levels and Elevations
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Well	Date	Screen Interval (ft bgs)	Ground Elevation (ft)	Top of Casing Elevation (ft)	Depth to Water (ft btoc)	Water Elevation (ft)
W-RW1	04/01/24	22-32	136.00	136.95	8.66	128.29
W-RW1	10/21/24	22-32	136.00	136.95	8.87	128.08
W-RW2	04/01/24	18.5-28.5	136.98	139.93	18.25	121.68
W-RW2	10/21/24	18.5-28.5	136.98	139.93	18.26	121.67
W-3A	04/01/24	73-83	117.64	120.08	4.84	115.24
W-3A	10/21/24	73-83	117.64	120.08	5.85	114.23
W-4R	04/01/24	4.5-14.5	117.27	119.82	5.77	114.05
W-4R	10/21/24	4.5-14.5	117.27	119.82	9.87	109.95
W-6	04/01/24	23-28	136.96	136.46	10.18	126.28
W-6	10/21/24	23-28	136.96	136.46	10.58	125.88
W-7A	04/01/24	13-18	132.94	135.06	11.28	123.78
W-7A	10/21/24	13-18	132.94	135.06	11.71	123.35
W-10	04/01/24	17.5-22.5	136.89	136.81	15.63	121.18
W-10	10/21/24	17.5-22.5	136.89	136.81	15.03	121.78
W-11	04/01/24	22-25	138.45	140.76	17.87	122.89
W-11	10/21/24	22-25	138.45	140.76	18.28	122.48
W-13R	04/01/24	15-20	136.38	136.13	11.64	124.49
W-13R	10/21/24	15-20	136.38	136.13	12.33	123.80
W-14	04/01/24	24-29	136.22	137.83	15.84	121.99
W-14	10/21/24	24-29	136.22	137.83	16.62	121.21
W-15	04/01/24	15.5-20.5	126.67	127.90	11.45	116.45
W-15	10/21/24	15.5-20.5	126.67	127.90	11.63	116.27
W-16	04/01/24	11-14	125.64	125.96	3.69	122.27
W-16	10/21/24	11-14	125.64	125.96	4.14	121.82
W-17	04/01/24	23-28	137.57	139.27	13.98	125.29
W-17	10/21/24	23-28	137.57	139.27	14.10	125.17
W-18R	04/01/24	22.5-27.5	137.15	136.71	12.95	123.76
W-18R	10/21/24	22.5-27.5	137.15	136.71	12.22	124.49
W-19B	04/01/24	30.5-40.5	140.58	142.85	24.98	117.87
W-19B	10/21/24	30.5-40.5	140.58	142.85	24.97	117.88
W-20	04/01/24	10.5-15.5	113.27	116.16	6.75	109.41
W-20	10/21/24	10.5-15.5	113.27	116.16	7.19	108.97
W-22	04/01/24	10-15	137.08	136.51	10.39	126.12
W-22	10/21/24	10-15	137.08	136.51	11.12	125.39
W-22	10/21/24	10-15	137.08	136.51	11.12	125.39
W-23R	04/01/24	16-21	137.45	140.47	18.38	122.09
W-23R	10/21/24	16-21	137.45	140.47	19.15	121.32
W-24	04/01/24	10-15	139.83	141.94	7.38	134.56
W-24	10/21/24	10-15	139.83	141.94	9.03	132.91
W-25	04/01/24	22.5-27.5	114.98	115.88	7.19	108.69
W-25	10/21/24	22.5-27.5	114.98	115.88	7.83	108.05
W-26	04/01/24	25.5-30.5	140.59	142.21	24.82	117.39
W-26	10/21/24	25.5-30.5	140.59	142.21	24.95	117.26
W-27	04/01/24	10-15	120.22	121.87	9.63	112.24
W-27	10/21/24	10-15	120.22	121.87	9.91	111.96
W-28	04/01/24	10-15	136.98	138.88	12.08	126.80
W-28	10/21/24	10-15	136.98	138.88	12.15	126.73
W-29	04/01/24	9-14	136.96	138.61	11.86	126.75
W-29	10/21/24	9-14	136.96	138.61	11.90	126.71
W-30	04/01/24	10-15	136.87	138.81	12.07	126.74
W-30	10/21/24	10-15	136.87	138.81	12.16	126.65

Table 2 - Groundwater Levels and Elevations
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Well	Date	Screen Interval (ft bgs)	Ground Elevation (ft)	Top of Casing Elevation (ft)	Depth to Water (ft btoc)	Water Elevation (ft)
W-32	04/01/24	17-22	138.33	140.34	18.55	121.79
W-32	10/21/24	17-22	138.33	140.34	18.86	121.48
W-33	04/01/24	15-20	138.06	139.33	15.34	123.99
W-33	10/21/24	15-20	138.06	139.33	15.40	123.93
W-35	04/01/24	15.5-20.5	136.59	139.07	10.81	128.26
W-35	10/21/24	15.5-20.5	136.59	139.07	11.02	128.05
W-36	04/01/24	15-20	134.16	136.29	7.39	128.90
W-36	10/21/24	15-20	134.16	136.29	7.73	128.56
W-37	04/01/24	15.5-20.5	136.58	139.04	11.21	127.83
W-37	10/21/24	15.5-20.5	136.58	139.04	11.40	127.64
W-38	04/01/24	15-20	136.71	136.51	10.09	126.42
W-38	10/21/24	15-20	136.71	136.51	10.16	126.35
W-39	04/01/24	13-23	139.08	141.15	15.55	125.60
W-39	10/21/24	13-23	139.08	141.15	15.59	125.56
W-40	04/01/24	4.5-14.5	136.42	139.26	11.04	128.22
W-40	10/21/24	4.5-14.5	136.42	139.26	11.22	128.04
W-41R	04/01/24	14.5-24.5	131.02	133.81	15.44	118.37
W-41R	10/21/24	14.5-24.5	131.02	133.81	15.49	118.32
W-42	04/01/24	20-30	137.83	140.96	24.55	116.41
W-42	10/21/24	20-30	137.83	140.96	24.76	116.20
W-43	04/01/24	11-21	138.09	141.33	14.04	127.29
W-43	10/21/24	11-21	138.09	141.33	14.17	127.16
W-44	04/01/24	17-27	131.93	134.86	17.94	116.92
W-44	10/21/24	17-27	131.93	134.86	18.07	116.79
W-45	04/01/24	5.5-15.5	137.20	140.02	11.89	128.13
W-45	10/21/24	5.5-15.5	137.20	140.02	12.06	127.96
W-46	04/01/24	16-26	132.39	134.74	13.65	121.09
W-46	10/21/24	16-26	132.39	134.74	13.63	121.11
W-47	04/01/24	34.5-44.5	140.70	141.90	25.48	116.42
W-47	10/21/24	34.5-44.5	140.70	141.90	25.60	116.30
W-48	04/01/24	31.5-41.5	139.74	142.56	25.65	116.91
W-48	10/21/24	31.5-41.5	139.74	142.56	25.76	116.80
W-49	04/01/24	108-118	137.82	140.25	26.81	113.44
W-49	10/21/24	108-118	137.82	140.25	27.82	112.43
W-50	04/01/24	115-125	136.79	139.58	21.40	118.18
W-50	10/21/24	115-125	136.79	139.58	22.65	116.93
W-51	04/01/24	9.5-14.5	136.67	136.51	8.37	128.14
W-51	10/21/24	9.5-14.5	136.67	136.51	8.53	127.98
W-52	04/01/24	10.5-15.5	136.71	136.19	8.22	127.97
W-52	10/21/24	10.5-15.5	136.71	136.19	8.40	127.79
W-53	04/01/24	11-16	136.83	136.54	8.66	127.88
W-53	10/21/24	11-16	136.83	136.54	8.65	127.89
W-54	04/01/24	11-16	136.79	136.52	8.68	127.84
W-54	10/21/24	11-16	136.79	136.52	8.85	127.67
W-55	04/01/24	10-15	136.90	136.63	8.89	127.74
W-55	10/21/24	10-15	136.90	136.63	9.50	127.13
W-56	04/01/24	10-15	136.83	136.68	8.97	127.71
W-56	10/21/24	10-15	136.83	136.68	9.13	127.55
W-57	04/01/24	10-15	136.90	136.73	9.48	127.25
W-57	10/21/24	10-15	136.90	136.73	9.61	127.12
W-58	04/01/24	10.5-15.5	136.85	136.37	10.57	125.80

Table 2 - Groundwater Levels and Elevations
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Well	Date	Screen Interval (ft bgs)	Ground Elevation (ft)	Top of Casing Elevation (ft)	Depth to Water (ft btoc)	Water Elevation (ft)
W-58	10/21/24	10.5-15.5	136.85	136.37	10.43	125.94
W-59	04/01/24	9.5-14.5	136.10	136.42	10.55	125.87
W-59	10/21/24	9.5-14.5	136.10	136.42	10.58	125.84
W-60	04/01/24	33-38	137.25	140.20	21.86	118.34
W-60	10/21/24	33-38	137.25	140.20	21.87	118.33
W-61	04/01/24	13.5-23.5	137.34	140.60	17.85	122.75
W-61	10/21/24	13.5-23.5	137.34	140.60	17.77	122.83
W-62	04/01/24	20-25	125.63	128.38	13.04	115.34
W-62	10/21/24	20-25	125.63	128.38	13.13	115.25
W-63	04/01/24	37-42	138.78	141.02	25.97	115.05
W-63	10/21/24	37-42	138.78	141.02	25.98	115.04
W-64	04/01/24	21.5-31.5	140.15	142.75	25.80	116.95
W-64	10/21/24	21.5-31.5	140.15	142.75	25.87	116.88
W-65	04/01/24	26.5-31.5	138.17	140.95	13.15	127.80
W-65	10/21/24	26.5-31.5	138.17	140.95	13.26	127.69
W-66	04/01/24	12.5-22.5	138.01	140.91	12.87	128.04
W-66	10/21/24	12.5-22.5	138.01	140.91	12.97	127.94
W-67	04/01/24	22-32	132.60	135.26	16.18	119.08
W-67	10/21/24	22-32	132.60	135.26	17.14	118.12
W-68	04/01/24	13-18	113.40	116.53	5.46	111.07
W-68	10/21/24	13-18	113.40	116.53	5.74	110.79
W-69	04/01/24	8-18	137.67	140.64	6.90	133.74
W-69	10/21/24	8-18	137.67	140.64	8.32	132.32
W-70	04/01/24	44-49	138.02	141.00	10.25	130.75
W-70	10/21/24	44-49	138.02	141.00	11.92	129.08
W-71	04/01/24	93-103	137.96	140.72	22.20	118.52
W-71	10/21/24	93-103	137.96	140.72	23.39	117.33
W-72	04/01/24	5-15	136.81	136.29	8.42	127.87
W-72	10/21/24	5-15	136.81	136.29	8.63	127.66
W-73	04/01/24	6-16	136.85	136.45	8.83	127.62
W-73	10/21/24	6-16	136.85	136.45	9.00	127.45
W-74	04/01/24	25.5-30.5	136.64	139.93	12.67	127.26
W-74	10/21/24	25.5-30.5	136.64	139.93	12.82	127.11
W-75	04/01/24	5.5-15.5	136.60	139.85	12.30	127.55
W-75	10/21/24	5.5-15.5	136.60	139.85	12.45	127.40
W-76	04/01/24	5-15	137.04	136.85	10.08	126.77
W-76	10/21/24	5-15	137.04	136.85	10.19	126.66
W-77	04/01/24	5.5-15.5	136.85	136.53	9.05	127.48
W-77	10/21/24	5.5-15.5	136.85	136.53	9.26	127.27
W-78	04/01/24	5.5-15.5	136.75	136.31	9.48	126.83
W-78	10/21/24	5.5-15.5	136.75	136.31	9.60	126.71
W-79	04/01/24	5.5-15.5	136.49	136.12	8.38	127.74
W-79	10/21/24	5.5-15.5	136.49	136.12	8.50	127.62
W-80	04/01/24	5.5-15.5	136.34	135.87	9.97	125.90
W-80	10/21/24	5.5-15.5	136.34	135.87	10.37	125.50
W-81	04/01/24	5.5-15.5	136.81	136.43	11.26	125.17
W-81	10/21/24	5.5-15.5	136.81	136.43	11.79	124.64
W-82	04/01/24	5.5-15.5	136.57	136.23	11.71	124.52
W-82	10/21/24	5.5-15.5	136.57	136.23	12.39	123.84
W-83	04/01/24	16.5-26.5	136.22	135.81	13.43	122.38
W-83	10/21/24	16.5-26.5	136.22	135.81	12.41	123.40

Table 2 - Groundwater Levels and Elevations
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Well	Date	Screen Interval (ft bgs)	Ground Elevation (ft)	Top of Casing Elevation (ft)	Depth to Water (ft btoc)	Water Elevation (ft)
W-84	04/01/24	11-21	136.66	135.99	5.98	130.01
W-84	10/21/24	11-21	136.66	135.99	6.68	129.31
W-85	04/01/24	40-45	135.74	138.69	18.84	119.85
W-85	10/21/24	40-45	135.74	138.69	19.98	118.71
W-86	04/01/24	25-35	135.68	138.77	17.79	120.98
W-86	10/21/24	25-35	135.68	138.77	18.97	119.80
W-87	04/01/24	28-33	136.66	136.39	8.05	128.34
W-87	10/21/24	28-33	136.66	136.39	8.13	128.26
W-88	04/01/24	36.5-41.5	140.06	143.10	23.01	120.09
W-88	10/21/24	36.5-41.5	140.06	143.10	23.01	120.09
W-89	04/01/24	15.5-25.5	140.12	142.82	21.94	120.88
W-89	10/21/24	15.5-25.5	140.12	142.82	21.86	120.96
W-90	04/01/24	35-40	140.23	143.33	26.84	116.49
W-90	10/21/24	35-40	140.23	143.33	26.87	116.46
W-91	04/01/24	15-25	139.57	142.81	26.75	116.06
W-91	10/21/24	15-25	139.57	142.81	26.76	116.05
W-92	04/01/24	29-34	120.11	123.33	14.08	109.25
W-92	10/21/24	29-34	120.11	123.33	14.57	108.76
W-93	04/01/24	30.5-35.5	136.87	136.49	9.45	127.04
W-93	10/21/24	30.5-35.5	136.87	136.49	9.50	126.99
W-94	04/01/24	24.5-29.5	115.28	118.04	8.20	109.84
W-94	10/21/24	24.5-29.5	115.28	118.04	8.69	109.35
W-95	04/01/24	28.5-33.5	113.53	116.40	6.80	109.60
W-95	10/21/24	28.5-33.5	113.53	116.40	7.27	109.13
W-96	04/01/24	25-30	113.65	116.46	7.22	109.24
W-96	10/21/24	25-30	113.65	116.46	7.77	108.69
W-97	04/01/24	14-19	113.92	116.93	3.88	113.05
W-97	10/21/24	14-19	113.92	116.93	4.43	112.50
W-98	04/01/24	17-27	135.52	138.65	23.81	114.84
W-98	10/21/24	17-27	135.52	138.65	23.79	114.86
W-99	04/01/24	16-21	129.78	133.84	12.11	121.73
W-99	10/21/24	16-21	129.78	133.84	12.07	121.77
W-100	04/01/24	7-12	129.47	133.47	10.60	122.87
W-100	10/21/24	7-12	129.47	133.47	10.55	122.92
W-102	04/01/24	28.5-33.5	137.08	136.86	10.34	126.52
W-102	10/21/24	28.5-33.5	137.08	136.86	10.53	126.33
W-103	04/01/24	34.5-39.5	132.56	134.87	16.86	118.01
W-103	10/21/24	34.5-39.5	132.56	134.87	17.86	117.01
W-104	04/01/24	7.5-17.5	115.45	118.48	5.55	112.93
W-104	10/21/24	7.5-17.5	115.45	118.48	6.02	112.46
W-105	04/01/24	14-24	114.80	117.57	7.55	110.02
W-105	10/21/24	14-24	114.80	117.57	8.06	109.51
W-106	04/01/24	24.5-29.5	115.68	118.69	9.41	109.28
W-106	10/21/24	24.5-29.5	115.68	118.69	10.09	108.60
W-107	04/01/24	29-34	112.27	115.23	5.88	109.35
W-107	10/21/24	29-34	112.27	115.23	6.35	108.88
W-108	04/01/24	27-32	111.93	115.41	6.25	109.16
W-108	10/21/24	27-32	111.93	115.41	6.68	108.73
W-109	04/01/24	27-32	112.81	115.68	6.43	109.25
W-109	10/21/24	27-32	112.81	115.68	6.85	108.83
W-110	04/01/24	29-34	113.21	116.42	6.89	109.53

Table 2 - Groundwater Levels and Elevations
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Well	Date	Screen Interval (ft bgs)	Ground Elevation (ft)	Top of Casing Elevation (ft)	Depth to Water (ft btoc)	Water Elevation (ft)
W-110	10/21/24	29-34	113.21	116.42	7.35	109.07
W-111	04/01/24	76-81	113.68	116.92	3.91	113.01
W-111	10/21/24	76-81	113.68	116.92	4.88	112.04
W-112	04/01/24	29-34	112.93	116.07	6.41	109.66
W-112	10/21/24	29-34	112.93	116.07	6.89	109.18
W-113	04/01/24	31-36	135.66	138.55	8.11	130.44
W-113	10/21/24	31-36	135.66	138.55	9.85	128.70
W-114	04/01/24	10-20	135.54	138.75	7.30	131.45
W-114	10/21/24	10-20	135.54	138.75	9.34	129.41
W-115	04/01/24	40.5-45.5	139.06	141.71	18.18	123.53
W-115	10/21/24	40.5-45.5	139.06	141.71	18.28	123.43
W-116	04/01/24	10-20	138.99	141.91	18.07	123.84
W-116	10/21/24	10-20	138.99	141.91	17.93	123.98
W-117	04/01/24	39-44	140.82	143.76	22.27	121.49
W-117	10/21/24	39-44	140.82	143.76	22.30	121.46
W-118	04/01/24	19.5-29.5	140.78	143.74	20.60	123.14
W-118	10/21/24	19.5-29.5	140.78	143.74	20.43	123.31
W-119	04/01/24	25-30	139.48	142.24	15.65	126.59
W-119	10/21/24	25-30	139.48	142.24	15.55	126.69
W-120	04/01/24	29-34	139.26	142.34	13.91	128.43
W-120	10/21/24	29-34	139.26	142.34	14.06	128.28
W-121	04/01/24	12-22	139.12	142.24	13.97	128.27
W-121	10/21/24	12-22	139.12	142.24	14.13	128.11
W-122	04/01/24	25-30	134.29	136.84	8.04	128.80
W-122	10/21/24	25-30	134.29	136.84	8.38	128.46
W-123	04/01/24	29-34	136.30	136.05	13.14	122.91
W-123	10/21/24	29-34	136.30	136.05	13.81	122.24
W-124	04/01/24	26-31	115.26	117.73	8.37	109.36
W-124	10/21/24	26-31	115.26	117.73	8.89	108.84
W-125	04/01/24	40-45	114.65	117.84	8.75	109.09
W-125	10/21/24	40-45	114.65	117.84	9.27	108.57
W-126	04/01/24	37.5-42.5	113.53	115.89	6.71	109.18
W-126	10/21/24	37.5-42.5	113.53	115.89	7.25	108.64
PZ-1	10/21/24	7-17	113.54	116.27	6.84	109.43
CREEK SG	04/01/24	NA	NS	105.05	2.05	107.10
CREEK SG	10/21/24	NA	NS	105.05	1.80	106.85
CANAL SG	10/21/24	NA	NS	106.01	0.05	106.06
ENTRANCE SG	10/21/24	NA	NS	108.57	1.59	110.16
GATOR SG	04/01/24	NA	NS	116.31	1.68	117.99
GATOR SG	10/21/24	NA	NS	116.31	1.46	117.77
LOWER SG	04/01/24	NA	NS	108.39	1.22	109.61
LOWER SG	10/21/24	NA	NS	108.39	1.06	109.45
UPPER SG	04/01/24	NA	NS	108.41	1.40	109.81
UPPER SG	10/21/24	NA	NS	108.41	1.24	109.65
UPPER 2 SG	10/21/24	NA	NS	108.56	1.30	109.86

Notes:

ft - feet

bgs - below ground surface

btoc - below top of casing

SG - staff gage

NA - not applicable

Table 2 - Groundwater Levels and Elevations
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Well	Date	Screen Interval (ft bgs)	Ground Elevation (ft)	Top of Casing Elevation (ft)	Depth to Water (ft btoc)	Water Elevation (ft)

NS - not surveyed

Table 3 - Summary of Groundwater Field Stability Parameters
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Parameter		Temperature	pH	Conductivity	Dissolved Oxygen	ORP	Turbidity	Color	Odor
Units		Degrees C	SU	uS/cm	mg/L	mv	NTU		
Well	Sample Date								
W-RW1	04/08/24	22.44	5.70	67.82	4.35	212.4	0	Clear	None
W-RW1	10/04/24	23.64	5.67	78.40	4.74	242.4	0	Clear	None
W-RW2	04/12/24	17.77	5.59	156.01	1.86	229.3	3.76	Clear	None
W-RW2	10/10/24	21.81	5.33	180.09	0.98	301.8	4.49	Clear	None
W-3A	04/17/24	18.78	5.21	25.11	1.03	70.4	1.25	Clear	None
W-3A	10/17/24	18.29	4.67	27.32	0.13	132.9	6.32	Clear	None
W-4R	04/17/24	17.77	5.89	134.58	2.21	180.1	0	Clear	None
W-4R	10/17/24	19.71	5.49	159.22	1.40	135.2	2.33	Clear	None
W-6	04/04/24	19.93	6.40	2828.03	0.15	135.6	5.11	Clear	None
W-6	10/03/24	24.22	6.28	2902.05	0.11	185.5	29.85	Clear	None
W-7A	04/02/24	18.39	7.15	2049.98	0.35	124.9	3.27	Clear	None
W-7A	10/01/24	23.55	6.98	2308.16	0.13	142.2	0	Clear	None
W-10	04/02/24	19.37	6.24	339.80	0.60	117.4	0	Clear	None
W-10	10/01/24	23.53	6.17	369.96	0.24	171.1	0	Clear	None
W-11	04/03/24	21.03	5.60	143.35	0.63	162.3	0	Clear	None
W-11	10/01/24	23.41	5.53	249.21	0.24	210.8	4.27	Clear	None
W-13R	04/03/24	19.95	6.25	639.04	0.11	177.3	12.48	Clear	None
W-13R	10/01/24	25.13	6.26	692.43	0.12	179.1	13.03	Clear	None
W-14	04/15/24	20.15	6.49	535.38	0.16	-37.5	24.83	Clear	None
W-14	10/16/24	18.44	5.83	71.17	2.31	155.5	0	Clear	None
W-15	04/15/24	19.79	6.25	452.24	0.15	115.3	6.57	Clear	None
W-15	10/14/24	23.62	6.06	558.55	0.10	151.7	18.14	Clear	None
W-16	04/16/24	18.12	6.47	304.42	0.17	33.9	1.11	Clear	None
W-16	10/16/24	20.00	6.70	142.90	0.22	20.3	17.30	Clear	None
W-17	04/08/24	20.09	6.59	391.13	0.16	164.6	9.25	Clear	None
W-17	10/10/24	22.29	6.55	477.23	0.15	131.7	2.03	Clear	None
W-18R	04/05/24	18.24	7.19	3099.73	0.24	128.0	0	Clear	None
W-18R	10/03/24	26.46	7.21	2953.23	0.43	131.1	7.06	Clear	None
W-19B	04/12/24	17.92	5.59	80.70	4.02	188.5	1.17	Clear	None
W-19B	10/10/24	18.65	5.47	74.87	3.52	251.5	3.57	Clear	None
W-20	04/18/24	17.40	5.61	99.18	1.22	216.3	6.59	Clear	None
W-20	10/18/24	18.60	5.00	118.78	0.11	146.8	2.53	Clear	None
W-22	04/04/24	19.47	5.60	715.18	0.15	209.1	0	Clear	None
W-22	10/03/24	26.06	5.57	652.61	0.19	229.4	4.10	Clear	None
W-23R	04/16/24	17.87	5.40	46.58	4.01	251.6	0.23	Clear	None
W-23R	10/15/24	17.66	5.17	52.17	3.84	309.3	4.27	Clear	None
W-24	04/16/24	19.36	5.57	44.25	0.43	-14.4	0.68	Clear	None
W-24	10/16/24	21.63	5.28	51.38	0.16	-48.2	4.54	Clear	None
W-25	04/18/24	18.51	6.48	121.82	0.05	-39.6	25.39	Clear	None
W-25	10/18/24	20.40	6.79	160.71	0.07	-61.3	20.99	Clear	None
W-26	04/12/24	18.48	5.97	180.67	0.24	212.1	6.82	Clear	None
W-26	10/10/24	19.71	5.83	185.68	0.26	234.7	0	Clear	None
W-27	04/17/24	18.14	6.45	352.69	0.17	-69.9	10.93	Clear	None
W-27	10/17/24	17.37	5.96	374.89	0.17	-52.9	8.00	Clear	None
W-28	04/04/24	17.73	6.71	534.44	5.00	164.8	0	Clear	None
W-28	10/02/24	25.77	6.46	533.29	2.86	219.7	0	Clear	None
W-29	04/04/24	18.48	6.53	328.12	0.39	167.1	0	Clear	None
W-29	10/03/24	25.21	6.21	332.36	0.20	189.0	0	Clear	None
W-30	04/05/24	18.36	6.05	2065.44	0.52	185.5	0	Clear	None
W-30	10/03/24	26.18	5.81	2916.57	0.17	229.0	0	Clear	None
W-32	04/03/24	20.39	7.00	1063.23	0.48	141.4	0	Clear	None
W-32	10/01/24	23.72	6.90	1386.22	0.31	162.5	3.95	Clear	None
W-33	04/11/24	17.81	5.94	104.80	0.95	222.3	3.15	Clear	None
W-33	10/08/24	22.28	5.87	131.10	0.51	224.8	13.21	Clear	None
W-35	04/08/24	19.66	6.17	129.20	4.96	164.4	6.73	Clear	None
W-35	10/07/24	23.04	6.04	124.40	4.73	199.7	0	Clear	None
W-36	04/08/24	19.64	5.48	40.73	0.61	212.7	1.12	Clear	None

Table 3 - Summary of Groundwater Field Stability Parameters
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Parameter		Temperature	pH	Conductivity	Dissolved Oxygen	ORP	Turbidity	Color	Odor
Units		Degrees C	SU	uS/cm	mg/L	mv	NTU		
Well	Sample Date								
W-36	10/07/24	23.89	5.37	45.33	0.09	219.5	4.82	Clear	None
W-37	04/05/24	19.08	6.03	106.24	5.92	174.5	0.36	Clear	None
W-37	10/07/24	24.12	5.83	126.99	4.56	237.5	18.09	Clear	None
W-38	04/04/24	20.76	5.51	140.62	3.09	192.5	0	Clear	None
W-38	10/03/24	24.90	5.47	173.26	3.02	269.6	0	Clear	None
W-39	04/10/24	20.89	5.62	637.98	1.96	231.5	0	Clear	None
W-39	10/10/24	23.78	5.62	520.28	2.13	248.4	0	Clear	None
W-40	04/09/24	16.91	6.27	67.65	1.90	129.1	60.95	Clear	None
W-40	10/08/24	23.84	6.03	77.10	1.96	218.1	9.62	Clear	None
W-41R	04/11/24	17.84	5.64	329.84	4.79	255.7	0	Clear	None
W-41R	10/10/24	22.78	5.47	395.18	4.14	295.2	3.87	Clear	None
W-42	04/15/24	20.78	5.22	57.88	1.78	183.0	0	Clear	None
W-42	10/14/24	23.18	5.12	60.97	1.65	297.8	0	Clear	None
W-43	04/10/24	19.30	5.49	98.62	4.59	211.1	0	Clear	None
W-43	10/09/24	23.76	5.30	97.63	3.24	286.1	7.69	Clear	None
W-44	04/11/24	17.18	5.30	72.64	3.74	266.0	0	Clear	None
W-44	10/10/24	20.06	5.11	78.76	3.31	333.9	6.64	Clear	None
W-45	04/08/24	19.74	5.90	68.13	2.39	141.4	15.26	Clear	None
W-45	10/07/24	26.44	6.35	159.23	0.17	-69.3	11.37	Clear	None
W-46	04/12/24	17.90	5.89	200.77	2.41	222.9	0	Clear	None
W-46	10/10/24	21.13	5.76	207.10	0.19	226.4	0	Clear	None
W-47	04/15/24	19.11	6.13	489.25	0.31	203.7	1.25	Clear	None
W-47	10/14/24	20.10	6.05	554.34	0.34	176.6	0	Clear	None
W-48	04/15/24	21.25	5.60	128.69	1.76	192.0	0	Clear	None
W-48	10/11/24	19.63	5.49	139.21	0.46	292.1	3.64	Clear	None
W-49	04/15/24	22.21	5.73	35.42	1.22	175.0	0	Clear	None
W-49	10/14/24	47.70	5.42	45.02	0.31	202.3	18.71	Clear	None
W-50	04/09/24	19.17	6.02	23.39	0.43	-17.4	0	Clear	None
W-50	10/08/24	22.91	5.90	26.45	0.37	-13.6	0	Clear	None
W-51	04/05/24	19.39	7.14	186.12	0.13	-164.9	1.04	Clear	None
W-51	10/07/24	26.73	6.73	201.23	0.12	-151.1	23.30	Clear	None
W-52	04/02/24	21.34	6.27	131.61	2.55	115.8	0.25	Clear	None
W-52	10/07/24	26.92	6.02	163.28	0.90	112.7	15.79	Clear	None
W-53	04/02/24	20.20	6.26	144.80	0.11	-63.1	2.55	Clear	None
W-53	10/07/24	24.75	5.93	133.05	0.26	21.2	15.76	Clear	None
W-54	04/05/24	18.94	6.00	112.65	2.37	126.4	0	Clear	None
W-54	10/04/24	26.12	5.86	134.59	2.39	135.6	0	Clear	None
W-55	04/09/24	19.26	6.04	121.74	5.50	203.9	0	Clear	None
W-55	10/22/24	21.93	5.48	134.29	5.32	106.8	3.69	Clear	None
W-56	04/09/24	19.43	5.97	130.31	3.12	198.9	1.95	Clear	None
W-56	10/22/24	24.16	5.44	135.48	3.77	104.1	9.05	Clear	None
W-57	04/04/24	19.06	5.98	116.31	1.16	170.4	0	Clear	None
W-57	10/04/24	27.00	5.87	141.33	1.20	230.5	0	Clear	None
W-58	04/04/24	18.89	6.53	197.68	0.22	148.6	0	Clear	None
W-58	10/04/24	26.96	6.33	253.31	0.26	108.8	0	Clear	None
W-59	04/09/24	19.08	6.06	448.06	0.32	186.3	0	Clear	None
W-59	10/22/24	25.15	5.99	528.56	0.19	230.6	0	Clear	None
W-60	04/12/24	18.00	5.87	88.82	0.36	78.0	26.16	Clear	None
W-60	10/11/24	17.46	5.83	103.00	0.24	51.9	0	Clear	None
W-61	04/10/24	17.63	5.36	94.41	4.53	266.2	46.09	Clear	None
W-61	10/11/24	18.57	5.25	88.40	4.14	278.9	0	Clear	None
W-62	04/11/24	18.06	5.61	73.09	3.11	239.1	7.97	Clear	None
W-62	10/10/24	19.26	5.46	82.95	2.89	286.2	20.01	Clear	None
W-63	04/15/24	20.40	6.66	336.16	1.09	101.3	80.16	Clear	None
W-63	10/14/24	21.80	6.56	339.30	0.17	122.9	9.86	Clear	None
W-64	04/15/24	19.32	6.05	500.60	0.23	210.4	1.81	Clear	None
W-64	10/14/24	20.92	5.87	529.31	0.29	200.1	0	Clear	None

Table 3 - Summary of Groundwater Field Stability Parameters
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Parameter		Temperature	pH	Conductivity	Dissolved Oxygen	ORP	Turbidity	Color	Odor
Units		Degrees C	SU	uS/cm	mg/L	mv	NTU		
Well	Sample Date								
W-65	04/10/24	19.52	6.17	111.72	1.31	187.8	0	Clear	None
W-65	10/09/24	22.96	5.81	100.79	0.15	235.8	3.87	Clear	None
W-66	04/10/24	18.88	5.59	81.30	1.95	230.1	0	Clear	None
W-66	10/09/24	23.19	5.30	81.69	1.13	291.7	11.05	Clear	None
W-67	04/16/24	18.49	5.93	155.02	0.13	222.1	0	Clear	None
W-67	10/16/24	17.31	5.89	176.71	0.26	228.1	0	Clear	None
W-68	04/11/24	18.00	5.58	82.57	4.78	235.4	0	Clear	None
W-68	10/11/24	20.34	5.33	83.28	4.24	231.0	5.31	Clear	None
W-69	04/16/24	19.63	5.49	62.22	1.38	187.4	14.22	Clear	None
W-69	10/15/24	22.97	5.22	63.77	0.15	292.4	12.17	Clear	None
W-70	04/16/24	20.79	5.41	51.84	5.94	176.4	0.12	Clear	None
W-70	10/15/24	22.02	5.27	50.61	5.71	310.6	17.51	Clear	None
W-71	04/16/24	22.04	6.50	90.47	1.08	-62.5	27.56	Clear	None
W-71	10/15/24	21.55	6.27	81.91	0.32	56.5	0	Clear	None
W-72	04/05/24	20.85	6.28	150.97	2.78	170.9	5.51	Clear	None
W-72	10/04/24	25.42	6.08	241.31	5.55	204.1	70.74	Clear	None
W-73	04/04/24	19.96	6.03	131.30	0.98	213.6	0	Clear	None
W-73	10/04/24	26.28	5.79	122.79	1.03	223.1	5.35	Clear	None
W-74	04/08/24	19.56	5.46	126.46	2.74	198.7	0	Clear	None
W-74	10/04/24	24.79	5.34	128.74	1.77	256.1	4.19	Clear	None
W-75	04/05/24	20.41	6.09	124.68	0.27	-114.9	17.74	Clear	None
W-75	10/04/24	25.11	5.93	125.27	0.30	-17.9	10.78	Clear	None
W-76	04/04/24	19.59	5.01	185.80	4.33	243.9	0.56	Clear	None
W-76	10/02/24	27.84	4.75	187.30	3.74	320.4	5.92	Clear	None
W-77	04/09/24	18.71	12.24	5323.92	2.69	-95.0	0	Clear	None
W-77	10/22/24	25.23	12.09	4850.61	0.20	-141.6	0	Clear	None
W-78	04/03/24	20.94	6.40	223.45	5.74	228.5	0	Clear	None
W-78	10/02/24	27.10	6.15	252.27	4.67	209.2	4.45	Clear	None
W-79	04/03/24	21.12	6.30	178.43	5.40	225.5	0.65	Clear	None
W-79	10/02/24	27.61	6.31	193.38	5.59	199.2	0	Clear	None
W-80	04/02/24	22.71	5.55	259.97	3.41	226.7	1.91	Clear	None
W-80	10/02/24	30.75	5.53	248.59	2.61	234.0	4.93	Clear	None
W-81	04/03/24	19.91	5.91	251.64	1.57	193.7	0	Clear	None
W-81	10/02/24	23.66	5.39	204.37	0.80	211.8	3.98	Clear	None
W-82	04/02/24	21.66	5.33	163.29	1.02	256.2	92.54	Clear	None
W-82	10/02/24	24.36	5.31	149.38	0.55	194.8	115.23	Light brown	None
W-83	04/02/24	22.18	5.73	115.41	2.44	243.9	24.27	Clear	None
W-83	10/01/24	24.43	5.65	127.12	1.07	223.8	19.24	Clear	None
W-84	04/02/24	20.52	5.96	144.13	2.47	185.1	4.67	Clear	None
W-84	10/01/24	26.38	6.13	207.14	0.13	33.3	13.91	Clear	None
W-85	04/16/24	19.85	11.77	856.69	3.13	-73.2	3.51	Clear	None
W-85	10/15/24	19.54	11.74	551.46	1.60	-62.6	0	Clear	None
W-86	04/16/24	19.26	5.84	241.70	1.65	127.1	7.81	Clear	None
W-86	10/15/24	17.65	5.78	260.41	0.34	114.9	0.63	Clear	None
W-87	04/08/24	21.75	6.54	90.11	1.77	148.6	21.80	Clear	None
W-87	10/07/24	24.41	6.40	94.84	0.18	156.6	3.66	Clear	None
W-88	04/11/24	18.97	5.64	65.80	6.65	215.2	0	Clear	None
W-88	10/08/24	21.52	5.30	65.37	6.16	290.3	16.69	Clear	None
W-89	04/11/24	18.39	5.51	58.94	6.03	216.8	0	Clear	None
W-89	10/08/24	22.78	5.34	58.59	5.61	277.7	7.46	Clear	None
W-90	04/12/24	16.63	5.47	67.77	5.78	176.9	0	Clear	None
W-90	10/11/24	16.71	5.26	62.41	4.15	303.8	4.45	Clear	None
W-91	04/11/24	18.93	5.47	53.15	6.28	232.6	0.96	Clear	None
W-91	10/11/24	19.19	5.21	46.38	5.59	298.2	3.64	Clear	None
W-92	04/17/24	19.21	6.26	148.73	0.41	84.6	6.10	Clear	None
W-92	10/17/24	17.56	5.75	220.18	0.15	-10.9	16.41	Clear	None
W-93	04/08/24	21.56	5.58	124.13	1.30	224.6	0	Clear	None

Table 3 - Summary of Groundwater Field Stability Parameters
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Parameter		Temperature	pH	Conductivity	Dissolved Oxygen	ORP	Turbidity	Color	Odor
Units		Degrees C	SU	uS/cm	mg/L	mv	NTU		
Well	Sample Date								
W-93	10/03/24	25.36	5.41	142.81	0.96	252.6	4.21	Clear	None
W-94	04/18/24	18.45	6.28	178.55	0.17	-27.6	12.92	Clear	None
W-94	10/18/24	18.31	6.03	114.40	0.21	22.1	0	Clear	None
W-95	04/19/24	17.18	6.23	96.21	5.38	136.6	11.70	Clear	None
W-95	10/18/24	19.86	6.29	219.02	0.23	-50.0	0	Clear	None
W-96	04/17/24	19.54	6.03	178.58	1.71	53.1	31.38	Clear	None
W-96	10/17/24	19.06	5.61	199.70	0.13	247.3	0	Clear	None
W-97	04/16/24	17.19	5.94	185.87	0.18	220.1	6.54	Clear	None
W-97	10/16/24	20.74	6.01	286.78	0.07	169.3	0	Clear	None
W-98	04/15/24	17.37	5.48	137.72	0.82	71.2	14.03	Clear	None
W-98	10/14/24	19.48	5.57	151.13	1.21	81.6	7.79	Clear	None
W-99	04/12/24	19.36	6.92	585.69	0.21	-105.8	5.09	Clear	None
W-99	10/11/24	23.26	6.70	456.18	0.13	-52.8	0	Clear	None
W-100	04/12/24	18.64	6.13	267.45	1.61	174.7	0	Clear	None
W-100	10/11/24	24.63	6.12	353.76	1.58	117.5	0	Clear	None
W-102	04/05/24	21.04	6.47	730.39	0.19	188.8	0	Clear	None
W-102	10/03/24	24.60	6.49	788.84	0.17	165.4	1.54	Clear	None
W-103	04/16/24	19.12	5.68	128.80	1.62	245.5	0	Clear	None
W-103	10/15/24	18.60	5.61	147.38	1.33	275.9	3.45	Clear	None
W-104	04/18/24	16.85	5.65	229.14	0.15	200.1	4.83	Clear	None
W-104	10/17/24	20.40	5.47	200.74	0.08	194.2	0	Clear	None
W-105	04/17/24	17.69	5.98	464.11	0.38	46.1	11.11	Clear	Noe
W-105	10/17/24	19.12	5.93	367.04	0.11	10.0	11.00	Clear	None
W-106	04/15/24	18.93	6.16	307.35	0.07	-51.3	24.58	Clear	None
W-106	10/14/24	21.17	6.07	377.65	0.06	-39.2	7.77	Clear	None
W-107	04/19/24	17.20	6.25	151.11	0.20	-20.3	4.78	Clear	None
W-107	10/18/24	20.23	6.09	192.69	0.23	-22.4	0.90	Clear	None
W-108	04/18/24	17.24	6.40	141.83	0.12	-26.7	10.17	Clear	None
W-108	10/17/24	19.94	6.97	164.85	0.08	-13.2	24.55	Clear	None
W-109	04/18/24	17.89	6.12	71.02	0.41	9.5	24.82	Clear	None
W-109	10/18/24	19.86	6.00	94.90	0.11	0.4	41.39	Clear	None
W-110	04/19/24	17.32	5.21	23.71	0.20	191.5	0	Clear	None
W-110	10/21/24	20.70	5.48	37.31	0.16	72.8	18.22	Clear	None
W-111	04/18/24	18.46	5.74	25.92	1.34	-52.1	0.76	Clear	None
W-111	10/18/24	20.54	5.16	27.28	0.32	138.3	0	Clear	None
W-112	04/18/24	18.91	6.51	204.37	0.34	-81.4	12.87	Clear	None
W-112	10/21/24	20.78	6.40	217.03	0.20	-66.7	0	Clear	None
W-113	04/09/24	17.04	6.09	86.40	1.14	160.7	9.40	Clear	None
W-113	10/08/24	20.82	5.82	91.16	0.86	200.4	9.36	Clear	None
W-114	04/09/24	16.31	5.86	84.64	2.59	181.3	14.72	Clear	None
W-114	10/08/24	22.89	5.78	99.52	2.44	218.5	21.30	Clear	None
W-115	04/09/24	17.22	5.72	91.29	3.51	217.2	1.05	Clear	None
W-115	10/08/24	20.12	5.42	88.36	3.23	260.3	9.09	Clear	None
W-116	04/09/24	16.80	5.19	102.30	8.13	243.9	0.26	Clear	None
W-116	10/08/24	20.05	4.96	102.14	6.70	322.7	3.81	Clear	None
W-117	04/09/24	17.94	5.76	68.65	4.63	197.7	7.63	Clear	None
W-117	10/08/24	20.10	5.77	82.32	4.02	246.8	10.81	Clear	None
W-118	04/12/24	18.50	5.44	75.40	1.14	224.6	4.27	Clear	None
W-118	10/08/24	20.20	5.41	89.37	1.14	262.8	0	Clear	None
W-119	04/11/24	18.32	5.37	82.86	0.26	150.6	2.01	Clear	None
W-119	10/08/24	23.60	5.22	80.45	0.23	286.8	4.28	Clear	None
W-120	04/10/24	20.58	5.89	141.75	0.47	194.2	0	Clear	None
W-120	10/09/24	20.09	5.73	166.30	0.35	220.2	3.74	Clear	None
W-121	04/10/24	19.62	5.16	67.88	2.04	302.5	0	Clear	None
W-121	10/09/24	23.43	5.15	57.21	2.19	338.2	4.68	Clear	None
W-122	04/08/24	19.49	5.83	37.00	0.65	141.0	6.98	Clear	None
W-122	10/07/24	24.28	5.96	43.70	0.17	67.6	13.84	Clear	None

Table 3 - Summary of Groundwater Field Stability Parameters
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

Parameter		Temperature	pH	Conductivity	Dissolved Oxygen	ORP	Turbidity	Color	Odor
Units		Degrees C	SU	uS/cm	mg/L	mv	NTU		
Well	Sample Date								
W-123	04/03/24	20.89	7.88	1304.19	0.16	81.2	6.19	Clear	None
W-123	10/01/24	24.29	8.10	1259.02	0.13	103.1	10.19	Clear	None
W-124	04/18/24	19.18	5.68	123.06	0.14	46.5	15.55	Clear	None
W-124	10/17/24	20.40	5.76	132.85	0.14	67.5	7.18	Clear	None
W-125	04/17/24	17.24	7.02	356.62	0.28	85.5	0.01	Clear	None
W-125	10/16/24	18.91	6.09	361.91	0.30	-45.5	128.27	Light brown	None
W-126	04/17/24	19.96	6.41	207.50	0.09	-60.7	35.06	Clear	None
W-126	10/17/24	19.59	6.47	95.78	0.10	-73.8	25.94	Clear	None

Notes:
C - Celsius
SU - Standard Units
us/cm - microsiemens per centimeter
mg/L - milligrams per liter
mv - millivolts
NTU - nephelometric turbidity unit

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-RW1	W-RW1	W-RW1	W-RW2	W-RW2	W-3A	W-3A	W-4R	W-4R	W-6	W-6	W-7A
				Date	4/8/24	4/8/24	10/4/24	4/12/24	10/10/24	4/17/24	10/17/24	4/17/24	10/17/24	4/4/24	10/3/24	4/2/24
				Type	N	FD	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	0 ##	0 ##	0 ##	6.77	0 ##	0.00441 #	0 ##	2.89 #	2.88 #	1890	2070	135
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.129 J	0.0741 J	< 0.200	< 0.200	0.285	0.250	0.431
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.129 J	0.0741 J	< 0.200	< 0.200	0.285	0.250	0.431
Chemical	Fluoride	4	0.8	mg/L	< 0.10	< 0.10	< 0.10	0.26	0.28	< 0.10	< 0.10	< 0.10	< 0.10	0.38	0.41	6.5
Chemical	Nitrate as N	10		mg/L	1.5	1.5	1.5	10	11	0.11	< 0.020	0.17	0.045	270	300	210
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 1.0	< 1.0	< 0.500 J	0.68 J	0.870 J	< 1.0	< 0.500	< 1.0	< 0.500	2.8	3.33	< 1.0
VOCs	Tetrachloroethene	5	11	ug/L	1.2	1.3	1.35 J	140	111	< 1.0	< 0.600	< 1.0	< 0.600	21	20.4	0.81 J
VOCs	Trichloroethene	5	0.49	ug/L	< 1.0	< 1.0	< 0.500 J	9.5	7.43	< 1.0	< 0.500	< 1.0	< 0.500	3.7	2.75	< 1.0
VOCs	Vinyl chloride	2	0.019	ug/L	< 1.0	< 1.0	< 0.500	< 1.0	< 0.500 J	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	< 1.00	< 1.00	< 1.00
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	< 1.00	< 1.00	< 1.00
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	< 10.0	< 10.0	< 10.0

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-7A	W-10	W-10	W-11	W-11	W-13R	W-13R	W-14	W-14	W-15	W-15	W-16
				Date	10/1/24	4/2/24	10/1/24	4/3/24	10/1/24	4/3/24	10/1/24	4/15/24	10/16/24	4/15/24	10/14/24	4/16/24
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	136	60.4	50.0	628	944	59.9	85.8	0.108 #	0 ##	163	185	3.24 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.250
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.350
Radiological	Uranium-238		4	ug/L	0.461	0.0801 J	0.110 J	< 0.200	< 0.200	0.165 J	0.187 J	0.292	0.104 J	< 0.200	< 0.200	2.12
Radiological	Total Uranium Isotopes	30		ug/L	0.461	0.0801 J	0.110 J	< 0.200	< 0.200	0.165 J	0.187 J	0.292	0.104 J	< 0.200	< 0.200	2.12
Chemical	Fluoride	4	0.8	mg/L	6.4	3.3	3.2	< 0.10	< 0.10	9.1	8.2	< 0.10	< 0.10	2.7	2.2	6.6
Chemical	Nitrate as N	10		mg/L	200	7.2	5.6	17	20	16	16	0.093	3.1	36	39	2.0
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 0.500	< 1.0	< 0.500	4.0	2.54	0.52 J	0.843 J	0.51 J	0.195 J	0.90 J	0.973 J	< 1.0
VOCs	Tetrachloroethene	5	11	ug/L	0.810 J	< 1.0	< 0.500	27	18.7	17	28.9	0.46 J	13.4	8.2	9.68	2.0
VOCs	Trichloroethene	5	0.49	ug/L	< 0.500	< 1.0	< 0.500	4.5	2.48	1.7	2.16	0.57 J	2.46	1.7	1.55	0.76 J
VOCs	Vinyl chloride	2	0.019	ug/L	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
SVOCs	Naphthalene		0.12	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
SVOCs	Tributylphosphate		5.2	ug/L	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-16	W-17	W-17	W-18R	W-18R	W-19B	W-19B	W-20	W-20	W-22	W-22	W-23R
				Date	10/16/24	4/8/24	10/10/24	4/5/24	10/3/24	4/12/24	10/10/24	4/18/24	10/18/24	4/4/24	10/3/24	4/16/24
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	1.59 #	533	602	134	133	0 ##	0 ##	1.49 #	1.68 #	22.1	26.7	0 ##
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	0.0224 J	0.0182 J	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	0.431	0.123 J	0.160 J	2.21	1.87	< 0.200	< 0.200	< 0.200	0.100 J	0.503	0.411	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.431	0.123 J	0.160 J	2.23	1.89	< 0.200	< 0.200	< 0.200	0.100	0.503	0.411	< 0.200
Chemical	Fluoride	4	0.8	mg/L	3.7	3.1	2.7	6.9	6.2	< 0.10	< 0.10	< 0.10	< 0.10	4.8	3.1	< 0.10
Chemical	Nitrate as N	10		mg/L	0.96	14	14	330	340	3.1	3.0	0.084	0.11	45	43	0.74
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 0.500	1.1	1.00 J	< 1.0	1.01	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0
VOCs	Tetrachloroethene	5	11	ug/L	0.535 J	5.6	4.76	1.8	1.17 J	71	42.8	< 1.0	< 0.600	0.47 J	< 0.600	< 1.0
VOCs	Trichloroethene	5	0.49	ug/L	< 0.500	1.5	1.02	0.60 J	< 0.500	1.5	0.665 J	< 1.0	< 0.500	0.49 J	< 0.500	< 1.0
VOCs	Vinyl chloride	2	0.019	ug/L	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
SVOCs	Naphthalene		0.12	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
SVOCs	Tributylphosphate		5.2	ug/L	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-23R	W-24	W-24	W-25	W-25	W-26	W-26	W-27	W-27	W-28	W-28	W-29
				Date	10/15/24	4/16/24	10/16/24	4/18/24	10/18/24	4/12/24	10/10/24	4/17/24	10/17/24	4/4/24	10/2/24	4/4/24
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	1.46 #	0 ##	0 ##	0.0309 #	0 ##	3.99	0 ##	3.04 #	2.31 #	0 ##	0.663 #	8.49
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	0.0767	0.0806	< 0.0700
Radiological	Uranium-238		4	ug/L	0.0793 J	< 0.200	< 0.200	< 0.200	0.0696 J	< 0.200	< 0.200	< 0.200	< 0.200	3.83	7.27	0.612
Radiological	Total Uranium Isotopes	30		ug/L	0.0793 J	< 0.200	< 0.200	< 0.200	0.0696	< 0.200	< 0.200	< 0.200	< 0.200	3.91	7.35	0.612
Chemical	Fluoride	4	0.8	mg/L	< 0.10	< 0.10	< 0.10	0.10	< 0.10	2.1	1.8	3.3	2.2	4.4	5.0	3.0
Chemical	Nitrate as N	10		mg/L	0.58	0.070	0.14	0.11	0.063	2.4	2.3	0.096	0.065	11	10	19
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0
VOCs	Tetrachloroethene	5	11	ug/L	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	0.62 J
VOCs	Trichloroethene	5	0.49	ug/L	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	0.41 J	< 0.500	0.51 J
VOCs	Vinyl chloride	2	0.019	ug/L	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.390 J	< 1.00	< 1.00	< 1.00
SVOCs	Naphthalene		0.12	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
SVOCs	Tributylphosphate		5.2	ug/L	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-29	W-30	W-30	W-32	W-32	W-33	W-33	W-35	W-35	W-35	W-36	W-36
				Date	10/3/24	4/5/24	10/3/24	4/3/24	10/1/24	4/11/24	10/8/24	4/8/24	10/7/24	10/7/24	4/8/24	10/7/24
				Type	N	N	N	N	N	N	N	N	N	FD	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	14.1	31.3	48.7	254	302	2.89 #	0.156 #	1.38 #	0.176 #	0 ##	0.0484 #	0 ##
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	0.121	0.130	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	0.504	5.04	5.40	0.147 J	0.145 J	< 0.200	0.0695 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.504	5.16	5.53	0.147 J	0.145 J	< 0.200	0.0695 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4	0.8	mg/L	2.6	8.3	7.7	3.9	3.4	0.16	0.20	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	18	210	320	110	120	7.2	6.5	2.5	2.5	2.4	0.27	0.065
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	1.6	0.806 J	< 1.0	< 0.500	< 0.500	< 1.0	< 0.500
VOCs	Tetrachloroethene	5	11	ug/L	< 0.600	0.59 J	0.343 J	0.94 J	0.837 J	220	90.0	1.4	1.12 J	1.20 J	< 1.0	< 0.600
VOCs	Trichloroethene	5	0.49	ug/L	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	25	6.12	< 1.0	< 0.500	< 0.500	< 1.0	< 0.500
VOCs	Vinyl chloride	2	0.019	ug/L	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 0.500	< 1.0	< 0.500
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
SVOCs	Naphthalene		0.12	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
SVOCs	Tributylphosphate		5.2	ug/L	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-37	W-37	W-38	W-38	W-39	W-39	W-40	W-40	W-41R	W-41R	W-42	W-42
				Date	4/5/24	10/7/24	4/4/24	10/3/24	4/10/24	10/10/24	4/9/24	10/8/24	4/11/24	10/10/24	4/15/24	10/14/24
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	0 ##	1.01 #	0 ##	0 ##	5.06	2.64 #	2.27 #	0.000203 #	10.1	3.06 #	2.78 #	0.947 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	< 0.200	< 0.200	0.100 J	0.0986 J	< 0.200	< 0.200	0.129 J	0.0950 J	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	0.100 J	0.0986 J	< 0.200	< 0.200	0.129 J	0.0950 J	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4	0.8	mg/L	< 0.10	< 0.10	0.32	0.35	< 0.10	< 0.10	0.25	0.26	< 0.10	< 0.10	1.4	1.1
Chemical	Nitrate as N	10		mg/L	1.4	1.4	2.9	3.5	59	48	0.41	2.3	34	34	2.9	3.1
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 1.0	< 0.500	< 1.0	1.07	20	16.3	< 1.0	< 0.500	3.7	3.55	< 1.0	< 0.500
VOCs	Tetrachloroethene	5	11	ug/L	< 1.0	< 0.600	1.1	1.20 J	290	476	< 1.0	< 0.600	190	163	< 1.0	< 0.600
VOCs	Trichloroethene	5	0.49	ug/L	< 1.0	< 0.500	7.7	5.42	9.4	7.61	< 1.0	< 0.500	8.4	4.43	< 1.0	< 0.500
VOCs	Vinyl chloride	2	0.019	ug/L	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 0.957	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
SVOCs	Naphthalene		0.12	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 0.957	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
SVOCs	Tributylphosphate		5.2	ug/L	< 10.0	< 10.0	< 10.0	< 10.0	< 9.57	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-43	W-43	W-44	W-44	W-45	W-45	W-46	W-46	W-47	W-47	W-48	W-48
				Date	4/10/24	10/9/24	4/11/24	10/10/24	4/8/24	10/7/24	4/12/24	10/10/24	4/15/24	10/14/24	4/15/24	10/11/24
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	0.275 #	0 ##	2.51 #	0 ##	0 ##	0 ##	49.5	45.5	94.0	85.0	14.3	10.4
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	0.0290 J	0.0236 J	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	< 0.200	< 0.200	< 0.200	< 0.200	1.14	0.990	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	1.17	1.01	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4	0.8	mg/L	< 0.10	< 0.10	< 0.10	< 0.10	0.49	0.87	< 0.10	< 0.10	4.7	4.0	0.44	0.49
Chemical	Nitrate as N	10		mg/L	5.9	6.4	1.7	1.7	1.6	0.043	7.7	7.6	36	33	5.0	4.5
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	0.270 J	< 1.0	0.154 J	< 1.0	0.154 J	1.9	2.42
VOCs	Tetrachloroethene	5	11	ug/L	0.41 J	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	2.9	2.99	2.2	1.36	190	169
VOCs	Trichloroethene	5	0.49	ug/L	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	0.58 J	0.469 J	0.50 J	< 0.500	4.7	5.90
VOCs	Vinyl chloride	2	0.019	ug/L	< 1.0	< 0.500 J	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500 J
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
SVOCs	Naphthalene		0.12	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.960 J	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
SVOCs	Tributylphosphate		5.2	ug/L	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-49	W-49	W-50	W-50	W-51	W-51	W-52	W-52	W-53	W-53	W-54	W-54
				Date	4/15/24	10/14/24	4/9/24	10/8/24	4/5/24	10/7/24	4/2/24	10/7/24	4/2/24	10/7/24	4/5/24	10/4/24
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	2.77 #	0.577 #	0 ##	0.855 #	0 ##	0 ##	0 ##	1.14 #	0 ##	0 ##	0 ##	0 ##
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	< 0.200	0.158 J	< 0.200	0.247	< 0.200	< 0.200	0.126 J	0.102 J	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	0.158 J	< 0.200	0.247	< 0.200	< 0.200	0.126 J	0.102 J	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4	0.8	mg/L	< 0.10	< 0.10	< 0.10	< 0.10	0.22	0.24	0.81	0.86	< 0.10	< 0.10	0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	0.13	< 0.020	0.084	< 0.020	0.034	0.046	1.3	1.3	0.34	0.040	0.90	1.0
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	0.46 J	1.83
VOCs	Tetrachloroethene	5	11	ug/L	< 1.0	< 0.600 J	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	0.60 J	< 0.600
VOCs	Trichloroethene	5	0.49	ug/L	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	0.42 J	< 0.500
VOCs	Vinyl chloride	2	0.019	ug/L	< 1.0	< 0.500 J	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-55	W-55	W-56	W-56	W-57	W-57	W-58	W-58	W-59	W-59	W-60	W-60
				Date	4/9/24	10/22/24	4/9/24	10/22/24	4/4/24	10/4/24	4/4/24	10/4/24	4/9/24	10/22/24	4/12/24	10/11/24
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	0.0996 #	0 ##	0.998 #	0 ##	0 ##	0 ##	0 ##	0 ##	11.4	10.8	0 ##	0 ##
Radiological	Uranium-234			ug/L	0.0160 J	0.0240 J	0.0760	0.166	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	1.98	2.49	9.84	17.3	< 0.0700	0.0106 J	0.0155 J	0.0235 J	0.139	0.140	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	59.1	75.4	292	531	0.210	0.342	0.511	0.584	4.42	4.56	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	61.1	77.9	302	549	0.210	0.353	0.527	0.608	4.56	4.70	< 0.200	< 0.200
Chemical	Fluoride	4	0.8	mg/L	0.0826 J	< 0.100	0.355	0.360	< 0.10	< 0.10	0.11	< 0.10	1.87	2.63	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	1.54	1.49	1.99	2.29	1.6	2.4	5.6	11	34.6	39.8	0.11	0.12
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.0	1.91	< 1.0	3.19	< 1.00	< 1.00	< 1.0	< 0.500
VOCs	Tetrachloroethene	5	11	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	0.58 J	< 0.600	0.51 J	< 0.600	< 1.00	< 1.00	< 1.0	0.340 J
VOCs	Trichloroethene	5	0.49	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	0.40 J	< 0.500	0.41 J	< 0.500	< 1.00	< 1.00	0.90 J	0.893 J
VOCs	Vinyl chloride	2	0.019	ug/L	< 1.00	< 1.00	< 1.00	< 1.00	< 1.0	0.249 J	< 1.0	0.406 J	< 1.00	< 1.00	< 1.0	< 0.500 J
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-61	W-61	W-62	W-62	W-63	W-63	W-64	W-64	W-64	W-64	W-65	W-65
				Date	4/10/24	10/11/24	4/11/24	10/10/24	4/15/24	10/14/24	4/15/24	4/15/24	10/14/24	10/14/24	4/10/24	10/9/24
				Type	N	N	N	N	N	N	N	FD	N	FD	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	0.108 #	0 ##	0 ##	0 ##	23.3	21.4	99.5	97.1	90.2	95.1	0 ##	0 ##
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	0.0101 J	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	0.0959 J	0.0878 J	< 0.200	< 0.200	1.20	1.23	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.0959 J	0.0878 J	< 0.200	< 0.200	1.21	1.23	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4	0.8	mg/L	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	4.3	4.3	3.7	3.7	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	2.1	2.3	3.4	3.2	6.2	6.5	40	39	36	36	1.3	1.7
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 1.0	< 0.500	< 0.500	22	18.5
VOCs	Tetrachloroethene	5	11	ug/L	0.74 J	< 0.600	51	43.9	2.2	1.90	1.7	1.7	0.750 J	0.787 J	370	416
VOCs	Trichloroethene	5	0.49	ug/L	< 1.0	< 0.500	0.67 J	0.411 J	1.5	1.03	0.44 J	0.40 J	< 0.500	< 0.500	50	40.4
VOCs	Vinyl chloride	2	0.019	ug/L	< 1.0	< 0.500 J	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 1.0	< 0.500	< 0.500	< 1.0	< 0.500 J
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-66	W-66	W-67	W-67	W-68	W-68	W-69	W-69	W-70	W-70	W-71	W-71
				Date	4/10/24	10/9/24	4/16/24	10/16/24	4/11/24	10/11/24	4/16/24	10/15/24	4/16/24	10/15/24	4/16/24	10/15/24
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	0.535 #	0 ##	43.3	41.4	1.88 #	0 ##	0 ##	0 ##	0 ##	1.52 #	0 ##	0 ##
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0928 J	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0928 J	< 0.200
Chemical	Fluoride	4	0.8	mg/L	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	1.8	1.8	11	9.9	2.4	2.2	0.79	0.69	1.2	1.2	0.14	0.079
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	14	9.97	1.2	0.980 J	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500
VOCs	Tetrachloroethene	5	11	ug/L	340	462	41	37.6	47	42.6	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600
VOCs	Trichloroethene	5	0.49	ug/L	9.5	7.80	6.9	6.70	0.96 J	1.02	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500
VOCs	Vinyl chloride	2	0.019	ug/L	< 1.0	< 0.500 J	< 1.0	< 0.500	< 1.0	< 0.500 J	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-71	W-72	W-72	W-73	W-73	W-74	W-74	W-75	W-75	W-76	W-76	W-77
				Date	10/15/24	4/5/24	10/4/24	4/4/24	10/4/24	4/8/24	10/4/24	4/5/24	10/4/24	4/4/24	10/2/24	4/9/24
				Type	FD	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	1.96 #	0.389 #	0 ##	0 ##	0 ##	3.22 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	0.0180 J
Radiological	Uranium-235			ug/L	< 0.0700	0.0202 J	0.0591 J	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	0.132	0.136	2.47
Radiological	Uranium-238		4	ug/L	< 0.200	0.614	2.07	0.110 J	0.111 J	< 0.200	< 0.200	< 0.200	< 0.200	3.95	3.98	56.9
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	0.634	2.13	0.110 J	0.111 J	< 0.200	< 0.200	< 0.200	< 0.200	4.09	4.12	59.4
Chemical	Fluoride	4	0.8	mg/L	< 0.10	0.68	0.84	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	2.8	2.4	7.77
Chemical	Nitrate as N	10		mg/L	0.086	1.6	4.3	0.84	1.1	5.2	5.6	0.81	0.99	13	13	6.11
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 0.500	< 1.0	1.27	< 1.0	2.30	0.75 J	7.17	< 1.0	< 0.500	< 1.0	< 0.500	< 1.00
VOCs	Tetrachloroethene	5	11	ug/L	< 0.600	0.71 J	< 0.600	0.75 J	0.529 J	7.4	7.00	0.74 J	0.546 J	0.67 J	0.455 J	< 1.00
VOCs	Trichloroethene	5	0.49	ug/L	< 0.500	0.51 J	< 0.500	0.41 J	< 0.500	2.6	1.75	0.48 J	< 0.500	48	11.7	< 1.00
VOCs	Vinyl chloride	2	0.019	ug/L	< 0.500	< 1.0	< 0.500	< 1.0	0.293 J	< 1.0	0.877 J	< 1.0	< 0.500	< 1.0	< 0.500	< 1.00
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-77	W-78	W-78	W-78	W-79	W-79	W-80	W-80	W-81	W-81	W-82	W-82
				Date	10/22/24	4/3/24	4/3/24	10/2/24	4/3/24	10/2/24	4/2/24	10/2/24	4/3/24	10/2/24	4/2/24	10/2/24
				Type	N	N	FD	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	0 ##	0 ##	0 ##	0.229 #	0 ##	0 ##	0 ##	0 ##	0.223 #	1.51 #	0 ##	0 ##
Radiological	Uranium-234			ug/L	0.0310 J	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	3.38	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	80.4	0.0930 J	0.101 J	0.146 J	< 0.200	< 0.200	0.299	0.164 J	0.0835 J	0.0675 J	0.189 J	0.398
Radiological	Total Uranium Isotopes	30		ug/L	83.8	0.0930 J	0.101 J	0.146 J	< 0.200	< 0.200	0.299	0.164 J	0.0835 J	0.0675 J	0.189 J	0.398
Chemical	Fluoride	4	0.8	mg/L	10.4	9.8	9.7	9.8	1.1	0.50	0.15	0.19	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	8.81	5.6	5.8	5.2	3.5	4.2	9.4	8.9	4.2	3.5	2.1	2.4
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 1.00	< 1.0	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500
VOCs	Tetrachloroethene	5	11	ug/L	< 1.00	< 1.0	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600
VOCs	Trichloroethene	5	0.49	ug/L	< 1.00	< 1.0	< 1.0	< 0.500	< 1.0	< 0.500	0.87 J	< 0.500	< 1.0	< 0.500	0.77 J	< 0.500
VOCs	Vinyl chloride	2	0.019	ug/L	< 1.00	< 1.0	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-83	W-83	W-84	W-84	W-85	W-85	W-86	W-86	W-87	W-87	W-88	W-88
				Date	4/2/24	10/1/24	4/2/24	10/1/24	4/16/24	10/15/24	4/16/24	10/15/24	4/8/24	10/7/24	4/11/24	10/8/24
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	0 ##	1.28 #	0 ##	0.401 #	0.259 #	0.246 #	0 ##	0 ##	0 ##	0 ##	0.894 #	0.0902 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0784 J	0.205	0.190 J	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0784 J	0.205	0.190 J	< 0.200	< 0.200
Chemical	Fluoride	4	0.8	mg/L	0.12	0.19	< 0.10	0.11	0.27	0.17	0.47	0.46	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	1.0	0.95	0.17	< 0.020	0.15	0.10	0.14	0.077	0.68	0.79	3.2	3.1
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500
VOCs	Tetrachloroethene	5	11	ug/L	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.600	< 1.0	< 0.600	24	25.7	1.7	0.886 J
VOCs	Trichloroethene	5	0.49	ug/L	0.43 J	0.342 J	0.78 J	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	6.9	5.12	< 1.0	< 0.500
VOCs	Vinyl chloride	2	0.019	ug/L	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-89	W-89	W-90	W-90	W-91	W-91	W-92	W-92	W-93	W-93	W-93	W-94
				Date	4/11/24	10/8/24	4/12/24	10/11/24	4/11/24	10/11/24	4/17/24	10/17/24	4/8/24	10/3/24	10/3/24	4/18/24
				Type	N	N	N	N	N	N	N	N	N	N	FD	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	0 ##	0.0421 #	0.291 #	0 ##	2.23 #	0 ##	1.35 #	2.16 #	0 ##	0 ##	0.00324 #	0 ##
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0965 J	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0965 J	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4	0.8	mg/L	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.11	0.15	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	1.8	1.7	2.2	1.5	0.64	0.39	0.13	0.074	5.9	6.5	6.5	0.078
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	1.46	1.46	4.1
VOCs	Tetrachloroethene	5	11	ug/L	1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	27	27.5	26.9	< 1.0
VOCs	Trichloroethene	5	0.49	ug/L	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	3.9	3.23	3.18	< 1.0
VOCs	Vinyl chloride	2	0.019	ug/L	< 1.0	< 0.500	< 1.0	< 0.500 J	< 1.0	< 0.500 J	< 1.0	< 0.500	< 1.0	< 0.500	< 0.500	1.4
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-94	W-94	W-95	W-95	W-96	W-96	W-97	W-97	W-98	W-98	W-99	W-99
				Date	10/18/24	10/18/24	4/19/24	10/18/24	4/17/24	10/17/24	4/16/24	10/16/24	4/15/24	10/14/24	4/12/24	10/11/24
				Type	N	FD	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	0.614 #	1.06 #	2.43 #	0 ##	3.01 #	10.0	41.7	63.8	8.11	1.94 #	47.1	61.7
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	0.0695 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0731 J	< 0.200	< 0.200	0.0986 J
Radiological	Total Uranium Isotopes	30		ug/L	0.0695	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0731 J	< 0.200	< 0.200	0.0986 J
Chemical	Fluoride	4	0.8	mg/L	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.25	0.24	< 0.10	< 0.10	2.8	2.4
Chemical	Nitrate as N	10		mg/L	0.051	0.041	0.15	0.038	0.13	0.23	5.9	8.6	7.0	5.8	0.43	1.3
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	1.05	1.24	0.98 J	2.97	0.55 J	0.577 J	0.45 J	0.666 J	< 1.0	< 0.500	< 1.0	2.15
VOCs	Tetrachloroethene	5	11	ug/L	< 0.600	< 0.600	< 1.0	< 0.600	0.65 J	1.44	8.5	12.3	< 1.0	< 0.600	1.3	12.3
VOCs	Trichloroethene	5	0.49	ug/L	0.377 J	0.574 J	< 1.0	< 0.500	1.6	1.69	1.6	2.90	< 1.0	< 0.500	< 1.0	2.38
VOCs	Vinyl chloride	2	0.019	ug/L	< 0.500	< 0.500	< 1.0	1.13	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500 J
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-100	W-100	W-102	W-102	W-103	W-103	W-104	W-104	W-105	W-105	W-106	W-106
				Date	4/12/24	10/11/24	4/5/24	10/3/24	4/16/24	10/15/24	4/18/24	10/17/24	4/17/24	10/17/24	4/15/24	10/14/24
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	4.71	11.3	89.6	81.2	24.3	24.6	5.76	3.26 #	0 ##	0 ##	3.87	0 ##
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	0.0225 J	0.0240 J	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	0.105 J	0.206	1.25	1.25	< 0.200	< 0.200	< 0.200	0.0917 J	< 0.200	0.111 J	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.105 J	0.206	1.27	1.27	< 0.200	< 0.200	< 0.200	0.0917 J	< 0.200	0.111 J	< 0.200	< 0.200
Chemical	Fluoride	4	0.8	mg/L	0.74	1.1	2.8	2.4	< 0.10	< 0.10	< 0.10	< 0.10	0.18	0.19	0.30	0.19
Chemical	Nitrate as N	10		mg/L	1.9	3.6	57	57	6.5	7.1	6.6	4.9	0.21	0.088	0.054	< 0.020
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 1.0	< 0.500	3.1	3.27	0.66 J	0.641 J	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500
VOCs	Tetrachloroethene	5	11	ug/L	< 1.0	< 0.600	36	33.6	23	22.9	3.2	2.33	< 1.0	< 0.600	< 1.0	< 0.600
VOCs	Trichloroethene	5	0.49	ug/L	< 1.0	< 0.500	5.8	4.41	4.3	4.18	1.2	1.31	< 1.0	< 0.500	< 1.0	< 0.500
VOCs	Vinyl chloride	2	0.019	ug/L	< 1.0	< 0.500 J	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	0.46 J	< 0.500
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-107	W-107	W-108	W-108	W-109	W-109	W-110	W-110	W-111	W-111	W-111	W-112
				Date	4/19/24	10/18/24	4/18/24	10/17/24	4/18/24	10/18/24	4/19/24	10/21/24	4/18/24	4/18/24	10/18/24	4/18/24
				Type	N	N	N	N	N	N	N	N	N	FD	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	5.65	0 ##	3.63	0 ##	4.54	2.37 #	2.83 #	0.274 #	4.60	2.55 #	0 ##	1.64 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	0.0721 J	0.167 J	0.0747 J	0.0984 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0780 J	0.398
Radiological	Total Uranium Isotopes	30		ug/L	0.0721 J	0.167	0.0747 J	0.0984 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0780	0.398
Chemical	Fluoride	4	0.8	mg/L	0.12	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.13
Chemical	Nitrate as N	10		mg/L	0.082	0.039	0.090	0.078	0.099	0.035	0.12	0.053	0.13	0.11	0.075	0.065
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 1.0	0.305 J	0.90 J	0.771 J	1.4	1.52	< 1.0	0.243 J	< 1.0	< 1.0	< 0.500	< 1.0
VOCs	Tetrachloroethene	5	11	ug/L	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600 J	< 1.0	< 0.600	< 1.0	< 1.0	< 0.600	< 1.0
VOCs	Trichloroethene	5	0.49	ug/L	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 1.0	< 0.500	< 1.0
VOCs	Vinyl chloride	2	0.019	ug/L	3.2	2.27	1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 1.0	< 0.500	< 1.0
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-112	W-113	W-113	W-114	W-114	W-115	W-115	W-116	W-116	W-117	W-117	W-118
				Date	10/21/24	4/9/24	10/8/24	4/9/24	10/8/24	4/9/24	10/8/24	4/9/24	10/8/24	4/9/24	10/8/24	4/12/24
				Type	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	0.790 #	0.0688 #	0 ##	0 ##	0 ##	1.94 #	0 ##	0 ##	0 ##	4.43	1.06 #	0 ##
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	0.181 J	0.100 J	0.0835 J	0.112 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.181 J	0.100 J	0.0835 J	0.112 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4	0.8	mg/L	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	0.035	2.7	2.9	0.98	0.95	2.9	2.8	4.8	4.8	2.4	2.5	2.3
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0
VOCs	Tetrachloroethene	5	11	ug/L	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600	3.1	3.26	61
VOCs	Trichloroethene	5	0.49	ug/L	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	2.2
VOCs	Vinyl chloride	2	0.019	ug/L	< 0.500	< 1.0	< 0.500 J	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-118	W-119	W-119	W-119	W-120	W-120	W-121	W-121	W-121	W-122	W-122	W-122
				Date	10/8/24	4/11/24	4/11/24	10/8/24	4/10/24	10/9/24	4/10/24	10/9/24	10/9/24	4/8/24	4/8/24	10/7/24
				Type	N	N	FD	N	N	N	N	N	FD	N	FD	N
Group	Analyte	MCL	Tap Water RSL	Units												
Radiological	Technetium-99	900		pCi/L	0 ##	3.62 #	0.859 #	0 ##	1.40 #	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	< 0.200	< 0.200	< 0.200	< 0.200	0.354	0.322	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	0.354	0.322	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4	0.8	mg/L	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	2.4	1.3	1.4	1.4	1.2	3.5	1.7	1.7	1.7	0.082	0.12	0.50
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	< 0.500	< 1.0	< 1.0	< 0.500	1.0	0.667 J	< 1.0	< 0.500	< 0.500	< 1.0	< 1.0	< 0.500
VOCs	Tetrachloroethene	5	11	ug/L	50.6	62	59	43.4	260	219	12	5.66	5.42	< 1.0	< 1.0	< 0.600
VOCs	Trichloroethene	5	0.49	ug/L	1.63	3.1	2.9	1.93	14	9.76	< 1.0	< 0.500	< 0.500	< 1.0	< 1.0	< 0.500
VOCs	Vinyl chloride	2	0.019	ug/L	< 0.500	< 1.0	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 0.500	< 1.0	< 1.0	< 0.500
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4 - Summary of Groundwater Analytical Results
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-123	W-123	W-124	W-124	W-125	W-125	W-126	W-126
				Date	4/3/24	10/1/24	4/18/24	10/17/24	4/17/24	10/16/24	4/17/24	10/17/24
				Type	N	N	N	N	N	N	N	N
Group	Analyte	MCL	Tap Water RSL	Units								
Radiological	Technetium-99	900		pCi/L	384	407	1.27 #	0.555 #	0.630 #	2.34 #	0 ##	1.10 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	0.0105 J	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238		4	ug/L	1.45	1.37	< 0.200	< 0.200	0.0762 J	0.508	0.0726 J	0.308
Radiological	Total Uranium Isotopes	30		ug/L	1.46	1.37	< 0.200	< 0.200	0.0762 J	0.508	0.0726 J	0.308
Chemical	Fluoride	4	0.8	mg/L	9.0	9.2	< 0.10	< 0.10	0.60	0.22	0.13	< 0.10
Chemical	Nitrate as N	10		mg/L	88	80	0.13	0.20	0.99	0.037	0.097	0.14
VOCs	cis-1,2-Dichloroethene	70	25	ug/L	1.9	1.60	< 1.0	< 0.500	< 1.0	0.299 J	0.91 J	< 0.500
VOCs	Tetrachloroethene	5	11	ug/L	23	18.7	< 1.0	< 0.600	< 1.0	< 0.600	< 1.0	< 0.600
VOCs	Trichloroethene	5	0.49	ug/L	12	8.63	< 1.0	< 0.500	< 1.0	< 0.500	2.1	< 0.500
VOCs	Vinyl chloride	2	0.019	ug/L	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500	< 1.0	< 0.500
SVOCs	Bis(2-ethylhexyl)phthalate	6	5.6	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene		0.12	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate		5.2	ug/L	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
MCL - Maximum Contaminant Level
Concentrations in orange shaded cells exceed their MCL or RSL
Bold concentrations indicate detections
J - Result below reporting limit
NA - not analyzed
- value is below minimum detectable concentration
- value shown as zero reported by analytical laboratory as a negative number
pCi/L - picocuries per liter
ug/L - micrograms per liter
mg/L - milligrams per liter
SVOCs - semivolatile organic compounds
VOCs - volatile organic compounds
N - Normal sample
FD - Field duplicate sample

Appendix A
Groundwater Sample Collections Records

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-RW1	SAMPLE ID: W-RW1-2024-Q2	DATE: 4/8/2024 1:26:00 PM
TOTAL WELL DEPTH (feet) (A): 33.72	WATER TABLE DEPTH (feet) (B): 8.80	LENGTH OF WATER COLUMN (feet) (A-B): 24.92
CASING DIAMETER / MATL: 4 in, STEEL	WELL SCREEN INTERVAL DEPTH: 22.00 - 32.00 ft	CALCULATED SYSTEM VOLUME (gallons): 16.27

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.22	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/8/2024 1:01:00 PM	PURGING END TIME: 4/8/2024 1:24:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:04 PM	8.80	160.00	0.0	0.0	23.72	68.69	5.63	5.91	176.7	4.37	Clear
1:09 PM	8.80	160.00	0.8	0.8	22.51	67.78	4.44	5.69	202.5	0.00	Clear
1:14 PM	8.80	160.00	0.8	1.6	22.55	67.74	4.41	5.69	209.1	0.00	Clear
1:19 PM	8.80	160.00	0.8	2.4	22.51	67.89	4.35	5.70	210.3	0.00	Clear
1:24 PM	8.80	160.00	0.8	3.2	22.44	67.82	4.35	5.70	212.4	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-RW1	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE: W-RW1-2024-Q2-DUP
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-RW2	SAMPLE ID: W-RW2-2024-Q2	DATE: 4/12/2024 10:15:00 AM
TOTAL WELL DEPTH (feet) (A): NM	WATER TABLE DEPTH (feet) (B): 18.27	LENGTH OF WATER COLUMN (feet) (A-B):
CASING DIAMETER / MATL: 4 in, STEEL	WELL SCREEN INTERVAL DEPTH: 18.50 - 28.50 ft	CALCULATED SYSTEM VOLUME (gallons):

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.85	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/12/2024 9:51:00 AM	PURGING END TIME: 4/12/2024 10:13:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:53 AM	18.48	140.00	0.0	0.0	17.98	167.08	5.74	6.14	214.7	9.32	Clear
9:58 AM	18.50	140.00	0.7	0.7	17.81	156.73	2.20	5.58	219.5	0.00	Clear
10:03 AM	18.50	140.00	0.7	1.4	17.78	156.26	2.08	5.58	223.8	0.00	Clear
10:08 AM	18.50	140.00	0.7	2.1	17.73	156.59	1.98	5.58	227.3	0.97	Clear
10:13 AM	18.50	140.00	0.7	2.8	17.77	156.01	1.86	5.59	229.3	3.76	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-RW2	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-3A	SAMPLE ID: W-3A-2024-Q2	DATE: 4/17/2024 12:08:00 PM
TOTAL WELL DEPTH (feet) (A): 85.20	WATER TABLE DEPTH (feet) (B): 5.28	LENGTH OF WATER COLUMN (feet) (A-B): 79.92
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 73.00 - 83.00 ft	CALCULATED SYSTEM VOLUME (gallons): 13.04

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/17/2024 11:45:00 AM	PURGING END TIME: 4/17/2024 12:05:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:45 AM	5.28	100.00	0.0	0.0	19.14	25.09	2.00	5.18	77.1	162.89	Light brown
11:50 AM	5.29	100.00	0.5	0.5	18.72	25.06	1.24	5.17	69.5	20.11	Clear
11:55 AM	5.29	100.00	0.5	1.0	18.72	25.10	1.10	5.23	68.6	7.80	Clear
12:00 PM	5.30	100.00	0.5	1.5	18.69	25.11	1.05	5.23	68.5	3.04	Clear
12:05 PM	5.30	100.00	0.5	2.0	18.78	25.11	1.03	5.21	70.4	1.25	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-3A	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-4R	SAMPLE ID: W-4R-2024-Q2	DATE: 4/17/2024 11:23:00 AM
TOTAL WELL DEPTH (feet) (A): 12.35	WATER TABLE DEPTH (feet) (B): 7.18	LENGTH OF WATER COLUMN (feet) (A-B): 5.17
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 4.50 - 14.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.84

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/17/2024 11:00:00 AM	PURGING END TIME: 4/17/2024 11:20:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:00 AM	7.18	100.00	0.0	0.0	17.06	136.76	3.14	5.92	163.5	0.00	Clear
11:05 AM	7.35	100.00	0.5	0.5	17.15	134.90	2.49	5.93	174.4	0.00	Clear
11:10 AM	7.34	100.00	0.5	1.0	17.23	134.34	2.32	5.92	180.6	0.00	Clear
11:15 AM	7.34	100.00	0.5	1.5	17.62	134.50	2.25	5.90	181.7	0.00	Clear
11:20 AM	7.34	100.00	0.5	2.0	17.77	134.58	2.21	5.89	180.1	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-4R	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-6	SAMPLE ID: W-6-2024-Q2	DATE: 4/4/2024 11:48:00 AM
TOTAL WELL DEPTH (feet) (A): 27.12	WATER TABLE DEPTH (feet) (B): 10.17	LENGTH OF WATER COLUMN (feet) (A-B): 16.95
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 23.00 - 28.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.77

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/4/2024 12:20:00 PM	PURGING END TIME: 4/4/2024 1:00:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:45 AM	10.17	100.00	0.0	0.0	18.80	1719.35	0.82	4.77	249.4	0.00	Clear
10:50 AM	11.10	100.00	0.5	0.5	18.90	1731.48	0.52	4.79	245.5	0.00	Clear
10:55 AM	11.36	100.00	0.5	1.0	18.94	1743.67	0.29	4.81	242.0	0.00	Clear
11:00 AM	11.34	100.00	0.5	1.5	18.95	1948.96	0.35	5.40	235.3	0.00	Clear
11:05 AM	11.32	100.00	0.5	2.0	19.28	2433.88	0.28	6.23	210.4	0.00	Clear
11:10 AM	11.31	100.00	0.5	2.5	19.42	2523.30	0.27	6.26	208.4	0.00	Clear
11:15 AM	11.31	100.00	0.5	3.0	19.52	2694.49	0.18	6.31	-36.4	0.54	Clear
11:20 AM	11.31	100.00	0.5	3.5	19.62	2705.17	0.26	6.31	46.5	0.00	Clear
11:25 AM	11.30	100.00	0.5	4.0	19.67	2716.63	0.22	6.33	87.8	1.79	Clear
11:30 AM	11.30	100.00	0.5	4.5	19.66	2774.94	0.19	6.36	102.6	6.80	Clear
11:35 AM	11.30	100.00	0.5	5.0	19.86	2824.30	0.17	6.38	118.6	13.80	Clear
11:40 AM	11.30	100.00	0.5	5.5	19.87	2829.01	0.17	6.39	128.6	5.62	Clear
11:45 AM	11.30	100.00	0.5	6.0	19.93	2828.03	0.15	6.40	135.6	5.11	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-6	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-7A	SAMPLE ID: W-7A-2024-Q2	DATE: 4/2/2024 10:44:00 AM
TOTAL WELL DEPTH (feet) (A): 20.12	WATER TABLE DEPTH (feet) (B): 11.43	LENGTH OF WATER COLUMN (feet) (A-B): 8.69
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 13.00 - 18.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.42

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.62	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/2/2024 10:20:00 AM	PURGING END TIME: 4/2/2024 10:43:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:23 AM	11.72	100.00	0.9	0.9	19.58	2025.20	2.17	7.09	129.8	0.00	Clear
10:28 AM	12.00	180.00	0.9	1.8	18.33	2054.19	0.64	7.12	127.5	0.00	Clear
10:33 AM	12.02	180.00	0.9	2.7	18.35	2047.56	0.41	7.14	126.9	0.00	Clear
10:38 AM	12.02	180.00	0.9	3.6	18.37	2050.82	0.40	7.14	125.9	1.36	Clear
10:43 AM	12.02	180.00	0.9	4.5	18.39	2049.98	0.35	7.15	124.9	3.27	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-7A	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL
2	1 L	Amber glass	None	Select SVOCs	GEL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-10	SAMPLE ID: W-10-2024-Q2	DATE: 4/2/2024 9:23:00 AM
TOTAL WELL DEPTH (feet) (A): 22.31	WATER TABLE DEPTH (feet) (B): 15.55	LENGTH OF WATER COLUMN (feet) (A-B): 6.76
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 17.50 - 22.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.10

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/2/2024 8:59:00 AM	PURGING END TIME: 4/2/2024 9:22:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:02 AM	15.75		0.0	0.0	24.18	5.83	4.74	6.30	125.8	2.27	Clear
9:07 AM	16.05	100.00	0.5	0.5	19.02	339.48	1.13	6.20	112.1	0.00	Clear
9:12 AM	16.08	100.00	0.5	1.0	19.08	339.72	0.72	6.23	113.6	1.23	Clear
9:17 AM	16.10	100.00	0.5	1.5	19.15	339.87	0.77	6.24	116.4	0.00	Clear
9:22 AM	16.10	100.00	0.5	2.0	19.37	339.80	0.60	6.24	117.4	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-10	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL
2	1 L	Amber glass	None	Select SVOCs	GEL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-11	SAMPLE ID: W-11-2024-Q2	DATE: 4/3/2024 1:28:00 PM
TOTAL WELL DEPTH (feet) (A): 27.25	WATER TABLE DEPTH (feet) (B): 17.85	LENGTH OF WATER COLUMN (feet) (A-B): 9.40
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 22.00 - 25.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.53

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.75	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/3/2024 12:46:00 PM	PURGING END TIME: 4/3/2024 1:26:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:51 PM	18.26		0.0	0.0	25.25	228.46	6.23	5.72	145.6	8.68	Clear
12:56 PM	18.85	100.00	0.5	0.5	20.93	143.29	1.13	5.61	153.4	0.00	Clear
1:01 PM	19.34	80.00	0.4	0.9	20.44	143.34	1.06	5.60	156.3	0.00	Clear
1:06 PM	19.54	100.00	0.4	1.3	21.31	144.61	1.01	5.61	156.0	0.00	Clear
1:11 PM	19.97	100.00	0.4	1.7	20.21	143.81	1.03	5.60	157.2	0.00	Clear
1:16 PM	20.56	80.00	0.4	2.1	20.21	143.99	0.81	5.60	159.5	0.00	Clear
1:21 PM	20.96	80.00	0.4	2.5	20.44	143.86	0.76	5.60	161.1	0.00	Clear
1:26 PM	21.46	80.00	0.4	2.9	21.03	143.35	0.63	5.60	162.3	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-11	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-13R	SAMPLE ID: W-13R-2024-Q2	DATE: 4/3/2024 10:48:00 AM
TOTAL WELL DEPTH (feet) (A): 20.19	WATER TABLE DEPTH (feet) (B): 11.71	LENGTH OF WATER COLUMN (feet) (A-B): 8.48
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.38

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/3/2024 10:25:00 AM	PURGING END TIME: 4/3/2024 10:45:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:25 AM	11.71	100.00	0.5	0.5	20.29	568.69	0.94	6.15	166.3	135.80	Light brown
10:30 AM	11.66	100.00	0.5	1.0	20.05	630.04	0.26	6.24	171.4	55.47	Clear
10:35 AM	11.67	100.00	0.5	1.5	20.04	637.21	0.17	6.27	172.9	17.48	Clear
10:40 AM	11.68	100.00	0.5	2.0	19.95	631.94	0.14	6.24	175.5	12.25	Clear
10:45 AM	11.67	100.00	0.5	2.5	19.95	639.04	0.11	6.25	177.3	12.48	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-13R	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-14	SAMPLE ID: W-14-2024-Q2	DATE: 4/15/2024 2:44:00 PM
TOTAL WELL DEPTH (feet) (A): 30.52	WATER TABLE DEPTH (feet) (B): 16.03	LENGTH OF WATER COLUMN (feet) (A-B): 14.49
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 24.00 - 29.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.36

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.02	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/15/2024 2:10:00 PM	PURGING END TIME: 4/15/2024 2:42:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:12 PM	16.15			0.0	24.88	491.50	3.75	6.45	15.1	189.11	Clear
2:17 PM	16.18	140.00	0.7	0.7	20.32	543.55	0.62	6.44	-24.6	78.86	Clear
2:22 PM	16.18	140.00	0.7	1.4	20.28	543.11	0.37	6.42	-25.8	47.74	Clear
2:27 PM	16.18	140.00	0.7	2.1	20.17	541.78	0.28	6.43	-29.6	37.12	Clear
2:32 PM	16.18	140.00	0.7	2.8	20.23	541.29	0.23	6.45	-33.3	22.62	Clear
2:37 PM	16.18	140.00	0.7	3.5	20.19	541.32	0.18	6.47	-35.7	23.47	Clear
2:42 PM	16.18	140.00	0.7	4.2	20.15	535.38	0.16	6.49	-37.5	24.83	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-14	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-15	SAMPLE ID: W-15-2024-Q2	DATE: 4/15/2024 1:29:00 PM
TOTAL WELL DEPTH (feet) (A): 21.95	WATER TABLE DEPTH (feet) (B): 11.60	LENGTH OF WATER COLUMN (feet) (A-B): 10.35
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.50 - 20.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.69

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.45	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/15/2024 1:00:00 PM	PURGING END TIME: 4/15/2024 1:27:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:02 PM	11.80		0.0	0.0	23.06	432.42	3.10	6.22	34.3	2.63	Clear
1:07 PM	11.83	180.00	0.9	0.9	19.17	449.94	0.34	6.23	88.7	0.00	Clear
1:12 PM	11.83	180.00	0.9	1.8	19.71	450.28	0.27	6.23	100.2	0.00	Clear
1:17 PM	11.83	180.00	0.9	2.7	19.64	451.45	0.27	6.24	107.6	1.13	Clear
1:22 PM	11.83	180.00	0.9	3.6	19.86	453.00	0.17	6.23	113.1	3.99	Clear
1:27 PM	11.83	180.00	0.9	4.5	19.79	452.24	0.15	6.25	115.3	6.57	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-15	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-16	SAMPLE ID: W-16-2024-Q2	DATE: 4/16/2024 9:46:00 AM
TOTAL WELL DEPTH (feet) (A): 13.25	WATER TABLE DEPTH (feet) (B): 3.90	LENGTH OF WATER COLUMN (feet) (A-B): 9.35
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 14.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.53

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.75	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/16/2024 8:58:00 AM	PURGING END TIME: 4/16/2024 9:44:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:59 AM	4.40	160.00	0.0	0.0	17.62	148.52	5.83	7.35	160.2	36.11	Slightly murky
9:04 AM	5.73	1605.73	0.8	0.8	17.24	151.48	1.43	7.05	151.8	40.88	Clear
9:09 AM	5.88	100.00	0.5	1.3	17.64	151.59	1.59	7.05	147.3	37.97	Clear
9:14 AM	6.62	100.00	0.5	1.8	17.56	150.10	1.64	7.07	144.1	31.50	
9:19 AM	6.85	100.00	0.5	2.3	17.79	150.66	1.37	7.06	143.2	26.39	Clear
9:24 AM	7.00	100.00	0.5	2.8	17.80	152.02	1.22	7.04	141.4	25.66	Clear
9:29 AM	7.10	100.00	0.5	3.3	17.70	151.69	1.47	7.05	137.8	28.72	Clear
9:34 AM	7.17	100.00	0.5	3.8	17.98	295.72	0.31	6.52	43.9	1.22	Clear
9:39 AM	7.17	100.00	0.5	4.3	18.03	303.264 0000	0.20	6.48	35.9	0.41	Clear
9:44 AM	7.17	100.00	0.5	4.8	18.12	304.424 0000	0.17	6.47	33.9	1.11	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-16	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL:	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-17	SAMPLE ID: W-17-2024-Q2	DATE: 4/8/2024 10:46:00 AM
TOTAL WELL DEPTH (feet) (A): 29.65	WATER TABLE DEPTH (feet) (B): 14.08	LENGTH OF WATER COLUMN (feet) (A-B): 15.57
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 23.00 - 28.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.54

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/8/2024 9:56:00 AM	PURGING END TIME: 4/8/2024 10:44:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:59 AM	14.19	140.00	0.0	0.0	18.05	435.12	5.84	6.86	188.1	7.18	Clear
10:04 AM	14.26	140.00	0.7	0.7	19.21	502.11	0.71	6.89	180.0	0.00	Clear
10:09 AM	14.28	140.00	0.7	1.4	19.37	474.73	0.41	6.82	177.6	0.00	Clear
10:14 AM	14.29	140.00	0.7	2.1	19.46	458.66	0.32	6.79	175.2	0.00	Clear
10:19 AM	14.30	140.00	0.7	2.8	19.63	447.91	0.24	6.76	173.1	0.00	Clear
10:24 AM	14.31	140.00	0.7	3.5	19.74	423.03	0.20	6.70	171.2	0.00	Clear
10:29 AM	14.32	140.00	0.7	4.2	19.77	431.17	0.18	6.71	169.1	0.00	Clear
10:34 AM	14.33	140.00	0.7	4.9	19.95	405.38	0.15	6.64	167.4	1.09	Clear
10:39 AM	14.34	140.00	0.7	5.6	19.96	395.49	0.17	6.63	165.7	2.95	Clear
10:44 AM	14.34	140.00	0.7	6.3	20.09	391.13	0.16	6.59	164.6	9.25	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-17	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-18R	SAMPLE ID: W-18R-2024-Q2	DATE: 4/5/2024 9:28:00 AM
TOTAL WELL DEPTH (feet) (A): 27.20	WATER TABLE DEPTH (feet) (B): 11.42	LENGTH OF WATER COLUMN (feet) (A-B): 15.78
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 22.50 - 27.50 ft	CALCULATED SYSTEM VOLUME (gallons): 2.58

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/5/2024 8:25:00 AM	PURGING END TIME: 4/5/2024 9:25:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:25 AM	11.42	100.00	0.0	0.0	15.69	1584.97	4.42	6.79	136.7	4.07	Clear
8:30 AM	12.73	100.00	0.5	0.5	17.13	1603.11	0.63	6.85	145.9	0.00	Clear
8:35 AM	13.05	100.00	0.5	1.0	16.57	1608.81	0.75	6.86	150.9	0.00	Clear
8:40 AM	13.21	100.00	0.5	1.5	16.59	1645.05	0.84	6.87	152.7	0.00	Clear
8:45 AM	13.38	100.00	0.5	2.0	16.84	1780.14	0.89	6.92	154.1	0.00	Clear
8:50 AM	13.49	100.00	0.5	2.5	17.57	2169.83	0.41	6.97	44.3	0.00	Clear
8:55 AM	13.81	100.00	0.5	3.0	17.66	2291.43	0.40	6.99	72.8	0.00	Clear
9:00 AM	13.94	100.00	0.5	3.5	17.83	2500.90	0.37	7.04	94.7	0.00	Clear
9:05 AM	14.05	100.00	0.5	4.0	17.75	2638.21	0.34	7.07	105.9	0.00	Clear
9:10 AM	14.12	100.00	0.5	4.5	18.03	2779.73	0.30	7.11	114.1	0.00	Clear
9:15 AM	14.18	100.00	0.5	5.0	18.06	2884.17	0.26	7.13	119.8	0.00	Clear
9:20 AM	14.22	100.00	0.5	5.5	18.22	3007.53	0.23	7.17	124.6	0.00	Clear
9:25 AM	14.24	100.00	0.5	6.0	18.24	3099.73	0.24	7.19	128.0	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-18R	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-19B	SAMPLE ID: W-19B-2024-Q2	DATE: 4/12/2024 10:03:00 AM
TOTAL WELL DEPTH (feet) (A): 42.95	WATER TABLE DEPTH (feet) (B): 24.92	LENGTH OF WATER COLUMN (feet) (A-B): 18.03
CASING DIAMETER / MATL: 4 in, PVC	WELL SCREEN INTERVAL DEPTH: 30.50 - 40.50 ft	CALCULATED SYSTEM VOLUME (gallons): 11.77

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 35.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/12/2024 9:25:00 AM	PURGING END TIME: 4/12/2024 10:00:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:25 AM	24.92	100.00	0.5	0.5	16.96	81.077	5.58	5.63	194.9	0.00	Clear
9:30 AM	24.93	100.00	0.5	1.0	17.43	80.943	4.39	5.60	196.5	0.00	Clear
9:35 AM	24.93	100.00	0.5	1.5	17.47	80.95	4.48	5.60	196.5	0.00	Clear
9:40 AM	24.93	100.00	0.5	2.0	17.87	81.00	4.21	5.61	133.3	3.18	Clear
9:45 AM	24.93	100.00	0.5	2.5	17.79	80.78	4.07	5.60	171.7	2.04	Clear
9:50 AM	24.93	100.00	0.5	3.0	17.79	80.79	4.15	5.60	179.4	1.25	Clear
9:55 AM	24.93	100.00	0.5	3.5	17.78	80.72	4.12	5.60	184.2	1.24	Clear
10:00 AM	24.93	100.00	0.5	4.0	17.92	80.70	4.02	5.59	188.5	1.17	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-19B	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-20	SAMPLE ID: W-20-2024-Q2	DATE: 4/18/2024 10:54:00 AM
TOTAL WELL DEPTH (feet) (A): 18.55	WATER TABLE DEPTH (feet) (B): 7.57	LENGTH OF WATER COLUMN (feet) (A-B): 10.98
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.79

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16.38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/18/2024 10:10:00 AM	PURGING END TIME: 4/18/2024 10:52:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:12 AM	7.62			0.0	18.77	98.47	5.42	5.84	98.4	22.17	Clear
10:17 AM	7.62	160.00	0.8	0.8	17.16	100.13	3.33	5.79	167.1	0.00	Clear
10:22 AM	7.62	160.00	0.8	1.6	17.40	100.09	2.94	5.75	184.7	2.66	Clear
10:27 AM	7.62	160.00	0.8	2.4	17.42	99.810	2.37	5.70	197.5	1.25	Clear
10:32 AM	7.62	160.00	0.8	3.2	17.25	99.56	1.82	5.67	199.7	4.84	Clear
10:37 AM	7.62	160.00	0.8	4.0	17.32	99.84	1.65	5.64	208.2	1.24	Clear
10:42 AM	7.62	160.00	0.8	4.8	17.28	99.79	1.40	5.64	212.9	0.00	Clear
10:47 AM	7.62	160.00	0.8	5.6	17.72	99.70	1.25	5.62	214.1	2.59	Clear
10:52 AM	7.62	160.00	0.8	6.4	17.40	99.18	1.22	5.61	216.3	6.59	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-20	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-22	SAMPLE ID: W-22-2024-Q2	DATE: 4/4/2024 1:03:00 PM
TOTAL WELL DEPTH (feet) (A): 14.36	WATER TABLE DEPTH (feet) (B): 10.34	LENGTH OF WATER COLUMN (feet) (A-B): 4.02
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.66

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME:	PURGING END TIME:	PUMP TYPE:

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:20 PM	10.34	100.00	0.0	0.0	20.59	321.85	1.02	5.36	205.9	0.00	Clear
12:25 PM	10.58	100.00	0.5	0.5	19.46	461.32	0.29	5.46	206.7	0.00	Clear
12:30 PM	10.54	100.00	0.5	1.0	19.53	525.23	0.30	5.51	206.3	0.00	Clear
12:35 PM	10.54	100.00	0.5	1.5	19.68	583.12	0.22	5.53	207.2	0.00	Clear
12:40 PM	10.55	100.00	0.5	2.0	19.74	616.19	0.22	5.55	207.2	0.00	Clear
12:45 PM	10.55	100.00	0.5	2.5	19.51	659.94	0.20	5.56	208.0	0.00	Clear
12:50 PM	10.55	100.00	0.5	3.0	19.44	687.04	0.16	5.58	208.6	0.00	Clear
12:55 PM	10.57	100.00	0.5	3.5	19.20	697.24	0.17	5.59	209.0	0.00	Clear
1:00 PM	10.58	100.00	0.5	4.0	19.47	715.18	0.15	5.60	209.1	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-22	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-23R	SAMPLE ID: W-23R-2024-Q2	DATE: 4/16/2024 11:05:00 AM
TOTAL WELL DEPTH (feet) (A): 23.93	WATER TABLE DEPTH (feet) (B): 18.38	LENGTH OF WATER COLUMN (feet) (A-B): 5.55
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 16.00 - 21.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.91

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.43	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/16/2024 10:31:00 AM	PURGING END TIME: 4/16/2024 11:03:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:33 AM	18.42			0.0	20.21	52.021	6.01	6.23	125.2	19.69	Clear
10:38 AM	18.45	120.00	0.6	0.6	18.06	46.28	4.42	5.37	200.6	0.00	Clear
10:43 AM	18.45	120.00	0.6	1.2	17.86	46.36	4.29	5.35	224.6	0.00	Clear
10:48 AM	18.45	120.00	0.6	1.8	17.86	46.36	4.20	5.35	236.4	0.03	Clear
10:53 AM	18.45	120.00	0.6	2.4	17.97	46.39	4.14	5.37	245.2	0.81	Clear
10:58 AM	18.45	120.00	0.6	3.0	17.78	46.42	4.07	5.38	248.2	0.00	Clear
11:03 AM	18.45	120.00	0.6	3.6	17.87	46.58	4.01	5.40	251.6	0.23	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-23R	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-24	SAMPLE ID: W-24-2024-Q2	DATE: 4/16/2024 2:28:00 PM
TOTAL WELL DEPTH (feet) (A): 17.14	WATER TABLE DEPTH (feet) (B): 7.95	LENGTH OF WATER COLUMN (feet) (A-B): 9.19
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.50

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/16/2024 1:40:00 PM	PURGING END TIME: 4/16/2024 2:25:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:40 PM	7.95	100.00	0.0	0.0	19.70	38.24	1.19	5.43	99.9	6.26	Clear
1:45 PM	7.96	100.00	0.5	0.5	19.61	38.39	0.60	5.39	157.2	1.77	Clear
1:50 PM	7.97	100.00	0.5	1.0	19.65	38.58	0.58	5.41	151.8	3.00	Clear
1:55 PM	7.97	100.00	0.5	1.5	19.55	38.77	0.54	5.45	118.8	1.22	Clear
2:00 PM	7.97	100.00	0.5	2.0	19.55	39.97	0.57	5.50	71.9	1.43	Clear
2:05 PM	7.97	100.00	0.5	2.5	19.47	40.59	0.53	5.53	26.9	0.43	Clear
2:10 PM	7.97	100.00	0.5	3.0	19.25	41.20	0.50	5.55	7.9	0.15	Clear
2:15 PM	7.97	100.00	0.5	3.5	19.39	41.85	0.47	5.55	-7.6	0.35	Clear
2:20 PM	7.97	100.00	0.5	4.0	19.44	43.02	0.44	5.56	-14.6	0.53	Clear
2:25 PM	7.97	100.00	0.5	4.5	19.36	44.25	0.43	5.57	-14.4	0.68	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-24	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-25	SAMPLE ID: W-25-2024-Q2	DATE: 4/18/2024 1:52:00 PM
TOTAL WELL DEPTH (feet) (A): 28.72	WATER TABLE DEPTH (feet) (B): 8.10	LENGTH OF WATER COLUMN (feet) (A-B): 20.62
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 22.50 - 27.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.36

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.22	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/18/2024 12:47:00 PM	PURGING END TIME: 4/18/2024 1:49:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:49 PM	8.15	100.00	0.0	0.0	20.29	88.25	3.43	6.25	65.9	52.98	
12:54 PM	8.15	100.00	0.5	0.5	18.44	114.65	1.03	6.43	36.9	108.14	Orange tinge
12:59 PM	8.15	100.00	0.5	1.0	18.42	117.09	0.48	6.46	14.8	98.91	Orange tinge
1:04 PM	8.15	100.00	0.5	1.5	18.05	119.78	0.30	6.48	-2.7	84.78	Clearing
1:09 PM	8.14	80.00	0.4	1.9	18.74	119.99	0.31	6.48	-12.9	74.64	Clearing
1:14 PM	8.14	80.00	0.4	2.3	19.74	119.94	0.43	6.46	-11.0	67.55	Clear
1:19 PM	8.14	80.00	0.4	2.7	20.62	119.74	0.40	6.44	-9.4	70.47	Clear
1:24 PM	8.14	80.00	0.4	3.1	21.41	119.56	0.40	6.43	-7.7	71.51	Clear
1:29 PM	8.14	80.00	0.4	3.5	22.12	119.29	0.43	6.43	-6.1	72.82	Clear
1:34 PM	8.14	80.00	0.4	3.9	22.76	119.11	0.46	6.42	-4.1	74.48	Clear
1:39 PM	8.14	80.00	0.4	4.3	18.50	121.71	0.05	6.44	-24.6	30.28	Clear
1:44 PM	8.14	80.00	0.4	4.7	18.40	120.80	0.05	6.48	-35.5	30.89	Clear
1:49 PM	8.14	80.00	0.4	5.1	18.51	121.82	0.05	6.48	-39.6	25.39	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-25	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-26	SAMPLE ID: W-26-2024-Q2	DATE: 4/12/2024 2:21:00 PM
TOTAL WELL DEPTH (feet) (A): 32.25	WATER TABLE DEPTH (feet) (B): 24.90	LENGTH OF WATER COLUMN (feet) (A-B): 7.35
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.50 - 30.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.20

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.75	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/12/2024 1:56:00 PM	PURGING END TIME: 4/12/2024 2:19:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:59 PM	24.97	0.00	0.0	0.0	19.55	171.79	6.35	5.99	208.2	0.01	Clear
2:04 PM	24.97	140.00	0.7	0.7	18.55	183.26	0.54	5.94	207.6	0.00	Clear
2:09 PM	24.97	140.00	0.7	1.4	18.48	183.01	0.37	5.95	210.0	3.19	Clear
2:14 PM	24.97	140.00	0.7	2.1	18.45	181.28	0.28	5.96	211.2	1.50	Clear
2:19 PM	24.97	140.00	0.7	2.8	18.48	180.67	0.24	5.97	212.1	6.82	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-26	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-27	SAMPLE ID: W-27-2024-Q2	DATE: 4/17/2024 2:30:00 PM
TOTAL WELL DEPTH (feet) (A): 16.80	WATER TABLE DEPTH (feet) (B): 9.99	LENGTH OF WATER COLUMN (feet) (A-B): 6.81
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.11

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/17/2024 2:02:00 PM	PURGING END TIME: 4/17/2024 2:27:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:02 PM	9.99	100.00	0.0	0.0	19.64	317.07	2.13	6.53	-10.3	106.08	Clear
2:07 PM	10.40	100.00	0.5	0.5	18.26	337.81	0.36	6.42	-38.4	41.27	Clear
2:12 PM	10.42	100.00	0.5	1.0	18.20	346.18	0.27	6.43	-54.4	23.21	Clear
2:17 PM	10.42	100.00	0.5	1.5	18.15	348.92	0.21	6.44	-63.9	16.39	Clear
2:22 PM	10.42	100.00	0.5	2.0	18.15	353.30	0.18	6.45	-68.0	8.61	Clear
2:27 PM	10.42	100.00	0.5	2.5	18.14	352.69	0.17	6.45	-69.9	10.93	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-27	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-28	SAMPLE ID: W-28-2024-Q2	DATE: 4/4/2024 9:08:00 AM
TOTAL WELL DEPTH (feet) (A): 17.13	WATER TABLE DEPTH (feet) (B): 12.02	LENGTH OF WATER COLUMN (feet) (A-B): 5.11
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.83

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/4/2024 8:40:00 AM	PURGING END TIME: 4/4/2024 9:05:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:40 AM	12.02	100.00	0.0	0.0	17.53	552.18	5.47	6.77	93.2	0.51	Clear
8:45 AM	12.10	100.00	0.5	0.5	17.62	533.80	5.09	6.74	145.6	0.00	Clear
8:50 AM	12.08	100.00	0.5	1.0	17.76	534.40	4.94	6.73	150.6	0.00	Clear
8:55 AM	12.08	100.00	0.5	1.5	17.92	534.45	4.75	6.71	157.3	0.00	Clear
9:00 AM	12.08	100.00	0.5	2.0	17.96	534.10	4.74	6.73	161.7	0.00	Clear
9:05 AM	12.08	100.00	0.5	2.5	17.73	534.44	5.00	6.71	164.8	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-28	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-29	SAMPLE ID: W-29-2024-Q2	DATE: 4/4/2024 1:43:00 PM
TOTAL WELL DEPTH (feet) (A): 15.60	WATER TABLE DEPTH (feet) (B): 11.86	LENGTH OF WATER COLUMN (feet) (A-B): 3.74
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 9.00 - 14.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.61

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.1	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/4/2024 12:59:00 PM	PURGING END TIME: 4/4/2024 1:41:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:06 PM	11.87	0.00	0.0	0.0	21.25	0.00	6.10	6.37	174.1	1.03	Clear
1:11 PM	11.87	160.00	0.8	0.8	18.55	324.63	1.05	6.46	173.6	0.00	Clear
1:16 PM	11.87	160.00	0.8	1.6	18.44	324.77	0.68	6.50	172.1	0.00	Clear
1:21 PM	11.87	160.00	0.8	2.4	18.52	327.65	0.50	6.50	170.6	0.00	Clear
1:26 PM	11.87	160.00	0.8	3.2	18.47	335.52	0.44	6.52	169.4	0.00	Clear
1:31 PM	11.87	160.00	0.8	4.0	18.44	323.40	0.53	6.48	168.9	0.06	Clear
1:36 PM	11.87	160.00	0.8	4.8	18.43	324.58	0.42	6.52	167.9	0.00	Clear
1:41 PM	11.87	160.00	0.8	5.6	18.48	328.12	0.39	6.53	167.1	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-29	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-30	SAMPLE ID: W-30-2024-Q2	DATE: 4/5/2024 10:48:00 AM
TOTAL WELL DEPTH (feet) (A): 16.71	WATER TABLE DEPTH (feet) (B): 12.10	LENGTH OF WATER COLUMN (feet) (A-B): 4.61
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.75

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/5/2024 10:25:00 AM	PURGING END TIME: 4/5/2024 10:45:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:25 AM	12.10	100.00	0.0	0.0	17.78	2256.15	1.15	6.06	153.5	0.41	Clear
10:30 AM	12.13	100.00	0.5	0.5	18.09	2213.15	0.53	6.04	171.0	0.00	Clear
10:35 AM	12.12	100.00	0.5	1.0	18.08	2116.70	0.53	6.05	177.2	0.00	Clear
10:40 AM	12.12	100.00	0.5	1.5	18.18	2061.05	0.59	6.06	182.0	0.00	Clear
10:45 AM	12.12	100.00	0.5	2.0	18.36	2065.44	0.52	6.05	185.5	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-30	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-32	SAMPLE ID: W-32-2024-Q2	DATE: 4/3/2024 2:43:00 PM
TOTAL WELL DEPTH (feet) (A): 23.95	WATER TABLE DEPTH (feet) (B): 18.57	LENGTH OF WATER COLUMN (feet) (A-B): 5.38
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 17.00 - 22.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.88

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.45	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/3/2024 2:10:00 PM	PURGING END TIME: 4/3/2024 2:42:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:12 PM	18.65	80.00	0.0	0.0	32.76	0.00	5.35	6.78	153.1	0.00	Clear
2:17 PM	18.65	120.00	0.6	0.6	20.94	1053.60	1.25	6.90	152.1	0.00	Clear
2:22 PM	18.71	120.00	0.6	1.2	20.46	1067.79	0.93	6.95	148.5	0.00	Clear
2:27 PM	18.72	80.00	0.4	1.6	20.21	1058.81	0.70	6.95	146.6	0.00	Clear
2:32 PM	18.72	80.00	0.4	2.0	20.16	1055.92	0.50	6.96	144.8	0.00	Clear
2:37 PM	18.72	120.00	0.6	2.6	20.30	1073.13	0.42	7.02	142.6	0.00	Clear
2:42 PM	18.72	120.00	0.6	3.2	20.39	1063.23	0.48	7.00	141.4	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-32	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-33	SAMPLE ID: W-33-2024-Q2	DATE: 4/11/2024 9:24:00 AM
TOTAL WELL DEPTH (feet) (A): 21.13	WATER TABLE DEPTH (feet) (B): 15.40	LENGTH OF WATER COLUMN (feet) (A-B): 5.73
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.94

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18.63	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/11/2024 8:59:00 AM	PURGING END TIME: 4/11/2024 9:21:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:01 AM	15.45	120.00	0.0	0.0	18.34	107.24	4.91	6.48	253.8	7.55	Clear
9:06 AM	15.46	120.00	0.6	0.6	17.91	104.60	1.52	5.94	228.0	1.64	Clear
9:11 AM	15.46	120.00	0.6	1.2	17.84	104.52	1.14	5.94	221.7	0.56	Clear
9:16 AM	15.46	120.00	0.6	1.8	17.82	104.51	0.98	5.94	221.4	0.96	Clear
9:21 AM	15.46	120.00	0.6	2.4	17.81	104.80	0.95	5.94	222.3	3.15	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-33	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-35	SAMPLE ID: W-35-2024-Q2	DATE: 4/8/2024 12:38:00 PM
TOTAL WELL DEPTH (feet) (A): 22.88	WATER TABLE DEPTH (feet) (B): 10.82	LENGTH OF WATER COLUMN (feet) (A-B): 12.06
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.50 - 20.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.97

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/8/2024 12:10:00 PM	PURGING END TIME: 4/8/2024 12:35:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:10 PM	10.82	100.00	0.0	0.0	20.61	135.16	5.21	6.11	95.5	56.95	Clear
12:15 PM	10.93	100.00	0.5	0.5	19.88	132.34	5.14	6.10	138.3	18.79	Clear
12:20 PM	10.94	100.00	0.5	1.0	19.60	130.38	5.21	6.12	150.0	14.35	Clear
12:25 PM	10.94	100.00	0.5	1.5	19.64	127.55	5.26	6.14	156.4	12.42	Clear
12:30 PM	10.94	100.00	0.5	2.0	19.68	129.75	5.06	6.15	161.3	5.50	Clear
12:35 PM	10.94	100.00	0.5	2.5	19.66	129.20	4.96	6.17	164.4	6.73	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-35	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-36	SAMPLE ID: W-36-2024-Q2	DATE: 4/8/2024 11:08:00 AM
TOTAL WELL DEPTH (feet) (A): 21.86	WATER TABLE DEPTH (feet) (B): 7.53	LENGTH OF WATER COLUMN (feet) (A-B): 14.33
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.34

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/8/2024 10:45:00 AM	PURGING END TIME: 4/8/2024 11:05:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:45 AM	7.53	100.00	0.0	0.0	20.11	43.00	1.67	5.46	200.9	16.74	Clear
10:50 AM	8.14	100.00	0.5	0.5	19.33	40.29	0.99	5.55	206.8	12.62	Clear
10:55 AM	8.20	100.00	0.5	1.0	19.32	40.47	0.78	5.52	210.6	2.28	Clear
11:00 AM	8.23	100.00	0.5	1.5	19.27	40.51	0.74	5.50	213.6	1.83	Clear
11:05 AM	8.25	100.00	0.5	2.0	19.64	40.73	0.61	5.48	212.7	1.12	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-36	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-37	SAMPLE ID: W-37-2024-Q2	DATE: 4/5/2024 9:27:00 AM
TOTAL WELL DEPTH (feet) (A): 22.84	WATER TABLE DEPTH (feet) (B): 11.31	LENGTH OF WATER COLUMN (feet) (A-B): 11.53
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.50 - 20.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.88

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.34	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/5/2024 8:59:00 AM	PURGING END TIME: 4/5/2024 9:26:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:01 AM	11.31	100.00	0.0	0.0	16.62	111.89	8.62	6.15	166.3	210.15	Clear
9:06 AM	11.31	100.00	0.5	0.5	18.51	106.48	6.01	6.07	170.2	23.54	Clear
9:11 AM	11.31	100.00	0.5	1.0	18.74	106.44	5.97	6.04	171.6	20.25	Clear
9:16 AM	11.31	100.00	0.5	1.5	18.88	106.16	6.01	6.04	172.2	2.15	Clear
9:21 AM	11.31	100.00	0.5	2.0	18.92	106.31	5.91	6.03	173.1	3.39	Clear
9:26 AM	11.31	100.00	0.5	2.5	19.08	106.24	5.92	6.03	174.5	0.36	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-37	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-38	SAMPLE ID: W-38-2024-Q2	DATE: 4/4/2024 11:49:00 AM
TOTAL WELL DEPTH (feet) (A): 20.03	WATER TABLE DEPTH (feet) (B): 10.16	LENGTH OF WATER COLUMN (feet) (A-B): 9.87
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.61

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.53	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/4/2024 11:25:00 AM	PURGING END TIME: 4/4/2024 11:47:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:27 AM	10.29	160.00	0.0	0.0	20.65	142.05	5.38	5.56	174.4	0.56	Clear
11:32 AM	10.32	160.00	0.8	0.8	20.84	141.33	3.18	5.53	180.1	0.00	Clear
11:37 AM	10.32	160.00	0.8	1.6	20.99	140.88	3.12	5.53	190.1	0.00	Clear
11:42 AM	10.32	160.00	0.8	2.4	20.89	141.06	3.15	5.52	190.7	0.98	Clear
11:47 AM	10.32	160.00	0.8	3.2	20.76	140.62	3.09	5.51	192.5	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-38	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-39	SAMPLE ID: W-39-2024-Q2	DATE: 4/10/2024 1:00:00 PM
TOTAL WELL DEPTH (feet) (A): 25.24	WATER TABLE DEPTH (feet) (B): 15.59	LENGTH OF WATER COLUMN (feet) (A-B): 9.65
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 13.00 - 23.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.57

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/10/2024 12:38:00 PM	PURGING END TIME: 4/10/2024 12:58:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:38 PM	15.59	100.00	0.0	0.0	21.30	614.45	2.38	5.63	226.2	0.00	Clear
12:43 PM	15.61	100.00	0.5	0.5	21.13	625.55	2.03	5.61	229.7	0.00	Clear
12:48 PM	15.62	100.00	0.5	1.0	20.95	630.40	2.01	5.61	230.3	0.00	Clear
12:53 PM	15.62	100.00	0.5	1.5	20.73	632.12	1.98	5.62	230.6	0.00	Clear
12:58 PM	15.62	100.00	0.5	2.0	20.89	637.98	1.96	5.62	231.5	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-39	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-40	SAMPLE ID: W-40-2024-Q2	DATE: 4/9/2024 10:58:00 AM
TOTAL WELL DEPTH (feet) (A): 17.25	WATER TABLE DEPTH (feet) (B): 11.16	LENGTH OF WATER COLUMN (feet) (A-B): 6.09
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 4.50 - 14.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.99

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/9/2024 9:54:00 AM	PURGING END TIME: 4/9/2024 10:56:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:56 AM	11.35	120.00	0.0	0.0	17.35	51.31	6.35	6.14	68.0	205.50	Orange tinge
10:01 AM	11.41	120.00	0.6	0.6	17.15	53.76	3.13	6.29	85.4	226.29	Orange tinge
10:06 AM	11.38	100.00	0.5	1.1	17.10	54.16	3.06	6.29	97.1	204.62	Orange tinge
10:11 AM	11.34	100.00	0.5	1.6	17.08	54.35	3.01	6.30	103.6	211.77	Orange tinge
10:16 AM	11.31	80.00	0.4	2.0	17.07	54.64	2.84	6.30	109.7	204.85	Clearing
10:21 AM	11.31	80.00	0.4	2.4	17.03	58.44	2.56	6.28	114.7	168.04	Clearing
10:26 AM	11.31	80.00	0.4	2.8	17.02	63.02	2.45	6.27	118.4	105.79	Clearing
10:31 AM	11.31	80.00	0.4	3.2	16.97	62.21	2.10	6.28	120.6	109.79	Clear
10:36 AM	11.31	80.00	0.4	3.6	16.95	63.99	2.05	6.27	123.1	89.01	Clear
10:41 AM	11.31	80.00	0.4	4.0	16.97	62.95	2.07	6.27	124.6	82.55	Clear
10:46 AM	11.31	80.00	0.4	4.4	16.95	66.17	1.98	6.27	126.4	64.19	Clear
10:51 AM	11.31	80.00	0.4	4.8	16.93	67.06	1.94	6.26	127.8	55.30	Clear
10:56 AM	11.31	80.00	0.4	5.2	16.91	67.65	1.90	6.27	129.1	60.95	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-40	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-41R	SAMPLE ID: W-41R-2024-Q2	DATE: 4/11/2024 1:53:00 PM
TOTAL WELL DEPTH (feet) (A): 27.11	WATER TABLE DEPTH (feet) (B): 15.47	LENGTH OF WATER COLUMN (feet) (A-B): 11.64
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 14.50 - 24.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.90

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/11/2024 1:29:00 PM	PURGING END TIME: 4/11/2024 1:51:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:31 PM	15.53	140.00	0.0	0.0	19.88	241.52	7.47	5.74	243.2	0.00	Clear
1:36 PM	15.57	140.00	0.7	0.7	18.08	329.35	5.02	5.64	252.2	0.00	Clear
1:41 PM	15.57	140.00	0.7	1.4	17.90	329.96	4.89	5.64	252.7	0.00	Clear
1:46 PM	15.57	140.00	0.7	2.1	17.82	328.58	4.86	5.65	254.4	1.72	Clear
1:51 PM	15.57	140.00	0.7	2.8	17.84	329.84	4.79	5.64	255.7	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-41R	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-42	SAMPLE ID: W-42-2024-Q2	DATE: 4/15/2024 12:18:00 PM
TOTAL WELL DEPTH (feet) (A): 33.00	WATER TABLE DEPTH (feet) (B): 24.87	LENGTH OF WATER COLUMN (feet) (A-B): 8.13
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 20.00 - 30.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.33

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/15/2024 11:55:00 AM	PURGING END TIME: 4/15/2024 12:15:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:55 AM	24.87	100.00	0.0	0.0	22.97	61.47	2.69	5.37	161.6	1.72	Clear
12:00 PM	25.00	100.00	0.5	0.5	21.14	57.26	2.14	5.14	187.7	0.00	Clear
12:05 PM	25.04	100.00	0.5	1.0	20.75	56.56	1.87	5.15	189.9	0.00	Clear
12:10 PM	25.06	100.00	0.5	1.5	20.91	56.72	1.88	5.19	186.1	0.00	Clear
12:15 PM	25.07	100.00	0.5	2.0	20.78	57.88	1.78	5.22	183.0	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-42	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-43	SAMPLE ID: W-43-2024-Q2	DATE: 4/10/2024 11:45:00 AM
TOTAL WELL DEPTH (feet) (A): 24.25	WATER TABLE DEPTH (feet) (B): 14.34	LENGTH OF WATER COLUMN (feet) (A-B): 9.91
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 21.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.62

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/10/2024 11:17:00 AM	PURGING END TIME: 4/10/2024 11:42:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:17 AM	14.34	100.00	0.0	0.0	20.88	98.77	4.91	5.49	149.2	0.00	Clear
11:22 AM	14.36	100.00	0.5	0.5	19.35	98.37	4.74	5.43	189.4	0.00	Clear
11:27 AM	14.37	100.00	0.5	1.0	19.29	98.49	4.46	5.43	195.3	0.00	Clear
11:32 AM	14.36	100.00	0.5	1.5	19.09	98.74	4.54	5.45	203.0	0.00	Clear
11:37 AM	14.36	100.00	0.5	2.0	19.09	98.63	4.53	5.46	208.4	0.00	Clear
11:42 AM	14.36	100.00	0.5	2.5	19.30	98.62	4.59	5.49	211.1	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-43	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-44	SAMPLE ID: W-44-2024-Q2	DATE: 4/11/2024 12:50:00 PM
TOTAL WELL DEPTH (feet) (A): 30.02	WATER TABLE DEPTH (feet) (B): 17.94	LENGTH OF WATER COLUMN (feet) (A-B): 12.08
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 17.00 - 27.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.97

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.02	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/11/2024 12:26:00 PM	PURGING END TIME: 4/11/2024 12:48:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:28 PM	18.04			0.0	18.71	67.30	7.04	5.61	236.3	5.54	Clear
12:33 PM	18.04	180.00	0.9	0.9	17.09	72.65	3.92	5.31	252.9	0.02	Clear
12:38 PM	18.04	180.00	0.9	1.8	17.21	72.75	3.82	5.32	258.6	0.00	Clear
12:43 PM	18.04	180.00	0.9	2.7	17.10	72.81	3.73	5.32	262.7	0.00	Clear
12:48 PM	18.04	180.00	0.9	3.6	17.18	72.64	3.74	5.30	266.0	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-44	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-45	SAMPLE ID: W-45-2024-Q2	DATE: 4/8/2024 12:21:00 PM
TOTAL WELL DEPTH (feet) (A): NM	WATER TABLE DEPTH (feet) (B): 11.99	LENGTH OF WATER COLUMN (feet) (A-B):
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons):

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15.74	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/8/2024 11:33:00 AM	PURGING END TIME: 4/8/2024 12:19:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:34 AM	12.10	100.00	0.0	0.0	21.54	87.79	5.81	6.44	162.1	100.49	Clear
11:39 AM	12.15	100.00	0.5	0.5	19.63	74.60	4.16	6.08	161.6	35.08	Clear
11:44 AM	12.18	100.00	0.5	1.0	19.47	74.77	4.08	6.08	166.0	26.73	Clear
11:49 AM	12.20	100.00	0.5	1.5	19.51	73.52	3.99	6.03	165.3	22.36	Clear
11:54 AM	12.22	100.00	0.5	2.0	19.39	71.31	3.53	5.97	163.1	18.17	Clear
11:59 AM	12.22	100.00	0.5	2.5	19.52	70.34	2.96	5.95	156.5	18.17	Clear
12:04 PM	12.23	100.00	0.5	3.0	19.47	68.96	2.72	5.92	150.8	18.50	Clear
12:09 PM	12.24	100.00	0.5	3.5	19.53	67.46	2.45	5.89	147.9	13.18	Clear
12:14 PM	12.24	100.00	0.5	4.0	19.71	68.59	2.48	5.91	144.3	16.29	Clear
12:19 PM	12.24	100.00	0.5	4.5	19.74	68.13	2.39	5.90	141.4	15.26	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-45	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-46	SAMPLE ID: W-46-2024-Q2	DATE: 4/12/2024 2:30:00 PM
TOTAL WELL DEPTH (feet) (A): 28.15	WATER TABLE DEPTH (feet) (B): 13.68	LENGTH OF WATER COLUMN (feet) (A-B): 14.47
CASING DIAMETER / MATL: 4 in, PVC	WELL SCREEN INTERVAL DEPTH: 16.00 - 26.00 ft	CALCULATED SYSTEM VOLUME (gallons): 9.45

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/12/2024 1:41:00 PM	PURGING END TIME: 4/12/2024 2:26:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:41 PM	13.41	100.00	0.5	0.5	17.99	200.67	3.32	5.96	137.4	0.00	Clear
1:46 PM	13.97	100.00	0.5	1.0	17.93	200.87	2.82	5.89	174.0	0.00	Clear
1:51 PM	14.05	100.00	0.5	1.5	17.83	200.56	2.63	5.92	184.0	0.00	Clear
1:56 PM	14.19	100.00	0.5	2.0	17.84	200.69	2.51	5.93	189.5	0.00	Clear
2:01 PM	14.26	100.00	0.5	2.5	17.93	200.73	2.48	5.92	200.5	0.00	Clear
2:06 PM	14.33	100.00	0.5	3.0	17.94	200.58	2.58	5.90	206.4	0.00	Clear
2:11 PM	14.39	100.00	0.5	3.5	17.96	200.87	2.58	5.90	212.3	0.00	Clear
2:16 PM	14.45	100.00	0.5	4.0	17.84	200.72	2.55	5.90	216.5	0.00	Clear
2:21 PM	14.52	100.00	0.5	4.5	17.95	200.82	2.50	5.89	222.6	0.00	Clear
2:26 PM	14.58	100.00	0.5	5.0	17.90	200.77	2.41	5.89	222.9	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-46	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-47	SAMPLE ID: W-47-2024-Q2	DATE: 4/15/2024 10:04:00 AM
TOTAL WELL DEPTH (feet) (A): 46.79	WATER TABLE DEPTH (feet) (B): 25.71	LENGTH OF WATER COLUMN (feet) (A-B): 21.08
CASING DIAMETER / MATL: 4 in, PVC	WELL SCREEN INTERVAL DEPTH: 34.50 - 44.50 ft	CALCULATED SYSTEM VOLUME (gallons): 13.76

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 41.79	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/15/2024 9:34:00 AM	PURGING END TIME: 4/15/2024 10:02:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:37 AM	25.75		0.0	0.0	18.79	466.66	6.14	6.63	246.1	18.93	Clear
9:42 AM	25.76	120.00	0.6	0.6	18.98	490.64	0.89	6.13	203.0	0.00	Clear
9:47 AM	25.76	120.00	0.6	1.2	19.02	490.93	0.55	6.13	202.0	0.00	Clear
9:52 AM	25.76	120.00	0.6	1.8	19.07	489.25	0.40	6.13	202.0	2.25	Clear
9:57 AM	25.76	120.00	0.6	2.4	19.13	489.42	0.34	6.12	202.9	12.16	Clear
10:02 AM	25.76	120.00	0.6	3.0	19.11	489.25	0.31	6.13	203.7	1.25	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-47	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-48	SAMPLE ID: W-48-2024-Q2	DATE: 4/15/2024 3:08:00 PM
TOTAL WELL DEPTH (feet) (A): 44.10	WATER TABLE DEPTH (feet) (B): 25.82	LENGTH OF WATER COLUMN (feet) (A-B): 18.28
CASING DIAMETER / MATL: 4 in, PVC	WELL SCREEN INTERVAL DEPTH: 31.50 - 41.50 ft	CALCULATED SYSTEM VOLUME (gallons): 11.93

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/15/2024 2:35:00 PM	PURGING END TIME: 4/15/2024 3:05:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:35 PM	25.82	100.00	0.0	0.0	21.48	128.13	2.32	5.56	195.2	0.00	Clear
2:40 PM	25.97	100.00	0.5	0.5	20.98	128.72	1.96	5.50	198.7	0.00	Clear
2:45 PM	25.96	100.00	0.5	1.0	21.09	128.41	1.96	5.52	196.8	0.00	Clear
2:50 PM	25.96	100.00	0.5	1.5	21.35	128.32	1.95	5.54	195.8	0.00	Clear
2:55 PM	25.96	100.00	0.5	2.0	21.14	128.64	1.73	5.56	194.6	0.00	Clear
3:00 PM	25.96	100.00	0.5	2.5	21.11	128.14	1.82	5.58	193.3	0.00	Clear
3:05 PM	25.96	100.00	0.5	3.0	21.25	128.69	1.76	5.60	192.0	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-48	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-49	SAMPLE ID: W-49-2024-Q2	DATE: 4/15/2024 1:28:00 PM
TOTAL WELL DEPTH (feet) (A): 118.55	WATER TABLE DEPTH (feet) (B): 27.41	LENGTH OF WATER COLUMN (feet) (A-B): 91.14
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 108.00 - 118.00 ft	CALCULATED SYSTEM VOLUME (gallons): 14.87

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 113	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/15/2024 1:05:00 PM	PURGING END TIME: 4/15/2024 1:25:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:05 PM	27.41	100.00	0.0	0.0	22.08	35.72	2.42	5.64	179.0	0.00	Clear
1:10 PM	27.41	100.00	0.5	0.5	21.55	35.45	1.38	5.67	178.8	0.00	Clear
1:15 PM	27.41	100.00	0.5	1.0	22.35	35.68	1.28	5.68	178.4	0.40	Clear
1:20 PM	27.41	100.00	0.5	1.5	22.16	35.43	1.25	5.73	175.0	0.00	Clear
1:25 PM	27.41	100.00	0.5	2.0	22.21	35.42	1.22	5.73	175.0	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-49	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
2	1 L	Amber Glass	None	Select SVOCs	GEL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-50	SAMPLE ID: W-50-2024-Q2	DATE: 4/9/2024 9:27:00 AM
TOTAL WELL DEPTH (feet) (A): 128.67	WATER TABLE DEPTH (feet) (B): 21.68	LENGTH OF WATER COLUMN (feet) (A-B): 106.99
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 115.00 - 125.00 ft	CALCULATED SYSTEM VOLUME (gallons): 17.46

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 123.67	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/9/2024 8:42:00 AM	PURGING END TIME: 4/9/2024 9:25:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:45 AM	21.68	120.00	0.0	0.0	16.49	24.92	8.29	7.07	213.5	0.00	Clear
8:50 AM	21.68	120.00	0.6	0.6	18.11	24.55	3.95	6.10	61.7	0.00	Clear
8:55 AM	21.68	120.00	0.6	1.2	18.43	23.90	1.69	6.05	29.7	0.00	Clear
9:00 AM	21.68	120.00	0.6	1.8	18.71	23.63	1.30	6.03	11.9	0.00	Clear
9:05 AM	21.68	120.00	0.6	2.4	18.74	23.76	0.85	6.03	0.5	0.00	Clear
9:10 AM	21.68	120.00	0.6	3.0	18.78	23.42	0.54	6.02	-5.9	0.00	Clear
9:15 AM	21.68	120.00	0.6	3.6	18.98	23.37	0.44	6.02	-13.8	1.76	Clear
9:20 AM	21.68	120.00	0.6	4.2	19.07	23.39	0.40	6.02	-16.5	0.00	Cle
9:25 AM	21.68	120.00	0.6	4.8	19.17	23.39	0.43	6.02	-17.4	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-50	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-51	SAMPLE ID: W-51-2024-Q2	DATE: 4/5/2024 1:39:00 PM
TOTAL WELL DEPTH (feet) (A): 14.52	WATER TABLE DEPTH (feet) (B): 8.38	LENGTH OF WATER COLUMN (feet) (A-B): 6.14
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 9.50 - 14.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.00

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.02	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/5/2024 1:10:00 PM	PURGING END TIME: 4/5/2024 1:37:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:12 PM	8.40		0.0	0.0	23.00	172.43	4.43	6.84	-58.1	16.78	Clear
1:17 PM	8.40	160.00	0.8	0.8	19.40	187.23	0.34	7.08	-138.4	9.62	Clear
1:22 PM	8.40	160.00	0.8	1.6	19.32	187.37	0.31	7.12	-134.9	3.03	Clear
1:27 PM	8.40	160.00	0.8	2.4	19.50	186.47	0.19	7.14	-156.8	1.00	Clear
1:32 PM	8.40	160.00	0.8	3.2	19.43	186.77	0.18	7.14	-159.0	1.66	Clear
1:37 PM	8.40	160.00	0.8	4.0	19.39	186.12	0.13	7.14	-164.9	1.04	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-51	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-52	SAMPLE ID: W-52-2024-Q2	DATE: 4/2/2024 1:55:00 PM
TOTAL WELL DEPTH (feet) (A): 15.10	WATER TABLE DEPTH (feet) (B): 8.20	LENGTH OF WATER COLUMN (feet) (A-B): 6.90
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.13

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/2/2024 1:21:00 PM	PURGING END TIME: 4/2/2024 1:53:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:23 PM	8.22	140.00	0.0	0.0	30.91	0.05	5.43	6.39	77.9	38.92	Clear
1:28 PM	8.22	140.00	0.7	0.7	21.29	145.52	4.03	6.30	102.6	12.97	Clear
1:33 PM	8.22	140.00	0.7	1.4	21.26	139.31	3.43	6.28	112.4	7.51	Clear
1:38 PM	8.22	140.00	0.7	2.1	21.23	136.53	3.16	6.27	117.2	3.54	Clear
1:43 PM	8.22	140.00	0.7	2.8	21.32	131.74	2.82	6.27	116.3	2.94	Clear
1:48 PM	8.22	140.00	0.7	3.5	21.34	132.12	2.66	6.26	117.0	0.69	Clear
1:53 PM	8.22	140.00	0.7	4.2	21.34	131.61	2.55	6.27	115.8	0.25	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-52	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-53	SAMPLE ID: W-53-2024-Q2	DATE: 4/2/2024 1:00:00 PM
TOTAL WELL DEPTH (feet) (A): 15.46	WATER TABLE DEPTH (feet) (B): 8.60	LENGTH OF WATER COLUMN (feet) (A-B): 6.86
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 16.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.12

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.96	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/2/2024 11:56:00 AM	PURGING END TIME: 4/2/2024 12:58:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:58 AM	8.75			0.0	27.69	0.052	6.03	6.38	124.1	170.36	Clear
12:03 PM	8.75	180.00	0.9	0.9	19.68	103.27	0.59	5.97	100.3	74.65	Brownish
12:08 PM	8.75	160.00	0.8	1.7	19.64	104.77	0.32	5.99	83.7	47.70	Brownish
12:13 PM	8.75	160.00	0.8	2.5	19.66	107.93	0.23	6.01	74.3	39.37	Clearing
12:18 PM	8.75	160.00	0.8	3.3	19.63	111.07	0.18	6.04	62.5	28.12	Clearing
12:23 PM	8.75	160.00	0.8	4.1	19.80	116.16	0.16	6.08	43.0	24.97	Clear
12:28 PM	8.75	160.00	0.8	4.9	19.92	123.72	0.13	6.12	17.1	13.78	Clear
12:33 PM	8.75	160.00	0.8	5.7	20.10	126.15	0.12	6.14	-3.3	18.63	Clear
12:38 PM	8.75	160.00	0.8	6.5	20.03	127.00	0.13	6.15	-20.1	16.13	Clear
12:43 PM	8.75	160.00	0.8	7.3	20.06	131.55	0.14	6.18	-35.7	6.68	Clear
12:48 PM	8.75	160.00	0.8	8.1	20.18	134.23	0.12	6.20	-45.5	4.88	Clear
12:53 PM	8.75	160.00	0.8	8.9	20.11	135.14	0.11	6.21	-52.8	4.88	Clear
12:58 PM	8.75	160.00	0.8	9.7	20.20	144.80	0.11	6.26	-63.1	2.55	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-53	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-54	SAMPLE ID: W-54-2024-Q2	DATE: 4/5/2024 10:40:00 AM
TOTAL WELL DEPTH (feet) (A): 15.62	WATER TABLE DEPTH (feet) (B): 8.77	LENGTH OF WATER COLUMN (feet) (A-B): 6.85
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 16.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.12

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/5/2024 10:11:00 AM	PURGING END TIME: 4/5/2024 10:38:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:13 AM	8.77	160.00	0.0	0.0	14.10	0.00	9.62	5.92	175.7	20.13	Clear
10:18 AM	8.77	160.00	0.8	0.8	18.95	106.29	2.77	5.89	162.2	2.95	Clear
10:23 AM	8.77	160.00	0.8	1.6	18.98	107.87	2.66	5.92	141.4	0.00	Clear
10:28 AM	8.77	160.00	0.8	2.4	19.03	113.61	2.51	5.99	130.7	0.00	Clear
10:33 AM	8.77	160.00	0.8	3.2	18.98	112.16	2.47	5.98	127.3	0.00	Clear
10:38 AM	8.77	160.00	0.8	4.0	18.94	112.65	2.37	6.00	126.4	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-54	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-55	SAMPLE ID: W-55-2024-Q2	DATE: 4/9/2024 12:13:00 PM
TOTAL WELL DEPTH (feet) (A): 14.91	WATER TABLE DEPTH (feet) (B): 9.00	LENGTH OF WATER COLUMN (feet) (A-B): 5.91
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.96

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/9/2024 11:50:00 AM	PURGING END TIME: 4/9/2024 12:10:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:50 AM	9.00	100.00	0.0	0.0	19.26	122.26	5.51	6.08	180.8	2.39	Clear
11:55 AM	9.01	100.00	0.5	0.5	19.32	121.84	5.57	6.03	194.9	0.00	Clear
12:00 PM	9.01	100.00	0.5	1.0	19.27	121.87	5.43	6.04	200.5	0.30	Clear
12:05 PM	9.01	100.00	0.5	1.5	19.28	121.82	5.43	6.04	202.3	0.33	Clear
12:10 PM	9.01	100.00	0.5	2.0	19.26	121.74	5.50	6.04	203.9	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-55	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride	GEL
1	250 ml	Poly	None	Nitrate	GEL
3	40 ml	VOA vial	HCL	Select VOCs	GEL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-56	SAMPLE ID: W-56-2024-Q2	DATE: 4/9/2024 11:18:00 AM
TOTAL WELL DEPTH (feet) (A): 14.90	WATER TABLE DEPTH (feet) (B): 9.10	LENGTH OF WATER COLUMN (feet) (A-B): 5.80
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.95

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/9/2024 10:55:00 AM	PURGING END TIME: 4/9/2024 11:15:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:55 AM	9.10	100.00	0.0	0.0	19.17	133.35	4.06	5.99	183.6	0.00	Clear
11:00 AM	9.16	100.00	0.5	0.5	19.38	132.65	3.11	5.97	195.0	0.64	Clear
11:05 AM	9.16	100.00	0.5	1.0	19.44	132.01	3.17	5.97	197.1	3.18	Clear
11:10 AM	9.16	100.00	0.5	1.5	19.46	131.00	3.15	5.97	198.1	0.99	Clear
11:15 AM	9.16	100.00	0.5	2.0	19.43	130.31	3.12	5.97	198.9	1.95	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-56	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride	GEL
1	250 ml	Poly	None	Nitrate	GEL
3	40 ml	VOA vial	HCL	Select VOCs	GEL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-57	SAMPLE ID: W-57-2024-Q2	DATE: 4/4/2024 10:34:00 AM
TOTAL WELL DEPTH (feet) (A): 14.99	WATER TABLE DEPTH (feet) (B): 9.56	LENGTH OF WATER COLUMN (feet) (A-B): 5.43
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.89

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.49	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/4/2024 10:10:00 AM	PURGING END TIME: 4/4/2024 10:32:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:12 AM	9.62		0.0	0.0	16.86	133.41	5.94	6.02	153.2	2.58	Clear
10:17 AM	9.62	160.00	0.8	0.8	18.78	123.14	1.71	5.98	163.0	0.00	Clear
10:22 AM	9.62	160.00	0.8	1.6	18.85	119.34	1.38	5.98	166.8	0.00	Clear
10:27 AM	9.62	160.00	0.8	2.4	18.98	117.31	1.26	5.98	169.2	0.00	Clear
10:32 AM	9.62	160.00	0.8	3.2	19.06	116.31	1.16	5.98	170.4	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-57	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-58	SAMPLE ID: W-58-2024-Q2	DATE: 4/4/2024 9:14:00 AM
TOTAL WELL DEPTH (feet) (A): 15.06	WATER TABLE DEPTH (feet) (B): 10.49	LENGTH OF WATER COLUMN (feet) (A-B): 4.57
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.75

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.56	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/4/2024 8:35:00 AM	PURGING END TIME: 4/4/2024 9:13:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:38 AM	10.52		0.0	0.0	11.13	0.07	9.87	6.65	147.5	0.00	Clear
8:43 AM	10.52	120.00	0.6	0.6	18.54	200.15	0.62	6.59	149.9	0.00	Clear
8:48 AM	10.52	120.00	0.6	1.2	18.47	197.56	1.40	6.58	150.6	0.00	Clear
8:53 AM	10.52	120.00	0.6	1.8	18.78	194.12	0.50	6.54	149.1	0.00	Clear
8:58 AM	10.52	120.00	0.6	2.4	18.92	193.68	0.62	6.53	150.0	0.00	Clear
9:03 AM	10.52	120.00	0.6	3.0	19.04	194.66	0.36	6.53	149.3	0.00	Clear
9:08 AM	10.52	120.00	0.6	3.6	19.02	196.44	0.27	6.54	148.6	0.00	Clear
9:13 AM	10.52	120.00	0.6	4.2	18.89	197.68	0.22	6.53	148.6	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-58	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-59	SAMPLE ID: W-59-2024-Q2	DATE: 4/9/2024 10:25:00 AM
TOTAL WELL DEPTH (feet) (A): 14.90	WATER TABLE DEPTH (feet) (B): 10.73	LENGTH OF WATER COLUMN (feet) (A-B): 4.17
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 9.50 - 14.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.68

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/9/2024 9:57:00 AM	PURGING END TIME: 4/9/2024 10:22:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:57 AM	10.73	100.00	0.0	0.0	18.45	479.70	2.48	6.20	117.6	0.00	Clear
10:02 AM	10.91	100.00	0.5	0.5	18.84	458.60	0.47	6.06	144.8	0.00	Clear
10:07 AM	10.96	100.00	0.5	1.0	18.98	454.59	0.38	6.05	170.6	0.00	Clear
10:12 AM	11.01	100.00	0.5	1.5	19.06	450.23	0.24	6.05	185.2	0.00	Clear
10:17 AM	11.03	100.00	0.5	2.0	19.09	450.03	0.24	6.06	187.1	0.00	Clear
10:22 AM	10.22	100.00	0.5	2.5	19.08	448.06	0.32	6.06	186.3	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-59	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride	GEL
1	250 ml	Poly	None	Nitrate	GEL
3	40 ml	VOA vial	HCL	Select VOCs	GEL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-60	SAMPLE ID: W-60-2024-Q2	DATE: 4/12/2024 11:52:00 AM
TOTAL WELL DEPTH (feet) (A): 40.78	WATER TABLE DEPTH (feet) (B): 21.81	LENGTH OF WATER COLUMN (feet) (A-B): 18.97
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 33.00 - 38.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.10

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38.28	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/12/2024 11:01:00 AM	PURGING END TIME: 4/12/2024 11:49:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:04 AM	21.82			0.0	18.26	88.18	4.90	5.99	131.0	52.08	Clear
11:09 AM	21.82	140.00	0.7	0.7	17.94	88.28	0.68	5.85	112.3	82.59	Clear
11:14 AM	21.82	140.00	0.7	1.4	17.89	88.72	0.44	5.85	103.0	58.70	Clear
11:19 AM	21.82	120.00	0.6	2.0	18.06	88.43	0.42	5.86	97.8	45.42	Clear
11:24 AM	21.82	120.00	0.6	2.6	18.05	88.37	0.53	5.86	96.6	38.72	Clear
11:29 AM	21.82	120.00	0.6	3.2	17.92	88.53	0.38	5.86	92.3	43.13	Clear
11:34 AM	21.82	120.00	0.6	3.8	18.07	88.84	0.30	5.87	87.4	33.99	Clear
11:39 AM	21.82	120.00	0.6	4.4	18.00	88.54	0.33	5.86	87.4	27.78	Clear
11:44 AM	21.82	120.00	0.6	5.0	18.04	88.75	0.35	5.86	83.1	27.51	Clear
11:49 AM	21.82	120.00	0.6	5.6	18.00	88.82	0.36	5.87	78.0	26.16	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-60	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-61	SAMPLE ID: W-61-2024-Q2	DATE: 4/10/2024 1:49:00 PM
TOTAL WELL DEPTH (feet) (A): 26.75	WATER TABLE DEPTH (feet) (B): 17.90	LENGTH OF WATER COLUMN (feet) (A-B): 8.85
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 13.50 - 23.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.44

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.75	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/10/2024 12:50:00 PM	PURGING END TIME: 4/10/2024 1:47:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:52 PM	18.11	140.00	0.0	0.0	20.94	85.72	6.18	5.80	243.5	429.72	Clear
12:57 PM	18.41	140.00	0.7	0.7	17.57	80.28	4.57	5.34	239.0	17.10	Clear
1:02 PM	18.63	140.00	0.7	1.4	17.60	81.96	4.70	5.34	242.9	21.32	Clear
1:07 PM	18.84	140.00	0.7	2.1	17.66	84.24	4.87	5.36	245.1	31.64	Clear
1:12 PM	19.07	140.00	0.7	2.8	17.66	88.26	5.06	5.37	248.2	30.67	Clear
1:17 PM	19.20	140.00	0.7	3.5	17.62	88.35	5.09	5.37	249.9	23.12	Clear
1:22 PM	19.37	140.00	0.7	4.2	17.69	90.37	5.07	5.38	252.1	24.31	Clear
1:27 PM	19.53	140.00	0.7	4.9	17.70	90.19	4.99	5.38	254.5	47.66	Clear
1:32 PM	19.70	140.00	0.7	5.6	17.78	91.52	4.75	5.37	259.5	41.90	Clear
1:37 PM	19.80	140.00	0.7	6.3	17.80	94.19	4.75	5.36	263.9	47.63	Clear
1:42 PM	18.89	140.00	0.7	7.0	17.76	94.45	4.69	5.36	265.2	47.70	Clear
1:47 PM	19.99	140.00	0.7	7.7	17.63	94.41	4.53	5.36	266.2	46.09	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-61	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-62	SAMPLE ID: W-62-2024-Q2	DATE: 4/11/2024 11:42:00 AM
TOTAL WELL DEPTH (feet) (A): 27.59	WATER TABLE DEPTH (feet) (B): 12.97	LENGTH OF WATER COLUMN (feet) (A-B): 14.62
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 20.00 - 25.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.39

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.09	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/11/2024 11:19:00 AM	PURGING END TIME: 4/11/2024 11:40:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:20 AM	13.04		0.0	0.0	18.50	73.72	5.88	5.81	222.2	35.05	Clear
11:25 AM	13.04	140.00	0.7	0.7	18.05	72.97	3.36	5.59	229.2	5.79	Clear
11:30 AM	13.04	140.00	0.7	1.4	18.08	73.10	3.30	5.60	233.5	19.58	Clear
11:35 AM	13.04	140.00	0.7	2.1	18.00	73.04	3.30	5.60	236.9	5.63	Clear
11:40 AM	13.04	140.00	0.7	2.8	18.06	73.09	3.11	5.61	239.1	7.97	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-62	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-63	SAMPLE ID: W-63-2024-Q2	DATE: 4/15/2024 10:43:00 AM
TOTAL WELL DEPTH (feet) (A): 44.13	WATER TABLE DEPTH (feet) (B): 26.18	LENGTH OF WATER COLUMN (feet) (A-B): 17.95
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 37.00 - 42.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.93

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 39.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/15/2024 9:40:00 AM	PURGING END TIME: 4/15/2024 10:40:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:40 AM	26.18	100.00	0.5	0.5	19.11	341.49	3.55	6.72	61.8	27.52	Clear
9:45 AM	26.84	100.00	0.5	1.0	19.42	369.36	2.07	6.71	116.9	5.88	Clear
9:50 AM	26.90	100.00	0.5	1.5	19.52	368.93	2.80	6.71	123.7	10.04	Clear
9:55 AM	26.96	100.00	0.5	2.0	19.53	368.58	3.07	6.70	131.0	9.94	Clear
10:00 AM	27.01	100.00	0.5	2.5	19.77	364.78	1.57	6.71	66.5	37.87	Clear
10:05 AM	26.98	100.00	0.5	3.0	20.03	364.36	1.11	6.69	97.3	33.60	Clear
10:10 AM	26.95	100.00	0.5	3.5	19.96	360.28	1.00	6.69	103.6	37.55	Clear
10:15 AM	26.95	100.00	0.5	4.0	20.10	357.131 0000	1.15	6.67	99.0	40.59	Clear
10:20 AM	26.95	100.00	0.5	4.5	20.08	353.52	1.14	6.68	97.6	49.43	Clear
10:25 AM	26.95	100.00	0.5	5.0	20.22	350.60	1.19	6.68	98.5	58.79	Clear
10:30 AM	26.95	100.00	0.5	5.5	20.26	346.47	1.18	6.68	97.8	64.03	Clear
10:35 AM	26.95	100.00	0.5	6.0	20.30	343.34	1.24	6.67	98.6	71.22	Clear
10:40 AM	26.95	100.00	0.5	6.5	20.40	336.16	1.09	6.66	101.3	80.16	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-63	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-64	SAMPLE ID: W-64-2024-Q2	DATE: 4/15/2024 11:05:00 AM
TOTAL WELL DEPTH (feet) (A): 34.20	WATER TABLE DEPTH (feet) (B): 25.92	LENGTH OF WATER COLUMN (feet) (A-B): 8.28
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 21.50 - 31.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.35

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.2	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/15/2024 10:40:00 AM	PURGING END TIME: 4/15/2024 11:03:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:43 AM	26.06			0.0	20.56	439.41	3.58	6.35	193.6	234.84	Clear
10:48 AM	26.06	120.00	0.6	0.6	19.41	493.11	0.44	6.02	202.7	0.00	Clear
10:53 AM	26.07	120.00	0.6	1.2	19.32	494.28	0.30	6.03	206.2	5.25	Clear
10:58 AM	26.07	120.00	0.6	1.8	19.27	497.82	0.21	6.04	208.6	0.18	Clear
11:03 AM	26.07	120.00	0.6	2.4	19.32	500.61	0.23	6.05	210.4	1.81	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-64	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE: W-64-2024-Q2-DUP
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-65	SAMPLE ID: W-65-2024-Q2	DATE: 4/10/2024 2:33:00 PM
TOTAL WELL DEPTH (feet) (A): 34.46	WATER TABLE DEPTH (feet) (B): 13.28	LENGTH OF WATER COLUMN (feet) (A-B): 21.18
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 26.50 - 31.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.46

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/10/2024 2:05:00 PM	PURGING END TIME: 4/10/2024 2:30:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:05 PM	13.28	100.00	0.0	0.0	20.22	113.52	1.81	6.19	75.9	0.00	Clear
2:10 PM	13.51	100.00	0.5	0.5	19.74	111.87	1.70	6.08	146.6	0.00	Clear
2:15 PM	13.54	100.00	0.5	1.0	19.57	111.97	1.40	6.13	172.2	0.00	Clear
2:20 PM	13.54	100.00	0.5	1.5	19.71	111.79	1.36	6.14	178.9	0.00	Clear
2:25 PM	13.54	100.00	0.5	2.0	19.63	111.91	1.35	6.16	183.0	0.00	Clear
2:30 PM	13.54	100.00	0.5	2.5	19.52	111.72	1.31	6.17	187.8	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-65	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-66	SAMPLE ID: W-66-2024-Q2	DATE: 4/10/2024 3:17:00 PM
TOTAL WELL DEPTH (feet) (A): 25.24	WATER TABLE DEPTH (feet) (B): 12.86	LENGTH OF WATER COLUMN (feet) (A-B): 12.38
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 12.50 - 22.50 ft	CALCULATED SYSTEM VOLUME (gallons): 2.02

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/10/2024 2:54:00 PM	PURGING END TIME: 4/10/2024 3:14:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:54 PM	12.86	100.00	0.0	0.0	20.94	79.44	3.27	5.48	222.0	0.00	Clear
2:59 PM	12.86	100.00	0.5	0.5	19.32	79.74	1.98	5.58	225.0	0.00	Clear
3:04 PM	12.86	100.00	0.5	1.0	19.20	80.12	1.97	5.57	227.0	0.00	Clear
3:09 PM	12.86	100.00	0.5	1.5	18.98	81.22	1.92	5.59	229.8	0.00	Clear
3:14 PM	12.86	100.00	0.5	2.0	18.88	81.30	1.95	5.59	230.1	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-66	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-67	SAMPLE ID: W-67-2024-Q2	DATE: 4/16/2024 12:15:00 PM
TOTAL WELL DEPTH (feet) (A): 34.46	WATER TABLE DEPTH (feet) (B): 16.60	LENGTH OF WATER COLUMN (feet) (A-B): 17.86
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 22.00 - 32.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.91

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.46	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/16/2024 11:51:00 AM	PURGING END TIME: 4/16/2024 12:13:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:53 AM	16.76	140.00	0.0	0.0	19.82	153.58	4.17	5.81	200.1	35.91	Clear
11:58 AM	16.79	140.00	0.7	0.7	18.72	154.59	0.37	5.94	210.6	3.92	Clear
12:03 PM	16.82	140.00	0.7	1.4	18.53	153.73	0.20	5.93	217.5	0.00	Clear
12:08 PM	16.84	140.00	0.7	2.1	18.47	154.41	0.16	5.93	220.2	0.50	Clear
12:13 PM	16.85	140.00	0.7	2.8	18.49	155.02	0.13	5.93	222.1	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-67	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-68	SAMPLE ID: W-68-2024-Q2	DATE: 4/11/2024 3:25:00 PM
TOTAL WELL DEPTH (feet) (A): 21.25	WATER TABLE DEPTH (feet) (B): 5.64	LENGTH OF WATER COLUMN (feet) (A-B): 15.61
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 13.00 - 18.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.55

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/11/2024 2:27:00 PM	PURGING END TIME: 4/11/2024 3:23:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:53 PM	5.68	100.00	0.0	0.0	18.70	82.31	6.15	5.47	237.2	0.00	Clear
2:58 PM	5.75	100.00	0.5	0.5	18.02	83.14	4.95	5.60	230.4	0.00	Clear
3:03 PM	5.75	100.00	0.5	1.0	17.99	83.22	4.85	5.63	226.5	0.00	Clear
3:08 PM	5.75	100.00	0.5	1.5	18.05	83.22	4.91	5.60	227.9	0.00	Clear
3:13 PM	5.75	100.00	0.5	2.0	18.06	82.63	4.80	5.60	238.1	0.00	Clear
3:18 PM	5.75	100.00	0.5	2.5	17.94	82.63	4.92	5.61	236.0	0.00	Clear
3:23 PM	5.75	100.00	0.5	3.0	18.00	82.57	4.78	5.58	235.4	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-68	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-69	SAMPLE ID: W-69-2024-Q2	DATE: 4/16/2024 1:06:00 PM
TOTAL WELL DEPTH (feet) (A): 24.05	WATER TABLE DEPTH (feet) (B): 7.52	LENGTH OF WATER COLUMN (feet) (A-B): 16.53
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 8.00 - 18.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.70

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/16/2024 12:38:00 PM	PURGING END TIME: 4/16/2024 1:03:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:38 PM	7.52	80.00	0.0	0.0	20.76	61.03	2.42	5.42	182.1	33.81	Clear
12:43 PM	8.48	80.00	0.4	0.4	19.85	61.42	1.75	5.51	183.3	43.27	Clear
12:48 PM	8.97	80.00	0.4	0.8	19.85	61.70	1.56	5.51	186.2	23.21	Clear
12:53 PM	9.28	80.00	0.4	1.2	19.76	62.07	1.49	5.50	188.5	16.39	Clear
12:58 PM	9.48	80.00	0.4	1.6	19.97	62.00	1.38	5.48	188.6	19.23	Clear
1:03 PM	9.65	80.00	0.4	2.0	19.63	62.22	1.38	5.49	187.4	14.22	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-69	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-70	SAMPLE ID: W-70-2024-Q2	DATE: 4/16/2024 12:21:00 PM
TOTAL WELL DEPTH (feet) (A): 51.92	WATER TABLE DEPTH (feet) (B): 10.71	LENGTH OF WATER COLUMN (feet) (A-B): 41.21
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 44.00 - 49.00 ft	CALCULATED SYSTEM VOLUME (gallons): 6.73

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 46.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/16/2024 11:58:00 AM	PURGING END TIME: 4/16/2024 12:18:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:58 AM	10.71	100.00	0.0	0.0	21.18	52.30	6.92	5.37	136.7	15.38	Clear
12:03 PM	10.75	100.00	0.5	0.5	20.76	52.26	6.20	5.24	165.5	2.58	Clear
12:08 PM	10.74	100.00	0.5	1.0	20.74	52.26	5.91	5.35	169.0	0.00	Clear
12:13 PM	10.74	100.00	0.5	1.5	20.84	51.86	5.98	5.39	170.7	0.00	Clear
12:18 PM	10.74	100.00	0.5	2.0	20.79	51.84	5.94	5.41	176.4	0.12	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-70	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-71	SAMPLE ID: W-71-2024-Q2	DATE: 4/16/2024 11:38:00 AM
TOTAL WELL DEPTH (feet) (A): 105.68	WATER TABLE DEPTH (feet) (B): 22.60	LENGTH OF WATER COLUMN (feet) (A-B): 83.08
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 93.00 - 103.00 ft	CALCULATED SYSTEM VOLUME (gallons): 13.56

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 98	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/16/2024 10:35:00 AM	PURGING END TIME: 4/16/2024 11:35:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:35 AM	22.60	100.00	0.0	0.0	23.68	1.77	6.28	9.82	42.8	0.58	Clear
10:40 AM	22.61	100.00	0.5	0.5	21.08	99.81	1.18	6.70	-50.6	10.54	Clear
10:45 AM	22.61	100.00	0.5	1.0	21.22	97.11	0.88	6.64	-14.3	1.15	Clear
10:50 AM	22.62	100.00	0.5	1.5	21.27	94.97	0.79	6.60	-40.1	10.98	Clear
10:55 AM	22.62	100.00	0.5	2.0	21.15	96.63	0.73	6.62	-44.2	18.60	Clear
11:00 AM	22.62	100.00	0.5	2.5	21.28	97.38	0.61	6.62	-45.5	92.42	Clear
11:05 AM	22.62	100.00	0.5	3.0	21.37	96.93	1.03	6.59	-53.5	84.44	Clear
11:10 AM	22.62	100.00	0.5	3.5	21.36	94.62	1.03	6.57	-52.2	51.30	Clear
11:15 AM	22.62	100.00	0.5	4.0	21.83	92.77	1.17	6.54	-51.1	14.46	Clear
11:20 AM	22.62	100.00	0.5	4.5	21.82	92.93	1.13	6.52	-58.9	82.98	Clear
11:25 AM	22.62	100.00	0.5	5.0	22.05	92.05	1.17	6.52	-59.6	11.00	Clear
11:30 AM	22.62	100.00	0.5	5.5	22.04	91.35	1.20	6.50	-65.5	14.98	Clear
11:35 AM	22.62	100.00	0.5	6.0	22.04	90.47	1.08	6.50	-62.5	27.56	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-71	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-72	SAMPLE ID: W-72-2024-Q2	DATE: 4/5/2024 11:56:00 AM
TOTAL WELL DEPTH (feet) (A): 14.50	WATER TABLE DEPTH (feet) (B): 8.49	LENGTH OF WATER COLUMN (feet) (A-B): 6.01
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.98

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/5/2024 11:08:00 AM	PURGING END TIME: 4/5/2024 11:55:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:10 AM	8.53	160.00	0.0	0.0	21.90	178.68	4.89	6.32	148.8	21.95	Clear
11:15 AM	8.53	160.00	0.8	0.8	20.41	183.36	3.22	6.34	159.7	25.37	Clear
11:20 AM	8.53	160.00	0.8	1.6	20.51	179.99	3.39	6.34	166.0	24.63	Clear
11:25 AM	8.53	160.00	0.8	2.4	20.68	174.81	3.07	6.32	167.0	20.90	Clear
11:30 AM	8.53	160.00	0.8	3.2	20.63	173.17	2.86	6.32	167.4	12.39	Clear
11:35 AM	8.53	160.00	0.8	4.0	20.73	167.33	2.78	6.31	168.1	8.88	Clear
11:40 AM	8.53	160.00	0.8	4.8	20.79	162.23	2.76	6.29	168.9	7.42	Clear
11:46 AM	8.53	160.00	0.8	5.6	20.84	153.08	2.94	6.29	170.0	7.03	Clear
11:50 AM	8.53	160.00	0.8	6.4	20.89	152.64	2.76	6.28	170.5	5.93	Clear
11:55 AM	8.53	160.00	0.8	7.2	20.85	150.97	2.78	6.28	170.9	5.51	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-72	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-73	SAMPLE ID: W-73-2024-Q2	DATE: 4/4/2024 2:43:00 PM
TOTAL WELL DEPTH (feet) (A): 15.62	WATER TABLE DEPTH (feet) (B): 8.82	LENGTH OF WATER COLUMN (feet) (A-B): 6.80
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 6.00 - 16.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.11

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/4/2024 2:00:00 PM	PURGING END TIME: 4/4/2024 2:40:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:00 PM	8.82	100.00	0.0	0.0	20.77	146.57	0.71	6.11	123.6	12.64	Clear
2:05 PM	8.87	100.00	0.5	0.5	20.11	142.70	0.46	6.07	159.5	2.93	Clear
2:10 PM	8.87	100.00	0.5	1.0	20.01	140.06	0.55	6.09	178.6	3.35	Clear
2:15 PM	8.88	100.00	0.5	1.5	20.05	137.34	0.72	6.07	190.5	2.90	Clear
2:20 PM	8.87	100.00	0.5	2.0	20.48	134.45	0.84	6.04	197.9	1.82	Clear
2:25 PM	8.86	100.00	0.5	2.5	20.75	135.11	0.83	6.01	203.2	1.04	Clear
2:30 PM	8.86	100.00	0.5	3.0	20.20	131.50	1.05	6.00	208.2	0.15	Clear
2:35 PM	8.86	100.00	0.5	3.5	20.18	132.25	1.00	6.02	210.8	0.23	Clear
2:40 PM	8.86	100.00	0.5	4.0	19.96	131.30	0.98	6.03	213.6	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-73	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-74	SAMPLE ID: W-74-2024-Q2	DATE: 4/8/2024 9:03:00 AM
TOTAL WELL DEPTH (feet) (A): 33.80	WATER TABLE DEPTH (feet) (B): 12.81	LENGTH OF WATER COLUMN (feet) (A-B): 20.99
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.50 - 30.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.43

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/8/2024 8:30:00 AM	PURGING END TIME: 4/8/2024 9:00:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:30 AM	12.81	100.00	0.0	0.0	17.19	142.79	5.06	5.68	153.5	39.96	Clear
8:35 AM	12.98	100.00	0.5	0.5	17.87	125.36	4.60	5.67	191.4	4.48	Clear
8:40 AM	13.00	100.00	0.5	1.0	18.60	123.36	4.43	5.62	193.0	5.30	Clear
8:45 AM	13.02	100.00	0.5	1.5	19.18	129.45	3.16	5.50	152.7	0.00	Clear
8:50 AM	13.02	100.00	0.5	2.0	19.37	125.92	2.99	5.48	191.6	0.00	Clear
8:55 AM	13.02	100.00	0.5	2.5	19.47	126.31	2.86	5.49	195.3	0.00	Clear
9:00 AM	13.02	100.00	0.5	3.0	19.56	126.46	2.74	5.46	198.7	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-74	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-75	SAMPLE ID: W-75-2024-Q2	DATE: 4/5/2024 1:53:00 PM
TOTAL WELL DEPTH (feet) (A): 18.51	WATER TABLE DEPTH (feet) (B): 12.32	LENGTH OF WATER COLUMN (feet) (A-B): 6.19
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.01

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/5/2024 1:15:00 PM	PURGING END TIME: 4/5/2024 1:50:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:15 PM	12.32	100.00	0.0	0.0	20.89	119.26	0.97	5.90	101.3	12.80	Clear
1:20 PM	12.34	100.00	0.5	0.5	20.36	118.61	0.45	5.94	105.8	17.14	Clear
1:25 PM	12.33	100.00	0.5	1.0	20.62	120.76	0.38	6.02	19.7	17.95	Clear
1:30 PM	12.33	100.00	0.5	1.5	20.34	121.47	0.33	6.05	-57.2	17.82	Clear
1:35 PM	12.33	100.00	0.5	2.0	20.41	122.33	0.32	6.06	-86.7	17.28	Clear
1:39 PM	12.33	100.00	0.5	2.5	20.51	123.42	0.29	6.07	-105.6	17.67	Clear
1:45 PM	12.33	100.00	0.5	3.0	20.36	123.34	0.26	6.06	-106.2	17.73	Clear
1:50 PM	12.33	100.00	0.5	3.5	20.41	124.68	0.27	6.09	-114.9	17.74	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-75	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-76	SAMPLE ID: W-76-2024-Q2	DATE: 4/4/2024 10:18:00 AM
TOTAL WELL DEPTH (feet) (A): 14.84	WATER TABLE DEPTH (feet) (B): 10.07	LENGTH OF WATER COLUMN (feet) (A-B): 4.77
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.78

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/4/2024 9:55:00 AM	PURGING END TIME: 4/4/2024 10:15:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:55 AM	10.07	100.00	0.0	0.0	20.35	199.46	4.78	5.06	221.3	3.48	Clear
10:00 AM	10.16	100.00	0.5	0.5	19.85	187.37	4.40	4.99	233.2	1.02	Clear
10:05 AM	10.16	100.00	0.5	1.0	19.81	186.32	4.41	4.99	237.8	0.69	Clear
10:10 AM	10.16	100.00	0.5	1.5	19.57	185.91	4.33	5.00	240.7	0.67	Clear
10:15 AM	10.15	100.00	0.5	2.0	19.59	185.80	4.33	5.01	243.9	0.56	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-76	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-77	SAMPLE ID: W-77-2024-Q2	DATE: 4/9/2024 8:58:00 AM
TOTAL WELL DEPTH (feet) (A): 15.24	WATER TABLE DEPTH (feet) (B): 9.15	LENGTH OF WATER COLUMN (feet) (A-B): 6.09
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.99

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/9/2024 8:20:00 AM	PURGING END TIME: 4/9/2024 8:55:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:20 AM	9.15	100.00	0.0	0.0	18.02	5596.37	5.62	12.15	-89.4	21.13	Clear
8:25 AM	9.21	100.00	0.5	0.5	18.47	5892.62	2.92	12.27	-114.3	5.00	Clear
8:30 AM	9.22	100.00	0.5	1.0	18.67	5892.10	2.67	12.29	-109.4	1.15	Clear
8:35 AM	9.22	100.00	0.5	1.5	18.70	5885.46	2.67	12.29	-105.0	0.62	Clear
8:40 AM	9.22	100.00	0.5	2.0	18.70	5708.19	2.51	12.28	-102.7	0.00	Clear
8:45 AM	9.22	100.00	0.5	2.5	18.67	5450.44	2.43	12.26	-99.0	0.00	Clear
8:50 AM	9.22	100.00	0.5	3.0	18.72	5351.42	2.55	12.24	-96.4	0.00	Clear
8:55 AM	9.22	100.00	0.5	3.5	18.71	5323.92	2.69	12.24	-95.0	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-77	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride	GEL
1	250 ml	Poly	None	Nitrate	GEL
3	40 ml	VOA vial	HCL	Select VOCs	GEL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-78	SAMPLE ID: W-78-2024-Q2	DATE: 4/3/2024 2:53:00 PM
TOTAL WELL DEPTH (feet) (A): 15.03	WATER TABLE DEPTH (feet) (B): 9.40	LENGTH OF WATER COLUMN (feet) (A-B): 5.63
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.92

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/3/2024 2:30:00 PM	PURGING END TIME: 4/3/2024 2:50:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:30 PM	9.40	100.00	0.0	0.0	21.58	222.68	5.89	6.35	205.7	0.06	Clear
2:35 PM	9.45	100.00	0.5	0.5	21.09	224.09	5.89	6.41	210.2	0.00	Clear
2:40 PM	9.45	100.00	0.5	1.0	20.95	225.75	5.74	6.40	230.1	0.00	Clear
2:45 PM	9.45	100.00	0.5	1.5	20.94	225.52	5.78	6.40	229.3	0.00	Clear
2:50 PM	9.45	100.00	0.5	2.0	20.94	223.45	5.74	6.40	228.5	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-78	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE: W-78-2024-Q2-DUP
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-79	SAMPLE ID: W-79-2024-Q2	DATE: 4/3/2024 1:58:00 PM
TOTAL WELL DEPTH (feet) (A): 15.25	WATER TABLE DEPTH (feet) (B): 8.29	LENGTH OF WATER COLUMN (feet) (A-B): 6.96
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.14

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/3/2024 1:35:00 PM	PURGING END TIME: 4/3/2024 1:55:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:35 PM	8.29	100.00	0.0	0.0	22.12	184.53	6.51	6.42	192.2	5.37	Clear
1:40 PM	8.42	100.00	0.5	0.5	21.28	177.02	6.38	6.42	216.6	1.72	Clear
1:45 PM	8.43	100.00	0.5	1.0	21.23	178.22	5.51	6.34	222.0	1.42	Clear
1:50 PM	8.44	100.00	0.5	1.5	21.19	178.22	5.47	6.33	224.2	1.27	Clear
1:55 PM	8.45	100.00	0.5	2.0	21.12	178.44	5.40	6.30	225.5	0.65	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-79	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-80	SAMPLE ID: W-80-2024-Q2	DATE: 4/2/2024 1:53:00 PM
TOTAL WELL DEPTH (feet) (A): 15.24	WATER TABLE DEPTH (feet) (B): 9.90	LENGTH OF WATER COLUMN (feet) (A-B): 5.34
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.87

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/2/2024 1:20:00 PM	PURGING END TIME: 4/2/2024 1:50:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:20 PM	9.90	100.00	0.0	0.0	22.86	249.70	3.73	5.60	103.4	9.03	Clear
1:25 PM	10.42	100.00	0.5	0.5	22.67	246.65	3.71	5.61	172.7	0.00	Clear
1:30 PM	10.55	100.00	0.5	1.0	22.74	245.22	3.72	5.63	190.7	0.00	Clear
1:35 PM	10.70	100.00	0.5	1.5	22.78	252.28	3.56	5.54	206.1	0.00	Clear
1:40 PM	10.85	100.00	0.5	2.0	22.81	253.35	3.38	5.53	217.8	0.00	Clear
1:45 PM	11.00	100.00	0.5	2.5	22.66	255.64	3.35	5.53	222.7	0.00	Clear
1:50 PM	11.27	100.00	0.5	3.0	22.71	259.98	3.41	5.55	226.7	1.91	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-80	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-81	SAMPLE ID: W-81-2024-Q2	DATE: 4/3/2024 9:43:00 AM
TOTAL WELL DEPTH (feet) (A): 15.25	WATER TABLE DEPTH (feet) (B): 11.00	LENGTH OF WATER COLUMN (feet) (A-B): 4.25
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.69

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/3/2024 8:50:00 AM	PURGING END TIME: 4/3/2024 9:40:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:50 AM	11.00	100.00	0.0	0.0	19.97	209.76	0.21	5.85	189.9	6.31	Clear
8:55 AM	11.94	100.00	0.5	0.5	19.98	213.78	0.20	5.85	189.5	8.97	Clear
9:00 AM	12.13	100.00	0.5	1.0	19.89	216.87	0.28	5.85	190.1	5.80	Clear
9:05 AM	12.23	100.00	0.5	1.5	19.87	220.49	0.34	5.86	191.0	3.93	Clear
9:10 AM	12.26	100.00	0.5	2.0	19.94	237.26	0.67	5.89	192.6	2.81	Clear
9:15 AM	12.33	100.00	0.5	2.5	19.90	240.05	0.87	5.88	194.4	0.53	Clear
9:20 AM	12.41	100.00	0.5	3.0	19.90	240.67	1.06	5.88	191.9	0.21	Clear
9:25 AM	12.45	100.00	0.5	3.5	19.92	245.34	1.26	5.91	189.3	0.00	Clear
9:30 AM	12.50	100.00	0.5	4.0	19.91	246.59	1.37	5.90	189.4	0.00	Clear
9:35 AM	12.54	100.00	0.5	4.5	19.92	253.17	1.52	5.91	191.8	0.00	Clear
9:40 AM	12.60	100.00	0.5	5.0	19.91	251.64	1.57	5.91	193.7	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-81	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-82	SAMPLE ID: W-82-2024-Q2	DATE: 4/2/2024 12:48:00 PM
TOTAL WELL DEPTH (feet) (A): 15.24	WATER TABLE DEPTH (feet) (B): 11.62	LENGTH OF WATER COLUMN (feet) (A-B): 3.62
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.59

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/2/2024 11:45:00 AM	PURGING END TIME: 4/2/2024 12:45:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:45 AM	11.62	80.00	0.0	0.0	20.81	137.32	3.41	5.43	245.8	15.37	Clear
11:50 AM	12.10	80.00	0.4	0.4	21.57	130.51	3.67	5.50	243.5	14.86	Clear
11:55 AM	12.14	80.00	0.4	0.8	22.26	155.09	4.21	5.50	244.1	15.83	Clear
12:00 PM	12.35	80.00	0.4	1.2	20.83	160.04	2.62	5.46	246.9	27.64	Clear
12:05 PM	12.59	80.00	0.4	1.6	20.75	158.09	2.38	5.44	248.5	33.07	Clear
12:10 PM	12.74	80.00	0.4	2.0	20.74	148.60	2.21	5.41	251.4	47.40	Clear
12:15 PM	12.92	80.00	0.4	2.4	20.86	150.00	1.88	5.41	251.3	72.66	Clear
12:20 PM	13.08	80.00	0.4	2.8	20.96	149.86	1.56	5.38	254.4	105.79	Light brown
12:25 PM	13.10	80.00	0.4	3.2	21.26	152.68	1.51	5.38	253.4	138.00	Light brown
12:30 PM	13.14	80.00	0.4	3.6	21.42	156.46	1.27	5.34	255.7	133.35	Light brown
12:35 PM	13.17	80.00	0.4	4.0	21.61	161.96	1.50	5.33	256.3	120.40	Light brown
12:40 PM	13.19	80.00	0.4	4.4	21.67	161.57	1.18	5.33	255.6	107.27	Light brown
12:45 PM	14.21	80.00	0.4	4.8	21.66	163.29	1.02	5.33	256.2	92.54	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-82	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-83	SAMPLE ID: W-83-2024-Q2	DATE: 4/2/2024 11:13:00 AM
TOTAL WELL DEPTH (feet) (A): 25.96	WATER TABLE DEPTH (feet) (B): 12.74	LENGTH OF WATER COLUMN (feet) (A-B): 13.22
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 16.50 - 26.50 ft	CALCULATED SYSTEM VOLUME (gallons): 2.16

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/2/2024 10:10:00 AM	PURGING END TIME: 4/2/2024 11:10:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:10 AM	12.74	100.00	0.0	0.0	22.26	158.26	2.77	5.61	197.4	25.90	Clear
10:15 AM	13.61	100.00	0.5	0.5	22.18	159.28	2.91	5.72	205.5	33.07	Clear
10:20 AM	13.75	100.00	0.5	1.0	22.26	158.19	2.54	5.75	211.5	26.93	Clear
10:25 AM	13.83	100.00	0.5	1.5	22.10	154.01	2.78	5.75	223.6	41.44	Clear
10:30 AM	13.92	100.00	0.5	2.0	22.10	144.59	2.37	5.76	227.5	45.21	Clear
10:35 AM	13.98	100.00	0.5	2.5	22.10	137.52	2.37	5.74	232.1	41.04	Clear
10:40 AM	14.02	100.00	0.5	3.0	22.03	137.39	2.37	5.74	233.5	32.72	Clear
10:45 AM	14.05	100.00	0.5	3.5	22.06	129.98	2.37	5.73	236.6	31.06	Clear
10:50 AM	14.07	100.00	0.5	4.0	22.12	128.00	2.38	5.77	236.2	28.63	Clear
10:55 AM	14.08	100.00	0.5	4.5	22.09	119.11	2.41	5.75	239.3	23.92	Clear
11:00 AM	14.10	100.00	0.5	5.0	22.09	113.76	2.46	5.76	240.3	25.30	Clear
11:05 AM	14.11	100.00	0.5	5.5	22.17	114.82	2.41	5.74	243.0	22.79	Clear
11:10 AM	14.13	100.00	0.5	6.0	22.18	115.41	2.44	5.73	243.9	24.27	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-83	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-84	SAMPLE ID: W-84-2024-Q2	DATE: 4/2/2024 9:43:00 AM
TOTAL WELL DEPTH (feet) (A): 20.23	WATER TABLE DEPTH (feet) (B): 5.92	LENGTH OF WATER COLUMN (feet) (A-B): 14.31
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 21.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.34

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/2/2024 9:05:00 AM	PURGING END TIME: 4/2/2024 9:40:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:05 AM	5.92	100.00	0.0	0.0	20.38	138.75	2.97	6.04	221.5	4.18	Clear
9:10 AM	6.49	100.00	0.5	0.5	20.27	145.66	2.75	6.03	96.4	12.68	Clear
9:15 AM	7.00	100.00	0.5	1.0	20.30	145.69	2.72	6.02	122.1	7.83	Clear
9:20 AM	7.35	100.00	0.5	1.5	20.32	145.79	2.70	6.02	154.5	6.00	Clear
9:25 AM	7.60	100.00	0.5	2.0	20.39	145.81	2.70	6.02	168.2	7.75	Clear
9:30 AM	7.74	100.00	0.5	2.5	20.40	145.75	2.69	6.01	178.4	5.27	Clear
9:35 AM	7.77	100.00	0.5	3.0	20.42	144.98	2.62	5.99	183.5	4.27	Clear
9:40 AM	7.80	100.00	0.5	3.5	20.52	144.13	2.47	5.96	185.1	4.67	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-84	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-85	SAMPLE ID: W-85-2024-Q2	DATE: 4/16/2024 10:08:00 AM
TOTAL WELL DEPTH (feet) (A): 47.80	WATER TABLE DEPTH (feet) (B): 19.20	LENGTH OF WATER COLUMN (feet) (A-B): 28.60
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 40.00 - 45.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.67

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 42.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/16/2024 9:45:00 AM	PURGING END TIME: 4/16/2024 10:05:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:45 AM	19.20	100.00	0.0	0.0	19.82	834.49	4.12	11.71	-88.2	25.61	Clear
9:50 AM	19.78	100.00	0.5	0.5	19.66	857.43	3.36	11.76	-81.1	15.92	Clear
9:55 AM	19.82	100.00	0.5	1.0	19.72	856.63	3.34	11.77	-77.5	11.22	Clear
10:00 AM	19.85	100.00	0.5	1.5	19.76	856.64	3.22	11.78	-75.2	5.22	Clear
10:05 AM	19.89	100.00	0.5	2.0	19.85	856.69	3.13	11.77	-73.2	3.51	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-85	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-86	SAMPLE ID: W-86-2024-Q2	DATE: 4/16/2024 9:23:00 AM
TOTAL WELL DEPTH (feet) (A): 38.22	WATER TABLE DEPTH (feet) (B): 18.19	LENGTH OF WATER COLUMN (feet) (A-B): 20.03
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.00 - 35.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.27

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/16/2024 9:00:00 AM	PURGING END TIME: 4/16/2024 9:20:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:00 AM	18.19	100.00	0.0	0.0	18.86	241.71	3.24	5.85	99.7	61.55	Clear
9:05 AM	18.85	100.00	0.5	0.5	18.88	241.48	2.07	5.85	107.6	10.98	Clear
9:10 AM	19.00	100.00	0.5	1.0	19.07	241.56	1.81	5.84	120.9	5.46	Clear
9:15 AM	19.00	100.00	0.5	1.5	19.21	241.51	1.85	5.84	125.4	6.71	Clear
9:20 AM	19.00	100.00	0.5	2.0	19.26	241.70	1.65	5.84	127.1	7.81	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-86	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-87	SAMPLE ID: W-87-2024-Q2	DATE: 4/8/2024 2:33:00 PM
TOTAL WELL DEPTH (feet) (A): 32.80	WATER TABLE DEPTH (feet) (B): 8.00	LENGTH OF WATER COLUMN (feet) (A-B): 24.80
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 28.00 - 33.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.05

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/8/2024 2:00:00 PM	PURGING END TIME: 4/8/2024 2:30:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:00 PM	8.00	100.00	0.0	0.0	22.82	88.89	3.38	6.43	115.0	49.27	Clear
2:05 PM	8.37	100.00	0.5	0.5	22.49	88.51	2.91	6.44	121.9	54.74	Clear
2:10 PM	8.42	100.00	0.5	1.0	22.00	88.53	2.51	6.53	131.5	30.32	Clear
2:15 PM	8.43	100.00	0.5	1.5	21.97	89.16	2.54	6.53	138.4	22.71	Clear
2:20 PM	8.43	100.00	0.5	2.0	22.02	89.41	2.06	6.55	142.3	21.70	Clear
2:25 PM	8.43	100.00	0.5	2.5	21.79	90.02	1.88	6.55	145.7	20.37	Clear
2:30 PM	8.43	100.00	0.5	3.0	21.75	90.11	1.77	6.54	148.6	21.80	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-87	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-88	SAMPLE ID: W-88-2024-Q2	DATE: 4/11/2024 12:38:00 PM
TOTAL WELL DEPTH (feet) (A): 44.38	WATER TABLE DEPTH (feet) (B): 22.91	LENGTH OF WATER COLUMN (feet) (A-B): 21.47
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 36.50 - 41.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.50

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 39	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/11/2024 12:10:00 PM	PURGING END TIME: 4/11/2024 12:35:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:10 PM	22.91	100.00	0.5	0.5	19.09	66.35	7.11	5.62	136.2	0.00	Clear
12:15 PM	23.09	100.00	0.5	1.0	19.17	65.85	6.65	5.65	186.5	0.00	Clear
12:20 PM	23.10	100.00	0.5	1.5	19.11	65.91	6.64	5.67	199.9	0.00	Clear
12:25 PM	23.10	100.00	0.5	2.0	18.98	65.88	6.76	5.64	207.4	0.00	Clear
12:30 PM	23.10	100.00	0.5	2.5	18.93	65.90	6.56	5.65	211.8	0.00	Clear
12:35 PM	23.10	100.00	0.5	3.0	18.97	65.80	6.65	5.64	215.2	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-88	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-89	SAMPLE ID: W-89-2024-Q2	DATE: 4/11/2024 11:13:00 AM
TOTAL WELL DEPTH (feet) (A): 28.20	WATER TABLE DEPTH (feet) (B): 21.81	LENGTH OF WATER COLUMN (feet) (A-B): 6.39
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.50 - 25.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.04

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/11/2024 10:03:00 AM	PURGING END TIME: 4/11/2024 11:10:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:08 AM	21.84	100.00	0.5	0.5	18.15	61.15	6.29	5.53	196.7	0.00	Clear
10:50 AM	21.82	100.00	0.5	1.0	19.82	59.39	6.53	5.50	218.0	0.00	Clear
10:55 AM	21.82	100.00	0.5	1.5	18.23	59.00	6.35	5.55	215.6	0.00	Clear
11:00 AM	21.83	100.00	0.5	2.0	18.28	59.17	5.99	5.53	215.5	0.00	Clear
11:05 AM	21.83	100.00	0.5	2.5	18.37	59.11	6.09	5.52	216.3	0.00	Clear
11:10 AM	21.83	100.00	0.5	3.0	18.39	58.94	6.03	5.51	216.8	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-89	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS: Lightning stand down at 1010, resumed sampling at 1050.		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-90	SAMPLE ID: W-90-2024-Q2	DATE: 4/12/2024 8:45:00 AM
TOTAL WELL DEPTH (feet) (A): 43.05	WATER TABLE DEPTH (feet) (B): 26.82	LENGTH OF WATER COLUMN (feet) (A-B): 16.23
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 35.00 - 40.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.65

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/12/2024 8:22:00 AM	PURGING END TIME: 4/12/2024 8:42:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:22 AM	26.82	100.00	0.0	0.0	16.10	70.45	6.47	5.50	147.2	7.89	Clear
8:27 AM	26.90	100.00	0.5	0.5	16.38	67.78	5.88	5.46	166.6	1.11	Clear
8:32 AM	27.90	100.00	0.5	1.0	16.43	67.67	6.10	5.47	171.5	0.05	Clear
8:37 AM	26.90	100.00	0.5	1.5	16.58	67.44	5.77	5.46	174.6	0.00	Clear
8:42 AM	26.90	100.00	0.5	2.0	16.63	67.77	5.78	5.47	176.9	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-90	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-91	SAMPLE ID: W-91-2024-Q2	DATE: 4/11/2024 1:48:00 PM
TOTAL WELL DEPTH (feet) (A): 28.28	WATER TABLE DEPTH (feet) (B): 26.63	LENGTH OF WATER COLUMN (feet) (A-B): 1.65
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 25.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.27

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/11/2024 1:25:00 PM	PURGING END TIME: 4/11/2024 1:45:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:25 PM	26.63	100.00	0.5	0.5	19.75	53.51	6.46	5.41	235.5	1.91	Clear
1:30 PM	26.87	100.00	0.5	1.0	19.05	53.04	6.21	5.52	231.6	0.00	Clear
1:35 PM	26.90	100.00	0.5	1.5	18.98	53.02	6.36	5.53	230.9	0.00	Clear
1:40 PM	26.94	100.00	0.5	2.0	18.88	52.98	6.31	5.47	233.1	0.00	Clear
1:45 PM	26.96	100.00	0.5	2.5	18.93	53.15	6.28	5.47	232.6	0.96	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-91	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-92	SAMPLE ID: W-92-2024-Q2	DATE: 4/17/2024 1:41:00 PM
TOTAL WELL DEPTH (feet) (A): 36.85	WATER TABLE DEPTH (feet) (B): 14.84	LENGTH OF WATER COLUMN (feet) (A-B): 22.01
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.59

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/17/2024 12:58:00 PM	PURGING END TIME: 4/17/2024 1:38:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:58 PM	14.84	100.00	0.0	0.0	20.49	145.49	2.12	6.26	20.3	41.97	Clear
1:03 PM	14.87	100.00	0.5	0.5	19.36	145.56	1.18	6.19	95.5	48.97	Clear
1:08 PM	14.87	100.00	0.5	1.0	19.13	145.84	1.16	6.23	98.8	41.41	Clear
1:13 PM	14.88	100.00	0.5	1.5	19.05	146.18	0.81	6.25	99.1	31.42	Clear
1:18 PM	14.88	100.00	0.5	2.0	19.08	146.79	0.65	6.25	94.3	11.96	Clear
1:23 PM	14.88	100.00	0.5	2.5	19.08	147.14	0.55	6.25	90.2	10.60	Clear
1:28 PM	14.88	100.00	0.5	3.0	19.14	147.46	0.32	6.25	75.9	11.06	Clear
1:33 PM	14.88	100.00	0.5	3.5	19.22	147.19	0.29	6.25	84.4	8.17	Clear
1:38 PM	14.88	100.00	0.5	4.0	19.21	148.73	0.41	6.26	84.6	6.10	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-92	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-93	SAMPLE ID: W-93-2024-Q2	DATE: 4/8/2024 2:43:00 PM
TOTAL WELL DEPTH (feet) (A): 35.34	WATER TABLE DEPTH (feet) (B): 9.52	LENGTH OF WATER COLUMN (feet) (A-B): 25.82
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 30.50 - 35.50 ft	CALCULATED SYSTEM VOLUME (gallons): 4.21

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.84	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/8/2024 2:09:00 PM	PURGING END TIME: 4/8/2024 2:41:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:11 PM	9.69	0.00	0.0	0.0	24.54	117.98	4.06	5.68	197.8	0.00	Clear
2:16 PM	9.70	160.00	0.8	0.8	22.14	124.18	2.11	5.58	205.9	0.00	Clear
2:21 PM	9.70	140.00	0.7	1.5	21.91	124.203	1.80	5.58	208.6	0.18	Clear
2:26 PM	9.70	140.00	0.7	2.2	21.77	124.35	1.68	5.59	212.2	0.00	Clear
2:31 PM	9.70	140.00	0.7	2.9	21.82	124.38	1.44	5.58	218.1	0.00	Clear
2:36 PM	9.70	140.00	0.7	3.6	21.71	124.20	1.35	5.58	221.6	0.00	Clear
2:41 PM	9.70	140.00	0.7	4.3	21.56	124.13	1.30	5.58	224.6	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-93	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-94	SAMPLE ID: W-94-2024-Q2	DATE: 4/18/2024 12:36:00 PM
TOTAL WELL DEPTH (feet) (A): 31.98	WATER TABLE DEPTH (feet) (B): 9.13	LENGTH OF WATER COLUMN (feet) (A-B): 22.85
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 24.50 - 29.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.73

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/18/2024 12:03:00 PM	PURGING END TIME: 4/18/2024 12:33:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:03 PM	9.13	100.00	0.5	0.5	18.95	174.93	1.09	6.26	-6.2	143.26	Light brown
12:08 PM	9.19	100.00	0.5	1.0	18.19	176.98	0.32	6.27	-17.1	97.05	Clear
12:13 PM	9.18	100.00	0.5	1.5	18.50	177.50	0.30	6.28	-11.7	62.84	Clear
12:18 PM	9.18	100.00	0.5	2.0	18.43	177.48	0.24	6.30	-14.5	23.12	Clear
12:23 PM	9.18	100.00	0.5	2.5	18.36	177.81	0.20	6.30	-17.8	12.53	Clear
12:28 PM	9.18	100.00	0.5	3.0	18.41	178.26	0.20	6.29	-19.5	5.24	Clear
12:33 PM	9.18	100.00	0.5	3.5	18.45	178.55	0.17	6.28	-27.6	12.92	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-94	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-95	SAMPLE ID: W-95-2024-Q2	DATE: 4/19/2024 8:48:00 AM
TOTAL WELL DEPTH (feet) (A): 36.25	WATER TABLE DEPTH (feet) (B): 7.75	LENGTH OF WATER COLUMN (feet) (A-B): 28.50
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 28.50 - 33.50 ft	CALCULATED SYSTEM VOLUME (gallons): 4.65

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/19/2024 8:25:00 AM	PURGING END TIME: 4/19/2024 8:45:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:25 AM	7.75	100.00	0.0	0.0	17.25	97.040	5.97	6.21	91.2	44.19	Clear
8:30 AM	7.75	100.00	0.5	0.5	17.29	96.09	5.69	6.22	123.5	12.40	Clear
8:35 AM	7.75	100.00	0.5	1.0	17.24	96.18	5.35	6.23	133.9	1.85	Clear
8:40 AM	7.75	100.00	0.5	1.5	17.23	96.19	5.44	6.23	139.3	2.14	Clear
8:45 AM	7.75	100.00	0.5	2.0	17.18	96.21	5.38	6.23	136.6	11.70	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-95	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-96	SAMPLE ID: W-96-2024-Q2	DATE: 4/17/2024 2:08:00 PM
TOTAL WELL DEPTH (feet) (A): 32.83	WATER TABLE DEPTH (feet) (B): 8.05	LENGTH OF WATER COLUMN (feet) (A-B): 24.78
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.00 - 30.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.04

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.33	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/17/2024 1:10:00 PM	PURGING END TIME: 4/17/2024 2:06:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:11 PM	8.07	140.00	0.0	0.0	24.47	120.30	5.53	5.99	231.8	0.00	Clear
1:16 PM	8.07	140.00	0.7	0.7	18.61	161.07	3.45	5.95	212.1	13.34	Clear
1:21 PM	8.07	140.00	0.7	1.4	18.42	161.16	3.25	5.96	210.3	27.72	Clear
1:26 PM	8.07	140.00	0.7	2.1	18.52	161.25	3.16	5.96	210.3	31.29	Clear
1:31 PM	8.07	140.00	0.7	2.8	18.55	160.73	3.13	5.96	195.9	24.48	Clear
1:36 PM	8.07	140.00	0.7	3.5	18.60	161.14	3.05	5.98	153.4	48.96	Clear
1:41 PM	8.07	100.00	0.5	4.0	19.43	163.54	2.85	5.99	118.9	33.58	Clear
1:46 PM	8.05	100.00	0.5	4.5	19.54	167.93	2.69	6.00	93.0	22.95	Clear
1:51 PM	8.07	100.00	0.5	5.0	19.56	171.50	2.33	6.01	75.2	27.69	Clear
1:56 PM	8.07	100.00	0.5	5.5	19.54	172.43	2.21	6.02	70.8	24.40	Clear
2:01 PM	8.07	100.00	0.5	6.0	19.36	174.84	1.92	6.02	62.2	27.37	Clear
2:06 PM	8.07	100.00	0.5	6.5	19.54	178.58	1.71	6.03	53.1	31.38	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-96	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-97	SAMPLE ID: W-97-2024-Q2	DATE: 4/16/2024 2:27:00 PM
TOTAL WELL DEPTH (feet) (A): 21.92	WATER TABLE DEPTH (feet) (B): 4.47	LENGTH OF WATER COLUMN (feet) (A-B): 17.45
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 14.00 - 19.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.85

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.42	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/16/2024 2:04:00 PM	PURGING END TIME: 4/16/2024 2:25:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:05 PM	4.49			0.0	19.46	178.01	3.54	5.83	201.8	27.91	Clear
2:10 PM	4.49	140.00	0.7	0.7	17.57	185.94	0.64	5.94	207.0	6.97	Clear
2:15 PM	4.49	140.00	0.7	1.4	17.29	185.00	0.23	5.94	213.4	0.71	Clear
2:20 PM	4.49	140.00	0.7	2.1	17.29	185.52	0.17	5.94	217.3	2.11	Clear
2:25 PM	4.49	140.00	0.7	2.8	17.19	185.87	0.18	5.94	220.1	6.54	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-97	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-98	SAMPLE ID: W-98-2024-Q2	DATE: 4/15/2024 9:09:00 AM
TOTAL WELL DEPTH (feet) (A): 29.94	WATER TABLE DEPTH (feet) (B): 24.01	LENGTH OF WATER COLUMN (feet) (A-B): 5.93
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 17.00 - 27.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.97

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.94	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/15/2024 8:21:00 AM	PURGING END TIME: 4/15/2024 9:06:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:21 AM	24.01	100.00	0.0	0.0	16.83	159.98	2.04	5.47	87.2	58.06	Clear
8:26 AM	24.10	100.00	0.5	0.5	16.92	140.38	1.38	5.49	113.6	31.34	Clear
8:31 AM	24.05	100.00	0.5	1.0	16.91	140.54	1.25	5.48	117.3	25.98	Clear
8:36 AM	24.05	100.00	0.5	1.5	16.89	137.84	0.98	5.48	118.4	27.80	Clear
8:41 AM	24.05	100.00	0.5	2.0	16.97	137.66	0.98	5.50	103.3	25.05	Clear
8:46 AM	24.05	100.00	0.5	2.5	17.03	137.54	0.99	5.50	76.4	26.59	Clear
8:51 AM	24.05	100.00	0.5	3.0	17.10	137.65	1.01	5.48	62.1	17.24	Clear
8:56 AM	24.05	100.00	0.5	3.5	17.18	137.32	0.88	5.49	63.9	16.17	Clear
9:01 AM	24.05	100.00	0.5	4.0	17.29	137.43	0.86	5.47	72.7	16.51	Clear
9:06 AM	24.05	100.00	0.5	4.5	17.37	137.72	0.82	5.48	71.2	14.03	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-98	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-99	SAMPLE ID: W-99-2024-Q2	DATE: 4/12/2024 1:04:00 PM
TOTAL WELL DEPTH (feet) (A): 23.90	WATER TABLE DEPTH (feet) (B): 12.10	LENGTH OF WATER COLUMN (feet) (A-B): 11.80
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 16.00 - 21.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.93

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/12/2024 12:16:00 PM	PURGING END TIME: 4/12/2024 1:01:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:16 PM	12.10	100.00	0.0	0.0	19.27	581.41	1.78	6.94	26.7	178.37	Clear
12:21 PM	12.76	100.00	0.5	0.5	19.15	586.14	0.48	6.95	-14.7	95.88	Clear
12:26 PM	12.90	100.00	0.5	1.0	19.19	590.43	0.31	6.93	-50.4	28.78	Clear
12:31 PM	12.90	100.00	0.5	1.5	19.32	590.96	0.27	6.93	-58.5	20.31	Clear
12:36 PM	12.90	100.00	0.5	2.0	19.33	591.38	0.33	6.93	-72.8	32.86	Clear
12:41 PM	12.90	100.00	0.5	2.5	19.34	588.59	0.19	6.93	-88.9	10.82	Clear
12:46 PM	12.90	100.00	0.5	3.0	19.35	588.59	0.66	6.94	-91.3	11.29	Clear
12:51 PM	12.90	100.00	0.5	3.5	19.38	587.82	0.19	6.93	-104.9	7.85	Clear
12:56 PM	12.90	100.00	0.5	4.0	19.37	587.35	0.20	6.92	-103.1	6.42	Clear
1:01 PM	12.90	100.00	0.5	4.5	19.36	585.70	0.21	6.92	-105.8	5.09	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-99	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-100	SAMPLE ID: W-100-2024-Q2	DATE: 4/12/2024 11:45:00 AM
TOTAL WELL DEPTH (feet) (A): 15.10	WATER TABLE DEPTH (feet) (B): 10.54	LENGTH OF WATER COLUMN (feet) (A-B): 4.56
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 7.00 - 12.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.74

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/12/2024 11:13:00 AM	PURGING END TIME: 4/12/2024 11:43:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:13 AM	10.54	100.00	0.0	0.0	18.99	257.74	2.20	6.08	194.5	6.22	Clear
11:18 AM	10.59	100.00	0.5	0.5	18.66	255.35	1.64	6.10	186.8	0.59	Clear
11:23 AM	10.60	100.00	0.5	1.0	18.75	265.43	1.61	6.12	182.6	2.65	Clear
11:28 AM	10.60	100.00	0.5	1.5	18.68	265.04	1.47	6.14	179.6	0.27	Clear
11:33 AM	10.60	100.00	0.5	2.0	18.64	255.85	1.63	6.11	177.5	0.37	Clear
11:38 AM	10.60	100.00	0.5	2.5	18.62	263.31	1.65	6.12	176.2	0.09	Clear
11:43 AM	10.60	100.00	0.5	3.0	18.64	267.45	1.61	6.13	174.7	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-100	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-102	SAMPLE ID: W-102-2024-Q2	DATE: 4/5/2024 12:18:00 PM
TOTAL WELL DEPTH (feet) (A): 33.37	WATER TABLE DEPTH (feet) (B): 10.43	LENGTH OF WATER COLUMN (feet) (A-B): 22.94
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 28.50 - 33.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.74

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/5/2024 11:30:00 AM	PURGING END TIME: 4/5/2024 12:15:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:30 AM	10.43	100.00	0.0	0.0	21.89	1111.99	0.89	6.54	181.2	0.37	Clear
11:35 AM	10.64	100.00	0.5	0.5	20.96	1043.72	0.41	6.55	181.6	0.22	Clear
11:40 AM	10.65	100.00	0.5	1.0	20.84	944.76	0.28	6.52	182.4	0.12	Clear
11:45 AM	10.66	100.00	0.5	1.5	20.95	866.86	0.25	6.53	182.6	0.00	Clear
11:50 AM	10.67	100.00	0.5	2.0	20.91	827.54	0.23	6.52	183.4	0.00	Clear
11:55 AM	10.67	100.00	0.5	2.5	20.99	791.30	0.19	6.51	184.3	0.00	Clear
12:00 PM	10.67	100.00	0.5	3.0	21.19	745.27	0.17	6.49	185.5	0.00	Clear
12:05 PM	10.67	100.00	0.5	3.5	21.00	717.94	0.19	6.47	186.7	0.00	Clear
12:10 PM	10.67	100.00	0.5	4.0	21.02	730.98	0.19	6.48	188.0	0.00	Clear
12:15 PM	10.67	100.00	0.5	4.5	21.04	730.39	0.19	6.47	188.8	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-102	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-103	SAMPLE ID: W-103-2024-Q2	DATE: 4/16/2024 1:04:00 PM
TOTAL WELL DEPTH (feet) (A): 41.85	WATER TABLE DEPTH (feet) (B): 17.35	LENGTH OF WATER COLUMN (feet) (A-B): 24.50
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 34.50 - 39.50 ft	CALCULATED SYSTEM VOLUME (gallons): 4.00

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 39.35	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/16/2024 12:35:00 PM	PURGING END TIME: 4/16/2024 1:02:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:37 PM	17.40		0.0	0.0	20.39	108.25	4.55	5.79	203.0	0.49	Clear
12:42 PM	17.40	120.00	0.6	0.6	19.36	126.04	2.32	5.66	223.0	9.73	Clear
12:47 PM	17.40	120.00	0.6	1.2	19.17	129.90	1.89	5.70	231.7	5.86	Clear
12:52 PM	17.40	120.00	0.6	1.8	19.14	130.63	1.69	5.70	237.4	0.67	Clear
12:57 PM	17.40	120.00	0.6	2.4	19.08	128.96	1.62	5.66	241.9	0.90	Clear
1:02 PM	17.40	120.00	0.6	3.0	19.12	128.80	1.62	5.68	245.5	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-103	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-104	SAMPLE ID: W-104-2024-Q2	DATE: 4/18/2024 8:39:00 AM
TOTAL WELL DEPTH (feet) (A): 21.93	WATER TABLE DEPTH (feet) (B): 6.17	LENGTH OF WATER COLUMN (feet) (A-B): 15.76
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 7.50 - 17.50 ft	CALCULATED SYSTEM VOLUME (gallons): 2.57

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/18/2024 8:11:00 AM	PURGING END TIME: 4/18/2024 8:36:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:11 AM	6.17	100.00	0.0	0.0	16.97	247.74	1.14	5.73	131.6	87.31	Clear
8:16 AM	6.17	100.00	0.5	0.5	16.97	230.55	0.32	5.65	162.0	0.63	Clear
8:21 AM	6.17	100.00	0.5	1.0	16.85	230.18	0.16	5.65	184.9	0.42	Clear
8:26 AM	6.17	100.00	0.5	1.5	16.84	228.51	0.18	5.64	191.7	1.90	Clear
8:31 AM	6.17	100.00	0.5	2.0	16.83	229.10	0.15	5.64	196.4	2.64	Clear
8:36 AM	6.17	100.00	0.5	2.5	16.85	229.14	0.15	5.65	200.1	4.83	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-104	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-105	SAMPLE ID: W-105-2024-Q2	DATE: 4/17/2024 10:01:00 AM
TOTAL WELL DEPTH (feet) (A): 26.95	WATER TABLE DEPTH (feet) (B): 8.53	LENGTH OF WATER COLUMN (feet) (A-B): 18.42
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 14.00 - 24.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.01

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/17/2024 9:23:00 AM	PURGING END TIME: 4/17/2024 9:58:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:23 AM	8.53	100.00	0.0	0.0	17.31	462.59	4.02	6.00	47.7	69.25	Clear
9:28 AM	8.64	100.00	0.5	0.5	17.32	464.55	0.95	5.99	47.0	36.39	Clear
9:33 AM	8.65	100.00	0.5	1.0	17.35	464.91	0.63	5.98	43.9	74.82	Clear
9:38 AM	8.65	100.00	0.5	1.5	17.41	464.63	0.47	5.98	41.8	26.07	Clear
9:43 AM	8.65	100.00	0.5	2.0	17.45	464.24	0.47	5.98	41.5	32.75	Clear
9:48 AM	8.65	100.00	0.5	2.5	17.47	464.08	0.40	5.98	44.0	12.11	Clear
9:53 AM	8.65	100.00	0.5	3.0	17.57	464.10	0.40	5.98	44.8	10.38	Clear
9:58 AM	8.65	100.00	0.5	3.5	17.69	464.11	0.38	5.98	46.1	11.11	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-105	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-106	SAMPLE ID: W-106-2024-Q2	DATE: 4/15/2024 12:32:00 PM
TOTAL WELL DEPTH (feet) (A): 32.65	WATER TABLE DEPTH (feet) (B): 10.07	LENGTH OF WATER COLUMN (feet) (A-B): 22.58
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 24.50 - 29.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.68

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/15/2024 11:58:00 AM	PURGING END TIME: 4/15/2024 12:30:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:00 PM	10.07			0.0	20.41	246.62	2.85	6.15	7.5	20.44	Clear
12:05 PM	10.07	140.00	0.7	0.7	18.28	283.43	0.32	6.18	-36.5	5.14	Clear
12:10 PM	10.07	140.00	0.7	1.4	18.21	294.11	0.17	6.19	-46.5	29.12	Clear
12:15 PM	10.07	140.00	0.7	2.1	18.54	301.23	0.14	6.20	-50.2	2.92	Clear
12:20 PM	10.07	140.00	0.7	2.8	18.64	304.92	0.10	6.18	-50.7	28.86	Clear
12:25 PM	10.07	140.00	0.7	3.5	18.93	303.62	0.08	6.18	-51.4	26.48	Clear
12:30 PM	10.07	140.00	0.7	4.2	18.93	307.35	0.07	6.16	-51.3	24.58	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-106	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-107	SAMPLE ID: W-107-2024-Q2	DATE: 4/19/2024 9:14:00 AM
TOTAL WELL DEPTH (feet) (A): 37.25	WATER TABLE DEPTH (feet) (B): 6.81	LENGTH OF WATER COLUMN (feet) (A-B): 30.44
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.97

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.75	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/19/2024 8:31:00 AM	PURGING END TIME: 4/19/2024 9:12:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:32 AM	6.81	140.00	0.0	0.0	17.13	58.74	6.35	7.06	192.5	36.08	Clear
8:37 AM	6.81	140.00	0.7	0.7	16.82	55.98	1.21	6.10	191.1	36.37	Clear
8:42 AM	6.81	120.00	0.6	1.3	16.91	55.90	0.84	6.10	192.0	21.57	Clear
8:47 AM	6.81	120.00	0.6	1.9	16.90	56.00	0.64	6.09	183.0	21.82	Clear
8:52 AM	6.81	120.00	0.6	2.5	17.01	55.99	0.67	6.10	171.2	23.18	Clear
8:57 AM	6.81	120.00	0.6	3.1	16.99	140.59	0.32	6.21	7.1	9.75	Clear
9:02 AM	6.81	120.00	0.6	3.7	17.08	147.04	0.24	6.24	-12.5	2.32	Clear
9:07 AM	6.81	120.00	0.6	4.3	17.12	149.00	0.22	6.25	-17.3	0.66	Clear
9:12 AM	6.81	120.00	0.6	4.9	17.20	151.11	0.20	6.25	-20.3	4.78	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-107	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL:	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-108	SAMPLE ID: W-108-2024-Q2	DATE: 4/18/2024 9:43:00 AM
TOTAL WELL DEPTH (feet) (A): 35.93	WATER TABLE DEPTH (feet) (B): 7.07	LENGTH OF WATER COLUMN (feet) (A-B): 28.86
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 27.00 - 32.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.71

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33.43	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/18/2024 9:02:00 AM	PURGING END TIME: 4/18/2024 9:41:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:06 AM	7.07	140.00	0.0	0.0	18.48	89.58	2.68	6.37	69.1	30.25	Clear
9:11 AM	7.07	140.00	0.7	0.7	17.02	141.71	0.20	6.38	-12.9	71.42	Clear
9:16 AM	7.07	140.00	0.7	1.4	17.00	140.13	0.14	6.40	-15.4	48.17	Clear
9:21 AM	7.07	140.00	0.7	2.1	17.12	136.26	0.15	6.40	-18.2	27.26	Clear
9:26 AM	7.07	140.00	0.7	2.8	17.08	137.71	0.18	6.40	-18.8	28.17	Clear
9:31 AM	7.07	140.00	0.7	3.5	17.14	141.70	0.14	6.40	-21.3	23.60	Clear
9:36 AM	7.07	140.00	0.7	4.2	17.17	142.48	0.13	6.40	-23.6	12.59	Clear
9:41 AM	7.07	140.00	0.7	4.9	17.24	141.83	0.12	6.40	-26.7	10.17	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-108	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-109	SAMPLE ID: W-109-2024-Q2	DATE: 4/18/2024 12:06:00 PM
TOTAL WELL DEPTH (feet) (A): 35.02	WATER TABLE DEPTH (feet) (B): 7.31	LENGTH OF WATER COLUMN (feet) (A-B): 27.71
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 27.00 - 32.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.52

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.52	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/18/2024 11:22:00 AM	PURGING END TIME: 4/18/2024 12:04:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:24 AM	7.32	160.00		0.0	22.31	20.50	6.34	6.04	131.7	0.00	Orange tinge
11:29 AM	7.33	160.00	0.8	0.8	18.12	68.99	1.21	6.08	43.0	261.04	Orange tinge
11:34 AM	7.32	120.00	0.6	1.4	18.05	71.69	0.92	6.09	27.6	140.33	Clearing
11:39 AM	7.32	120.00	0.6	2.0	17.95	71.77	0.59	6.11	20.5	102.52	Clear
11:44 AM	7.32	120.00	0.6	2.6	17.87	72.40	0.46	6.12	15.7	76.36	Clear
11:49 AM	7.32	120.00	0.6	3.2	17.78	70.99	0.45	6.12	14.0	59.50	Clear
11:54 AM	7.32	120.00	0.6	3.8	18.02	70.41	0.44	6.12	12.7	41.62	Clear
11:59 AM	7.32	120.00	0.6	4.4	18.02	71.66	0.31	6.13	8.9	29.00	Clear
12:04 PM	7.32	120.00	0.6	5.0	17.89	71.02	0.41	6.12	9.5	24.82	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-109	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-110	SAMPLE ID: W-110-2024-Q2	DATE: 4/19/2024 10:28:00 AM
TOTAL WELL DEPTH (feet) (A): 36.90	WATER TABLE DEPTH (feet) (B): 7.84	LENGTH OF WATER COLUMN (feet) (A-B): 29.06
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.74

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME:	PURGING END TIME:	PUMP TYPE:

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:06 AM	7.85			0.0	18.69	29.26	3.28	5.37	130.1	5.08	Clear
10:11 AM	7.85	120.00	0.6	0.6	17.27	23.69	0.58	5.22	175.8	0.16	Clear
10:16 AM	7.85	140.00	0.7	1.3	17.24	23.71	0.36	5.21	187.1	0.00	Clear
10:21 AM	7.85	140.00	0.7	2.0	17.26	23.73	0.25	5.21	191.3	0.10	Clear
10:26 AM	7.85	140.00	0.7	2.7	17.32	23.71	0.20	5.21	191.5	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-110	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-111	SAMPLE ID: W-111-2024-Q2	DATE: 4/18/2024 2:18:00 PM
TOTAL WELL DEPTH (feet) (A): 84.50	WATER TABLE DEPTH (feet) (B): 4.69	LENGTH OF WATER COLUMN (feet) (A-B): 79.81
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 76.00 - 81.00 ft	CALCULATED SYSTEM VOLUME (gallons): 13.02

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 78.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/18/2024 1:15:00 PM	PURGING END TIME: 4/18/2024 2:15:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:15 PM	4.69	100.00	0.0	0.0	19.18	26.94	4.12	5.65	160.7	6.24	Clear
1:20 PM	4.70	100.00	0.5	0.5	18.98	26.87	3.68	5.65	191.1	0.00	Clear
1:25 PM	4.70	100.00	0.5	1.0	18.61	26.91	3.62	5.67	195.9	0.00	Clear
1:30 PM	4.70	100.00	0.5	1.5	18.78	26.80	3.53	5.67	185.2	0.00	Clear
1:35 PM	4.70	100.00	0.5	2.0	18.81	26.56	3.14	5.68	59.9	0.00	Clear
1:40 PM	4.70	100.00	0.5	2.5	18.65	26.19	2.52	5.70	29.1	0.00	Clear
1:45 PM	4.70	100.00	0.5	3.0	18.81	25.75	1.65	5.72	4.4	3.52	Clear
1:50 PM	4.70	100.00	0.5	3.5	18.63	25.74	1.56	5.71	1.3	0.00	Clear
1:55 PM	4.70	100.00	0.5	4.0	18.84	25.72	1.42	5.74	-13.7	0.00	Clear
2:00 PM	4.70	100.00	0.5	4.5	18.72	25.72	1.36	5.72	-30.2	0.00	Clear
2:05 PM	4.70	100.00	0.5	5.0	18.59	26.09	1.29	5.74	-43.8	0.00	Clear
2:10 PM	4.70	100.00	0.5	5.5	18.46	26.03	1.42	5.75	-48.0	0.00	Clear
2:15 PM	4.70	100.00	0.5	6.0	18.46	25.92	1.34	5.74	-52.1	0.76	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-111	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE: W-111-2024-Q2-DUP
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-112	SAMPLE ID: W-112-2024-Q2	DATE: 4/18/2024 11:29:00 AM
TOTAL WELL DEPTH (feet) (A): 36.96	WATER TABLE DEPTH (feet) (B): 7.31	LENGTH OF WATER COLUMN (feet) (A-B): 29.65
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.84

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/18/2024 10:26:00 AM	PURGING END TIME: 4/18/2024 11:26:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:26 AM	7.31	100.00	0.0	0.0	19.40	243.10	0.13	6.61	-104.8	637.26	Brown
10:31 AM	7.31	100.00	0.5	0.5	19.89	223.80	0.16	6.49	-85.2	241.81	Brown
10:36 AM	7.31	100.00	0.5	1.0	19.21	214.61	0.17	6.46	-70.8	143.82	Light brown
10:41 AM	7.31	100.00	0.5	1.5	18.91	220.96	0.43	6.48	-66.8	230.34	Clear
10:46 AM	7.31	100.00	0.5	2.0	18.70	236.71	0.07	6.53	-86.4	582.32	Brown
10:51 AM	7.32	100.00	0.5	2.5	19.17	207.69	0.21	6.46	-81.1	279.69	Light brown
10:56 AM	7.32	100.00	0.5	3.0	18.94	204.35	0.23	6.47	-70.8	47.61	Clear
11:01 AM	7.32	100.00	0.5	3.5	19.02	204.51	0.51	6.48	-78.5	53.17	Clear
11:06 AM	7.32	100.00	0.5	4.0	18.71	204.95	0.39	6.48	-77.7	64.93	Clear
11:11 AM	7.32	100.00	0.5	4.5	18.84	205.44	0.37	6.49	-78.7	51.66	Clear
11:16 AM	7.32	100.00	0.5	5.0	18.72	204.55	0.38	6.50	-79.4	24.03	Clear
11:21 AM	7.32	100.00	0.5	5.5	18.83	204.47	0.36	6.51	-81.3	60.77	Clear
11:26 AM	7.32	100.00	0.5	6.0	18.91	204.37	0.34	6.51	-81.4	12.87	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-112	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-113	SAMPLE ID: W-113-2024-Q2	DATE: 4/9/2024 12:21:00 PM
TOTAL WELL DEPTH (feet) (A): 39.10	WATER TABLE DEPTH (feet) (B): 8.80	LENGTH OF WATER COLUMN (feet) (A-B): 30.30
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 31.00 - 36.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.94

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36.6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/9/2024 11:58:00 AM	PURGING END TIME: 4/9/2024 12:19:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:59 AM	9.10	160.00	0.0	0.0	17.67	88.06	5.65	6.34	150.7	68.57	Clear
12:04 PM	9.32	160.00	0.8	0.8	17.18	85.62	1.29	6.08	156.9	24.70	Clear
12:09 PM	9.44	120.00	0.6	1.4	17.08	86.17	1.27	6.08	159.0	9.61	Clear
12:14 PM	9.52	120.00	0.6	2.0	16.97	87.41	1.23	6.09	160.2	14.12	Clear
12:19 PM	9.64	120.00	0.6	2.6	17.04	86.40	1.14	6.09	160.7	9.40	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-113	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-114	SAMPLE ID: W-114-2024-Q2	DATE: 4/9/2024 1:04:00 PM
TOTAL WELL DEPTH (feet) (A): 23.55	WATER TABLE DEPTH (feet) (B): 8.07	LENGTH OF WATER COLUMN (feet) (A-B): 15.48
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.53

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18.55	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/9/2024 12:39:00 PM	PURGING END TIME: 4/9/2024 1:02:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:42 PM	8.29			0.0	17.34	81.50	6.29	5.90	159.2	137.30	Clearing
12:47 PM	8.35	160.00	0.8	0.8	16.46	83.85	2.75	5.82	175.9	11.47	Clear
12:52 PM	8.40	160.00	0.8	1.6	16.37	85.99	2.61	5.86	181.0	9.16	Clear
12:57 PM	8.42	160.00	0.8	2.4	16.30	84.85	2.59	5.86	181.6	15.44	Clear
1:02 PM	8.44	160.00	0.8	3.2	16.31	84.64	2.59	5.86	181.3	14.72	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-114	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-115	SAMPLE ID: W-115-2024-Q2	DATE: 4/9/2024 1:33:00 PM
TOTAL WELL DEPTH (feet) (A): NM	WATER TABLE DEPTH (feet) (B): 18.23	LENGTH OF WATER COLUMN (feet) (A-B):
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 40.50 - 45.50 ft	CALCULATED SYSTEM VOLUME (gallons):

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 43	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/9/2024 1:05:00 PM	PURGING END TIME: 4/9/2024 1:30:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:05 PM	18.23	100.00	0.5	0.5	17.45	94.37	4.42	5.72	199.3	1.32	Clear
1:10 PM	18.31	100.00	0.5	1.0	17.22	93.28	4.20	5.72	207.8	0.00	Clear
1:20 PM	18.32	100.00	0.5	1.5	17.20	91.55	3.71	5.74	213.6	0.00	Clear
1:25 PM	18.32	100.00	0.5	2.0	17.21	91.49	3.63	5.73	215.6	0.00	Clear
1:30 PM	18.32	100.00	0.5	2.5	17.22	91.29	3.51	5.72	217.2	1.05	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-115	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-116	SAMPLE ID: W-116-2024-Q2	DATE: 4/9/2024 2:23:00 PM
TOTAL WELL DEPTH (feet) (A): NM	WATER TABLE DEPTH (feet) (B): 17.98	LENGTH OF WATER COLUMN (feet) (A-B):
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons):

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/9/2024 2:00:00 PM	PURGING END TIME: 4/9/2024 2:20:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:00 PM	17.98	100.00	0.0	0.0	16.92	102.28	8.25	5.13	235.0	0.00	Clear
2:05 PM	18.18	100.00	0.5	0.5	16.77	102.26	8.16	5.17	241.0	0.00	Clear
2:10 PM	18.21	100.00	0.5	1.0	16.78	102.21	7.99	5.17	242.9	0.00	Clear
2:15 PM	18.21	100.00	0.5	1.5	16.82	102.34	7.99	5.19	242.6	0.00	Clear
2:20 PM	18.21	100.00	0.5	2.0	16.80	102.30	8.13	5.19	243.9	0.26	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-116	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-117	SAMPLE ID: W-117-2024-Q2	DATE: 4/9/2024 2:33:00 PM
TOTAL WELL DEPTH (feet) (A): 46.74	WATER TABLE DEPTH (feet) (B): 22.26	LENGTH OF WATER COLUMN (feet) (A-B): 24.48
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 39.00 - 44.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.99

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 44.24	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/9/2024 2:03:00 PM	PURGING END TIME: 4/9/2024 2:31:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:06 PM	22.29	140.00	0.0	0.0	18.03	73.09	7.34	6.16	177.3	6.77	Clear
2:11 PM	22.29	140.00	0.7	0.7	17.96	71.32	4.44	5.73	180.8	16.96	Clear
2:16 PM	22.29	140.00	0.7	1.4	18.00	70.11	4.68	5.75	182.8	11.87	Clear
2:21 PM	22.29	140.00	0.7	2.1	17.97	69.49	4.74	5.75	188.9	17.43	Clear
2:26 PM	22.29	140.00	0.7	2.8	17.94	69.11	4.68	5.75	193.8	17.29	Clear
2:31 PM	22.29	140.00	0.7	3.5	17.94	68.65	4.63	5.76	197.7	7.63	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-117	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-118	SAMPLE ID: W-118-2024-Q2	DATE: 4/12/2024 12:55:00 PM
TOTAL WELL DEPTH (feet) (A): 32.44	WATER TABLE DEPTH (feet) (B): 20.50	LENGTH OF WATER COLUMN (feet) (A-B): 11.94
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 19.50 - 29.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.95

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.44	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/12/2024 12:26:00 PM	PURGING END TIME: 4/12/2024 12:53:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:28 PM	20.50	140.00	0.0	0.0	19.79	73.01	5.45	5.62	137.8	104.11	Clear
12:33 PM	20.50	140.00	0.7	0.7	18.57	75.34	1.69	5.43	197.2	8.12	Clear
12:38 PM	20.50	140.00	0.7	1.4	18.37	75.34	1.37	5.43	209.7	6.40	Clear
12:43 PM	20.50	140.00	0.7	2.1	18.37	75.46	1.24	5.43	217.2	11.40	Clear
12:48 PM	20.50	140.00	0.7	2.8	18.42	75.43	1.17	5.43	220.9	8.64	Clear
12:53 PM	20.50	140.00	0.7	3.5	18.50	75.40	1.14	5.44	224.6	4.27	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-118	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-119	SAMPLE ID: W-119-2024-Q2	DATE: 4/11/2024 9:08:00 AM
TOTAL WELL DEPTH (feet) (A): 33.05	WATER TABLE DEPTH (feet) (B): 15.55	LENGTH OF WATER COLUMN (feet) (A-B): 17.50
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.00 - 30.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.86

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/11/2024 8:25:00 AM	PURGING END TIME: 4/11/2024 9:05:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:25 AM	15.55	100.00	0.0	0.0	18.32	85.08	1.29	5.43	103.4	2.20	Clear
8:30 AM	15.57	100.00	0.5	0.5	18.32	79.18	0.73	5.40	130.3	0.00	Clear
8:35 AM	15.56	100.00	0.5	1.0	18.18	83.11	0.50	5.43	67.5	0.00	Clear
8:40 AM	15.56	100.00	0.5	1.5	18.17	82.99	0.39	5.44	65.4	2.22	Clear
8:45 AM	15.56	100.00	0.5	2.0	18.24	82.97	0.41	5.39	124.7	2.11	Clear
8:50 AM	15.56	100.00	0.5	2.5	18.26	83.34	0.39	5.38	135.4	2.27	Clear
8:55 AM	15.56	100.00	0.5	3.0	18.26	83.02	0.33	5.38	142.7	1.96	Clear
9:00 AM	15.56	100.00	0.5	3.5	18.28	82.98	0.32	5.39	146.0	1.96	Clear
9:05 AM	15.56	100.00	0.5	4.0	18.32	82.86	0.26	5.37	150.6	2.01	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-119	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE: W-119-2024-Q2-DUP
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-120	SAMPLE ID: W-120-2024-Q2	DATE: 4/10/2024 10:40:00 AM
TOTAL WELL DEPTH (feet) (A): 36.90	WATER TABLE DEPTH (feet) (B): 13.97	LENGTH OF WATER COLUMN (feet) (A-B): 22.93
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.74

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/10/2024 10:07:00 AM	PURGING END TIME: 4/10/2024 10:37:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:07 AM	13.97	100.00	0.0	0.0	20.90	135.79	1.36	5.80	123.2	43.03	Clear
10:12 AM	14.13	100.00	0.5	0.5	20.50	152.47	0.47	5.95	165.3	0.00	Clear
10:17 AM	14.14	100.00	0.5	1.0	20.35	149.30	0.28	5.94	180.0	0.00	Clear
10:22 AM	14.14	100.00	0.5	1.5	20.58	146.49	0.21	5.94	187.7	0.00	Clear
10:27 AM	14.14	100.00	0.5	2.0	20.54	146.82	0.50	5.93	189.4	0.00	Clear
10:32 AM	14.14	100.00	0.5	2.5	20.63	144.22	0.40	5.90	191.2	0.00	Clear
10:37 AM	14.14	100.00	0.5	3.0	20.58	141.75	0.47	5.89	194.2	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-120	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-121	SAMPLE ID: W-121-2024-Q2	DATE: 4/10/2024 9:45:00 AM
TOTAL WELL DEPTH (feet) (A): 25.25	WATER TABLE DEPTH (feet) (B): 14.07	LENGTH OF WATER COLUMN (feet) (A-B): 11.18
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 12.00 - 22.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.82

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/10/2024 8:52:00 AM	PURGING END TIME: 4/10/2024 9:42:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:52 AM	14.07	100.00	0.0	0.0	17.77	73.89	4.80	5.31	182.8	0.00	Clear
8:57 AM	14.22	100.00	0.5	0.5	18.28	63.53	2.85	5.21	221.2	1.74	Clear
9:02 AM	14.20	100.00	0.5	1.0	18.42	63.90	2.80	5.22	239.0	0.00	Clear
9:07 AM	14.21	100.00	0.5	1.5	18.54	63.85	2.68	5.22	251.8	0.21	Clear
9:12 AM	14.21	100.00	0.5	2.0	18.61	64.24	2.57	5.21	266.6	0.00	Clear
9:17 AM	14.21	100.00	0.5	2.5	18.70	64.37	2.53	5.21	273.3	5.79	Clear
9:22 AM	14.22	100.00	0.5	3.0	18.77	66.04	2.20	5.20	276.0	0.00	Clear
9:27 AM	14.22	100.00	0.5	3.5	18.76	65.95	2.32	5.20	283.9	0.00	Clear
9:32 AM	14.22	100.00	0.5	4.0	18.87	66.35	2.19	5.20	295.3	0.03	Clear
9:37 AM	14.22	100.00	0.5	4.5	19.20	67.60	2.06	5.18	295.9	0.00	Clear
9:42 AM	14.22	100.00	0.5	5.0	19.62	67.88	2.04	5.16	302.5	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-121	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-122	SAMPLE ID: W-122-2024-Q2	DATE: 4/8/2024 10:11:00 AM
TOTAL WELL DEPTH (feet) (A): 33.04	WATER TABLE DEPTH (feet) (B): 8.19	LENGTH OF WATER COLUMN (feet) (A-B): 24.85
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.00 - 30.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.06

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/8/2024 9:38:00 AM	PURGING END TIME: 4/8/2024 10:08:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:38 AM	8.19	80.00	0.0	0.0	18.92	42.821	2.33	5.89	158.1	26.33	Clear
9:43 AM	8.52	80.00	0.4	0.4	18.97	37.12	1.22	5.85	166.9	31.51	Clear
9:48 AM	8.55	80.00	0.4	0.8	18.93	37.07	1.04	5.85	148.4	30.53	Clear
9:53 AM	8.56	80.00	0.4	1.2	19.04	37.07	0.97	5.85	145.0	19.53	Clear
9:58 AM	8.56	80.00	0.4	1.6	19.08	36.99	0.81	5.84	142.0	16.59	Clear
10:03 AM	8.56	80.00	0.4	2.0	19.31	37.05	0.76	5.83	140.8	10.52	Clear
10:08 AM	8.56	80.00	0.4	2.4	19.49	37.00	0.65	5.83	141.0	6.98	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-122	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE: W-122-2024-Q2-DUP
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-123	SAMPLE ID: W-123-2024-Q2	DATE: 4/3/2024 1:08:00 PM
TOTAL WELL DEPTH (feet) (A): 34.55	WATER TABLE DEPTH (feet) (B): 13.02	LENGTH OF WATER COLUMN (feet) (A-B): 21.53
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.51

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/3/2024 12:20:00 PM	PURGING END TIME: 4/3/2024 1:05:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:20 PM	13.02	100.00	0.0	0.0	20.91	1268.34	0.83	7.82	76.9	0.00	Clear
12:25 PM	13.25	100.00	0.5	0.5	20.85	1269.57	0.80	7.85	84.6	0.00	Clear
12:30 PM	13.28	100.00	0.5	1.0	20.82	1269.25	0.48	7.85	92.1	0.00	Clear
12:35 PM	13.29	100.00	0.5	1.5	21.00	1299.72	0.36	7.84	-29.5	0.00	Clear
12:40 PM	13.29	100.00	0.5	2.0	20.96	1299.97	0.28	7.85	12.5	0.00	Clear
12:45 PM	13.30	100.00	0.5	2.5	21.06	1297.94	0.23	7.85	47.0	0.00	Clear
12:50 PM	13.30	100.00	0.5	3.0	21.09	1299.91	0.20	7.86	60.3	0.64	Clear
12:55 PM	13.30	100.00	0.5	3.5	20.95	1301.27	0.18	7.86	71.3	2.63	Clear
1:00 PM	13.30	100.00	0.5	4.0	20.93	1304.74	0.18	7.87	76.5	4.59	Clear
1:05 PM	13.30	100.00	0.5	4.5	20.89	1304.19	0.16	7.88	81.2	6.19	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-123	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-124	SAMPLE ID: W-124-2024-Q2	DATE: 4/18/2024 9:50:00 AM
TOTAL WELL DEPTH (feet) (A): 33.55	WATER TABLE DEPTH (feet) (B): 9.10	LENGTH OF WATER COLUMN (feet) (A-B): 24.45
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 26.00 - 31.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.99

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/18/2024 8:57:00 AM	PURGING END TIME: 4/18/2024 9:47:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:57 AM	9.10	100.00	0.0	0.0	17.18	117.88	1.31	5.48	129.7	117.24	Light brown
9:02 AM	9.12	100.00	0.5	0.5	17.10	119.93	0.32	5.57	116.2	34.73	Clear
9:07 AM	9.12	100.00	0.5	1.0	17.22	123.68	0.24	5.68	83.1	38.00	Clear
9:12 AM	9.12	100.00	0.5	1.5	17.65	124.09	0.20	5.70	74.9	23.06	Clear
9:17 AM	9.12	100.00	0.5	2.0	17.87	124.89	0.18	5.71	64.8	23.02	Clear
9:22 AM	9.12	100.00	0.5	2.5	18.17	125.49	0.17	5.72	58.3	25.72	Clear
9:27 AM	9.12	100.00	0.5	3.0	18.37	125.18	0.15	5.72	52.8	17.57	Clear
9:32 AM	9.12	100.00	0.5	3.5	18.55	124.94	0.13	5.72	53.3	30.40	Clear
9:37 AM	9.12	100.00	0.5	4.0	18.74	122.88	0.14	5.68	54.4	19.41	Clear
9:42 AM	9.12	100.00	0.5	4.5	19.02	123.45	0.15	5.68	50.6	16.32	Clear
9:47 AM	9.12	100.00	0.5	5.0	19.18	123.06	0.14	5.68	46.5	15.55	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-124	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-125	SAMPLE ID: W-125-2024-Q2	DATE: 4/17/2024 8:44:00 AM
TOTAL WELL DEPTH (feet) (A): 47.45	WATER TABLE DEPTH (feet) (B): 9.38	LENGTH OF WATER COLUMN (feet) (A-B): 38.07
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 40.00 - 45.00 ft	CALCULATED SYSTEM VOLUME (gallons): 6.21

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 42.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/17/2024 8:21:00 AM	PURGING END TIME: 4/17/2024 8:41:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:21 AM	9.38	100.00	0.0	0.0	17.11	355.15	0.73	7.02	92.4	1.72	Clear
8:26 AM	9.38	100.00	0.5	0.5	17.16	356.19	0.44	7.02	90.4	0.22	Clear
8:31 AM	9.38	100.00	0.5	1.0	17.14	356.33	0.38	7.03	89.3	0.29	Clear
8:36 AM	9.38	100.00	0.5	1.5	17.20	356.58	0.30	7.02	88.3	0.00	Clear
8:41 AM	9.38	100.00	0.5	2.0	17.24	356.62	0.28	7.02	85.5	0.01	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-125	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Heron Dipper-T # 82050075	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-126	SAMPLE ID: W-126-2024-Q2	DATE: 4/17/2024 3:00:00 PM
TOTAL WELL DEPTH (feet) (A): 46.53	WATER TABLE DEPTH (feet) (B): 7.57	LENGTH OF WATER COLUMN (feet) (A-B): 38.96
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 37.50 - 42.50 ft	CALCULATED SYSTEM VOLUME (gallons): 6.36

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 44.03	FINAL PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded	PURGING START TIME: 4/17/2024 2:25:00 PM	PURGING END TIME: 4/17/2024 2:58:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:28 PM	7.58		0.0	0.0	20.48	163.74	1.44	6.38	19.0	54.34	Clear
2:33 PM	7.58	160.00	0.8	0.8	19.28	203.00	0.30	6.38	-37.5	67.66	Clear
2:38 PM	7.58	120.00	0.6	1.4	19.27	206.11	0.19	6.39	-48.1	54.08	Clear
2:43 PM	7.58	120.00	0.6	2.0	19.67	203.99	0.18	6.41	-55.6	37.71	Clear
2:48 PM	7.58	120.00	0.6	2.6	19.76	201.17	0.18	6.42	-59.4	33.59	Clear
2:53 PM	7.58	120.00	0.6	3.2	19.59	202.07	0.14	6.42	-59.8	33.39	Clear
2:58 PM	7.58	120.00	0.6	3.8	19.96	207.50	0.09	6.41	-60.7	35.06	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-126	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): Not Recorded		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 518784 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride,Nitrate	PACE-SC-WCOL
3	40 ml	VOA vial	HCL	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-RW1	SAMPLE ID: W-RW1-2024-Q4	DATE: 10/4/2024 9:35:00 AM
TOTAL WELL DEPTH (feet) (A): 33.20	WATER TABLE DEPTH (feet) (B): 8.43	LENGTH OF WATER COLUMN (feet) (A-B): 24.77
CASING DIAMETER / MATL: 4 in, STEEL	WELL SCREEN INTERVAL DEPTH: 22.00 - 32.00 ft	CALCULATED SYSTEM VOLUME (gallons): 16.17

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.2	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.2	PURGING START TIME: 10/4/2024 8:54:00 AM	PURGING END TIME: 10/4/2024 9:33:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:13 AM	8.43	120	0.00	0.00	23.27	87.39	5.53	5.76	205.9	0.00	Clear
9:18 AM	8.43	120	0.60	0.60	23.65	78.43	4.86	5.67	224.2	0.00	Clear
9:23 AM	8.43	140	0.70	1.30	23.64	78.36	4.80	5.66	233.2	0.00	Clear
9:28 AM	8.43	140	0.70	2.00	23.59	78.33	4.76	5.66	238.8	0.00	Clear
9:33 AM	8.43	140	0.70	2.70	23.64	78.40	4.74	5.67	242.4	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-RW1	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 28.2		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-RW2	SAMPLE ID: W-RW2-2024-Q4	DATE: 10/10/2024 2:35:00 PM
TOTAL WELL DEPTH (feet) (A): 31.29	WATER TABLE DEPTH (feet) (B): 18.06	LENGTH OF WATER COLUMN (feet) (A-B): 13.23
CASING DIAMETER / MATL: 4 in, STEEL	WELL SCREEN INTERVAL DEPTH: 18.50 - 28.50 ft	CALCULATED SYSTEM VOLUME (gallons): 8.64

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.29	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.29	PURGING START TIME: 10/10/2024 2:05:00 PM	PURGING END TIME: 10/10/2024 2:30:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:10 PM	18.25	80	0.40	0.40	22.12	179.36	2.37	5.35	270.6	4.24	Clear
2:15 PM	18.25	80	0.40	0.80	22.06	179.83	1.30	5.33	288.2	5.72	Clear
2:20 PM	18.25	80	0.40	1.20	21.95	179.93	1.09	5.34	294.0	4.56	Clear
2:25 PM	18.25	80	0.40	1.60	21.87	179.72	1.01	5.34	297.8	4.71	Clear
2:30 PM	18.25	80	0.40	2.00	21.81	180.09	0.98	5.33	301.8	4.49	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-RW2	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 26.29		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-3A	SAMPLE ID: W-3A-2024-Q4	DATE: 10/17/2024 10:55:00 AM
TOTAL WELL DEPTH (feet) (A): 85.20	WATER TABLE DEPTH (feet) (B): 5.74	LENGTH OF WATER COLUMN (feet) (A-B): 79.46
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 73.00 - 83.00 ft	CALCULATED SYSTEM VOLUME (gallons): 12.97

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 80.2	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 80.2	PURGING START TIME: 10/17/2024 10:20:00 AM	PURGING END TIME: 10/17/2024 10:50:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:25 AM	5.79	100	0.50	0.50	17.92	27.92	0.68	4.64	98.2	101.40	Light brown
10:30 AM	5.80	100	0.50	1.00	17.99	27.54	0.33	4.67	118.0	64.69	Clear
10:35 AM	5.80	100	0.50	1.50	18.22	27.47	0.24	4.66	124.2	29.24	Clear
10:40 AM	5.80	100	0.50	2.00	18.29	27.34	0.18	4.66	130.2	16.08	Clear
10:45 AM	5.80	100	0.50	2.50	18.23	27.34	0.15	4.67	131.8	10.76	Clear
10:50 AM	5.80	100	0.50	3.00	18.29	27.32	0.13	4.67	132.9	6.32	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-3A	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 80.2		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-4R	SAMPLE ID: W-4R-2024-Q4	DATE: 10/17/2024 12:10:00 PM
TOTAL WELL DEPTH (feet) (A): 17.31	WATER TABLE DEPTH (feet) (B): 9.77	LENGTH OF WATER COLUMN (feet) (A-B): 7.54
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 4.50 - 14.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.23

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.31	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.31	PURGING START TIME: 10/17/2024 11:35:00 AM	PURGING END TIME: 10/17/2024 12:05:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:40 AM	9.95	100	0.50	0.50	18.70	147.91	2.26	5.40	122.3	7.05	Clear
11:45 AM	9.99	100	0.50	1.00	19.52	147.62	2.06	5.43	129.4	2.96	Clear
11:50 AM	10.00	100	0.50	1.50	19.41	151.56	1.84	5.45	133.4	2.20	Clear
11:55 AM	10.01	100	0.50	2.00	19.59	154.89	1.66	5.46	134.1	2.25	Clear
12:00 PM	10.01	100	0.50	2.50	19.70	157.60	1.54	5.48	135.1	2.41	Clear
12:05 PM	10.01	100	0.50	3.00	19.71	159.22	1.40	5.49	135.2	2.33	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-4R	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.31		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-6	SAMPLE ID: W-6-2024-Q4	DATE: 10/3/2024 9:40:00 AM
TOTAL WELL DEPTH (feet) (A): 27.27	WATER TABLE DEPTH (feet) (B): 9.97	LENGTH OF WATER COLUMN (feet) (A-B): 17.30
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 23.00 - 28.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.82

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.77	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.77	PURGING START TIME: 10/3/2024 8:30:00 AM	PURGING END TIME: 10/3/2024 9:35:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:35 AM	10.68	100	0.50	0.50	23.62	2530.07	0.50	6.19	205.1	4.49	Clear
8:40 AM	10.91	100	0.50	1.00	23.97	2673.55	0.21	6.22	205.9	16.55	Clear
8:45 AM	11.22	100	0.50	1.50	23.92	2760.29	0.17	6.24	204.7	52.58	Light brown
8:50 AM	11.32	100	0.50	2.00	23.86	2784.51	0.16	6.24	204.3	77.09	Light brown
8:55 AM	11.38	100	0.50	2.50	23.88	2812.24	0.14	6.24	203.2	112.29	Light brown
9:00 AM	11.41	100	0.50	3.00	23.76	2775.68	0.12	6.23	202.7	159.88	Light brown
9:05 AM	11.42	100	0.50	3.50	24.05	2788.17	0.13	6.23	200.9	240.79	Light brown
9:10 AM	11.42	100	0.50	4.00	24.13	2808.24	0.13	6.24	198.1	191.11	Light brown
9:15 AM	11.42	100	0.50	4.50	24.24	2805.01	0.12	6.24	195.2	251.04	Light brown
9:20 AM	11.42	100	0.50	5.00	24.30	2803.58	0.12	6.25	195.4	271.59	Light brown
9:25 AM	11.42	100	0.50	5.50	24.36	2843.55	0.11	6.26	194.2	337.96	Light brown
9:30 AM	11.42	100	0.50	6.00	24.35	2850.33	0.11	6.27	193.7	371.97	Light brown
9:35 AM	11.42	100	0.50	6.50	24.22	2902.05	0.11	6.28	185.5	29.85	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-6	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 24.77		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS: Reported turbidity increased higher than apparent turbidity. Cleaned turbidity sensor prior to purging next well.		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-7A	SAMPLE ID: W-7A-2024-Q4	DATE: 10/1/2024 11:57:00 AM
TOTAL WELL DEPTH (feet) (A): 20.09	WATER TABLE DEPTH (feet) (B): 11.17	LENGTH OF WATER COLUMN (feet) (A-B): 8.92
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 13.00 - 18.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.46

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.59	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.59	PURGING START TIME: 10/1/2024 11:16:00 AM	PURGING END TIME: 10/1/2024 11:53:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:18 AM	11.45	180	0.00	0.00	33.01	0.05	6.99	6.49	123.4	0.00	Clear
11:23 AM	11.71	180	0.90	0.90	23.51	2316.91	0.32	6.96	130.2	0.00	Clear
11:28 AM	11.67	140	0.70	1.60	23.79	2319.78	0.24	6.96	134.5	2.20	Clear
11:33 AM	11.66	140	0.70	2.30	23.49	2316.35	0.18	6.97	136.5	13.71	Clear
11:38 AM	11.67	140	0.70	3.00	23.48	2317.35	0.14	6.97	137.8	23.64	Clear
11:43 AM	11.66	120	6.00	9.00	23.56	2317.16	0.13	6.98	138.1	19.22	Clear
11:48 AM	11.66	120	6.00	15.00	23.44	2305.69	0.12	6.98	138.9	18.11	Clear
11:53 AM	11.66	120	6.00	21.00	23.55	2308.16	0.13	6.98	142.2	0.00	

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-7A	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 17.59		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-10	SAMPLE ID: W-10-2024-Q4	DATE: 10/1/2024 10:16:00 AM
TOTAL WELL DEPTH (feet) (A): 22.21	WATER TABLE DEPTH (feet) (B): 15.25	LENGTH OF WATER COLUMN (feet) (A-B): 6.96
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 17.50 - 22.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.14

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.71	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.71	PURGING START TIME: 10/1/2024 9:40:00 AM	PURGING END TIME: 10/1/2024 10:12:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:46 AM	15.30	160	0.00	0.00	25.63	336.90	1.50	5.97	156.6	0.00	Clear
9:51 AM	15.60	160	0.80	0.80	23.99	324.43	0.45	6.01	167.3	0.00	Clear
9:56 AM	15.65	100	0.50	1.30	23.91	343.22	0.30	6.10	168.6	0.00	Clear
10:01 AM	15.65	100	0.50	1.80	23.70	355.31	0.26	6.13	169.5	0.00	Clear
10:06 AM	15.65	100	0.50	2.30	23.72	364.88	0.29	6.15	170.0	0.00	Clear
10:12 AM	15.65	100	0.50	2.80	23.53	369.96	0.24	6.17	171.1	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-10	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 19.71		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-11	SAMPLE ID: W-11-2024-Q4	DATE: 10/1/2024 11:00:00 AM
TOTAL WELL DEPTH (feet) (A): 27.23	WATER TABLE DEPTH (feet) (B): 17.72	LENGTH OF WATER COLUMN (feet) (A-B): 9.51
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 22.00 - 25.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.55

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.73	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.73	PURGING START TIME: 10/1/2024 9:50:00 AM	PURGING END TIME: 10/1/2024 10:55:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:55 AM	18.90	80	0.40	0.40	23.48	200.34	0.56	5.63	212.4	4.13	Clear
10:00 AM	19.56	80	0.40	0.80	23.50	198.98	0.33	5.59	216.0	4.14	Clear
10:05 AM	20.04	80	0.40	1.20	23.36	198.57	0.28	5.59	215.5	4.17	Clear
10:10 AM	20.65	80	0.40	1.60	23.32	198.28	0.27	5.56	216.1	4.07	Clear
10:15 AM	21.09	80	0.40	2.00	23.52	198.35	0.38	5.58	216.4	4.07	Clear
10:20 AM	21.32	80	0.40	2.40	23.79	224.09	1.03	5.55	106.9	5.18	Clear
10:25 AM	21.60	80	0.40	2.80	23.71	224.35	0.70	5.59	132.9	6.29	Clear
10:30 AM	21.87	80	0.40	3.20	23.59	229.18	0.38	5.60	168.5	5.00	Clear
10:35 AM	22.04	80	0.40	3.60	23.53	236.35	0.32	5.58	182.9	4.20	Clear
10:40 AM	22.25	80	0.40	4.00	23.57	239.88	0.27	5.57	196.1	6.10	Clear
10:45 AM	22.48	80	0.40	4.40	23.51	240.76	0.24	5.57	202.9	4.06	Clear
10:50 AM	22.70	80	0.40	4.80	23.44	258.12	0.24	5.55	208.0	4.20	Clear
10:55 AM	22.89	80	0.40	5.20	23.41	249.21	0.24	5.53	210.8	4.27	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-11	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 25.73		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Geotech WLM # 5757	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-13R	SAMPLE ID: W-13R-2024-Q4	DATE: 10/1/2024 2:55:00 PM
TOTAL WELL DEPTH (feet) (A): 20.21	WATER TABLE DEPTH (feet) (B): 11.79	LENGTH OF WATER COLUMN (feet) (A-B): 8.42
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.37

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.71	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.71	PURGING START TIME: 10/1/2024 2:25:00 PM	PURGING END TIME: 10/1/2024 2:50:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:30 PM	11.79	100	0.50	0.50	25.83	686.24	1.03	6.21	169.3	16.84	Clear
2:35 PM	11.79	100	0.50	1.00	25.11	693.51	0.20	6.20	178.0	14.54	Clear
2:40 PM	11.79	100	0.50	1.50	25.11	700.88	0.17	6.26	178.3	11.78	Clear
2:45 PM	11.79	100	0.50	2.00	25.05	694.93	0.14	6.26	179.1	12.13	Clear
2:50 PM	11.79	100	0.50	2.50	25.13	692.43	0.12	6.26	179.1	13.03	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-13R	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 17.71		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Geotech WLM # 5757	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-14	SAMPLE ID: W-14-2024-Q4	DATE: 10/16/2024 10:25:00 AM
TOTAL WELL DEPTH (feet) (A): 30.48	WATER TABLE DEPTH (feet) (B): 16.56	LENGTH OF WATER COLUMN (feet) (A-B): 13.92
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 24.00 - 29.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.27

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.98	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.98	PURGING START TIME: 10/16/2024 9:50:00 AM	PURGING END TIME: 10/16/2024 10:20:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:55 AM	16.60	80	0.40	0.40	17.62	97.38	2.67	5.93	180.5	11.53	Clear
10:00 AM	16.60	80	0.40	0.80	17.99	74.07	2.58	5.82	193.3	0.00	Clear
10:05 AM	16.60	80	0.40	1.20	18.40	70.74	2.46	5.78	182.6	0.00	Clear
10:10 AM	16.60	80	0.40	1.60	18.49	71.22	2.39	5.81	164.0	5.08	Clear
10:15 AM	16.60	80	0.40	2.00	18.42	71.79	2.35	5.83	157.5	0.00	Clear
10:20 AM	16.60	80	0.40	2.40	18.44	71.17	2.31	5.83	155.5	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-14	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 27.98		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 1027329 WL/int meter: Geotech # 17.04	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-15	SAMPLE ID: W-15-2024-Q4	DATE: 10/14/2024 1:47:00 PM
TOTAL WELL DEPTH (feet) (A): 21.80	WATER TABLE DEPTH (feet) (B): 11.42	LENGTH OF WATER COLUMN (feet) (A-B): 10.38
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.50 - 20.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.69

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.3	PURGING START TIME: 10/14/2024 1:08:00 PM	PURGING END TIME: 10/14/2024 1:45:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:10 PM	11.55	140	0.00	0.00	24.62	461.97	4.96	6.68	-62.0	0.00	Clear
1:15 PM	11.55	140	0.70	0.70	23.79	477.17	0.28	5.87	115.6	0.00	Clear
1:20 PM	11.55	140	0.70	1.40	23.73	477.48	0.18	5.86	127.2	0.00	Clear
1:25 PM	11.58	140	0.70	2.10	23.78	487.33	0.14	5.88	139.0	2.14	Clear
1:30 PM	11.58	140	0.70	2.80	23.83	545.59	0.12	6.03	135.7	6.49	Clear
1:35 PM	11.58	140	0.70	3.50	23.81	557.59	0.11	6.06	142.4	12.44	Clear
1:40 PM	11.58	140	0.70	4.20	23.72	561.25	0.10	6.06	146.8	13.18	Clear
1:45 PM	11.58	140	0.70	4.90	23.62	558.55	0.10	6.06	151.7	18.14	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-15	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 19.3		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll600 # WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-16	SAMPLE ID: W-16-2024-Q4	DATE: 10/16/2024 11:50:00 AM
TOTAL WELL DEPTH (feet) (A): 13.50	WATER TABLE DEPTH (feet) (B): 4.17	LENGTH OF WATER COLUMN (feet) (A-B): 9.33
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 14.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.52

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING START TIME: 10/16/2024 11:10:00 AM	PURGING END TIME: 10/16/2024 11:45:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:15 AM	6.09	100	0.50	0.50	20.45	136.11	1.57	6.66	66.2	20.86	Clear
11:20 AM	6.59	100	0.50	1.00	20.25	136.35	1.48	6.66	58.0	20.31	Clear
11:25 AM	7.08	100	0.50	1.50	20.41	136.78	1.19	6.68	43.6	26.12	Clear
11:30 AM	7.25	100	0.50	2.00	20.20	136.71	0.87	6.71	35.1	16.34	Clear
11:35 AM	7.30	100	0.50	2.50	19.98	138.47	0.32	6.69	29.1	13.85	Clear
11:40 AM	7.30	100	0.50	3.00	19.94	139.48	0.20	6.69	25.7	18.44	Clear
11:45 AM	7.30	100	0.50	3.50	20.00	142.90	0.22	6.70	20.3	17.30	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-16	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 17.04	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-17	SAMPLE ID: W-17-2024-Q4	DATE: 10/10/2024 9:45:00 AM
TOTAL WELL DEPTH (feet) (A): 29.63	WATER TABLE DEPTH (feet) (B): 13.79	LENGTH OF WATER COLUMN (feet) (A-B): 15.84
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 23.00 - 28.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.58

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.13	PURGING START TIME: 10/10/2024 8:51:00 AM	PURGING END TIME: 10/10/2024 9:43:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:53 AM	13.88	0	0.00	0.00	20.93	544.65	2.74	6.73	36.6	0.00	Clear
8:58 AM	13.90	100	0.50	0.50	21.19	601.57	0.76	6.80	77.8	0.00	Clear
9:03 AM	13.92	120	0.60	1.10	21.32	601.90	0.41	6.80	93.2	0.00	Clear
9:08 AM	13.92	120	0.60	1.70	21.35	566.82	0.29	6.73	104.4	0.00	Clear
9:13 AM	13.95	120	0.60	2.30	21.42	544.89	0.22	6.72	111.4	0.00	Clear
9:18 AM	13.95	120	0.60	2.90	21.59	526.64	0.19	6.68	116.8	0.00	Clear
9:23 AM	13.95	120	0.60	3.50	21.79	509.88	0.17	6.64	121.1	0.00	Clear
9:28 AM	13.95	120	0.60	4.10	21.81	483.91	0.17	6.60	124.5	4.02	Clear
9:33 AM	13.95	120	0.60	4.70	22.03	483.99	0.15	6.59	126.7	11.63	Clear
9:38 AM	13.95	120	0.60	5.30	22.15	477.12	0.14	6.57	129.4	21.01	Clear
9:43 AM	13.95	120	0.60	5.90	22.29	477.23	0.15	6.55	131.7	2.03	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-17	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 27.13		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-18R	SAMPLE ID: W-18R-2024-Q4	DATE: 10/3/2024 2:50:00 PM
TOTAL WELL DEPTH (feet) (A): 27.22	WATER TABLE DEPTH (feet) (B): 11.00	LENGTH OF WATER COLUMN (feet) (A-B): 16.22
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 22.50 - 27.50 ft	CALCULATED SYSTEM VOLUME (gallons): 2.65

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.72	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.72	PURGING START TIME: 10/3/2024 1:40:00 PM	PURGING END TIME: 10/3/2024 2:45:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:45 PM	12.18	100	0.50	0.50	26.46	1816.48	0.71	6.76	113.1	4.59	Clear
1:50 PM	12.58	100	0.50	1.00	26.60	1664.92	0.81	6.83	127.3	4.49	Clear
1:55 PM	12.83	100	0.50	1.50	26.16	1647.37	1.14	6.93	131.9	5.39	Clear
2:00 PM	13.03	100	0.50	2.00	26.26	1772.70	1.28	6.99	132.9	5.67	Clear
2:05 PM	13.25	100	0.50	2.50	25.91	1838.11	1.25	7.01	134.2	4.32	Clear
2:10 PM	13.40	100	0.50	3.00	26.10	2082.15	1.09	7.05	134.5	4.39	Clear
2:15 PM	13.47	100	0.50	3.50	26.23	2229.30	0.97	7.07	134.4	4.38	Clear
2:20 PM	13.51	100	0.50	4.00	26.21	2364.68	0.86	7.09	134.4	4.34	Clear
2:25 PM	13.56	100	0.50	4.50	26.22	2568.32	0.70	7.12	135.2	5.28	Clear
2:30 PM	13.58	100	0.50	5.00	26.15	2570.89	0.65	7.14	134.5	5.03	Clear
2:35 PM	13.60	100	0.50	5.50	26.12	2734.36	0.62	7.16	133.6	18.79	Clear
2:40 PM	13.61	100	0.50	6.00	26.28	2888.84	0.51	7.19	132.4	34.58	Clear
2:45 PM		100	0.50	6.50	26.46	2953.23	0.43	7.21	131.1	7.06	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-18R	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 24.72		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-19B	SAMPLE ID: W-19B-2024-Q4	DATE: 10/10/2024 9:15:00 AM
TOTAL WELL DEPTH (feet) (A): 42.92	WATER TABLE DEPTH (feet) (B): 25.06	LENGTH OF WATER COLUMN (feet) (A-B): 17.86
CASING DIAMETER / MATL: 4 in, PVC	WELL SCREEN INTERVAL DEPTH: 30.50 - 40.50 ft	CALCULATED SYSTEM VOLUME (gallons): 11.66

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 37.92	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 37.92	PURGING START TIME: 10/10/2024 8:40:00 AM	PURGING END TIME: 10/10/2024 9:10:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:45 AM	25.09	100	0.50	0.50	17.67	75.89	4.23	5.52	201.8	3.45	Clear
8:50 AM	25.09	100	0.50	1.00	17.82	75.63	3.90	5.53	227.1	3.41	Clear
8:55 AM	25.09	100	0.50	1.50	17.91	75.45	3.74	5.52	236.5	3.50	Clear
9:00 AM	25.09	100	0.50	2.00	18.09	75.36	3.66	5.50	245.2	3.43	Clear
9:05 AM	25.09	100	0.50	2.50	18.28	75.15	3.60	5.48	248.9	3.47	Clear
9:10 AM	25.09	100	0.50	3.00	18.65	74.87	3.52	5.47	251.5	3.57	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-19B	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 37.92		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-20	SAMPLE ID: W-20-2024-Q4	DATE: 10/18/2024 9:00:00 AM
TOTAL WELL DEPTH (feet) (A): 16.33	WATER TABLE DEPTH (feet) (B): 7.05	LENGTH OF WATER COLUMN (feet) (A-B): 9.28
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.51

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.83	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.83	PURGING START TIME: 10/18/2024 8:10:00 AM	PURGING END TIME: 10/18/2024 8:55:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:15 AM	7.06	100	0.50	0.50	13.72	110.32	0.60	5.02	140.5	22.06	Clear
8:20 AM	7.06	100	0.50	1.00	14.84	110.13	0.35	5.03	148.3	23.07	Clear
8:25 AM	7.06	100	0.50	1.50	15.62	113.26	0.28	5.01	150.8	24.41	Clear
8:30 AM	7.06	100	0.50	2.00	16.57	116.93	0.20	4.98	142.9	21.04	Clear
8:35 AM	7.06	100	0.50	2.50	16.73	118.93	0.17	4.95	139.0	6.78	Clear
8:40 AM	7.06	100	0.50	3.00	17.49	118.99	0.15	4.96	141.0	5.34	Clear
8:45 AM	7.06	100	0.50	3.50	18.16	118.58	0.13	4.97	144.0	3.21	Clear
8:50 AM	7.06	100	0.50	4.00	18.42	118.11	0.12	4.99	145.2	3.20	Clear
8:55 AM	7.06	100	0.50	4.50	18.60	118.78	0.11	5.00	146.8	2.53	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-20	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13.83		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-22	SAMPLE ID: W-22-2024-Q4	DATE: 10/3/2024 11:15:00 AM
TOTAL WELL DEPTH (feet) (A): 14.49	WATER TABLE DEPTH (feet) (B): 10.23	LENGTH OF WATER COLUMN (feet) (A-B): 4.26
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.70

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11.99	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11.99	PURGING START TIME: 10/3/2024 10:15:00 AM	PURGING END TIME: 10/3/2024 11:10:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:20 AM	10.44	100	0.50	0.50	25.92	510.34	0.44	5.42	203.6	12.04	Clear
10:25 AM	10.45	100	0.50	1.00	25.65	548.14	0.29	5.49	88.0	4.72	Clear
10:30 AM	10.46	100	0.50	1.50	25.78	588.25	0.32	5.51	129.2	4.83	Clear
10:35 AM	10.46	100	0.50	2.00	25.87	601.08	0.31	5.51	156.1	4.21	Clear
10:40 AM	10.46	100	0.50	2.50	25.83	615.60	0.27	5.52	186.9	4.17	Clear
10:45 AM	10.46	100	0.50	3.00	25.92	617.49	0.27	5.53	196.7	4.05	Clear
10:50 AM	10.46	100	0.50	3.50	25.94	625.23	0.24	5.53	205.8	4.12	Clear
10:55 AM	10.46	100	0.50	4.00	26.06	643.76	0.23	5.55	217.4	4.11	Clear
11:00 AM	10.46	100	0.50	4.50	25.97	640.51	0.21	5.56	221.8	4.13	Clear
11:05 AM	10.46	100	0.50	5.00	25.87	641.39	0.20	5.56	227.8	4.08	Clear
11:10 AM	10.46	100	0.50	5.50	26.06	652.61	0.19	5.57	229.4	4.10	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-22	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 11.99		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-23R	SAMPLE ID: W-23R-2024-Q4	DATE: 10/15/2024 9:15:00 AM
TOTAL WELL DEPTH (feet) (A): 23.90	WATER TABLE DEPTH (feet) (B): 19.10	LENGTH OF WATER COLUMN (feet) (A-B): 4.80
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 16.00 - 21.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.78

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.4	PURGING START TIME: 10/15/2024 8:20:00 AM	PURGING END TIME: 10/15/2024 9:10:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:20 AM	19.15	80	0.40	0.40	18.92	60.19	4.96	5.61	183.9	21.55	Clear
8:25 AM	19.18	80	0.40	0.80	18.72	60.01	2.98	5.33	250.0	16.64	Clear
8:30 AM	19.19	80	0.40	1.20	40.39	59.66	1.75	5.33	279.0	15.97	Clear
8:35 AM	19.19	80	0.40	1.60	17.74	49.55	3.66	5.26	284.6	3.47	Clear
8:40 AM	19.19	80	0.40	2.00	17.48	49.50	3.79	5.21	303.9	3.51	Clear
8:45 AM	19.19	80	0.40	2.40	17.36	52.15	3.82	5.16	248.9	5.05	Clear
8:50 AM	19.19	80	0.40	2.80	17.33	51.96	3.84	5.17	282.6	4.14	Clear
8:55 AM	19.19	80	0.40	3.20	17.24	52.09	3.82	5.16	291.9	4.19	Clear
9:00 AM	19.19	80	0.40	3.60	17.39	52.14	3.86	5.16	301.1	4.25	Clear
9:05 AM	19.19	80	0.40	4.00	17.39	52.12	3.80	5.16	307.7	4.30	Clear
9:10 AM	19.19	80	0.40	4.40	17.66	52.17	3.84	5.17	309.3	4.27	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-23R	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 21.4		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aqutroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-24	SAMPLE ID: W-24-2024-Q4	DATE: 10/16/2024 1:45:00 PM
TOTAL WELL DEPTH (feet) (A): 17.09	WATER TABLE DEPTH (feet) (B): 8.77	LENGTH OF WATER COLUMN (feet) (A-B): 8.32
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.36

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.59	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.59	PURGING START TIME: 10/16/2024 12:40:00 PM	PURGING END TIME: 10/16/2024 1:40:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:45 PM	8.77	100	0.50	0.50	20.63	38.65	3.11	5.23	14.7	2.94	Clear
12:50 PM	8.78	100	0.50	1.00	21.05	38.14	0.92	5.13	-26.8	4.16	Clear
12:55 PM	8.78	100	0.50	1.50	21.57	38.33	0.55	5.14	-43.7	4.33	Clear
1:00 PM	8.78	100	0.50	2.00	21.64	39.64	0.36	5.15	-50.9	6.76	Clear
1:05 PM	8.78	100	0.50	2.50	21.33	41.36	0.28	5.17	-53.6	5.96	Clear
1:10 PM	8.78	100	0.50	3.00	21.66	43.94	0.24	5.12	-52.8	5.02	Clear
1:15 PM	8.78	100	0.50	3.50	21.74	44.24	0.21	5.20	-56.5	6.54	Clear
1:20 PM	8.78	100	0.50	4.00	22.03	46.21	0.18	5.19	-56.0	5.73	Clear
1:25 PM	8.78	100	0.50	4.50	22.16	46.54	0.18	5.25	-57.1	5.63	Clear
1:30 PM	8.78	100	0.50	5.00	22.07	50.07	0.15	5.33	-53.9	4.39	Clear
1:35 PM	8.78	100	0.50	5.50	21.98	51.03	0.15	5.33	-52.2	4.18	Clear
1:40 PM	8.78	100	0.50	6.00	21.63	51.38	0.16	5.28	-48.2	4.54	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-24	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 14.59		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 17.04	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-25	SAMPLE ID: W-25-2024-Q4	DATE: 10/18/2024 12:35:00 PM
TOTAL WELL DEPTH (feet) (A): 28.77	WATER TABLE DEPTH (feet) (B): 7.67	LENGTH OF WATER COLUMN (feet) (A-B): 21.10
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 22.50 - 27.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.44

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 26.27	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 26.27	PURGING START TIME: 10/18/2024 11:25:00 AM	PURGING END TIME: 10/18/2024 12:30:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:30 AM	7.75	80	0.40	0.40	19.37	186.04	0.29	6.84	-46.0	58.36	Clear
11:35 AM	7.75	80	0.40	0.80	19.26	182.90	0.19	7.00	-48.3	47.01	Clear
11:40 AM	7.75	80	0.40	1.20	19.38	181.39	0.17	6.44	-48.4	51.23	Clear
11:45 AM	7.75	80	0.40	1.60	19.66	180.30	0.14	6.32	-49.9	35.59	Clear
11:50 AM	7.75	80	0.40	2.00	20.05	178.08	0.11	6.33	-50.3	36.48	Clear
11:55 AM	7.75	80	0.40	2.40	20.09	174.60	0.09	6.39	-51.7	44.28	Clear
12:00 PM	7.75	80	0.40	2.80	20.09	171.44	0.09	6.45	-53.0	38.16	Clear
12:05 PM	7.75	80	0.40	3.20	20.36	171.77	0.08	6.58	-54.8	45.71	Clear
12:10 PM	7.75	80	0.40	3.60	20.55	167.68	0.08	6.66	-57.3	32.00	Clear
12:15 PM	7.75	80	0.40	4.00	20.34	167.69	0.08	6.71	-60.5	27.14	Clear
12:20 PM	7.75	80	0.40	4.40	20.58	164.56	0.07	6.74	-62.3	27.35	Clear
12:25 PM	7.75	80	0.40	4.80	20.34	165.28	0.07	7.22	-62.8	23.67	Clear
12:30 PM	7.75	80	0.40	5.20	20.40	160.71	0.07	6.79	-61.3	20.99	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-25	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 26.27		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-26	SAMPLE ID: W-26-2024-Q4	DATE: 10/10/2024 2:08:00 PM
TOTAL WELL DEPTH (feet) (A): 32.22	WATER TABLE DEPTH (feet) (B): 24.73	LENGTH OF WATER COLUMN (feet) (A-B): 7.49
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.50 - 30.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.22

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.72	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.72	PURGING START TIME: 10/10/2024 1:38:00 PM	PURGING END TIME: 10/10/2024 2:06:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:41 PM	24.79	140	0.00	0.00	24.67	76.99	5.80	5.83	208.3	0.00	Clear
1:46 PM	24.79	140	0.70	0.70	20.05	170.52	1.29	5.86	218.3	0.00	Clear
1:51 PM	24.79	140	0.70	1.40	19.80	175.67	0.54	5.84	224.5	0.00	Clear
1:56 PM	24.79	140	0.70	2.10	19.74	183.91	0.32	5.83	229.8	0.00	Clear
2:01 PM	24.79	140	0.70	2.80	19.72	185.25	0.27	5.83	233.2	0.00	Clear
2:06 PM	24.79	140	0.70	3.50	19.71	185.68	0.26	5.83	234.7	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-26	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 29.72		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-27	SAMPLE ID: W-27-2024-Q4	DATE: 10/17/2024 8:55:00 AM
TOTAL WELL DEPTH (feet) (A): 16.33	WATER TABLE DEPTH (feet) (B): 9.89	LENGTH OF WATER COLUMN (feet) (A-B): 6.44
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.05

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.83	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.83	PURGING START TIME: 10/17/2024 8:05:00 AM	PURGING END TIME: 10/17/2024 8:50:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:10 AM	10.24	100	0.50	0.50	14.17	316.93	0.67	5.77	17.6	34.90	Clear
8:15 AM	10.24	100	0.50	1.00	15.22	324.68	0.45	5.80	1.0	19.83	Clear
8:20 AM	10.24	100	0.50	1.50	16.12	342.22	0.30	5.85	-20.6	34.22	Clear
8:25 AM	10.24	100	0.50	2.00	16.73	366.12	0.24	5.89	-43.4	26.67	Clear
8:30 AM	10.24	100	0.50	2.50	16.99	369.73	0.28	5.94	-48.0	21.74	Clear
8:35 AM	10.24	100	0.50	3.00	16.99	373.31	0.24	5.95	-49.2	21.14	Clear
8:40 AM	10.24	100	0.50	3.50	17.06	373.69	0.22	5.95	-50.1	13.80	Clear
8:45 AM	10.24	100	0.50	4.00	17.19	374.99	0.19	5.95	-51.3	8.87	Clear
8:50 AM	10.24	100	0.50	4.50	17.37	374.89	0.17	5.96	-52.9	8.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-27	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13.83		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-28	SAMPLE ID: W-28-2024-Q4	DATE: 10/2/2024 1:30:00 PM
TOTAL WELL DEPTH (feet) (A): 17.20	WATER TABLE DEPTH (feet) (B): 11.72	LENGTH OF WATER COLUMN (feet) (A-B): 5.48
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.89

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.7	PURGING START TIME: 10/2/2024 12:56:00 PM	PURGING END TIME: 10/2/2024 1:28:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:58 PM	11.78	180	0.00	0.00	31.40	498.01	6.19	6.56	123.9	0.00	Clear
1:03 PM	11.79	180	0.90	0.90	25.80	523.74	3.19	6.47	162.1	0.00	Clear
1:08 PM	11.79	180	0.90	1.80	25.81	527.16	2.95	6.45	178.7	0.00	Clear
1:13 PM	11.79	180	0.90	2.70	25.64	524.59	2.91	6.45	203.2	0.00	Clear
1:18 PM	11.79	180	0.90	3.60	25.51	527.52	2.95	6.46	212.0	0.00	Clear
1:23 PM	11.79	180	0.90	4.50	25.41	530.14	3.02	6.46	220.3	0.00	Clear
1:28 PM	11.79	180	0.90	5.40	25.77	533.29	2.86	6.46	219.7	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-28	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 14.7		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-29	SAMPLE ID: W-29-2024-Q4	DATE: 10/3/2024 12:44:00 PM
TOTAL WELL DEPTH (feet) (A): 15.50	WATER TABLE DEPTH (feet) (B): 11.46	LENGTH OF WATER COLUMN (feet) (A-B): 4.04
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 9.00 - 14.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.66

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING START TIME: 10/3/2024 12:20:00 PM	PURGING END TIME: 10/3/2024 12:42:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:22 PM	11.47	160	0.00	0.00	28.84	264.28	5.85	6.18	148.8	0.18	Clear
12:27 PM	11.48	160	0.80	0.80	25.33	310.97	0.43	6.12	175.7	0.00	Clear
12:32 PM	11.48	160	0.80	1.60	25.24	323.51	0.27	6.18	182.7	0.00	Clear
12:37 PM	11.48	160	0.80	2.40	25.27	329.39	0.21	6.20	186.3	0.00	Clear
12:42 PM	11.48	160	0.80	3.20	25.21	332.36	0.20	6.21	189.0	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-29	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-30	SAMPLE ID: W-30-2024-Q4	DATE: 10/3/2024 11:12:00 AM
TOTAL WELL DEPTH (feet) (A): 16.78	WATER TABLE DEPTH (feet) (B): 11.69	LENGTH OF WATER COLUMN (feet) (A-B): 5.09
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.83

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14.28	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14.28	PURGING START TIME: 10/3/2024 10:48:00 AM	PURGING END TIME: 10/3/2024 11:10:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:50 AM	11.71	120	0.00	0.00	30.68	2499.74	5.90	5.82	172.9	0.00	Clear
10:55 AM	11.71	120	0.60	0.60	26.53	2943.90	0.46	5.80	206.0	0.00	Clear
11:00 AM	11.71	140	0.70	1.30	26.12	2937.05	0.27	5.80	219.1	0.00	Clear
11:05 AM	11.71	140	0.70	2.00	26.00	2921.26	0.20	5.81	225.3	0.00	Clear
11:10 AM	11.71	140	0.70	2.70	26.18	2916.57	0.17	5.81	229.0	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-30	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 14.28		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-32	SAMPLE ID: W-32-2024-Q4	DATE: 10/1/2024 12:05:00 PM
TOTAL WELL DEPTH (feet) (A): 23.85	WATER TABLE DEPTH (feet) (B): 18.47	LENGTH OF WATER COLUMN (feet) (A-B): 5.38
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 17.00 - 22.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.88

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.35	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.35	PURGING START TIME: 10/1/2024 11:35:00 AM	PURGING END TIME: 10/1/2024 12:00:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:40 AM	18.51	80	0.40	0.40	24.25	1405.52	1.03	6.89	172.5	3.97	Clear
11:45 AM	18.57	80	0.40	0.80	24.05	1398.61	0.51	6.91	167.6	3.94	Clear
11:50 AM	18.56	80	0.40	1.20	24.13	1395.80	0.45	6.91	165.3	3.97	Clear
11:55 AM	18.56	80	0.40	1.60	23.80	1391.55	0.35	6.91	163.4	3.93	Clear
12:00 PM	18.56	80	0.40	2.00	23.72	1386.22	0.31	6.90	162.5	3.95	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-32	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 21.35		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Geotech WLM # 5757	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-33	SAMPLE ID: W-33-2024-Q4	DATE: 10/8/2024 3:04:00 PM
TOTAL WELL DEPTH (feet) (A): 21.32	WATER TABLE DEPTH (feet) (B): 15.09	LENGTH OF WATER COLUMN (feet) (A-B): 6.23
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.02

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18.82	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18.82	PURGING START TIME: 10/8/2024 2:30:00 PM	PURGING END TIME: 10/8/2024 3:02:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:32 PM	15.15	100	0.00	0.00	27.00	115.71	3.05	5.84	155.6	29.69	Clear
2:37 PM	15.15	100	0.50	0.50	22.64	120.80	0.98	5.86	190.3	8.77	Clear
2:42 PM	15.15	120	0.60	1.10	22.55	120.81	0.86	5.86	204.3	9.92	Clear
2:47 PM	15.15	120	0.60	1.70	22.43	120.80	0.49	5.88	211.5	17.72	Clear
2:52 PM	15.15	120	0.60	2.30	22.45	125.44	0.56	5.87	217.7	18.87	Clear
2:57 PM	15.15	120	0.60	2.90	22.42	128.57	0.65	5.88	221.1	13.83	Clear
3:02 PM	15.15	120	0.60	3.50	22.28	131.10	0.51	5.87	224.8	13.21	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-33	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 18.82		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-35	SAMPLE ID: W-35-2024-Q4	DATE: 10/7/2024 10:20:00 AM
TOTAL WELL DEPTH (feet) (A): 22.86	WATER TABLE DEPTH (feet) (B): 10.53	LENGTH OF WATER COLUMN (feet) (A-B): 12.33
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.50 - 20.50 ft	CALCULATED SYSTEM VOLUME (gallons): 2.01

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.36	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.36	PURGING START TIME: 10/7/2024 9:46:00 AM	PURGING END TIME: 10/7/2024 10:18:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:48 AM	10.55	140	0.00	0.00	23.06	121.66	7.51	7.01	99.6	0.00	Clear
9:53 AM	10.55	140	0.70	0.70	22.95	119.08	4.52	6.03	157.0		Clear
9:58 AM	10.55	140	0.70	1.40	22.98	118.85	4.56	6.04	174.7	0.00	Clear
10:03 AM	10.55	140	0.70	2.10	23.00	122.43	4.66	6.04	185.8	0.00	Clear
10:08 AM	10.55	140	0.70	2.80	23.04	122.94	4.69	6.05	192.2	0.00	Clear
10:13 AM	10.55	140	0.70	3.50	23.03	124.52	4.71	6.05	196.1	0.00	Clear
10:18 AM	10.55	140	0.70	4.20	23.04	124.40	4.73	6.04	199.7	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-35	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 20.36		DUPLICATE: W-35-2024-Q4-DUP
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-36	SAMPLE ID: W-36-2024-Q4	DATE: 10/7/2024 1:27:00 PM
TOTAL WELL DEPTH (feet) (A): 21.93	WATER TABLE DEPTH (feet) (B): 7.22	LENGTH OF WATER COLUMN (feet) (A-B): 14.71
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.40

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.43	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.43	PURGING START TIME: 10/7/2024 12:57:00 PM	PURGING END TIME: 10/7/2024 1:24:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:59 PM	7.55	140	0.70	0.70	27.14	43.94	5.57	5.92	142.2	0.00	Clear
1:04 PM	7.86	120	0.60	1.30	24.52	45.38	0.25	5.40	195.7	4.79	Clear
1:09 PM	7.95	120	0.60	1.90	23.96	45.95	0.17	5.36	208.8	0.89	Clear
1:14 PM	8.01	120	0.60	2.50	23.93	46.03	0.12	5.34	216.3	0.00	Clear
1:19 PM	8.01	120	0.60	3.10	23.95	45.64	0.10	5.36	220.8	2.41	Clear
1:24 PM	8.01	120	0.60	3.70	23.89	45.33	0.09	5.37	219.5	4.82	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-36	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 19.43		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-37	SAMPLE ID: W-37-2024-Q4	DATE: 10/7/2024 10:45:00 AM
TOTAL WELL DEPTH (feet) (A): 22.92	WATER TABLE DEPTH (feet) (B): 10.93	LENGTH OF WATER COLUMN (feet) (A-B): 11.99
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.50 - 20.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.96

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.42	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.42	PURGING START TIME: 10/7/2024 9:55:00 AM	PURGING END TIME: 10/7/2024 10:40:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:00 AM	10.95	100	0.50	0.50	22.95	127.39	7.26	5.88	148.3	128.44	Light brown
10:05 AM	10.95	100	0.50	1.00	23.52	122.21	4.83	5.85	196.8	67.41	Clear
10:10 AM	10.95	100	0.50	1.50	23.69	121.63	4.70	5.85	206.9	32.26	Clear
10:15 AM	10.95	100	0.50	2.00	23.76	121.48	4.66	5.85	209.4	19.97	Clear
10:20 AM	10.95	100	0.50	2.50	23.91	121.45	4.64	5.85	213.5	8.14	Clear
10:25 AM	10.95	100	0.50	3.00	23.98	127.07	4.62	5.83	231.1	20.50	Clear
10:30 AM	10.95	100	0.50	3.50	24.02	127.06	4.59	5.82	240.6	18.41	Clear
10:35 AM	10.95	100	0.50	4.00	24.04	127.07	4.62	5.84	237.9	18.13	Clear
10:40 AM	10.95	100	0.50	4.50	24.12	126.99	4.56	5.83	237.5	18.09	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-37	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 20.42		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-38	SAMPLE ID: W-38-2024-Q4	DATE: 10/3/2024 2:04:00 PM
TOTAL WELL DEPTH (feet) (A): 20.00	WATER TABLE DEPTH (feet) (B): 9.75	LENGTH OF WATER COLUMN (feet) (A-B): 10.25
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.67

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	PURGING START TIME: 10/3/2024 1:30:00 PM	PURGING END TIME: 10/3/2024 2:02:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:32 PM	9.90	0	0.00	0.00	27.47	172.78	4.15	5.50	184.0	0.00	Clear
1:37 PM	9.92	180	0.90	0.90	25.09	176.49	3.15	5.51	228.3	0.00	Clear
1:42 PM	9.93	140	0.70	1.60	25.12	175.65	3.14	5.53	242.1	0.00	Clear
1:47 PM	9.93	140	0.70	2.30	25.20	174.10	3.09	5.50	253.6	0.00	Clear
1:52 PM	9.93	140	0.70	3.00	25.03	173.11	3.04	5.48	261.6	0.00	Clear
1:57 PM	9.93	140	0.70	3.70	25.16	173.26	3.03	5.47	266.2	0.00	Clear
2:02 PM	9.93	140	0.70	4.40	24.90	173.26	3.02	5.47	269.6	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-38	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 17.5		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-39	SAMPLE ID: W-39-2024-Q4	DATE: 10/10/2024 11:20:00 AM
TOTAL WELL DEPTH (feet) (A): 25.25	WATER TABLE DEPTH (feet) (B): 15.25	LENGTH OF WATER COLUMN (feet) (A-B): 10.00
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 13.00 - 23.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.63

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.25	PURGING START TIME: 10/10/2024 10:52:00 AM	PURGING END TIME: 10/10/2024 11:18:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:53 AM	15.26	140	0.00	0.00	25.07	413.28	6.28	5.68	178.3	0.00	Clear
10:58 AM	15.26	140	0.70	0.70	23.12	542.21	2.28	5.64	216.3	0.00	Clear
11:03 AM	15.26	140	0.70	1.40	23.33	539.25	2.17	5.63	234.3	0.00	Clear
11:08 AM	15.26	140	0.70	2.10	23.53	525.94	2.15	5.63	241.0	0.00	Clear
11:13 AM	25.26	140	0.70	2.80	23.69	517.72	2.11	5.64	245.5	0.00	Clear
11:18 AM	15.26	140	0.70	3.50	23.78	520.28	2.13	5.62	248.4	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-39	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 20.25		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-40	SAMPLE ID: W-40-2024-Q4	DATE: 10/8/2024 9:59:00 AM
TOTAL WELL DEPTH (feet) (A): 17.23	WATER TABLE DEPTH (feet) (B): 10.75	LENGTH OF WATER COLUMN (feet) (A-B): 6.48
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 4.50 - 14.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.06

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.23	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.23	PURGING START TIME: 10/8/2024 9:19:00 AM	PURGING END TIME: 10/8/2024 9:57:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:22 AM	10.92	0	0.00	0.00	22.89	74.84	5.07	6.11	213.3	25.67	Clear
9:27 AM	10.95	160	800.00	800.00	23.47	74.82	2.36	6.02	236.5	13.46	Clear
9:32 AM	10.95	160	800.00	1600.00	23.53	75.48	2.33	6.01	242.3	9.27	Clear
9:37 AM	10.95	160	800.00	2400.00	23.63	75.77	2.46	6.02	237.3	10.30	Clear
9:42 AM	10.95	160	800.00	3200.00	23.72	75.76	2.46	6.02	230.5	11.10	Clear
9:47 AM	10.95	160	800.00	4000.00	23.73	76.21	2.30	6.02	225.2	11.27	Clear
9:52 AM	10.95	160	800.00	4800.00	23.80	76.60	2.14	6.03	220.3	10.90	Clear
9:57 AM	10.95	160	800.00	5600.00	23.84	77.10	1.96	6.03	218.1	9.62	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-40	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.23		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-41R	SAMPLE ID: W-41R-2024-Q4	DATE: 10/10/2024 1:25:00 PM
TOTAL WELL DEPTH (feet) (A): 27.09	WATER TABLE DEPTH (feet) (B): 15.01	LENGTH OF WATER COLUMN (feet) (A-B): 12.08
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 14.50 - 24.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.97

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.09	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.09	PURGING START TIME: 10/10/2024 12:55:00 PM	PURGING END TIME: 10/10/2024 1:20:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:00 PM	15.36	80	0.40	0.40	22.63	363.00	4.61	5.46	282.6	3.88	Clear
1:05 PM	15.36	80	0.40	0.80	22.70	383.20	4.27	5.47	286.7	3.82	Clear
1:10 PM	15.36	80	0.40	1.20	22.71	392.04	4.09	5.46	291.5	3.81	Clear
1:15 PM	15.36	80	0.40	1.60	22.80	395.05	4.17	5.46	293.8	3.78	Clear
1:20 PM	15.36	80	0.40	2.00	22.78	395.18	4.14	5.47	295.2	3.87	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-41R	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 22.09		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-42	SAMPLE ID: W-42-2024-Q4	DATE: 10/14/2024 3:18:00 PM
TOTAL WELL DEPTH (feet) (A): 32.95	WATER TABLE DEPTH (feet) (B): 24.40	LENGTH OF WATER COLUMN (feet) (A-B): 8.55
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 20.00 - 30.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.40

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.95	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.95	PURGING START TIME: 10/14/2024 1:35:00 PM	PURGING END TIME: 10/14/2024 3:15:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:40 PM	24.51	120	0.60	0.60	63.38	103.50	3.18	5.23	241.6	7.42	Clear
1:45 PM	24.59	120	0.60	1.20	32.40	53.90	1.66	5.16	286.1	4.75	Clear
1:50 PM	24.65	120	0.60	1.80	50.16	66.93	0.92	5.29	293.7	4.03	Clear
1:55 PM	24.69	120	0.60	2.40	56.72	75.98	0.85	5.25	291.9	4.06	Clear
2:00 PM	24.71	120	0.60	3.00	25.24	52.35	2.39	5.13	288.5	3.96	Clear
2:05 PM	24.71	120	0.60	3.60	58.26	79.04	0.65	5.27	303.5	4.12	Clear
2:10 PM	24.71	120	0.60	4.20	56.32	75.76	0.61	5.29	288.6	4.14	Clear
2:15 PM	24.71	120	0.60	4.80	58.04	77.86	1.01	5.38	256.1	20.67	Clear
2:45 PM	24.59	120	0.60	5.40	22.88	61.07	1.73	5.12	250.8	0.00	Clear
2:50 PM	24.66	120	0.60	6.00	22.55	57.70	1.96	5.06	288.7	0.00	Clear
2:55 PM	24.69	120	0.60	6.60	22.36	57.94	1.90	5.07	298.3	0.00	Clear
3:00 PM	24.69	120	0.60	7.20	22.67	58.90	1.80	5.07	300.3	0.00	Clear
3:05 PM	24.72	120	0.60	7.80	21.66	57.63	1.77	5.08	310.2	0.00	Clear
3:10 PM	24.67	120	0.60	8.40	22.93	60.44	1.79	5.07	301.0	0.00	Clear
3:15 PM	24.65	120	0.60	9.00	23.18	60.97	1.65	5.12	297.8	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-42	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 27.95		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS: Initial temperature readings were anomalous, AquaTroll swapped partway through sampling to continue parameter collection.		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-43	SAMPLE ID: W-43-2024-Q4	DATE: 10/9/2024 2:10:00 PM
TOTAL WELL DEPTH (feet) (A): 24.22	WATER TABLE DEPTH (feet) (B): 13.01	LENGTH OF WATER COLUMN (feet) (A-B): 11.21
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 21.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.83

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.22	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.22	PURGING START TIME: 10/9/2024 1:40:00 PM	PURGING END TIME: 10/9/2024 2:05:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:45 PM	13.03	100	0.50	0.50	23.92	96.72	3.14	5.22	264.1	7.36	Clear
1:50 PM	13.03	100	0.50	1.00	23.96	97.29	2.95	5.22	272.1	7.56	Clear
1:55 PM	13.03	100	0.50	1.50	23.77	97.87	2.95	5.25	280.6	7.46	Clear
2:00 PM	13.03	100	0.50	2.00	23.89	98.37	3.06	5.27	281.2	7.76	Clear
2:05 PM	13.03	100	0.50	2.50	23.76	97.63	3.24	5.30	286.1	7.69	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-43	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 19.22		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-44	SAMPLE ID: W-44-2024-Q4	DATE: 10/10/2024 12:00:00 PM
TOTAL WELL DEPTH (feet) (A): 29.90	WATER TABLE DEPTH (feet) (B): 17.94	LENGTH OF WATER COLUMN (feet) (A-B): 11.96
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 17.00 - 27.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.95

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.9	PURGING START TIME: 10/10/2024 11:20:00 AM	PURGING END TIME: 10/10/2024 11:55:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:25 AM	17.98	100	0.50	0.50	20.27	78.63	3.62	5.13	287.7	3.72	Clear
11:30 AM	17.99	100	0.50	1.00	20.18	78.12	3.33	5.12	299.5	3.76	Clear
11:35 AM	18.00	100	0.50	1.50	20.16	78.60	3.37	5.12	305.2	3.66	Clear
11:40 AM	18.00	100	0.50	2.00	20.14	78.65	3.34	5.12	309.0	4.06	Clear
11:45 AM	18.00	100	0.50	2.50	20.09	78.83	3.33	5.11	327.3	6.70	Clear
11:50 AM	18.00	100	0.50	3.00	20.07	78.82	3.32	5.11	330.0	6.63	Clear
11:55 AM	18.00	100	0.50	3.50	20.06	78.76	3.31	5.11	333.9	6.64	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-44	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 24.9		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-45	SAMPLE ID: W-45-2024-Q4	DATE: 10/7/2024 3:10:00 PM
TOTAL WELL DEPTH (feet) (A): 18.16	WATER TABLE DEPTH (feet) (B): 11.66	LENGTH OF WATER COLUMN (feet) (A-B): 6.50
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.06

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.16	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.16	PURGING START TIME: 10/7/2024 2:15:00 PM	PURGING END TIME: 10/7/2024 3:05:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:20 PM	11.76	100	0.50	0.50	26.64	137.12	0.86	6.26	-45.2	34.86	Clear
2:25 PM	11.77	100	0.50	1.00	26.04	136.07	0.33	6.24	-49.1	31.86	Clear
2:30 PM	11.77	100	0.50	1.50	25.99	135.89	0.25	6.22	-49.9	33.86	Clear
2:35 PM	11.77	100	0.50	2.00	25.94	136.09	0.17	6.21	-52.0	40.38	Clear
2:40 PM	11.77	100	0.50	2.50	25.91	139.97	0.16	6.25	-53.3	39.35	Clear
2:45 PM	11.77	100	0.50	3.00	25.99	149.31	0.15	6.28	-61.0	34.06	Clear
2:50 PM	11.77	100	0.50	3.50	26.19	154.20	0.15	6.30	-65.6	26.12	Clear
2:55 PM	11.77	100	0.50	4.00	26.33	157.60	0.17	6.33	-69.2	16.91	Clear
3:00 PM	11.77	100	0.50	4.50	26.32	159.07	0.16	6.34	-69.9	16.50	Clear
3:05 PM	11.77	100	0.50	5.00	26.44	159.23	0.17	6.35	-69.3	11.37	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-45	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13.16		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-46	SAMPLE ID: W-46-2024-Q4	DATE: 10/10/2024 12:33:00 PM
TOTAL WELL DEPTH (feet) (A): 28.18	WATER TABLE DEPTH (feet) (B): 13.43	LENGTH OF WATER COLUMN (feet) (A-B): 14.75
CASING DIAMETER / MATL: 4 in, PVC	WELL SCREEN INTERVAL DEPTH: 16.00 - 26.00 ft	CALCULATED SYSTEM VOLUME (gallons): 9.63

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 28.18	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 28.18	PURGING START TIME: 10/10/2024 12:09:00 PM	PURGING END TIME: 10/10/2024 12:31:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:11 PM	13.51	140	0.00	0.00	25.08	225.21	4.64	5.74	192.5	0.00	Clear
12:16 PM	13.70	140	0.70	0.70	21.25	207.67	0.45	5.75	211.3	0.00	Clear
12:21 PM	13.79	100	0.50	1.20	21.33	206.98	0.32	5.74	219.7	0.00	Clear
12:26 PM	13.89	100	0.50	1.70	21.25	206.85	0.25	5.76	223.3	0.00	Clear
12:31 PM	13.99	100	0.50	2.20	21.13	207.10	0.19	5.76	226.4	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-46	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 28.18		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-47	SAMPLE ID: W-47-2024-Q4	DATE: 10/14/2024 10:19:00 AM
TOTAL WELL DEPTH (feet) (A): 46.90	WATER TABLE DEPTH (feet) (B): 25.50	LENGTH OF WATER COLUMN (feet) (A-B): 21.40
CASING DIAMETER / MATL: 4 in, PVC	WELL SCREEN INTERVAL DEPTH: 34.50 - 44.50 ft	CALCULATED SYSTEM VOLUME (gallons): 13.97

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 41.9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 41.9	PURGING START TIME: 10/14/2024 9:49:00 AM	PURGING END TIME: 10/14/2024 10:17:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:52 AM	25.53	120	0.00	0.00	20.80	516.46	7.99	6.28	129.3	0.00	Clear
9:57 AM	25.50	120	0.60	0.60	19.95	555.48	1.31	6.06	153.1	0.00	Clear
10:02 AM	25.50	120	0.60	1.20	20.15	555.33	0.57	6.06	163.3	0.00	Clear
10:07 AM	25.50	120	0.60	1.80	20.06	554.79	0.44	6.06	169.5	0.00	Clear
10:12 AM	25.50	120	0.60	2.40	20.07	555.14	0.37	6.06	173.4	0.00	Clear
10:17 AM	25.50	120	0.60	3.00	20.10	554.34	0.34	6.05	176.6	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-47	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 41.9		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-48	SAMPLE ID: W-48-2024-Q4			DATE: 10/11/2024 12:05:00 PM
TOTAL WELL DEPTH (feet) (A): 44.04	WATER TABLE DEPTH (feet) (B): 25.53			LENGTH OF WATER COLUMN (feet) (A-B): 18.51
CASING DIAMETER / MATL: 4 in, PVC	WELL SCREEN INTERVAL DEPTH: 31.50 - 41.50 ft			CALCULATED SYSTEM VOLUME (gallons): 12.08
PURGING DATA				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 39.04	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 39.04	PURGING START TIME: 10/11/2024 11:35:00 AM	PURGING END TIME: 10/11/2024 12:00:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:40 AM	25.62	90	0.45	0.45	20.00	138.05	1.43	5.52	283.8	3.77	Clear
11:45 AM	27.65	90	0.45	0.90	19.81	138.39	0.73	5.50	284.5	3.73	Clear
11:50 AM	25.67	90	0.45	1.35	19.84	138.60	0.60	5.50	284.7	3.70	Clear
11:55 AM	25.67	90	0.45	1.80	19.74	138.72	0.54	5.50	288.2	3.72	Clear
12:00 PM	25.67	90	0.45	2.25	19.63	139.21	0.46	5.49	292.1	3.64	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-48	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 39.04		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-49	SAMPLE ID: W-49-2024-Q4			DATE: 10/14/2024 11:45:00 AM
TOTAL WELL DEPTH (feet) (A): 118.53	WATER TABLE DEPTH (feet) (B): 27.40			LENGTH OF WATER COLUMN (feet) (A-B): 91.13
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 108.00 - 118.00 ft			CALCULATED SYSTEM VOLUME (gallons): 14.87
PURGING DATA				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 113.53	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 113.53	PURGING START TIME: 10/14/2024 10:55:00 AM	PURGING END TIME: 10/14/2024 11:40:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:00 AM	27.41	100	0.50	0.50	48.27	46.34	0.50	5.64	174.8	23.78	Clear
11:05 AM	27.41	100	0.50	1.00	47.19	45.39	0.28	5.53	185.4	25.65	Clear
11:10 AM	27.41	100	0.50	1.50	42.53	42.56	0.38	5.47	189.3	23.82	Clear
11:15 AM	27.41	100	0.50	2.00	44.52	43.57	0.53	5.49	191.7	21.31	Clear
11:20 AM	27.41	100	0.50	2.50	48.38	45.96	0.23	5.51	192.0	22.79	Clear
11:25 AM	27.41	100	0.50	3.00	46.34	44.50	0.22	5.45	192.8	22.22	Clear
11:30 AM	27.41	100	0.50	3.50	48.97	46.18	0.23	5.46	196.6	17.64	Clear
11:35 AM	27.41	100	0.50	4.00	48.17	45.51	0.25	5.48	199.7	19.41	Clear
11:40 AM	27.41	100	0.50	4.50	47.70	45.02	0.31	5.42	202.3	18.71	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-49	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 113.53		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS: Erroneous temperature. Will not be used to determine stability.		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
2	1 L	Amber	NA	Select SVOCs	GEL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-50	SAMPLE ID: W-50-2024-Q4	DATE: 10/8/2024 11:09:00 AM
TOTAL WELL DEPTH (feet) (A): 128.10	WATER TABLE DEPTH (feet) (B): 21.44	LENGTH OF WATER COLUMN (feet) (A-B): 106.66
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 115.00 - 125.00 ft	CALCULATED SYSTEM VOLUME (gallons): 17.41

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 123.1	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 123.1	PURGING START TIME: 10/8/2024 10:33:00 AM	PURGING END TIME: 10/8/2024 11:07:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:37 AM	21.44	120	0.00	0.00	24.56	27.25	7.11	6.02	175.3	0.00	Clear
10:42 AM	21.44	120	600.00	600.00	22.65	27.07	1.13	5.90	75.2	0.45	
10:47 AM	21.44	120	600.00	1200.00	22.67	27.06	0.67	5.92	43.6	1.48	
10:52 AM	21.44	120	600.00	1800.00	22.69	27.01	0.44	5.98	17.2	1.23	Clear
10:57 AM	21.44	120	600.00	2400.00	22.84	26.81	0.34	6.00	-6.8	2.26	Clear
11:02 AM	21.44	120	600.00	3000.00	22.87	26.55	0.33	5.95	-16.4	0.00	Clear
11:07 AM	21.44	120	600.00	3600.00	22.91	26.45	0.37	5.90	-13.6	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-50	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 123.1		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-51	SAMPLE ID: W-51-2024-Q4	DATE: 10/7/2024 12:40:00 PM
TOTAL WELL DEPTH (feet) (A): 14.44	WATER TABLE DEPTH (feet) (B): 8.06	LENGTH OF WATER COLUMN (feet) (A-B): 6.38
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 9.50 - 14.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.04

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11.94	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11.94	PURGING START TIME: 10/7/2024 11:45:00 AM	PURGING END TIME: 10/7/2024 12:35:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:50 AM	8.08	100	0.50	0.50	26.23	189.45	0.37	6.84	-100.8	83.71	Clear
11:55 AM	8.08	100	0.50	1.00	26.24	189.40	0.18	6.86	-121.2	46.57	Clear
12:00 PM	8.08	100	0.50	1.50	26.29	188.69	0.14	6.86	-128.9	32.40	Clear
12:05 PM	8.08	100	0.50	2.00	26.37	188.79	0.12	6.87	-143.4	20.94	Clear
12:10 PM	8.08	100	0.50	2.50	26.36	188.22	0.11	6.86	-146.8	21.31	Clear
12:15 PM	8.08	100	0.50	3.00	26.39	189.04	0.11	6.83	-129.4	10.67	Clear
12:20 PM	8.08	100	0.50	3.50	26.57	189.42	0.13	6.77	-131.2	10.97	Clear
12:25 PM	8.08	100	0.50	4.00	26.63	200.61	0.13	6.71	-144.5	24.67	Clear
12:30 PM	8.08	100	0.50	4.50	26.63	201.01	0.12	6.74	-149.6	22.70	Clear
12:35 PM	8.08	100	0.50	5.00	26.73	201.23	0.12	6.73	-151.1	23.30	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-51	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 11.94		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-52	SAMPLE ID: W-52-2024-Q4	DATE: 10/7/2024 1:50:00 PM
TOTAL WELL DEPTH (feet) (A): 14.98	WATER TABLE DEPTH (feet) (B): 7.95	LENGTH OF WATER COLUMN (feet) (A-B): 7.03
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.15

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.48	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.48	PURGING START TIME: 10/7/2024 1:00:00 PM	PURGING END TIME: 10/7/2024 1:45:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:05 PM	7.95	100	0.50	0.50	27.08	201.97	2.48	6.04	127.2	39.94	Clear
1:10 PM	7.95	100	0.50	1.00	26.96	194.83	2.07	6.03	128.3	18.36	Clear
1:15 PM	7.95	100	0.50	1.50	27.01	183.70	1.68	6.03	119.0	16.78	Clear
1:20 PM	7.95	100	0.50	2.00	26.93	177.86	1.49	6.02	115.1	10.39	Clear
1:25 PM	7.95	100	0.50	2.50	26.81	175.29	1.24	6.02	110.0	7.65	Clear
1:30 PM	7.95	100	0.50	3.00	26.86	170.12	1.11	6.02	106.8	9.54	Clear
1:35 PM	7.95	100	0.50	3.50	26.75	165.76	1.03	6.02	106.4	8.43	Clear
1:40 PM	7.95	100	0.50	4.00	26.91	164.06	0.89	6.01	109.4	17.41	Clear
1:45 PM	7.95	100	0.50	4.50	26.92	163.28	0.90	6.02	112.7	15.79	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-52	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.48		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-53	SAMPLE ID: W-53-2024-Q4	DATE: 10/7/2024 8:55:00 AM
TOTAL WELL DEPTH (feet) (A): 15.40	WATER TABLE DEPTH (feet) (B): 8.31	LENGTH OF WATER COLUMN (feet) (A-B): 7.09
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 16.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.16

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.9	PURGING START TIME: 10/7/2024 8:25:00 AM	PURGING END TIME: 10/7/2024 8:50:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:30 AM	8.38	100	0.50	0.50	24.58	136.87	0.49	5.96	13.8	18.48	Clear
8:35 AM	8.38	100	0.50	1.00	24.44	134.33	0.39	5.96	15.2	15.73	Clear
8:40 AM	8.38	100	0.50	1.50	24.50	134.38	0.34	5.96	16.1	15.64	Clear
8:45 AM	8.38	100	0.50	2.00	24.69	133.96	0.27	5.92	20.9	15.96	Clear
8:50 AM	8.38	100	0.50	2.50	24.75	133.05	0.26	5.93	21.2	15.76	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-53	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.9		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-54	SAMPLE ID: W-54-2024-Q4	DATE: 10/4/2024 12:54:00 PM
TOTAL WELL DEPTH (feet) (A): 15.55	WATER TABLE DEPTH (feet) (B): 8.40	LENGTH OF WATER COLUMN (feet) (A-B): 7.15
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 16.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.17

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.05	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.05	PURGING START TIME: 10/4/2024 12:25:00 PM	PURGING END TIME: 10/4/2024 12:52:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:27 PM	8.41	140	0.00	0.00	29.81	113.62	6.58	5.75	180.9	2.55	Clear
12:32 PM	8.42	140	0.70	0.70	26.02	127.52	2.87	5.78	163.6	0.00	Clear
12:37 PM	8.42	140	0.70	1.40	26.05	129.90	2.55	5.82	146.3	0.00	Clear
12:42 PM	8.42	140	0.70	2.10	26.13	133.74	2.62	5.87	134.6	0.00	Clear
12:47 PM	8.42	140	0.70	2.80	26.30	133.73	2.44	5.84	140.0	0.00	Clear
12:52 PM	8.42	140	0.70	3.50	26.12	134.59	2.39	5.86	135.6	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-54	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13.05		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-55	SAMPLE ID: W-55-2024-Q4	DATE: 10/22/2024 8:50:00 AM
TOTAL WELL DEPTH (feet) (A): 14.95	WATER TABLE DEPTH (feet) (B): 9.07	LENGTH OF WATER COLUMN (feet) (A-B): 5.88
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.96

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.45	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.45	PURGING START TIME: 10/22/2024 8:10:00 AM	PURGING END TIME: 10/22/2024 8:45:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:15 AM	9.07	80	0.40	0.40	21.06	134.27	5.72	6.10	99.4	21.59	Clear
8:20 AM	9.07	80	0.40	0.80	21.82	134.08	5.30	5.54	100.0	12.20	Clear
8:25 AM	9.07	80	0.40	1.20	22.56	134.34	5.25	5.51	102.0	9.40	Clear
8:30 AM	9.07	80	0.40	1.60	22.78	133.80	5.23	5.51	103.2	5.75	Clear
8:35 AM	9.07	80	0.40	2.00	22.05	134.02	5.28	5.49	105.8	5.52	Clear
8:40 AM	9.07	80	0.40	2.40	21.86	134.16	5.33	5.49	106.2	4.31	Clear
8:45 AM	9.07	80	0.40	2.80	21.93	134.29	5.32	5.48	106.8	3.69	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-55	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.45		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-56	SAMPLE ID: W-56-2024-Q4	DATE: 10/22/2024 9:50:00 AM
TOTAL WELL DEPTH (feet) (A): 14.94	WATER TABLE DEPTH (feet) (B): 9.16	LENGTH OF WATER COLUMN (feet) (A-B): 5.78
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.94

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.44	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.44	PURGING START TIME: 10/22/2024 9:15:00 AM	PURGING END TIME: 10/22/2024 9:45:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:20 AM	9.22	80	0.40	0.40	21.59	141.21	4.00	5.34	88.8	43.68	Clear
9:25 AM	9.22	80	0.40	0.80	22.66	138.65	3.93	5.39	92.6	29.97	Clear
9:30 AM	9.22	80	0.40	1.20	23.03	137.19	3.90	5.37	99.3	21.20	Clear
9:35 AM	9.22	80	0.40	1.60	23.33	136.53	3.84	5.40	101.2	15.37	Clear
9:40 AM	9.22	80	0.40	2.00	23.98	135.50	3.81	5.40	104.0	9.33	Clear
9:45 AM	9.22	80	0.40	2.40	24.16	135.48	3.77	5.44	104.1	9.05	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-56	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.44		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-57	SAMPLE ID: W-57-2024-Q4	DATE: 10/4/2024 11:51:00 AM
TOTAL WELL DEPTH (feet) (A): 14.95	WATER TABLE DEPTH (feet) (B): 9.17	LENGTH OF WATER COLUMN (feet) (A-B): 5.78
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.94

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.45	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.45	PURGING START TIME: 10/4/2024 11:23:00 AM	PURGING END TIME: 10/4/2024 11:49:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:24 AM	9.27	140	0.00	0.00	29.34	0.05	5.85	5.85	151.9	0.00	Clear
11:29 AM	9.29	140	0.70	0.70	27.21	156.60	1.38	5.86	201.7	0.00	Clear
11:34 AM	9.29	140	0.70	1.40	26.98	144.36	1.25	5.89	217.3	0.00	Clear
11:39 AM	9.29	140	0.70	2.10	26.88	142.05	1.21	5.88	224.0	0.00	Clear
11:44 AM	9.29	140	0.70	2.80	27.00	140.18	1.20	5.88	227.8	0.00	Clear
11:49 AM	9.29	140	0.70	3.50	27.00	141.33	1.20	5.87	230.5	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-57	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.45		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-58	SAMPLE ID: W-58-2024-Q4	DATE: 10/4/2024 10:49:00 AM
TOTAL WELL DEPTH (feet) (A): 15.00	WATER TABLE DEPTH (feet) (B): 10.08	LENGTH OF WATER COLUMN (feet) (A-B): 4.92
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.80

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	PURGING START TIME: 10/4/2024 10:25:00 AM	PURGING END TIME: 10/4/2041 10:47:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:27 AM	10.10	120	0.00	0.00	24.26	0.06	8.06	6.16	131.9	0.00	Clear
10:32 AM	10.12	120	0.60	0.60	26.78	254.08	0.62	6.25	111.4	0.00	Clear
10:37 AM	10.13	120	0.60	1.20	26.85	256.18	0.39	6.31	110.4	0.00	Clear
10:42 AM	10.13	120	0.60	1.80	26.87	256.26	0.31	6.33	108.0	0.00	Clear
10:47 AM	10.14	120	0.60	2.40	26.96	253.31	0.26	6.33	108.8	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-58	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.5		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-59	SAMPLE ID: W-59-2024-Q4	DATE: 10/22/2024 8:49:00 AM
TOTAL WELL DEPTH (feet) (A): 15.00	WATER TABLE DEPTH (feet) (B): 10.60	LENGTH OF WATER COLUMN (feet) (A-B): 4.40
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 9.50 - 14.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.72

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	PURGING START TIME: 10/22/2024 8:21:00 AM	PURGING END TIME: 10/22/2024 8:47:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:22 AM	10.65	140	0.00	0.00	12.05	0.07	8.42	6.03	139.7	6.72	Clear
8:27 AM	10.80	140	0.70	0.70	24.59	521.20	0.67	6.02	198.4	0.00	Clear
8:32 AM	10.88	140	0.70	1.40	24.79	520.10	0.46	6.00	214.6	0.00	Clear
8:37 AM	10.92	140	0.70	2.10	24.93	524.63	0.27	6.00	224.6	0.00	Clear
8:42 AM	10.94	140	0.70	2.80	25.13	527.58	0.23	5.99	226.4	0.00	Clear
8:47 AM	10.95	140	0.70	3.50	25.15	528.56	0.19	5.99	230.6	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-59	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.5		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-60	SAMPLE ID: W-60-2024-Q4	DATE: 10/11/2024 9:01:00 AM
TOTAL WELL DEPTH (feet) (A): 40.78	WATER TABLE DEPTH (feet) (B): 21.90	LENGTH OF WATER COLUMN (feet) (A-B): 18.88
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 33.00 - 38.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.08

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 38.28	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 38.28	PURGING START TIME: 10/11/2024 8:36:00 AM	PURGING END TIME: 10/11/2024 8:59:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:39 AM	21.90	140	0.00	0.00	12.13	0.07	9.00	5.90	85.1	38.38	Clear
8:44 AM	21.90	140	0.70	0.70	17.28	104.71	0.68	5.85	70.2	26.39	Light brown
8:49 AM	21.90	120	0.60	1.30	17.41	104.27	0.37	5.84	60.9	9.21	Clearing
8:54 AM	21.90	120	0.60	1.90	17.43	104.44	0.24	5.84	55.2	2.88	Clear
8:59 AM	21.90	120	0.60	2.50	17.46	103.00	0.24	5.83	51.9	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-60	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 38.28		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-61	SAMPLE ID: W-61-2024-Q4	DATE: 10/11/2024 9:57:00 AM
TOTAL WELL DEPTH (feet) (A): 26.75	WATER TABLE DEPTH (feet) (B): 17.50	LENGTH OF WATER COLUMN (feet) (A-B): 9.25
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 13.50 - 23.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.51

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.75	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.75	PURGING START TIME: 10/11/2024 9:17:00 AM	PURGING END TIME: 10/11/2024 9:55:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:20 AM	17.71	100	0.00	0.00	16.37	102.60	6.96	5.31	169.9	0.20	Clear
9:25 AM	17.94	100	0.50	0.50	17.83	91.82	3.14	5.27	226.8	0.00	Clear
9:30 AM	18.10	100	0.50	1.00	18.09	87.52	3.04	5.25	243.3	0.00	Clear
9:35 AM	18.30	100	0.50	1.50	18.18	86.21	3.08	5.25	249.3	0.00	Clear
9:40 AM	18.50	100	0.50	2.00	18.34	86.04	3.18	5.24	262.9	0.00	Clear
9:46 AM	18.75	100	0.50	2.50	18.56	85.71	3.43	5.24	269.7	0.00	Clear
9:50 AM	18.93	100	0.50	3.00	18.50	86.56	3.75	5.24	274.5	0.00	Clear
9:55 AM	19.10	100	0.50	3.50	18.57	88.40	4.14	5.25	278.9	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-61	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 21.75		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-62	SAMPLE ID: W-62-2024-Q4	DATE: 10/10/2024 10:35:00 AM
TOTAL WELL DEPTH (feet) (A): 27.55	WATER TABLE DEPTH (feet) (B): 13.00	LENGTH OF WATER COLUMN (feet) (A-B): 14.55
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 20.00 - 25.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.37

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25.05	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.05	PURGING START TIME: 10/10/2024 10:05:00 AM	PURGING END TIME: 10/10/2024 10:30:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:10 AM	13.06	100	0.50	0.50	19.15	82.64	2.98	5.43	273.0	18.52	Clear
10:15 AM	13.06	100	0.50	1.00	19.25	82.70	2.96	5.43	277.6	18.50	Clear
10:20 AM	13.06	100	0.50	1.50	19.18	82.83	2.95	5.44	281.8	19.38	Clear
10:25 AM	13.06	100	0.50	2.00	19.22	82.94	2.91	5.46	283.3	19.71	Clear
10:30 AM	13.06	100	0.50	2.50	19.26	82.95	2.89	5.46	286.2	20.01	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-62	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 25.05		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-63	SAMPLE ID: W-63-2024-Q4	DATE: 10/14/2024 10:25:00 AM
TOTAL WELL DEPTH (feet) (A): 44.08	WATER TABLE DEPTH (feet) (B): 25.72	LENGTH OF WATER COLUMN (feet) (A-B): 18.36
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 37.00 - 42.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.00

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 41.58	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 41.58	PURGING START TIME: 10/14/2024 9:50:00 AM	PURGING END TIME: 10/14/2024 10:20:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:55 AM	26.31	80	0.40	0.40	21.84	362.72	0.60	6.60	101.0	8.10	Clear
10:00 AM	26.48	80	0.40	0.80	22.69	357.96	0.52	6.60	106.3	10.09	Clear
10:05 AM	26.70	80	0.40	1.20	21.65	353.55	0.24	6.58	116.9	9.49	Clear
10:10 AM	26.89	80	0.40	1.60	21.55	350.32	0.19	6.58	126.0	7.59	Clear
10:15 AM	27.03	80	0.40	2.00	21.69	345.25	0.19	6.58	121.4	8.10	Clear
10:20 AM	27.12	80	0.40	2.40	21.80	339.30	0.17	6.56	122.9	9.86	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-63	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 41.58		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-64	SAMPLE ID: W-64-2024-Q4	DATE: 10/14/2024 11:25:00 AM
TOTAL WELL DEPTH (feet) (A): 34.19	WATER TABLE DEPTH (feet) (B): 25.70	LENGTH OF WATER COLUMN (feet) (A-B): 8.49
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 21.50 - 31.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.39

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.19	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.19	PURGING START TIME: 10/14/2024 11:00:00 AM	PURGING END TIME: 10/14/2024 11:23:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:03 AM	25.80	100	0.00	0.00	21.45	520.06	3.70	6.12	156.7	26.15	Clear
11:08 AM	25.80	100	0.50	0.50	20.70	522.53	0.69	5.87	182.4	0.00	Clear
11:13 AM	25.80	100	0.50	1.00	20.77	523.73	0.40	5.87	191.5	0.00	Clear
11:18 AM	25.80	100	0.50	1.50	20.89	526.04	0.40	5.88	197.4	0.00	Clear
11:23 AM	25.80	100	0.50	2.00	20.92	529.31	0.29	5.87	200.1	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-64	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 29.19		DUPLICATE: W-64-2024-Q4-DUP
FIELD EQUIPMENT USED: Field param meter: AquaTroll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-65	SAMPLE ID: W-65-2024-Q4	DATE: 10/9/2024 1:05:00 PM
TOTAL WELL DEPTH (feet) (A): 34.41	WATER TABLE DEPTH (feet) (B): 12.82	LENGTH OF WATER COLUMN (feet) (A-B): 21.59
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 26.50 - 31.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.52

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.91	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.91	PURGING START TIME: 10/9/2024 12:35:00 PM	PURGING END TIME: 10/9/2024 1:00:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:40 PM	13.13	100	0.50	0.50	23.12	104.16	1.11	5.85	232.5	3.90	Clear
12:45 PM	13.16	100	0.50	1.00	23.17	101.32	0.28	5.85	236.9	4.16	Clear
12:50 PM	13.17	100	0.50	1.50	23.02	101.08	0.21	5.84	236.3	3.87	Clear
12:55 PM	13.17	100	0.50	2.00	22.97	100.95	0.18	5.83	234.9	3.91	Clear
1:00 PM	13.17	100	0.50	2.50	22.96	100.79	0.15	5.81	235.8	3.87	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-65	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 31.91		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-66	SAMPLE ID: W-66-2024-Q4	DATE: 10/9/2024 12:25:00 PM
TOTAL WELL DEPTH (feet) (A): 25.19	WATER TABLE DEPTH (feet) (B): 12.58	LENGTH OF WATER COLUMN (feet) (A-B): 12.61
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 12.50 - 22.50 ft	CALCULATED SYSTEM VOLUME (gallons): 2.06

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.19	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.19	PURGING START TIME: 10/9/2024 11:50:00 AM	PURGING END TIME: 10/9/2024 12:20:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:55 AM	12.58	90	0.45	0.45	23.47	76.86	1.65	5.28	263.6	10.15	Clear
12:00 PM	12.58	90	0.45	0.90	23.11	77.65	1.08	5.24	282.6	9.50	Clear
12:05 PM	12.58	90	0.45	1.35	23.16	77.94	1.06	5.29	285.3	10.52	Clear
12:10 PM	12.58	90	0.45	1.80	23.13	80.34	1.09	5.30	288.8	7.13	Clear
12:15 PM	12.58	90	0.45	2.25	23.05	81.10	1.12	5.30	290.6	8.04	Clear
12:20 PM	12.58	90	0.45	2.70	23.19	81.69	1.13	5.30	291.7	11.05	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-66	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 20.19		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-67	SAMPLE ID: W-67-2024-Q4	DATE: 10/16/2024 9:25:00 AM
TOTAL WELL DEPTH (feet) (A): 34.37	WATER TABLE DEPTH (feet) (B): 17.04	LENGTH OF WATER COLUMN (feet) (A-B): 17.33
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 22.00 - 32.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.83

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.37	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.37	PURGING START TIME: 10/16/2024 8:50:00 AM	PURGING END TIME: 10/16/2024 9:20:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:55 AM	17.19	80	0.40	0.40	17.23	177.35	1.29	5.91	174.8	0.00	Clear
9:00 AM	17.20	80	0.40	0.80	17.36	177.51	0.54	5.94	201.8	0.00	Clear
9:05 AM	17.20	80	0.40	1.20	17.49	176.71	0.35	5.89	214.4	0.00	Clear
9:10 AM	17.20	80	0.40	1.60	17.49	177.09	0.30	5.89	221.7	0.00	Clear
9:15 AM	17.20	80	0.40	2.00	17.49	176.87	0.28	5.89	224.6	0.00	Clear
9:20 AM	17.20	80	0.40	2.40	17.31	176.71	0.26	5.89	228.1	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-67	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 29.37		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aqutroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-68	SAMPLE ID: W-68-2024-Q4	DATE: 10/11/2024 11:05:00 AM
TOTAL WELL DEPTH (feet) (A): 21.22	WATER TABLE DEPTH (feet) (B): 5.31	LENGTH OF WATER COLUMN (feet) (A-B): 15.91
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 13.00 - 18.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.60

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18.72	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18.72	PURGING START TIME: 10/11/2024 10:30:00 AM	PURGING END TIME: 10/11/2024 11:00:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:35 AM	5.42	100	0.50	0.50	20.36	84.77	4.30	5.37	255.6	6.32	Clear
10:40 AM	5.42	100	0.50	1.00	20.24	83.69	4.35	5.35	254.1	5.42	Clear
10:45 AM	5.42	100	0.50	1.50	20.35	83.32	4.33	5.35	243.8	5.12	Clear
10:50 AM	5.42	100	0.50	2.00	20.29	83.28	4.29	5.34	236.2	5.45	Clear
10:55 AM	5.42	100	0.50	2.50	20.25	83.14	4.26	5.34	232.2	5.07	Clear
11:00 AM	5.42	80	0.40	2.90	20.34	83.28	4.24	5.33	231.0	5.31	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-68	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 18.72		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-69	SAMPLE ID: W-69-2024-Q4	DATE: 10/15/2024 11:32:00 AM
TOTAL WELL DEPTH (feet) (A): 21.03	WATER TABLE DEPTH (feet) (B): 8.13	LENGTH OF WATER COLUMN (feet) (A-B): 12.90
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 8.00 - 18.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.11

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16.03	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16.03	PURGING START TIME: 10/15/2024 11:09:00 AM	PURGING END TIME: 10/15/2024 11:30:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:10 AM	8.55	100	0.00	100.00	22.73	68.58	4.11	8.92	92.4	14.37	Clear
11:15 AM	8.97	100	0.50	100.50	22.54	64.44	0.52	5.29	272.6	15.29	Clear
11:20 AM	9.43	100	0.50	101.00	22.78	63.64	0.24	5.23	292.7	17.22	Clear
11:25 AM	9.66	100	0.50	101.50	22.77	63.47	0.19	5.22	293.1	17.51	Clear
11:30 AM	9.82	100	0.50	102.00	22.97	63.77	0.15	5.22	292.4	12.17	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-69	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 16.03		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-70	SAMPLE ID: W-70-2024-Q4	DATE: 10/15/2024 12:12:00 PM
TOTAL WELL DEPTH (feet) (A): 51.88	WATER TABLE DEPTH (feet) (B): 11.54	LENGTH OF WATER COLUMN (feet) (A-B): 40.34
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 44.00 - 49.00 ft	CALCULATED SYSTEM VOLUME (gallons): 6.58

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 49.38	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 49.38	PURGING START TIME: 10/15/2024 11:47:00 AM	PURGING END TIME: 10/15/2024 12:10:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:50 AM	11.59	140	0.70	0.70	23.59	54.44	6.72	5.80	200.9	0.00	Clear
11:55 AM	11.58	140	0.70	1.40	22.34	51.31	5.82	5.24	299.6	0.00	Clear
12:00 PM	11.58	120	0.60	2.00	22.24	50.89	5.73	5.25	307.0	0.00	Clear
12:05 PM	11.58	120	0.60	2.60	22.24	50.73	5.70	5.28	308.4	2.79	Clear
12:10 PM	11.58	120	0.60	3.20	22.02	50.61	5.71	5.27	310.6	17.51	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-70	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 49.38		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-71	SAMPLE ID: W-71-2024-Q4			DATE: 10/15/2024 1:07:00 PM
TOTAL WELL DEPTH (feet) (A): 103.90	WATER TABLE DEPTH (feet) (B): 23.15			LENGTH OF WATER COLUMN (feet) (A-B): 80.75
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 93.00 - 103.00 ft			CALCULATED SYSTEM VOLUME (gallons): 13.18
PURGING DATA				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 98.9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 98.9	PURGING START TIME: 10/15/2024 12:31:00 PM	PURGING END TIME: 10/15/2024 1:05:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:35 PM	23.17	100	0.00	100.00	24.08	85.38	7.26	4.86	170.1	0.00	Clear
12:40 PM	23.17	100	0.50	100.50	22.19	84.58	1.35	6.29	79.4	3.15	Clear
12:45 PM	23.17	100	0.50	101.00	22.05	83.33	0.75	6.26	71.4	0.00	Clear
12:50 PM	23.17	100	0.50	101.50	21.71	83.23	0.59	6.27	68.4	2.06	Clear
12:55 PM	23.17	100	0.50	102.00	21.80	82.89	0.44	6.27	65.5	0.00	Clear
1:00 PM	23.17	100	0.50	102.50	21.63	82.28	0.29	6.27	61.3	0.00	Clear
1:05 PM	23.17	100	0.50	103.00	21.55	81.91	0.32	6.27	56.5	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-71	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 98.9		DUPLICATE: W-71-2024-Q4-DUP
FIELD EQUIPMENT USED: Field param meter: AquaTroll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-72	SAMPLE ID: W-72-2024-Q4	DATE: 10/4/2024 12:55:00 PM
TOTAL WELL DEPTH (feet) (A): 14.46	WATER TABLE DEPTH (feet) (B): 8.12	LENGTH OF WATER COLUMN (feet) (A-B): 6.34
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.03

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9.46	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9.46	PURGING START TIME: 10/4/2024 12:15:00 PM	PURGING END TIME: 10/4/2024 12:50:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:20 PM	8.16	100	0.50	0.50	25.70	231.79	5.65	6.10	192.1	104.22	Light brown
12:25 PM	8.17	100	0.50	1.00	25.51	232.45	5.63	6.10	195.6	100.31	Light brown
12:30 PM	8.17	100	0.50	1.50	25.45	234.76	5.62	6.10	198.0	92.23	Light brown
12:35 PM	8.17	100	0.50	2.00	25.44	236.39	5.60	6.08	200.5	88.13	Clear
12:40 PM	8.17	100	0.50	2.50	25.42	238.78	5.59	6.08	202.0	78.90	Clear
12:45 PM	8.17	100	0.50	3.00	25.42	238.42	5.56	6.08	203.0	76.91	Clear
12:50 PM	8.17	100	0.50	3.50	25.42	241.31	5.55	6.08	204.1	70.74	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-72	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 9.46		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-73	SAMPLE ID: W-73-2024-Q4	DATE: 10/4/2024 11:50:00 AM
TOTAL WELL DEPTH (feet) (A): 15.64	WATER TABLE DEPTH (feet) (B): 8.55	LENGTH OF WATER COLUMN (feet) (A-B): 7.09
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 6.00 - 16.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.16

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.64	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.64	PURGING START TIME: 10/4/2024 11:10:00 AM	PURGING END TIME: 10/4/2024 11:45:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:15 AM	8.58	100	0.50	0.50	27.53	138.23	0.42	5.92	219.2	9.71	Clear
11:20 AM	8.58	100	0.50	1.00	27.07	138.84	0.34	5.91	224.5	10.70	Clear
11:25 AM	8.58	100	0.50	1.50	26.71	136.53	0.40	5.89	214.5	12.63	Clear
11:30 AM	8.58	100	0.50	2.00	26.52	130.90	0.66	5.83	210.1	8.59	Clear
11:35 AM	8.58	100	0.50	2.50	26.38	125.99	0.88	5.80	218.1	8.27	Clear
11:40 AM	8.58	100	0.50	3.00	26.33	124.05	0.99	5.79	221.3	6.01	Clear
11:45 AM	8.58	100	0.50	3.50	26.28	122.79	1.03	5.79	223.1	5.35	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-73	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 10.64		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-74	SAMPLE ID: W-74-2024-Q4	DATE: 10/4/2024 10:35:00 AM
TOTAL WELL DEPTH (feet) (A): 33.84	WATER TABLE DEPTH (feet) (B): 12.36	LENGTH OF WATER COLUMN (feet) (A-B): 21.48
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.50 - 30.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.51

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.34	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.34	PURGING START TIME: 10/4/2024 9:50:00 AM	PURGING END TIME: 10/4/2024 10:30:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:55 AM	12.45	100	0.50	0.50	24.76	128.00	2.43	5.49	203.7	21.48	Clear
10:00 AM	12.50	100	0.50	1.00	24.99	127.88	2.32	5.46	217.6	13.91	Clear
10:05 AM	12.53	100	0.50	1.50	25.05	128.26	2.21	5.41	230.1	8.30	Clear
10:10 AM	12.53	100	0.50	2.00	25.05	128.71	1.99	5.36	236.3	5.89	Clear
10:15 AM	12.53	100	0.50	2.50	24.96	128.46	1.90	5.36	242.2	4.77	Clear
10:20 AM	12.53	100	0.50	3.00	24.90	128.67	1.85	5.36	249.1	5.51	Clear
10:25 AM	12.53	100	0.50	3.50	24.90	128.60	1.80	5.34	252.5	4.21	Clear
10:30 AM	12.53	100	0.50	4.00	24.79	128.74	1.77	5.34	256.1	4.19	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-74	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 31.34		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-75	SAMPLE ID: W-75-2024-Q4	DATE: 10/4/2024 9:25:00 AM
TOTAL WELL DEPTH (feet) (A): 18.54	WATER TABLE DEPTH (feet) (B): 12.00	LENGTH OF WATER COLUMN (feet) (A-B): 6.54
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.07

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 13.54	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13.54	PURGING START TIME: 10/4/2024 8:30:00 AM	PURGING END TIME: 10/4/2024 9:20:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:35 AM	12.01	100	0.50	0.50	23.75	126.03	0.29	5.90	74.2	12.65	Clear
8:40 AM	12.01	100	0.50	1.00	23.66	124.69	0.26	5.89	70.6	12.23	Clear
8:45 AM	12.01	100	0.50	1.50	23.99	123.28	0.29	5.88	57.1	16.83	Clear
8:50 AM	12.01	100	0.50	2.00	24.11	123.45	0.27	5.91	38.0	8.93	Clear
8:55 AM	12.01	100	0.50	2.50	24.16	123.23	0.32	5.90	26.2	5.97	Clear
9:00 AM	12.01	100	0.50	3.00	24.20	123.85	0.27	5.91	13.3	14.56	Clear
9:05 AM	12.01	100	0.50	3.50	24.40	124.02	0.30	5.90	1.7	5.56	Clear
9:10 AM	12.01	100	0.50	4.00	24.59	124.62	0.31	5.93	-8.0	5.34	Clear
9:15 AM	12.01	100	0.50	4.50	24.78	125.21	0.33	5.93	-13.6	4.80	Clear
9:20 AM	12.01	100	0.50	5.00	25.11	125.27	0.30	5.93	-17.9	10.78	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-75	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 13.54		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-76	SAMPLE ID: W-76-2024-Q4	DATE: 10/2/2024 2:00:00 PM
TOTAL WELL DEPTH (feet) (A): 14.88	WATER TABLE DEPTH (feet) (B): 9.76	LENGTH OF WATER COLUMN (feet) (A-B): 5.12
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.00 - 15.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.84

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9.88	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9.88	PURGING START TIME: 10/2/2024 1:25:00 PM	PURGING END TIME: 10/2/2024 1:55:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:30 PM	9.85	90	0.45	0.45	28.34	187.89	4.39	4.88	263.9	12.83	Clear
1:35 PM	9.86	90	0.45	0.90	28.30	187.31	4.02	4.78	288.5	8.79	Clear
1:40 PM	9.87	90	0.45	1.35	28.19	186.93	3.82	4.74	306.0	9.45	Clear
1:45 PM	9.87	90	0.45	1.80	28.10	187.03	3.80	4.72	313.7	7.48	Clear
1:50 PM	9.87	90	0.45	2.25	27.84	187.18	3.77	4.74	318.7	6.47	Clear
1:55 PM	9.87	90	0.45	2.70	27.84	187.30	3.74	4.75	320.4	5.92	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-76	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 9.88		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-77	SAMPLE ID: W-77-2024-Q4	DATE: 10/22/2024 9:58:00 AM
TOTAL WELL DEPTH (feet) (A): 15.27	WATER TABLE DEPTH (feet) (B): 9.28	LENGTH OF WATER COLUMN (feet) (A-B): 5.99
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.98

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.27	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.27	PURGING START TIME: 10/22/2024 9:23:00 AM	PURGING END TIME: 10/22/2024 9:55:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:25 AM	9.33	200	0.00	0.00	19.10	0.06	6.90	12.16	-34.7	0.00	Clear
9:30 AM	9.35	200	1.00	1.00	24.73	5784.85	0.39	12.23	-130.0	0.00	Clear
9:35 AM	9.35	120	0.60	1.60	24.72	5154.94	0.36	12.17	-140.1	0.00	Clear
9:40 AM	9.35	120	0.60	2.20	24.86	4816.59	0.30	12.11	-138.4	0.00	Clear
9:45 AM	9.35	120	0.60	2.80	24.98	4656.82	0.27	12.08	-139.0	0.00	Clear
9:50 AM	9.35	120	0.60	3.40	25.17	4708.15	0.24	12.07	-139.8	0.00	Clear
9:55 AM	9.35	120	0.60	4.00	25.23	4850.61	0.20	12.09	-141.6	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-77	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 10.27		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-78	SAMPLE ID: W-78-2024-Q4	DATE: 10/2/2024 1:05:00 PM
TOTAL WELL DEPTH (feet) (A): 15.06	WATER TABLE DEPTH (feet) (B): 9.15	LENGTH OF WATER COLUMN (feet) (A-B): 5.91
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.96

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.06	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.06	PURGING START TIME: 10/2/2024 12:30:00 PM	PURGING END TIME: 10/2/2024 1:00:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:35 PM	9.18	100	0.50	0.50	27.18	253.54	4.72	6.11	181.1	15.46	Clear
12:40 PM	9.18	100	0.50	1.00	26.98	254.33	4.68	6.10	186.9	6.91	Clear
12:45 PM	9.18	100	0.50	1.50	26.96	255.05	4.71	6.11	188.2	5.68	Clear
12:50 PM	9.18	100	0.50	2.00	27.01	254.54	4.74	6.12	206.0	4.98	Clear
12:55 PM	9.18	100	0.50	2.50	26.98	253.55	4.71	6.14	209.9	4.35	Clear
1:00 PM	9.18	100	0.50	3.00	27.10	252.27	4.67	6.15	209.2	4.45	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-78	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 10.06		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-79	SAMPLE ID: W-79-2024-Q4	DATE: 10/2/2024 12:15:00 PM
TOTAL WELL DEPTH (feet) (A): 15.30	WATER TABLE DEPTH (feet) (B): 7.85	LENGTH OF WATER COLUMN (feet) (A-B): 7.45
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.22

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.3	PURGING START TIME: 10/2/2024 11:42:00 AM	PURGING END TIME: 10/2/2024 12:12:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:47 AM	7.98	200	0.00	0.00	28.67	194.57	6.63	6.38	147.4	0.00	Clear
11:52 AM	7.99	200	1.00	1.00	27.97	194.52	6.52	6.41	168.7	0.00	Clear
11:57 AM	7.99	160	0.80	1.80	27.69	193.71	6.33	6.38	182.7	0.00	Clear
12:02 PM	7.99	160	0.80	2.60	27.69	193.37	5.99	6.34	190.6	0.00	Clear
12:07 PM	7.99	160	0.80	3.40	27.69	193.48	5.78	6.33	194.3	0.00	Clear
12:12 PM	7.99	160	0.80	4.20	27.61	193.38	5.59	6.31	199.2	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-79	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 10.3		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-80	SAMPLE ID: W-80-2024-Q4	DATE: 10/2/2024 11:50:00 AM
TOTAL WELL DEPTH (feet) (A): 15.27	WATER TABLE DEPTH (feet) (B): 9.68	LENGTH OF WATER COLUMN (feet) (A-B): 5.59
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.91

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.27	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.27	PURGING START TIME: 10/2/2024 11:15:00 AM	PURGING END TIME: 10/2/2024 11:45:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:20 AM	9.95	90	0.45	0.45	29.44	243.55	2.93	5.71	204.7	5.30	Clear
11:25 AM	10.10	90	0.45	0.90	29.52	242.73	2.86	5.72	217.1	5.73	Clear
11:30 AM	10.34	90	0.45	1.35	29.73	244.71	2.81	5.69	225.3	5.00	Clear
11:35 AM	10.47	90	0.45	1.80	29.72	248.07	2.67	5.57	232.0	4.70	Clear
11:40 AM	10.60	90	0.45	2.25	30.38	249.28	2.62	5.51	238.4	4.89	Clear
11:45 AM	10.68	90	0.45	2.70	30.75	248.59	2.61	5.53	234.0	4.93	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-80	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 10.27		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-81	SAMPLE ID: W-81-2024-Q4	DATE: 10/2/2024 10:43:00 AM
TOTAL WELL DEPTH (feet) (A): 15.29	WATER TABLE DEPTH (feet) (B): 11.32	LENGTH OF WATER COLUMN (feet) (A-B): 3.97
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.65

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.29	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.29	PURGING START TIME: 10/2/2024 10:03:00 AM	PURGING END TIME: 10/2/2024 10:38:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:08 AM	11.86	100	0.50	0.50	23.70	131.00	0.21	5.16	216.0	5.43	Clear
10:13 AM	12.01	100	0.50	1.00	23.69	150.45	0.25	5.19	215.9	5.38	Clear
10:18 AM	12.12	100	0.50	1.50	23.69	177.57	0.48	5.25	215.5	4.02	Clear
10:23 AM	12.17	100	0.50	2.00	23.67	187.64	0.58	5.30	214.3	4.17	Clear
10:28 AM	12.22	100	0.50	2.50	23.65	193.69	0.66	5.33	212.3	4.10	Clear
10:33 AM	12.25	100	0.50	3.00	23.65	198.82	0.69	5.38	211.0	4.16	Clear
10:38 AM	12.28	100	0.50	3.50	23.66	204.37	0.80	5.39	211.8	3.98	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-81	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 10.29		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-82	SAMPLE ID: W-82-2024-Q4	DATE: 10/2/2024 9:30:00 AM
TOTAL WELL DEPTH (feet) (A): 15.26	WATER TABLE DEPTH (feet) (B): 12.01	LENGTH OF WATER COLUMN (feet) (A-B): 3.25
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 5.50 - 15.50 ft	CALCULATED SYSTEM VOLUME (gallons): 0.53

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.26	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.26	PURGING START TIME: 10/2/2024 8:20:00 AM	PURGING END TIME: 10/2/2024 9:25:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:25 AM	12.36	90	0.45	0.45	23.73	114.50	2.95	5.24	217.6	31.12	Clear
8:30 AM	12.59	90	0.45	0.90	23.87	104.89	3.07	5.17	227.1	26.44	Clear
8:35 AM	12.77	90	0.45	1.35	24.01	108.78	2.45	5.20	231.6	36.40	Clear
8:40 AM	12.80	90	0.45	1.80	23.85	116.05	2.00	5.26	225.2	61.10	Clear
8:45 AM	12.87	90	0.45	2.25	24.13	123.07	1.62	5.30	204.8	62.23	Clear
8:50 AM	12.93	90	0.45	2.70	24.17	124.02	1.41	5.31	200.3	68.19	Clear
8:55 AM	13.01	90	0.45	3.15	24.24	128.74	1.22	5.32	193.6	85.85	Clear
9:00 AM	13.08	90	0.45	3.60	24.23	134.57	1.07	5.33	190.9	112.54	Light brown
9:05 AM	13.19	90	0.45	4.05	24.25	137.42	0.84	5.34	186.0	121.73	Light brown
9:10 AM	13.20	90	0.45	4.50	24.19	140.13	0.78	5.34	184.4	133.31	Light brown
9:15 AM	13.22	90	0.45	4.95	24.16	145.76	0.65	5.33	185.3	142.69	Light brown
9:20 AM	13.23	90	0.45	5.40	24.29	148.79	0.55	5.33	191.0	118.66	Light brown
9:25 AM	13.27	90	0.45	5.85	24.36	149.38	0.55	5.31	194.8	115.23	Light brown

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-82	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 10.26		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-83	SAMPLE ID: W-83-2024-Q4	DATE: 10/1/2024 2:48:00 PM
TOTAL WELL DEPTH (feet) (A): 26.03	WATER TABLE DEPTH (feet) (B): 12.60	LENGTH OF WATER COLUMN (feet) (A-B): 13.43
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 16.50 - 26.50 ft	CALCULATED SYSTEM VOLUME (gallons): 2.19

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.03	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.03	PURGING START TIME: 10/1/2024 2:10:00 PM	PURGING END TIME: 10/1/2024 2:46:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:11 PM	12.90	0	0.00	0.00	27.01	150.59	6.33	5.53	126.3	5.81	Clear
2:16 PM	13.45	140	0.70	0.70	24.06	158.82	0.33	5.56	192.1	5.10	Clear
2:21 PM	13.64	140	0.70	1.40	24.78	153.29	0.42	5.50	209.2	5.07	Clear
2:26 PM	13.77	120	0.60	2.00	24.83	139.57	0.69	5.59	213.8	12.13	Clear
2:31 PM	13.77	120	0.60	2.60	24.67	139.23	0.74	5.61	213.6	12.55	Clear
2:36 PM	13.77	120	0.60	3.20	24.42	133.85	0.88	5.64	218.3	14.87	Clear
2:41 PM	13.77	120	0.60	3.80	24.16	130.84	0.91	5.65	222.4	18.66	Clear
2:46 PM	13.78	120	0.60	4.40	24.43	127.12	1.07	5.65	223.8	19.24	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-83	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 21.03		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-84	SAMPLE ID: W-84-2024-Q4	DATE: 10/1/2024 1:30:00 PM
TOTAL WELL DEPTH (feet) (A): 20.30	WATER TABLE DEPTH (feet) (B): 6.31	LENGTH OF WATER COLUMN (feet) (A-B): 13.99
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 11.00 - 21.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.28

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15.3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15.3	PURGING START TIME: 10/1/2024 1:06:00 PM	PURGING END TIME: 10/1/2024 1:27:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:07 PM	6.55	140	0.00	0.00	28.31	162.65	7.03	6.21	36.8	11.24	Clear
1:12 PM	6.99	140	0.70	0.70	26.21	211.06	0.40	6.21	23.6	0.00	Clear
1:17 PM	7.27	140	0.00	0.70	26.33	210.91	0.24	6.20	26.0	0.00	Clear
1:22 PM	7.57	140	0.00	0.70	26.38	210.92	0.20	6.17	29.0	2.21	Clear
1:27 PM	7.87	140	0.00	0.70	26.38	207.14	0.13	6.13	33.3	13.91	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-84	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 15.3		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-85	SAMPLE ID: W-85-2024-Q4	DATE: 10/15/2024 10:28:00 AM
TOTAL WELL DEPTH (feet) (A): 47.75	WATER TABLE DEPTH (feet) (B): 19.78	LENGTH OF WATER COLUMN (feet) (A-B): 27.97
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 40.00 - 45.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.56

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 45.25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 45.25	PURGING START TIME: 10/15/2024 9:43:00 AM	PURGING END TIME: 10/15/2024 10:26:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:46 AM	20.18	100	0.00	100.00	18.17	592.02	5.42	10.79	-125.9	0.00	Clear
9:51 AM	20.43	100	0.50	100.50	18.69	616.97	2.32	11.79	-86.2	0.00	Clear
9:56 AM	20.43	100	0.50	101.00	18.81	604.32	2.39	11.79	-75.2	0.00	Clear
10:01 AM	20.43	100	0.50	101.50	18.97	592.71	2.08	11.78	-69.1	0.00	Clear
10:06 AM	20.43	100	0.50	102.00	19.22	579.86	1.95	11.77	-66.0	0.00	Clear
10:11 AM	20.43	100	0.50	102.50	19.10	572.29	1.69	11.76	-64.6	0.00	Clear
10:16 AM	20.43	100	0.50	103.00	19.32	566.14	1.90	11.76	-63.4	0.00	Clear
10:21 AM	20.47	100	0.50	103.50	19.39	559.78	1.76	11.75	-63.1	0.00	Clear
10:26 AM	20.49	100	0.50	104.00	19.54	551.46	1.60	11.74	-62.6	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-85	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 45.25		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-86	SAMPLE ID: W-86-2024-Q4	DATE: 10/15/2024 9:25:00 AM
TOTAL WELL DEPTH (feet) (A): 38.20	WATER TABLE DEPTH (feet) (B): 18.81	LENGTH OF WATER COLUMN (feet) (A-B): 19.39
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.00 - 35.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.16

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33.2	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33.2	PURGING START TIME: 10/15/2024 8:55:00 AM	PURGING END TIME: 10/15/2024 9:23:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:58 AM	19.19	0	0.00	0.00	16.09	263.02	7.02	5.54	99.0	17.18	Clear
9:03 AM	19.47	100	0.50	0.50	16.83	260.16	1.02	5.80	113.6	6.87	Clear
9:08 AM	19.63	100	0.50	1.00	17.32	260.89	0.63	5.79	112.6	6.60	Clear
9:13 AM	19.68	100	0.50	1.50	17.46	261.13	0.51	5.79	112.9	2.23	Clear
9:18 AM	19.68	100	0.50	2.00	17.37	261.29	0.41	5.78	114.6	0.55	Clear
9:23 AM	19.74	100	0.50	2.50	17.65	260.41	0.34	5.78	114.9	0.63	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-86	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 33.2		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-87	SAMPLE ID: W-87-2024-Q4	DATE: 10/7/2024 12:03:00 PM
TOTAL WELL DEPTH (feet) (A): 32.85	WATER TABLE DEPTH (feet) (B): 7.64	LENGTH OF WATER COLUMN (feet) (A-B): 25.21
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 28.00 - 33.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.11

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.35	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.35	PURGING START TIME: 10/7/2024 11:38:00 AM	PURGING END TIME: 10/7/2024 12:01:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:41 AM	7.90	0	0.00	0.00	24.64	91.40	1.98	6.34	153.0	5.22	Clear
11:46 AM	8.07	140	0.70	0.70	24.64	93.87	0.62	6.34	151.6	4.90	Clear
11:51 AM	8.16	140	0.70	1.40	24.36	95.19	0.34	6.40	151.3	2.11	Clear
11:56 AM	8.17	140	0.70	2.10	24.20	95.56	0.23	6.39	156.1	2.40	Clear
12:01 PM	8.17	140	0.70	2.80	24.41	94.84	0.18	6.40	156.6	3.66	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-87	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 30.35		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-88	SAMPLE ID: W-88-2024-Q4	DATE: 10/8/2024 2:15:00 PM
TOTAL WELL DEPTH (feet) (A): 44.33	WATER TABLE DEPTH (feet) (B): 23.01	LENGTH OF WATER COLUMN (feet) (A-B): 21.32
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 36.50 - 41.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.48

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 41.83	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 41.83	PURGING START TIME: 10/8/2024 1:45:00 PM	PURGING END TIME: 10/8/2024 2:10:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:50 PM	23.14	100	0.50	0.50	23.91	63.44	6.58	5.44	248.8	4.68	Clear
1:55 PM	23.23	100	0.50	1.00	21.94	65.19	6.22	5.42	278.5	5.72	Clear
2:00 PM	23.26	100	0.50	1.50	21.81	65.54	6.11	5.34	287.3	10.07	Clear
2:05 PM	23.28	100	0.50	2.00	21.54	65.45	6.18	5.33	289.2	10.57	Clear
2:10 PM	23.29	100	0.50	2.50	21.52	65.37	6.16	5.30	290.3	16.69	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-88	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 41.83		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-89	SAMPLE ID: W-89-2024-Q4	DATE: 10/8/2024 1:25:00 PM
TOTAL WELL DEPTH (feet) (A): 28.17	WATER TABLE DEPTH (feet) (B): 21.94	LENGTH OF WATER COLUMN (feet) (A-B): 6.23
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.50 - 25.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.02

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.17	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23.17	PURGING START TIME: 10/8/2024 12:55:00 PM	PURGING END TIME: 10/8/2024 1:20:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:00 PM	21.95	100	0.50	0.50	23.09	58.81	5.79	5.35	267.0	10.14	Clear
1:05 PM	21.95	100	0.50	1.00	22.92	58.56	5.80	5.33	273.7	7.79	Clear
1:10 PM	21.95	100	0.50	1.50	22.53	58.74	5.67	5.34	273.0	8.08	Clear
1:15 PM	21.95	100	0.50	2.00	22.76	58.78	5.62	5.34	274.4	6.64	Clear
1:20 PM	21.95	100	0.50	2.50	22.78	58.59	5.61	5.34	277.7	7.46	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-89	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 23.17		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-90	SAMPLE ID: W-90-2024-Q4	DATE: 10/11/2024 9:00:00 AM
TOTAL WELL DEPTH (feet) (A): 43.02	WATER TABLE DEPTH (feet) (B): 26.85	LENGTH OF WATER COLUMN (feet) (A-B): 16.17
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 35.00 - 40.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.64

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 40.52	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 40.52	PURGING START TIME: 10/11/2024 8:05:00 AM	PURGING END TIME: 10/11/2024 8:55:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:10 AM	26.96	80	0.40	0.40	14.92	67.15	5.54	5.35	273.4	4.43	Clear
8:15 AM	26.97	80	0.40	0.80	15.78	63.04	4.15	5.30	281.5	4.51	Clear
8:20 AM	26.97	80	0.40	1.20	16.22	62.60	4.19	5.28	283.9	4.43	Clear
8:25 AM	26.97	80	0.40	1.60	16.06	62.46	4.21	5.29	286.2	4.38	Clear
8:30 AM	26.97	80	0.40	2.00	17.08	62.31	4.09	5.30	290.2	4.38	Clear
8:35 AM	26.97	80	0.40	2.40	17.67	62.19	4.01	5.27	294.2	4.51	Clear
8:40 AM	26.97	80	0.40	2.80	20.25	62.15	3.71	5.26	295.3	4.94	Clear
8:45 AM	26.97	80	0.40	3.20	16.77	62.47	4.13	5.25	299.2	4.24	Clear
8:50 AM	26.97	80	0.40	3.60	16.76	62.46	4.13	5.25	302.5	4.11	Clear
8:55 AM	26.97	80	0.40	4.00	16.71	62.41	4.15	5.26	303.8	4.45	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-90	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 40.52		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-91	SAMPLE ID: W-91-2024-Q4	DATE: 10/11/2024 10:00:00 AM
TOTAL WELL DEPTH (feet) (A): 28.24	WATER TABLE DEPTH (feet) (B): 26.76	LENGTH OF WATER COLUMN (feet) (A-B): 1.48
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 15.00 - 25.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.24

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.24	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 23.24	PURGING START TIME: 10/11/2024 9:25:00 AM	PURGING END TIME: 10/11/2024 9:55:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:30 AM	26.96	80	0.40	0.40	18.32	46.85	5.26	5.20	297.6	145.89	Clear
9:35 AM	26.96	80	0.40	0.80	18.44	46.79	5.97	5.27	294.5	32.02	Clear
9:40 AM	26.96	80	0.40	1.20	18.79	46.49	5.70	5.23	289.2	7.65	Clear
9:45 AM	26.96	80	0.40	1.60	18.78	46.51	5.67	5.23	295.8	4.07	Clear
9:50 AM	26.96	80	0.40	2.00	18.86	46.46	5.59	5.21	303.4	3.68	Clear
9:55 AM	26.96	80	0.40	2.40	19.19	46.38	5.59	5.21	298.2	3.64	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-91	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 23.24		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-92	SAMPLE ID: W-92-2024-Q4	DATE: 10/17/2024 10:00:00 AM
TOTAL WELL DEPTH (feet) (A): 36.83	WATER TABLE DEPTH (feet) (B): 14.37	LENGTH OF WATER COLUMN (feet) (A-B): 22.46
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.67

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.33	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.33	PURGING START TIME: 10/17/2024 9:30:00 AM	PURGING END TIME: 10/17/2024 9:55:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:35 AM	14.37	100	0.50	0.50	16.11	215.62	0.69	5.66	7.7	2.25	Clear
9:40 AM	14.37	100	0.50	1.00	16.86	213.21	0.27	5.69	0.3	3.04	Clear
9:45 AM	14.37	100	0.50	1.50	17.32	214.00	0.19	5.73	-4.7	8.16	Clear
9:50 AM	14.37	100	0.50	2.00	17.45	216.31	0.17	5.75	-8.7	11.61	Clear
9:55 AM	14.37	100	0.50	2.50	17.56	220.18	0.15	5.75	-10.9	16.41	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-92	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 34.33		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-93	SAMPLE ID: W-93-2024-Q4	DATE: 10/3/2024 12:55:00 PM
TOTAL WELL DEPTH (feet) (A): 34.92	WATER TABLE DEPTH (feet) (B): 9.21	LENGTH OF WATER COLUMN (feet) (A-B): 25.71
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 30.50 - 35.50 ft	CALCULATED SYSTEM VOLUME (gallons): 4.20

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.42	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.42	PURGING START TIME: 10/3/2024 12:15:00 PM	PURGING END TIME: 10/3/2024 12:50:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:20 PM	9.29	100	0.50	0.50	25.43	143.23	1.18	5.34	178.4	13.14	Clear
12:25 PM	9.29	100	0.50	1.00	25.67	143.50	1.06	5.33	221.3	7.18	Clear
12:30 PM	9.29	100	0.50	1.50	25.70	143.45	1.02	5.35	234.0	7.25	Clear
12:35 PM	9.29	100	0.50	2.00	25.80	143.54	0.99	5.37	240.0	4.55	Clear
12:40 PM	9.29	100	0.50	2.50	25.81	143.36	0.98	5.39	247.4	4.18	Clear
12:45 PM	9.29	100	0.50	3.00	25.71	143.26	0.97	5.40	250.6	4.17	Clear
12:50 PM	9.29	100	0.50	3.50	25.36	142.81	0.96	5.41	252.6	4.21	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-93	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 32.42		DUPLICATE: W-93-2024-Q4-DUP
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-94	SAMPLE ID: W-94-2024-Q4	DATE: 10/18/2024 10:27:00 AM
TOTAL WELL DEPTH (feet) (A): 31.95	WATER TABLE DEPTH (feet) (B): 8.60	LENGTH OF WATER COLUMN (feet) (A-B): 23.35
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 24.50 - 29.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.81

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29.45	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29.45	PURGING START TIME: 10/18/2024 10:04:00 AM	PURGING END TIME: 10/18/2024 10:25:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:05 AM	8.65	0	0.00	0.00	16.18	107.69	7.46	5.70	154.1	0.00	Clear
10:10 AM	8.65	140	0.70	0.70	18.10	115.87	0.40	6.05	28.1	0.00	Clear
10:15 AM	8.65	140	0.70	1.40	18.14	115.21	0.28	6.04	25.6	0.00	Clear
10:20 AM	8.65	140	0.70	2.10	18.32	114.88	0.22	6.03	22.8	0.00	Clear
10:25 AM	8.65	140	0.70	2.80	18.31	114.40	0.21	6.03	22.1	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-94	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 29.45		DUPLICATE: W-94-2024-Q4-DUP
FIELD EQUIPMENT USED: Field param meter: Aqua Troll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-95	SAMPLE ID: W-95-2024-Q4	DATE: 10/18/2024 11:29:00 AM
TOTAL WELL DEPTH (feet) (A): 36.27	WATER TABLE DEPTH (feet) (B): 7.15	LENGTH OF WATER COLUMN (feet) (A-B): 29.12
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 28.50 - 33.50 ft	CALCULATED SYSTEM VOLUME (gallons): 4.75

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33.77	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33.77	PURGING START TIME: 10/18/2024 11:00:00 AM	PURGING END TIME: 10/18/2024 11:27:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:02 AM	7.15	120	0.00	0.00	21.38	198.50	4.74	6.27	-20.2	4.24	Clear
11:07 AM	7.15	120	0.60	0.60	19.75	212.95	0.75	6.30	-39.8	0.16	Clear
11:12 AM	7.15	120	0.60	1.20	19.94	214.11	0.52	6.29	-44.4	0.00	Clear
11:17 AM	7.15	120	0.60	1.80	20.03	216.02	0.36	6.29	-46.9	0.00	Clear
11:22 AM	7.15	120	0.60	2.40	19.90	218.42	0.29	6.29	-47.7	0.00	Clear
11:27 AM	7.15	120	0.60	3.00	19.86	219.02	0.23	6.29	-50.0	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-95	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 33.77		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aqua Troll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-96	SAMPLE ID: W-96-2024-Q4	DATE: 10/17/2024 9:06:00 AM
TOTAL WELL DEPTH (feet) (A): 32.80	WATER TABLE DEPTH (feet) (B): 7.53	LENGTH OF WATER COLUMN (feet) (A-B): 25.27
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.00 - 30.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.12

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.3	PURGING START TIME: 10/17/2024 8:37:00 AM	PURGING END TIME: 10/17/2024 9:04:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:39 AM	7.53	0	0.00	0.00	15.13	207.90	9.22	6.30	141.8	12.88	Clear
8:44 AM	7.53	140	0.70	0.70	17.93	199.47	0.52	5.65	213.5	0.00	Clear
8:49 AM	7.53	140	0.70	1.40	18.43	200.57	0.39	5.62	231.3	0.00	Clear
8:54 AM	7.53	140	0.70	2.10	18.83	200.47	0.20	5.61	239.4	0.00	Clear
8:59 AM	7.53	140	0.70	2.80	18.95	200.65	0.15	5.61	245.8	7.22	Clear
9:04 AM	7.53	140	0.70	3.50	19.06	199.70	0.13	5.61	247.3	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-96	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 30.3		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aqua Troll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-97	SAMPLE ID: W-97-2024-Q4	DATE: 10/16/2024 2:16:00 PM
TOTAL WELL DEPTH (feet) (A): 21.94	WATER TABLE DEPTH (feet) (B): 4.35	LENGTH OF WATER COLUMN (feet) (A-B): 17.59
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 14.00 - 19.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.87

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 19.44	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 19.44	PURGING START TIME: 10/16/2024 1:47:00 PM	PURGING END TIME: 10/16/2024 2:14:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:49 PM	4.35	140	0.00	0.00	20.98	279.68	3.65	5.98	149.1	0.00	Clear
1:54 PM	4.35	140	0.70	0.70	20.89	291.16	0.33	6.03	158.9	0.00	Clear
1:59 PM	4.35	140	0.70	1.40	20.76	290.27	0.16	6.02	163.4	0.00	Clear
2:04 PM	4.35	140	0.70	2.10	20.66	288.68	0.10	6.03	169.6	0.00	Clear
2:09 PM	4.35	140	0.70	2.80	20.97	287.16	0.09	6.01	174.7	0.00	Clear
2:14 PM	4.35	140	0.70	3.50	20.74	286.78	0.07	6.01	169.3	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-97	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 19.44		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-98	SAMPLE ID: W-98-2024-Q4	DATE: 10/14/2024 9:25:00 AM
TOTAL WELL DEPTH (feet) (A): 29.89	WATER TABLE DEPTH (feet) (B): 23.53	LENGTH OF WATER COLUMN (feet) (A-B): 6.36
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 17.00 - 27.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.04

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.89	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.89	PURGING START TIME: 10/14/2024 8:25:00 AM	PURGING END TIME: 10/14/2024 9:20:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:30 AM	23.64	80	0.40	0.40	20.07	149.22	2.43	5.61	105.3	28.27	Clear
8:35 AM	23.64	80	0.40	0.80	19.51	150.59	1.41	5.61	103.9	23.94	Clear
8:40 AM	23.64	80	0.40	1.20	19.56	152.45	1.21	5.63	98.4	18.80	Clear
8:45 AM	23.64	80	0.40	1.60	19.46	155.32	1.11	5.65	92.7	15.35	Clear
8:50 AM	23.64	80	0.40	2.00	19.45	156.95	1.09	5.64	88.3	17.99	Clear
8:55 AM	23.64	80	0.40	2.40	20.66	151.96	0.91	5.62	85.9	12.59	Clear
9:00 AM	23.63	80	0.40	2.80	19.42	154.85	0.96	5.62	83.1	9.77	Clear
9:05 AM	23.64	80	0.40	3.20	20.54	156.98	0.94	5.61	82.3	9.94	Clear
9:10 AM	23.64	80	0.40	3.60	19.99	150.66	1.03	5.58	84.0	8.68	Clear
9:15 AM	23.64	80	0.40	4.00	19.50	150.59	1.14	5.55	83.4	8.07	Clear
9:20 AM	23.64	80	0.40	4.40	19.48	151.13	1.21	5.57	81.6	7.79	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-98	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 24.89		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-99	SAMPLE ID: W-99-2024-Q4	DATE: 10/11/2024 11:27:00 AM
TOTAL WELL DEPTH (feet) (A): 23.93	WATER TABLE DEPTH (feet) (B): 11.90	LENGTH OF WATER COLUMN (feet) (A-B): 12.03
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 16.00 - 21.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.96

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.43	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.43	PURGING START TIME: 10/11/2024 10:29:00 AM	PURGING END TIME: 10/11/2024 11:25:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:30 AM	12.30	120	0.00	0.00	20.02	0.06	7.94	6.31	173.1	0.00	Clear
10:35 AM	12.63	120	0.60	0.60	22.49	141.71	0.47	5.95	162.5	0.65	Clear
10:40 AM	12.80	120	0.60	1.20	22.65	244.67	0.26	6.31	66.0	0.15	Clear
10:45 AM	12.75	100	0.50	1.70	22.55	333.11	0.23	6.49	14.0	0.00	Clear
10:50 AM	12.75	100	0.50	2.20	22.77	373.24	0.20	6.56	-10.9	0.00	Clear
10:55 AM	12.75	100	0.50	2.70	22.86	414.41	0.18	6.62	-31.4	0.00	Clear
11:00 AM	12.75	100	0.50	3.20	23.00	403.71	0.17	6.63	-36.3	0.00	Clear
11:05 AM	12.75	100	0.50	3.70	23.03	434.58	0.16	6.66	-44.0	0.00	Clear
11:10 AM	12.75	100	0.50	4.20	22.98	456.60	0.15	6.69	-50.1	0.00	Clear
11:15 AM	12.75	100	0.50	4.70	23.19	446.19	0.15	6.68	-50.0	0.00	Clear
11:20 AM	12.75	100	0.50	5.20	23.22	467.49	0.14	6.71	-54.8	0.00	Clear
11:25 AM	12.75	100	0.50	5.70	23.26	456.18	0.13	6.70	-52.8	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-99	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 21.43		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-100	SAMPLE ID: W-100-2024-Q4	DATE: 10/11/2024 12:21:00 PM
TOTAL WELL DEPTH (feet) (A): 15.10	WATER TABLE DEPTH (feet) (B): 10.33	LENGTH OF WATER COLUMN (feet) (A-B): 4.77
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 7.00 - 12.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.78

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.6	PURGING START TIME: 10/11/2024 11:47:00 AM	PURGING END TIME: 10/11/2024 12:19:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:49 AM	10.37	140	0.00	0.00	25.18	475.21	4.08	6.34	89.0	1.37	Clear
11:54 AM	10.40	140	0.70	0.70	24.22	402.39	0.89	6.15	112.8	0.00	Clear
11:59 AM	10.38	140	0.70	1.40	24.35	369.65	1.23	6.10	117.1	0.00	Clear
12:04 PM	10.38	140	0.70	2.10	24.49	360.16	1.39	6.10	118.5	0.00	Clear
12:09 PM	10.38	140	0.70	2.80	24.58	346.46	1.55	6.08	120.6	0.00	Clear
12:14 PM	10.38	140	0.70	3.50	24.64	344.51	1.68	6.11	119.5	0.00	Clear
12:19 PM	10.38	140	0.70	4.20	24.63	353.76	1.58	6.12	117.5	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-100	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 12.6		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-102	SAMPLE ID: W-102-2024-Q4	DATE: 10/3/2024 9:56:00 AM
TOTAL WELL DEPTH (feet) (A): 33.45	WATER TABLE DEPTH (feet) (B): 10.05	LENGTH OF WATER COLUMN (feet) (A-B): 23.40
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 28.50 - 33.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.82

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.95	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.95	PURGING START TIME: 10/3/2024 9:13:00 AM	PURGING END TIME: 10/3/2024 9:55:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:15 AM	10.25	120	0.00	0.00	30.82	0.05	6.17	6.58	127.5	0.00	Clear
9:20 AM	10.27	120	0.60	0.60	24.61	1030.17	0.64	6.58	143.7	0.00	Clear
9:25 AM	10.28	140	0.70	1.30	24.35	998.61	0.39	6.56	152.2	0.00	Clear
9:30 AM	10.27	140	0.70	2.00	24.09	912.01	0.26	6.53	155.9	0.00	Clear
9:35 AM	10.27	120	0.60	2.60	24.75	878.01	0.24	6.53	158.5	0.00	Clear
9:40 AM	10.27	140	0.70	3.30	24.64	867.21	0.20	6.53	161.5	0.00	Clear
9:45 AM	10.27	140	0.70	4.00	24.41	799.79	0.18	6.50	164.5	0.00	Clear
9:50 AM	10.27	140	0.70	4.70	24.54	812.79	0.18	6.49	165.0	2.23	Clear
9:55 AM	10.27	120	0.60	5.30	24.60	788.84	0.17	6.49	165.4	1.54	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-102	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 30.95		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-103	SAMPLE ID: W-103-2024-Q4	DATE: 10/15/2024 10:50:00 AM
TOTAL WELL DEPTH (feet) (A): 41.78	WATER TABLE DEPTH (feet) (B): 17.69	LENGTH OF WATER COLUMN (feet) (A-B): 24.09
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 34.50 - 39.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.93

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 39.28	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 39.28	PURGING START TIME: 10/15/2024 9:55:00 AM	PURGING END TIME: 10/15/2024 10:45:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:00 AM	17.73	80	0.40	0.40	18.07	143.48	1.98	5.56	250.9	5.97	Clear
10:05 AM	17.73	80	0.40	0.80	18.21	145.84	1.70	5.56	266.2	9.48	Clear
10:10 AM	17.73	80	0.40	1.20	18.32	148.10	1.46	5.57	267.6	6.20	Clear
10:15 AM	17.73	80	0.40	1.60	34.10	159.53	0.66	5.64	270.2	4.39	Clear
10:20 AM	17.73	80	0.40	2.00	35.55	160.31	0.70	5.65	271.9	5.04	Clear
10:25 AM	17.73	80	0.40	2.40	18.83	148.11	1.25	5.61	270.8	3.54	Clear
10:30 AM	17.73	80	0.40	2.80	36.99	161.56	0.66	5.66	274.3	3.48	Clear
10:35 AM	17.73	80	0.40	3.20	18.60	147.49	1.37	5.62	274.4	3.44	Clear
10:40 AM	17.73	80	0.40	3.60	18.52	148.06	1.35	5.62	274.1	3.49	Clear
10:45 AM	17.73	80	0.40	4.00	18.60	147.38	1.33	5.61	275.9	3.45	Clear

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-103	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 39.28		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aqutroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS: Some temperature and DO values anomalous, stability determined based on other parameters.		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-104	SAMPLE ID: W-104-2024-Q4	DATE: 10/17/2024 11:02:00 AM
TOTAL WELL DEPTH (feet) (A): 20.37	WATER TABLE DEPTH (feet) (B): 5.96	LENGTH OF WATER COLUMN (feet) (A-B): 14.41
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 7.50 - 17.50 ft	CALCULATED SYSTEM VOLUME (gallons): 2.35

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15.37	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15.37	PURGING START TIME: 10/17/2024 10:23:00 AM	PURGING END TIME: 10/17/2024 11:00:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:25 AM	5.96	140	0.00	0.00	20.70	252.17	4.89	6.22	100.3	10.47	Clear
10:30 AM	5.96	140	0.70	0.70	20.40	253.07	0.43	5.59	172.9	3.66	Clear
10:35 AM	5.96	140	0.70	1.40	20.45	240.83	0.27	5.57	175.7	0.00	Clear
10:40 AM	5.96	140	0.70	2.10	20.53	229.36	0.20	5.55	177.3	0.00	Clear
10:45 AM	5.96	140	0.70	2.80	20.56	219.20	0.15	5.52	181.3	0.00	Clear
10:50 AM	5.96	140	0.70	3.50	20.16	206.92	0.09	5.50	186.4	0.00	Clear
10:55 AM	5.96	140	0.70	4.20	20.39	203.72	0.08	5.49	190.4	0.00	Clear
11:00 AM	5.96	140	0.70	4.90	20.40	200.74	0.08	5.47	194.2	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-104	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 15.37		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aqua Troll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-105	SAMPLE ID: W-105-2024-Q4	DATE: 10/17/2024 1:50:00 PM
TOTAL WELL DEPTH (feet) (A): 26.93	WATER TABLE DEPTH (feet) (B): 7.82	LENGTH OF WATER COLUMN (feet) (A-B): 19.11
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 14.00 - 24.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.12

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21.93	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21.93	PURGING START TIME: 10/17/2024 12:59:00 PM	PURGING END TIME: 10/17/2024 1:45:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:05 PM	7.94	100	0.50	0.50	19.05	371.23	0.53	5.89	22.8	101.61	Light brown
1:10 PM	7.95	100	0.50	1.00	19.03	367.69	0.32	5.89	19.0	70.44	Clear
1:15 PM	7.95	100	0.50	1.50	19.01	367.30	0.23	5.90	17.0	35.62	Clear
1:20 PM	7.95	100	0.50	2.00	19.10	367.71	0.18	5.90	15.7	27.95	Clear
1:25 PM	7.95	100	0.50	2.50	19.13	367.50	0.16	5.91	14.1	30.96	Clear
1:30 PM	7.95	100	0.50	3.00	19.00	367.37	0.14	5.92	13.3	20.13	Clear
1:35 PM	7.95	100	0.50	3.50	19.01	367.28	0.13	5.93	12.0	14.50	Clear
1:40 PM	7.95	100	0.50	4.00	19.08	367.10	0.12	5.94	10.9	11.15	Clear
1:45 PM	7.95	100	0.50	4.50	19.12	367.04	0.11	5.93	10.0	11.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-105	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 21.93		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-106	SAMPLE ID: W-106-2024-Q4	DATE: 10/14/2024 12:44:00 PM
TOTAL WELL DEPTH (feet) (A): 32.68	WATER TABLE DEPTH (feet) (B): 9.57	LENGTH OF WATER COLUMN (feet) (A-B): 23.11
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 24.50 - 29.50 ft	CALCULATED SYSTEM VOLUME (gallons): 3.77

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.18	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.18	PURGING START TIME: 10/14/2024 12:19:00 PM	PURGING END TIME: 10/14/2024 12:42:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:22 PM	9.57	100	0.00	0.00	23.69	354.74	3.77	6.43	-39.7	0.00	Clear
12:27 PM	9.57	120	0.60	0.60	21.15	384.58	0.19	6.09	-36.8	2.25	Clear
12:32 PM	9.57	120	0.60	1.20	21.36	377.59	0.13	6.08	-38.1	18.18	Clear
12:37 PM	9.57	120	0.60	1.80	21.16	373.98	0.09	6.08	-37.9	3.59	Clear
12:42 PM	9.57	120	0.60	2.40	21.17	377.65	0.06	6.07	-39.2	7.77	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-106	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 30.18		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll600 # WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-107	SAMPLE ID: W-107-2024-Q4	DATE: 10/18/2024 1:14:00 PM
TOTAL WELL DEPTH (feet) (A): 37.25	WATER TABLE DEPTH (feet) (B): 6.22	LENGTH OF WATER COLUMN (feet) (A-B): 31.03
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 5.06

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.75	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.75	PURGING START TIME: 10/18/2024 12:45:00 PM	PURGING END TIME: 10/18/2024 1:12:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:47 PM	6.24	120	0.00	0.00	26.27	76.68	2.93	5.80	57.6	0.00	Clear
12:52 PM	6.24	120	0.60	0.60	21.10	193.24	0.76	6.02	-16.9	0.00	Clear
12:57 PM	6.24	120	0.60	1.20	20.84	193.18	0.51	6.03	-18.7	0.00	Clear
1:02 PM	6.24	120	0.60	1.80	20.49	193.10	0.32	6.07	-20.6	0.00	Clear
1:07 PM	6.24	120	0.60	2.40	20.59	192.65	0.25	6.08	-22.1	0.53	Clear
1:12 PM	6.24	120	0.60	3.00	20.23	192.69	0.23	6.09	-22.4	0.90	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-107	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 34.75		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aqua Troll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-108	SAMPLE ID: W-108-2024-Q4	DATE: 10/17/2024 3:25:00 PM
TOTAL WELL DEPTH (feet) (A): 35.87	WATER TABLE DEPTH (feet) (B): 6.46	LENGTH OF WATER COLUMN (feet) (A-B): 29.41
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 27.00 - 32.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.80

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 33.37	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 33.37	PURGING START TIME: 10/17/2024 2:15:00 PM	PURGING END TIME: 10/17/2024 3:20:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:20 PM	6.47	120	0.60	0.60	20.17	161.29	0.33	6.21	-3.7	99.75	Light brown
2:25 PM	6.47	120	0.60	1.20	20.43	164.12	0.20	6.28	-9.7	88.39	Light brown
2:30 PM	6.47	120	0.60	1.80	20.47	164.22	0.17	6.31	-11.4	81.12	Clear
2:35 PM	6.47	120	0.60	2.40	20.40	164.13	0.13	6.33	-12.3	73.83	Clear
2:40 PM	6.47	120	0.60	3.00	20.50	164.96	0.12	6.32	-13.0	66.58	Clear
2:45 PM	6.47	120	0.60	3.60	20.46	165.36	0.11	6.33	-13.7	59.43	Clear
2:50 PM	6.47	120	0.60	4.20	20.35	164.01	0.10	6.97	-13.5	50.66	Clear
2:55 PM	6.47	120	0.60	4.80	20.33	164.32	0.10	6.97	-12.5	44.38	Clear
3:00 PM	6.47	120	0.60	5.40	20.19	164.76	0.09	6.97	-14.0	34.68	Clear
3:05 PM	6.47	120	0.60	6.00	20.20	164.64	0.09	6.92	-14.2	32.08	Clear
3:10 PM	6.47	120	0.60	6.60	20.00	164.87	0.09	6.88	-12.2	24.14	Clear
3:15 PM	6.47	120	0.60	7.20	19.97	164.78	0.08	6.96	-13.1	25.00	Clear
3:20 PM	6.47	120	0.60	7.80	19.94	164.85	0.08	6.97	-13.2	24.55	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-108	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 33.37		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-109	SAMPLE ID: W-109-2024-Q4	DATE: 10/18/2024 10:40:00 AM
TOTAL WELL DEPTH (feet) (A): 34.97	WATER TABLE DEPTH (feet) (B): 6.73	LENGTH OF WATER COLUMN (feet) (A-B): 28.24
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 27.00 - 32.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.61

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.47	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.47	PURGING START TIME: 10/18/2024 9:30:00 AM	PURGING END TIME: 10/18/2024 10:35:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:35 AM	6.74	100	0.50	0.50	19.31	117.93	1.82	5.92	33.1	4771.00	Brown
9:40 AM	6.74	100	0.50	1.00	19.23	97.79	2.56	5.90	23.3	648.00	Brown
9:45 AM	6.74	100	0.50	1.50	19.42	95.11	0.35	5.88	18.1	191.06	Light brown
9:50 AM	6.74	100	0.50	2.00	19.47	95.17	0.22	5.89	13.2	121.04	Clear
9:55 AM	6.74	100	0.50	2.50	19.41	95.03	0.18	5.91	11.5	105.70	Light brown
10:00 AM	6.74	100	0.50	3.00	19.52	94.93	0.14	5.90	9.4	75.68	Clear
10:05 AM	6.74	100	0.50	3.50	19.54	94.36	0.13	5.93	7.4	67.23	Clear
10:10 AM	6.74	100	0.50	4.00	19.57	94.52	0.11	5.94	5.5	48.96	Clear
10:15 AM	6.74	100	0.50	4.50	19.71	94.20	0.11	5.95	3.9	49.21	Clear
10:20 AM	6.74	100	0.50	5.00	19.80	94.20	0.12	5.97	2.2	63.30	Clear
10:25 AM	6.74	100	0.50	5.50	19.83	94.86	0.12	5.98	1.5	41.22	Clear
10:30 AM	6.74	100	0.50	6.00	19.81	94.70	0.11	6.00	0.6	56.15	Clear
10:35 AM	6.74	100	0.50	6.50	19.86	94.90	0.11	6.00	0.4	41.39	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-109	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 32.47		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-110	SAMPLE ID: W-110-2024-Q4	DATE: 10/21/2024 2:35:00 PM
TOTAL WELL DEPTH (feet) (A): 36.98	WATER TABLE DEPTH (feet) (B): 7.35	LENGTH OF WATER COLUMN (feet) (A-B): 29.63
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.84

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.48	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.48	PURGING START TIME: 10/21/2024 1:25:00 PM	PURGING END TIME: 10/21/2024 2:25:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:30 PM	7.35	100	0.50	0.50	21.22	29.82	1.00	5.11	104.6	76.16	Clear
1:35 PM	7.35	100	0.50	1.00	20.94	30.68	0.42	5.13	104.4	82.18	Clear
1:40 PM	7.35	100	0.50	1.50	20.88	31.15	0.33	5.24	100.3	59.16	Clear
1:45 PM	7.35	100	0.50	2.00	20.97	32.00	0.30	5.32	93.7	44.17	Clear
1:50 PM	7.35	100	0.50	2.50	20.85	32.59	0.25	5.36	91.4	41.41	Clear
1:55 PM	7.35	100	0.50	3.00	20.94	33.91	0.23	5.41	88.2	35.37	Clear
2:00 PM	7.35	100	0.50	3.50	20.90	34.34	0.21	5.42	85.2	30.20	Clear
2:05 PM	7.35	100	0.50	4.00	21.02	34.71	0.20	5.41	83.3	27.20	Clear
2:10 PM	7.35	100	0.50	4.50	20.86	36.03	0.19	5.45	79.6	22.60	Clear
2:15 PM	7.35	100	0.50	5.00	20.77	36.11	0.17	5.47	77.0	29.31	Clear
2:20 PM	7.35	100	0.50	5.50	20.95	36.38	0.17	5.45	76.2	21.18	Clear
2:25 PM	7.35	100	0.50	6.00	20.70	37.31	0.16	5.48	72.8	18.22	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-110	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 34.48		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-111	SAMPLE ID: W-111-2024-Q4	DATE: 10/18/2024 12:23:00 PM
TOTAL WELL DEPTH (feet) (A): 84.50	WATER TABLE DEPTH (feet) (B): 4.77	LENGTH OF WATER COLUMN (feet) (A-B): 79.73
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 76.00 - 81.00 ft	CALCULATED SYSTEM VOLUME (gallons): 13.01

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 82	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 82	PURGING START TIME: 10/18/2024 11:53:00 AM	PURGING END TIME: 10/18/2024 12:21:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:56 AM	4.77	140	0.00	0.00	29.12	45.11	2.87	5.59	115.8	2.89	Clear
12:01 PM	4.77	140	0.70	0.70	20.78	27.36	0.83	5.17	144.5	0.00	Clear
12:06 PM	4.77	140	0.70	1.40	20.95	27.32	0.63	5.16	142.6	0.00	Clear
12:11 PM	4.77	140	0.70	2.10	20.77	27.32	0.50	5.15	141.6	0.00	Clear
12:16 PM	4.77	140	0.70	2.80	20.84	27.35	0.40	5.15	139.9	0.00	Clear
12:21 PM	4.77	140	0.70	3.50	20.54	27.28	0.32	5.16	138.3	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-111	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 82		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aqua Troll600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-112	SAMPLE ID: W-112-2024-Q4	DATE: 10/21/2024 2:03:00 PM
TOTAL WELL DEPTH (feet) (A): 36.99	WATER TABLE DEPTH (feet) (B): 6.89	LENGTH OF WATER COLUMN (feet) (A-B): 30.10
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.91

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.49	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.49	PURGING START TIME: 10/21/2024 1:40:00 PM	PURGING END TIME: 10/21/2024 2:01:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:41 PM	6.89	140	0.00	0.00	26.09	206.39	2.85	6.40	-44.3	0.00	Clear
1:46 PM	6.89	140	0.70	0.70	20.68	217.65	0.49	6.42	-62.6	0.00	Clear
1:51 PM	6.89	140	0.70	1.40	20.55	217.51	0.29	6.42	-65.8	0.00	Clear
1:56 PM	6.89	140	0.70	2.10	20.79	217.10	0.23	6.40	-66.2	0.00	Clear
2:01 PM	6.89	140	0.70	2.80	20.78	217.03	0.20	6.40	-66.7	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-112	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 34.49		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aqua Troll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-113	SAMPLE ID: W-113-2024-Q4	DATE: 10/8/2024 9:10:00 AM
TOTAL WELL DEPTH (feet) (A): 39.02	WATER TABLE DEPTH (feet) (B): 8.42	LENGTH OF WATER COLUMN (feet) (A-B): 30.60
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 31.00 - 36.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.99

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 36.52	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 36.52	PURGING START TIME: 10/8/2024 8:40:00 AM	PURGING END TIME: 10/8/2024 9:05:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:45 AM	8.92	100	0.50	0.50	20.75	89.19	1.32	5.76	188.9	27.74	Clear
8:50 AM	9.17	100	0.50	1.00	20.65	91.06	1.06	5.77	197.7	14.24	Clear
8:55 AM	9.33	100	0.50	1.50	20.57	91.59	0.95	5.79	205.4	9.78	Clear
9:00 AM	9.40	100	0.50	2.00	21.00	90.85	0.93	5.81	202.5	10.27	Clear
9:05 AM	9.48	100	0.50	2.50	20.82	91.16	0.86	5.82	200.4	9.36	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-113	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 36.52		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-114	SAMPLE ID: W-114-2024-Q4	DATE: 10/8/2024 10:20:00 AM
TOTAL WELL DEPTH (feet) (A): 23.52	WATER TABLE DEPTH (feet) (B): 7.82	LENGTH OF WATER COLUMN (feet) (A-B): 15.70
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.56

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18.52	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18.52	PURGING START TIME: 10/8/2024 9:30:00 AM	PURGING END TIME: 10/8/2024 10:15:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:35 AM	8.02	90	0.45	0.45	22.46	90.98	2.49	5.68	183.3	153.54	Light brown
9:40 AM	8.07	90	0.45	0.90	22.40	88.92	2.43	5.63	201.1	171.30	Light brown
9:45 AM	8.10	90	0.45	1.35	22.45	86.92	2.39	5.64	211.0	94.47	Light brown
9:50 AM	8.12	90	0.45	1.80	22.35	85.84	2.38	5.61	216.7	73.82	Clear
9:55 AM	8.15	90	0.45	2.25	22.36	93.07	2.41	5.67	217.7	39.56	Clear
10:00 AM	8.17	90	0.45	2.70	22.32	96.44	2.44	5.75	216.1	32.54	Clear
10:05 AM	8.17	90	0.45	3.15	22.55	97.26	2.44	5.76	217.4	21.55	Clear
10:10 AM	8.17	90	0.45	3.60	22.94	98.45	2.44	5.77	219.8	20.57	Clear
10:15 AM	8.17	90	0.45	4.05	22.89	99.52	2.44	5.78	218.5	21.30	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-114	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 18.52		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-115	SAMPLE ID: W-115-2024-Q4	DATE: 10/8/2024 11:40:00 AM
TOTAL WELL DEPTH (feet) (A): 47.92	WATER TABLE DEPTH (feet) (B): 18.00	LENGTH OF WATER COLUMN (feet) (A-B): 29.92
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 40.50 - 45.50 ft	CALCULATED SYSTEM VOLUME (gallons): 4.88

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 45.42	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 45.42	PURGING START TIME: 10/8/2024 10:50:00 AM	PURGING END TIME: 10/8/2024 11:35:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:55 AM	18.10	90	0.45	0.45	20.33	90.67	3.88	5.42	229.1	23.39	Clear
11:00 AM	18.10	90	0.45	0.90	20.63	90.35	3.97	5.41	246.5	201.51	Light brown
11:05 AM	18.10	90	0.45	1.35	20.60	89.04	3.72	5.45	249.0	120.48	Light brown
11:10 AM	18.10	90	0.45	1.80	20.36	88.80	3.48	5.44	249.6	79.07	Clear
11:15 AM	18.10	90	0.45	2.25	20.36	87.67	3.14	5.46	254.9	376.60	Light brown
11:20 AM	18.10	90	0.45	2.70	20.13	88.07	3.09	5.47	240.0	5.90	Clear
11:25 AM	18.10	90	0.45	3.15	20.09	88.34	3.15	5.47	252.9	5.32	Clear
11:30 AM	18.10	90	0.45	3.60	20.13	88.49	3.20	5.42	256.3	9.09	Clear
11:35 AM	18.10	90	0.45	4.05	20.12	88.36	3.23	5.42	260.3	9.09	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-115	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 45.42		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-116	SAMPLE ID: W-116-2024-Q4	DATE: 10/8/2024 12:25:00 PM
TOTAL WELL DEPTH (feet) (A): 23.15	WATER TABLE DEPTH (feet) (B): 17.90	LENGTH OF WATER COLUMN (feet) (A-B): 5.25
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 10.00 - 20.00 ft	CALCULATED SYSTEM VOLUME (gallons): 0.86

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18.15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18.15	PURGING START TIME: 10/8/2024 11:55:00 AM	PURGING END TIME: 10/8/2024 12:20:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:00 PM	18.04	100	0.50	0.50	20.56	103.45	6.78	4.87	297.7	8.36	Clear
12:05 PM	18.13	100	0.50	1.00	20.20	103.58	6.74	4.90	315.1	6.16	Clear
12:10 PM	18.15	100	0.50	1.50	20.14	103.05	6.81	4.93	319.5	3.89	Clear
12:15 PM	18.17	100	0.50	2.00	20.06	102.59	6.73	4.94	320.9	3.96	Clear
12:20 PM	18.18	100	0.50	2.50	20.05	102.14	6.70	4.96	322.7	3.81	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-116	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 18.15		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-117	SAMPLE ID: W-117-2024-Q4	DATE: 10/8/2024 1:32:00 PM
TOTAL WELL DEPTH (feet) (A): 46.77	WATER TABLE DEPTH (feet) (B): 22.19	LENGTH OF WATER COLUMN (feet) (A-B): 24.58
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 39.00 - 44.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.01

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 44.27	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 44.27	PURGING START TIME: 10/8/2024 1:06:00 PM	PURGING END TIME: 10/8/2024 1:30:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:10 PM	22.19	100	0.00	0.00	22.13	83.11	5.27	5.72	206.2	5.43	Clear
1:15 PM	22.19	100	0.50	0.50	21.04	84.79	3.63	5.77	230.3	2.91	Clear
1:20 PM	22.19	100	0.50	1.00	20.78	83.44	3.85	5.75	238.4	1.53	Clear
1:25 PM	22.19	100	0.50	1.50	20.52	82.96	3.95	5.76	243.0	4.13	Clear
1:30 PM	22.19	100	0.50	2.00	20.10	82.32	4.02	5.77	246.8	10.81	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-117	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 44.27		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-118	SAMPLE ID: W-118-2024-Q4	DATE: 10/8/2024 12:48:00 PM
TOTAL WELL DEPTH (feet) (A): 32.43	WATER TABLE DEPTH (feet) (B): 20.50	LENGTH OF WATER COLUMN (feet) (A-B): 11.93
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 19.50 - 29.50 ft	CALCULATED SYSTEM VOLUME (gallons): 1.95

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 27.43	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 27.43	PURGING START TIME: 10/8/2024 12:23:00 PM	PURGING END TIME: 10/8/2024 12:46:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
12:26 PM	20.50	120	0.00	0.00	22.18	89.22	4.92	5.34	201.4	0.00	Clear
12:31 PM	20.50	120	0.60	0.60	20.59	89.08	1.38	5.38	238.6	0.00	Clear
12:36 PM	20.50	120	0.60	1.20	20.34	89.07	1.16	5.35	254.9	0.00	Clear
12:41 PM	20.50	120	0.60	1.80	20.31	89.23	1.23	5.38	260.2	0.00	Clear
12:46 PM	20.50	120	0.60	2.40	20.20	89.37	1.14	5.41	262.8	0.00	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-118	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 27.43		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-119	SAMPLE ID: W-119-2024-Q4	DATE: 10/8/2024 3:25:00 PM
TOTAL WELL DEPTH (feet) (A): 33.01	WATER TABLE DEPTH (feet) (B): 15.47	LENGTH OF WATER COLUMN (feet) (A-B): 17.54
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.00 - 30.00 ft	CALCULATED SYSTEM VOLUME (gallons): 2.86

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.51	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.51	PURGING START TIME: 10/8/2024 2:55:00 PM	PURGING END TIME: 10/8/2024 3:20:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
3:00 PM	15.49	100	0.50	0.50	23.88	79.57	0.47	5.22	280.2	12.96	Clear
3:05 PM	15.49	100	0.50	1.00	23.82	80.72	0.34	5.21	284.9	6.27	Clear
3:10 PM	15.49	100	0.50	1.50	23.56	80.76	0.28	5.19	289.0	4.43	Clear
3:15 PM	15.49	100	0.50	2.00	23.71	80.44	0.25	5.21	288.0	4.40	Clear
3:20 PM	15.49	100	0.50	2.50	23.60	80.45	0.23	5.22	286.8	4.28	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-119	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 30.51		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-120	SAMPLE ID: W-120-2024-Q4	DATE: 10/9/2024 9:00:00 AM
TOTAL WELL DEPTH (feet) (A): 36.85	WATER TABLE DEPTH (feet) (B): 13.66	LENGTH OF WATER COLUMN (feet) (A-B): 23.19
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.78

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34.35	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34.35	PURGING START TIME: 10/9/2024 8:25:00 AM	PURGING END TIME: 10/9/2024 8:55:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
8:30 AM	13.77	80	0.40	0.40	19.59	163.14	0.88	5.71	199.1	53.50	Clear
8:35 AM	13.78	80	0.40	0.80	20.03	166.33	0.48	5.73	202.1	15.94	Clear
8:40 AM	13.78	80	0.40	1.20	19.99	171.14	0.38	5.73	209.3	12.42	Clear
8:45 AM	13.79	80	0.40	1.60	20.02	169.21	0.32	5.71	220.0	4.70	Clear
8:50 AM	13.79	80	0.40	2.00	20.14	169.18	0.36	5.74	219.6	4.67	Clear
8:55 AM	13.79	80	0.40	2.40	20.09	166.30	0.35	5.73	220.2	3.74	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-120	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 34.35		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-121	SAMPLE ID: W-121-2024-Q4	DATE: 10/9/2024 10:45:00 AM
TOTAL WELL DEPTH (feet) (A): 25.21	WATER TABLE DEPTH (feet) (B): 13.74	LENGTH OF WATER COLUMN (feet) (A-B): 11.47
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 12.00 - 22.00 ft	CALCULATED SYSTEM VOLUME (gallons): 1.87

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 20.21	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20.21	PURGING START TIME: 10/9/2024 9:55:00 AM	PURGING END TIME: 10/9/2024 10:40:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
10:00 AM	13.81	80	0.40	0.40	24.44	67.48	6.51	5.29	217.8	13.52	Clear
10:05 AM	13.81	80	0.40	0.80	24.20	58.66	3.11	5.19	258.9	5.64	Clear
10:10 AM	13.81	80	0.40	1.20	24.21	56.81	2.65	5.18	276.9	5.26	Clear
10:15 AM	13.81	80	0.40	1.60	24.11	56.66	2.59	5.16	290.4	5.05	Clear
10:20 AM	13.81	80	0.40	2.00	23.47	56.99	2.41	5.17	314.6	4.63	Clear
10:25 AM	13.81	80	0.40	2.40	23.40	56.90	2.45	5.18	327.2	4.57	Clear
10:30 AM	13.81	80	0.40	2.80	23.43	56.91	2.26	5.17	336.4	5.69	Clear
10:35 AM	13.81	80	0.40	3.20	23.53	57.08	2.28	5.17	340.4	4.87	Clear
10:40 AM	13.81	80	0.40	3.60	23.43	57.21	2.19	5.15	338.2	4.68	Clear

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-121	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 20.21		DUPLICATE: W-121-2024-Q4-DUP
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 808878 WL/int meter: Geotech # 5757	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-122	SAMPLE ID: W-122-2024-Q4	DATE: 10/7/2024 2:24:00 PM
TOTAL WELL DEPTH (feet) (A): 33.11	WATER TABLE DEPTH (feet) (B): 7.87	LENGTH OF WATER COLUMN (feet) (A-B): 25.24
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 25.00 - 30.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.12

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 30.61	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 30.61	PURGING START TIME: 10/7/2024 1:59:00 PM	PURGING END TIME: 10/7/2024 2:22:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:02 PM	8.16	140	0.00	0.00	26.20	42.73	4.11	5.89	108.3	10.20	Clear
2:07 PM	8.40	140	0.70	0.70	23.72	44.76	0.44	6.00	64.6	14.10	Clear
2:12 PM	8.48	140	0.70	1.40	23.50	45.00	0.21	5.90	68.9	9.40	Clear
2:17 PM	8.40	160	0.80	2.20	23.69	44.34	0.17	5.91	68.5	4.37	Clear
2:22 PM	8.40	140	0.70	2.90	24.28	43.70	0.17	5.96	67.6	13.84	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-122	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 30.61		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: AquaTroll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-123	SAMPLE ID: W-123-2024-Q4	DATE: 10/1/2024 1:35:00 PM
TOTAL WELL DEPTH (feet) (A): 34.58	WATER TABLE DEPTH (feet) (B): 13.01	LENGTH OF WATER COLUMN (feet) (A-B): 21.57
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 29.00 - 34.00 ft	CALCULATED SYSTEM VOLUME (gallons): 3.52

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.08	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.08	PURGING START TIME: 10/1/2024 1:05:00 PM	PURGING END TIME: 10/1/2024 1:30:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
1:10 PM	13.32	80	0.40	0.40	24.71	1258.66	0.26	8.08	118.8	4.31	Clear
1:15 PM	13.33	80	0.40	0.80	24.61	1258.14	0.19	8.12	113.6	6.41	Clear
1:20 PM	13.34	80	0.40	1.20	24.46	1254.07	0.15	8.12	110.6	14.68	Clear
1:25 PM	13.33	80	0.40	1.60	24.33	1256.09	0.14	8.11	108.1	18.58	Clear
1:30 PM	13.34	80	0.40	2.00	24.29	1259.02	0.13	8.10	103.1	10.19	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-123	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 32.08		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Insitu Aquatroll 600 # 808878 WL/int meter: Geotech WLM # 5757	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-124	SAMPLE ID: W-124-2024-Q4	DATE: 10/17/2024 11:41:00 AM
TOTAL WELL DEPTH (feet) (A): 33.55	WATER TABLE DEPTH (feet) (B): 8.64	LENGTH OF WATER COLUMN (feet) (A-B): 24.91
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 26.00 - 31.00 ft	CALCULATED SYSTEM VOLUME (gallons): 4.07

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 31.05	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 31.05	PURGING START TIME: 10/17/2024 11:16:00 AM	PURGING END TIME: 10/17/2024 11:39:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
11:19 AM	8.68	0	0.00	0.00	22.06	125.92	3.51	5.81	109.3	0.00	Clear
11:24 AM	8.68	180	9.00	9.00	20.24	135.96	0.37	5.73	87.1	0.00	Clear
11:29 AM	8.68	120	0.60	9.60	19.96	138.05	0.20	5.80	69.4	0.00	Clear
11:34 AM	8.68	120	0.60	10.20	20.02	135.31	0.18	5.81	66.0	0.82	Clear
11:39 AM	8.68	120	0.60	10.80	20.40	132.85	0.14	5.76	67.5	7.18	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-124	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 31.05		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aqua Troll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-125	SAMPLE ID: W-125-2024-Q4	DATE: 10/16/2024 3:05:00 PM
TOTAL WELL DEPTH (feet) (A): 47.25	WATER TABLE DEPTH (feet) (B): 8.81	LENGTH OF WATER COLUMN (feet) (A-B): 38.44
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 40.00 - 45.00 ft	CALCULATED SYSTEM VOLUME (gallons): 6.27

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 44.75	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 44.75	PURGING START TIME: 10/16/2024 2:30:00 PM	PURGING END TIME: 10/16/2024 3:00:00 PM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
2:35 PM	8.82	100	0.50	0.50	19.11	349.02	0.73	6.97	-37.7	419.73	Light brown
2:40 PM	8.82	100	0.50	1.00	18.97	343.47	0.54	6.18	-48.4	233.70	Light brown
2:45 PM	8.82	100	0.50	1.50	18.92	362.42	0.38	6.11	-47.7	171.17	Light brown
2:50 PM	8.82	100	0.50	2.00	18.89	365.91	0.36	6.11	-46.0	140.24	Light brown
2:55 PM	8.82	100	0.50	2.50	18.96	363.96	0.35	6.10	-44.7	131.19	Light brown
3:00 PM	8.82	100	0.50	3.00	18.91	361.91	0.30	6.09	-45.5	128.27	Light brown

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-125	SAMPLED BY: BrownT2	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 44.75		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aquatroll 600 # 809100 WL/int meter: Geotech # 17.04	REMARKS:		

NOTES:
STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Groundwater Sample Collection Record

WELL NO: W-126	SAMPLE ID: W-126-2024-Q4	DATE: 10/17/2024 9:50:00 AM
TOTAL WELL DEPTH (feet) (A): 46.50	WATER TABLE DEPTH (feet) (B): 7.04	LENGTH OF WATER COLUMN (feet) (A-B): 39.46
CASING DIAMETER / MATL: 2 in, PVC	WELL SCREEN INTERVAL DEPTH: 37.50 - 42.50 ft	CALCULATED SYSTEM VOLUME (gallons): 6.44

PURGING DATA

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 44	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 44	PURGING START TIME: 10/17/2024 9:21:00 AM	PURGING END TIME: 10/17/2024 9:48:00 AM	PUMP TYPE: Low flow (pump type: Peristaltic)

Time	Depth to Water (ft)	Flow Rate (ml/min)	Volume Purged (L)	Cumulative Volume Purged (L)	Temperature (degC)	Specific Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Color
9:23 AM	7.06	120	0.00	0.00	19.85	204.46	5.81	6.08	14.7	0.00	Clear
9:28 AM	7.06	120	0.60	0.60	19.62	93.04	0.57	6.45	-41.6	19.59	Clear
9:33 AM	7.06	120	0.60	1.20	19.50	91.84	0.35	6.44	-54.3	17.33	Clear
9:38 AM	7.06	120	0.60	1.80	19.57	93.27	0.19	6.48	-66.5	21.49	Clear
9:43 AM	7.06	120	0.60	2.40	19.45	95.98	0.11	6.46	-69.8	23.56	Clear
9:48 AM	7.06	120	0.60	3.00	19.59	95.78	0.10	6.47	-73.8	25.94	Clear

AECOM

GROUNDWATER SAMPLING LOG

SAMPLING DATA			
WELL NO: W-126	SAMPLED BY: Crewsre@westinghouse	SAMPLING START TIME:	SAMPLING END TIME:
TUBING MATERIAL: Teflon	PUMP OR TUBING DEPTH IN WELL (feet): 44		DUPLICATE:
FIELD EQUIPMENT USED: Field param meter: Aqua Troll 600 # 1027329 WL/int meter: Solinst 101 # 322134	REMARKS:		

NOTES:

STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS:
pH: + 1.0 units **Temperature**: + 3% **Specific Conductance**: + 3% **Dissolved Oxygen**: optionally, + 0.2 mg/L or + 10% (whichever is greater) **ORP**: + 10 mV
Turbidity: all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

# of bottles	Size	Material	Preservative	Analysis	Lab
1	1 L	Poly	HNO3	ISO & TOTAL U ICPMS,Tc-99	GEL
1	250 ml	Poly	None	Fluoride 300.0,Nitrate 353.2	PACE-SC-WCOL
3	40 ml	VOA vial	HCl	Select VOCs	PACE-SC-WCOL

Appendix C
Historical Groundwater Analytical Results

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2
					Date	4/16/2019	10/3/2019	4/15/2020	10/14/2020	4/13/2021	10/14/2021	4/12/2022	4/12/2022	10/12/2022	4/13/2023	10/13/2023	4/8/2024	4/8/2024	10/4/2024	1/12/2015	4/9/2015	7/10/2015	10/9/2015	10/9/2015	1/20/2016	4/18/2016	7/5/2016	10/6/2016	1/10/2017	4/3/2017
					Type	N	N	N	N	N	N	N	FD	N	N	N	N	FD	N	N	N	N	FD	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		0.934 #	2.51 #	1.01 #	1.00 #	0 ##	2.13 #	0.367 #	1.21 #	NA	NA	NA	NA	NA	NA	1.15 #	0 ##	0 ##	5.10	1.17 #	0 ##	0.835 #	2.35 #	2.68	2.79 #	4.09 #
Radiological	Beta particles	50	*	pCi/L		5.56	3.98	1.65 #	1.66 #	3.75 #	2.32 #	1.03 #	5.69	NA	NA	NA	NA	NA	NA	11.5	6.31	6.58	10.8	10.8	6.31	6.49	8.32	7.07	6.56	7.10
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.2 #	57.8 #	0 ##	54.8 #	0 ##	0 ##	216 #	104 #	0 ##	0 ##	124 #
Radiological	Technetium-99	900		pCi/L		0 ##	1.40 #	0.209 #	1.10 #	0.682 #	0.0163 #	0.147 #	1.04 #	2.72 #	0 ##	0.135 #	0 ##	0 ##	0 ##	22.9 #	0 ##	0 ##	66.0 #	84.8 #	NA	NA	NA	NA	NA	NA
Radiological	Uranium-233/234			pCi/L		0 ##	0.126 #	0.195 #	NA	0.127 #	0.246 #	0.171 #	0 ##	NA	0.137 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L		0.0695 #	0.139 #	0.0329 #	NA	0 ##	0.135 #	0.131 #	0 ##	NA	0.0698 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L		0 ##	0.169 #	0 ##	NA	0.0704 #	0.0601 #	0.00168 #	0.0773 #	NA	0.0180 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%		0 #	0 #	0 #	NA	0 #	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L		< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235			ug/L		< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			ug/L		< 0.200	0.0815 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	0.0815 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L		NA	0.055	0.06	0.047 J	0.0460 J	0.037 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L		2.5	2.1	2	1.8	1.8	2.0	1.7	1.7	1.8	2.7	1.8	1.5	1.5	1.5	30	19	21	26	25	19	19	23	24	20	19
Chemical	Ammonia as N			mg/L		NA	0.0129	0.0196	0.0171 J	0.0199 J	0.0197 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L		NA	147 J	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	< 20.0	9.02 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	48.2	53.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	4600	5340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	3.46 J	1.69 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	2.5 J	2.44 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	134	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	1580	1840	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	38	28.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	< 0.200	0.078 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	4480	3630	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	1570	1580	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	1.14 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	5040	5630	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	7.63 J	6.72 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	NA	< 20	< 20	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Bromodichloromethane			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Bromoform			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Bromomethane			ug/L		< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2	< 2	< 2	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2
VOCs	2-Butanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Carbon tetrachloride	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Chlorobenzene	100		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Chloroethane			ug/L		< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2	< 2	< 2	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2
VOCs	Chloroform			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Chloromethane			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 2	< 1	< 1	NA	< 1	< 1	< 1	< 2	< 2	< 2	< 2
VOCs	Cyclohexane			ug/L		NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,3-Dichlorobenzene			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,1-Dichloroethane			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Dichlorodifluoromethane			ug/L		< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2	< 2	< 2	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2
VOCs	1,2-Dichloroethane	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,1-Dichloroethene	7		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500 J	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,2-Dichloropropane	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	cis-1,3-Dichloropropene			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5	< 1	< 1	NA	< 1	< 1	< 1	< 5	< 5	< 5	< 5
VOCs	trans-1,3-Dichloropropene			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5	< 1	< 1	NA	< 1	< 1	< 1	< 5	< 5	< 5	< 5
VOCs	Ethylbenzene	700		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	2-Hexanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L		NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L		NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L		NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L		NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5	< 1	< 1	NA	< 1	< 1	< 1	< 5	< 5	< 5	< 5
VOCs	Naphthalene (VOC)			ug/L		< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5	< 1	< 1	NA	< 1	< 1	< 1	< 5	< 5	< 5	< 5

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW1	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2
				Date	4/16/2019	10/3/2019	4/15/2020	10/14/2020	4/13/2021	10/14/2021	4/12/2022	4/12/2022	10/12/2022	4/13/2023	10/13/2023	4/8/2024	4/8/2024	10/4/2024	1/12/2015	4/9/2015	7/10/2015	10/9/2015	10/9/2015	1/20/2016	4/18/2016	7/5/2016	10/6/2016	1/10/2017	4/3/2017
				Type	N	N	N	N	N	N	N	FD	N	N	N	N	FD	N	N	N	N	FD	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Tetrachloroethene	5		ug/L	1.3	1.4	1.7	2.5	2.1	2.3	1.8	1.8	1.7	1.6	1.1	1.2	1.3	1.35 J	110	140	120	NA	160	81	150	160	140	170	150
VOCs	Toluene	1000		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Trichloroethene	5		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500 J	6.3	12	8.9	NA	8.1	7.3	12	9	8.2	11	10
VOCs	Trichlorofluoromethane			ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 2	< 1	< 1	NA	< 1	< 1	< 1	< 2	< 2	< 2	< 2
VOCs	Vinyl chloride	2		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 2	< 1	< 1	NA	< 1	< 1	< 1	< 2	< 2	< 2	< 2
VOCs	Xylenes, Total	10000		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	2,4,5-Trichlorophenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	2,4,6-Trichlorophenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	2,4-Dichlorophenol			ug/L	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 8	< 8	< 16
SVOCs	2,4-Dimethylphenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	2,4-Dinitrophenol			ug/L	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	NA	< 25	< 25	< 25	< 27	< 20	< 20	< 40
SVOCs	2,4-Dinitrotoluene			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 11	< 8	< 8	< 16
SVOCs	2,6-Dinitrotoluene			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 11	< 8	< 8	< 16
SVOCs	2-Chloronaphthalene			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	2-Chlorophenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	2-Methylnaphthalene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	2-Methylphenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	2-Nitroaniline			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 11	< 8	< 8	< 16
SVOCs	2-Nitrophenol			ug/L	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 11	< 4	< 4	< 8
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	NA	< 25	< 25	< 25	< 27	< 4	< 4	< 8
SVOCs	3-Nitroaniline			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 11	< 8	< 8	< 16
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	NA	< 25	< 25	< 25	< 27	< 20	< 20	< 40
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	4-Chloro-3-methylphenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	4-Chloroaniline			ug/L	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 8	< 8	< 16
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	4-Methylphenol			ug/L	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 11	< 4	< 4	< 8
SVOCs	4-Nitroaniline			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 11	< 8	< 8	< 16
SVOCs	4-Nitrophenol			ug/L	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	NA	< 25	< 25	< 25	< 27	< 20	< 20	< 40
SVOCs	Acenaphthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Acenaphthylene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Acetophenone			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Anthracene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Atrazine	3		ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Benz(a)anthracene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Benzaldehyde			ug/L	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	NA	< 25	< 25	< 25	< 27	< 8	< 8	< 16
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Butyl benzyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 11	< 4	< 4	< 8
SVOCs	Caprolactam			ug/L	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	NA	< 25	< 25	56	< 27	< 8	< 8	140
SVOCs	Carbazole			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Chrysene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Di-n-butyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Di-n-octyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Dibenzofuran			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Diethyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Dimethyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Fluoranthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Fluorene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Hexachlorobenzene	1		ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Hexachlorobutadiene			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	NA	< 25	< 25	< 25	< 27	< 20	< 20	< 40
SVOCs	Hexachloroethane			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Isophorone			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	N-Nitrosodiphenylamine			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Naphthalene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Nitrobenzene			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Pentachlorophenol	1		ug/L	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	NA	< 25	< 25	< 25	< 27	< 20	< 20	< 40
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Phenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 4	< 4	< 8
SVOCs	Pyrene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	NA	< 5	< 5	< 5	< 5.4	< 0.8	< 0.8	< 1.6
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-3A	W-3A	W-3A	W-3A	W-3A
				Date	7/6/2017	10/12/2017	1/9/2018	4/10/2018	7/10/2018	10/16/2018	1/22/2019	10/11/2019	4/20/2020	10/16/2020	4/16/2021	10/21/2021	4/14/2022	4/14/2022	10/17/2022	10/17/2022	4/14/2023	10/13/2023	4/12/2024	10/10/2024	1/21/2015	4/16/2015	7/16/2015	10/14/2015	1/20/2016
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	FD	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	3.13	4.36 #	2.21 #	5.65	7.92	3.32 #	3.73 #	2.00 #	3.17 #	1.44 #	0 ##	0.577 #	1.91 #	0.863 #	NA	NA	0.747 #	0.523 #	NA	NA	0.587 #	0.348 #	2.24 #	0.170 #	0 ##
Radiological	Beta particles	50	*	pCi/L	10.4	10.8	8.87	8.31	13.2	7.07	9.11	11.9	3.53 #	3.46 #	2.18 #	5.46	2.77 #	7.17	3.39 #	5.50	1.52 #	10.7	NA	NA	2.58 #	1.18 #	2.58 #	2.86 #	0.298 #
Radiological	Tritium			pCi/L	212 #	179 #	40.7 #	0 ##	76.6 #	95.0 #	0 ##	270 #	79.8 #	0 ##	15.3 #	39.1 #	0 ##	12.8 #	60.9 #	171 #	0 ##	374 #	NA	NA	51.3 #	320 #	0 ##	0 ##	0 ##
Radiological	Technetium-99	900		pCi/L	NA	NA	NA	NA	NA	NA	0 ##	23.1 #	3.26 #	10.6	3.57 #	6.40	7.98	7.88	8.92	9.47	3.43 #	8.13	6.77	0 ##	0 ##	0 ##	0 ##	74.7 #	NA
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	0.323	0.252 #	0.00526 #	NA	0.0778 #	0.134 #	0.00130 #	0.0782 #	NA	NA	0.153 #	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	0.366	0.107 #	0 ##	NA	0 ##	0.0295 #	0.0436 #	0.0203 #	NA	NA	0.145 #	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	0.495	0.0958 #	0.0482 #	NA	0.0864 #	0.582	0.0562 #	0.0643 #	NA	NA	0.101 #	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	10.3	0 #	0 #	NA	0 #	0 #	0 #	0 #	NA	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	< 0.200	0.079 J	0.0743 J	< 0.200	0.116 J	0.0834 J	0.0739 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0955 J	< 0.200	< 0.200	NA	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	< 0.200	0.079 J	0.0743 J	< 0.200	0.116 J	0.0834 J	0.0739 J	0	0	< 0.200	< 0.200	< 0.200	0.0955 J	< 0.200	< 0.200	NA	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	0.099	0.089	0.115	0.128	0.125	0.19	0.17	0.14	0.16	0.17	0.25	0.26	0.28	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	19	20	20	20	14	14	14	20	12	21	9.7	16	14	13	13	13	8.1	15	10	11	< 0.02	< 0.02	< 0.02	< 0.02	0.034
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	0.0581	0.0204	0.081 J	0.0234 J	0.0207 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	120 J	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	4.03 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	106	68.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	16600	11600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	< 10.0	1.06 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	4.14 J	3.45 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	3500	2420	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	90.3	57.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	< 0.200	0.097 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	7.34	4.93 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	2500	2060	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	7.61 J	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	19700	13900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	7.87 J	5.8 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 25.0	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.81 J	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform			ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform			ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3	1.3	3.4	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	1.0	< 1.0	1.9	1.9	2.2	2.3	0.64 J	0.47 J	0.68 J	0.870 J	NA	NA	NA	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	< 1	< 1	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-RW2	W-3A	W-3A	W-3A	W-3A	W-3A
				Date	7/6/2017	10/12/2017	1/9/2018	4/10/2018	7/10/2018	10/16/2018	1/22/2019	10/11/2019	4/20/2020	10/16/2020	4/16/2021	10/21/2021	4/14/2022	4/14/2022	10/17/2022	10/17/2022	4/14/2023	10/13/2023	4/12/2024	10/10/2024	1/21/2015	4/16/2015	7/16/2015	10/14/2015	1/20/2016
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	FD	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	140	120	160	170	170	190	150	140	140	140	160	150	170	170	146	144	120	140	140	111	NA	NA	NA	NA	NA
VOCs	Toluene	1000		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	11	7.9	9.8	9.7	5.6	7	12	8.3	11	9.6	11	9.5	7.9	8.0	5.4	5.3	8.5	11	9.5	7.43	NA	NA	NA	NA	NA
VOCs	Trichlorofluoromethane			ug/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500 J	NA	NA	NA	NA	NA
VOCs	Xylenes, Total	10000		ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A
					Date	4/21/2016	7/13/2016	10/18/2016	1/16/2017	4/7/2017	7/12/2017	10/3/2017	1/15/2018	4/22/2018	7/15/2018	10/29/2018	11/29/2018	11/29/2018	1/29/2019	10/10/2019	4/27/2020	10/26/2020	4/23/2021	6/10/2021	10/25/2021	4/21/2022	10/20/2022	4/20/2023	10/24/2023	4/17/2024
					Type	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	0.381 #	2.82	1.20 #	4.60	0 ##	3.16 #	1.99 #	2.96	0.242 #	1.66 #	1.04 #	0.554 #	2.01 #	0.683 #	2.36 #	3.56 #	5.35	0.898 #	NA	2.10 #	0.0801	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L	4.78	3.10 #	7.30	4.26	3.96 #	2.48 #	4.59	4.81	0.346 #	3.49 #	1.99 #	1.86 #	0 ##	2.62 #	1.15 #	2.21 #	46.0	2.38 #	NA	5.86	1.46 #	NA	NA	NA	NA
Radiological	Tritium			pCi/L	0 ##	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42.9 #	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.2 #	0.904 #	0 ##	7.25 #	0 ##	0.525 #	0 ##	NA	0 ##	0.00772 #	0 ##	0.146 #	1.37 #	0.00441 #
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 ##	0 ##	0.118 #	0.287 #	0.0204 #	NA	0 ##	NA	0 ##	0.269 #	NA	0.0963 #	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0350 #	0 ##	0.196 #	0.0414 #	0 #	NA	0.0527 #	NA	0 ##	0.0705 #	NA	0.0402 #	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0298 #	0.0426 #	0.0882 #	0.145 #	0.0308 #	NA	0 ##	NA	0.0616 #	0.123 #	NA	0.0548 #	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	0 #	0 #	0 #	NA	0 #	NA	0 #	0 #	NA	0 #	NA	NA
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.106 J	0.0839 J	< 0.200	NA	0.0700 J	< 0.200	< 0.200	< 0.200	< 0.200	0.129 J
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.106 J	0.0839 J	< 0.200	NA	0.0700 J	< 0.200	< 0.200	< 0.200	< 0.200	0.129 J
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.015	< 0.1	< 0.1	NA	< 0.1	0.015 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	< 0.02	0.11	0.039	< 0.02	< 0.02	0.066	0.062	< 0.02	< 0.02	66	< 0.02	< 0.02	< 0.02	< 0.02	< 0.020	< 0.02	< 0.020	< 0.020	NA	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	0.11
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0256	0.0146	0.0254 J	NA	0.0159 J	0.0193 J	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.92	5.59	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	490	459	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.21 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	562	534	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	251 J	216 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.71 J	8.97 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.85 J	1.54 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	664	965	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.22 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2410	2560	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.59 J	7.11 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 25.0	< 20	NA	NA
VOCs	Benzene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Bromoform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Bromomethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA
VOCs	2-Butanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 5.0	< 10	NA	NA
VOCs	Carbon disulfide			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Chloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA
VOCs	Chloroform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Chloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	2-Hexanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 5.0	< 10	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 5.0	< 10	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A	W-3A
				Date	4/21/2016	7/13/2016	10/18/2016	1/16/2017	4/7/2017	7/12/2017	10/3/2017	1/15/2018	4/22/2018	7/15/2018	10/29/2018	11/29/2018	11/29/2018	1/29/2019	10/10/2019	4/27/2020	10/26/2020	4/23/2021	6/10/2021	10/25/2021	4/21/2022	10/20/2022	4/20/2023	10/24/2023	4/17/2024
				Type	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Tetrachloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Trichloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	< 1.0	NA	NA
VOCs	Vinyl chloride	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	< 1.00	< 1.00
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	< 1.00	< 1.00
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-3A	W-4R	W-4R	W-4R	W-4R	W-4R	W-4R	W-4R	W-4R	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-7A
				Date	10/17/2024	8/4/2021	10/25/2021	4/25/2022	10/20/2022	4/21/2023	10/24/2023	4/17/2024	10/17/2024	11/5/2018	1/15/2019	10/7/2019	4/7/2020	10/8/2020	4/15/2021	10/8/2021	4/4/2022	10/7/2022	1/5/2023	1/5/2023	4/11/2023	10/10/2023	4/4/2024	10/3/2024	7/8/2016
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	NA	0.0202 #	0.170 #	3.66	NA	NA	NA	NA	NA	8.41	34.6	9.09	37.6	5.50	47.2	13.5	7.32	NA	NA	NA	NA	NA	NA	NA	0.285 #
Radiological	Beta particles	50	*	pCi/L	NA	0 ##	0.278 #	2.13 #	NA	NA	NA	NA	NA	765	1620	1370	1260	1450	1270	1290	987	NA	NA	NA	NA	NA	NA	NA	149
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 ##
Radiological	Technetium-99	900		pCi/L	0 ##	2.39 #	0.442 #	3.12 #	0.693 #	5.42	2.04 #	2.89 #	2.88 #	861	2370	2440	2450	2650	2830	2500	2230	2380	NA	NA	1750	2060	1890	2070	378
Radiological	Uranium-233/234			pCi/L	NA	0 ##	0 ##	0.0547 #	NA	0.0529 #	NA	NA	NA	1.00	0.397	0.372	0.0213 #	NA	0.471 #	0.255	0.227 #	NA	NA	NA	0 ##	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	0.103 #	0.0179 #	0.0271 #	NA	0.0525 #	NA	NA	NA	0.0392 #	0.153 #	0.0443 #	0 #	NA	0.0858 #	0.152 #	0 ##	NA	NA	NA	0.0984 #	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	0.0833 #	0 ##	0.0230 #	NA	0.0969 #	NA	NA	NA	0.311 #	0.327	0.153 #	0.0977 #	NA	0 ##	0.167	0.0894 #	NA	NA	NA	0.0461 #	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	NA	NA	0 #	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	0.011 J	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA
Radiological	Uranium-238			ug/L	0.0741 J	< 0.200	< 0.200	0.0942 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.409	0.2	0.232	0.183 J	0.224	0.280	0.321	0.322	0.175 J	NA	NA	0.101 J	0.140 J	0.285	0.250	NA
Radiological	Total Uranium Isotopes	30		ug/L	0.0741 J	< 0.200	< 0.200	0.0942 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.42	0.2	0.232	0.183 J	0.224	0.280	0.321	0.322	0.175 J	NA	NA	0.101 J	0.140 J	0.285	0.250	NA
Chemical	Fluoride	4		mg/L	< 0.10	0.104	0.154	0.12	0.11	< 0.10	0.11	< 0.10	< 0.10	NA	NA	0.126	0.112	0.14	0.0180 J	0.233	0.21	NA	0.24	0.24	0.13	0.42	0.38	0.41	NA
Chemical	Nitrate as N	10		mg/L	< 0.020	0.044	< 0.020	0.22	0.037	0.23	0.039	0.17	0.045	14	150	210	190	220	180	210	190	7.4	NA	NA	180	290	270	300	NA
Chemical	Ammonia as N			mg/L	NA	0.0141 J	0.0196 J	NA	NA	NA	NA	NA	NA	NA	NA	134	58	18.9	76.5	105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	16.9 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	496	614	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	71400	73700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	1.67 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.41	7.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21600	23500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	142	187	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.89	4.81 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13400	12700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.9 J	18.8 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	124000	111000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.07 J	2.98 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.9 J	27.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	< 20	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Bromoform			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	< 2.0	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	NA	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	NA	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	< 2.0	NA	NA	NA	NA
VOCs	Chloroform			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	< 2.0	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	0.59 J	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 5	1.9	2.8	2.7	2.5	2.7	3.0	3.0	2.9	NA	NA	1.8	3.1	2.8	3.33	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	< 10	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	< 5.0	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	< 5.0	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-3A	W-4R	W-4R	W-4R	W-4R	W-4R	W-4R	W-4R	W-4R	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-6	W-7A
				Date	10/17/2024	8/4/2021	10/25/2021	4/25/2022	10/20/2022	4/21/2023	10/24/2023	4/17/2024	10/17/2024	11/5/2018	1/15/2019	10/7/2019	4/7/2020	10/8/2020	4/15/2021	10/8/2021	4/4/2022	10/7/2022	1/5/2023	1/5/2023	4/11/2023	10/10/2023	4/4/2024	10/3/2024	7/8/2016
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	< 0.600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 5	10	16	19	16	17	18	19	20	NA	NA	12	20	21	20.4	NA
VOCs	Toluene	1000		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 5	1.8	2.5	2.7	2.6	2.8	2.8	3.1	3.0	NA	NA	2.1	3.2	3.7	2.75	NA
VOCs	Trichlorofluoromethane			ug/L	NA	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA
VOCs	Xylenes, Total	10000		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-10	W-10	W-10
				Date	10/11/2016	1/17/2017	4/6/2017	7/10/2017	10/12/2017	1/8/2018	4/16/2018	10/19/2018	1/14/2019	6/4/2019	10/9/2019	4/10/2020	10/5/2020	4/5/2021	10/5/2021	4/4/2022	10/4/2022	1/3/2023	4/5/2023	10/5/2023	4/2/2024	10/1/2024	1/19/2015	4/13/2015	7/13/2015
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	2.24 #	15.4	4.22 #	19.8	9.10	9.24	7.71	3.38 #	6.28 #	14.5	6.35	1.99 #	6.87	6.63	8.14	3.44 #	4.14	NA	2.12 #	4.24	NA	NA	3.75	1.66 #	7.68
Radiological	Beta particles	50	*	pCi/L	123	125	262	150	131	141	124	110	123	142	114	54.0	99.2	96.1	105	87.5	85.8	NA	66.2	53.3	NA	NA	88.3	88.8	150
Radiological	Tritium			pCi/L	0 ##	219 #	42.4 #	0 ##	0 ##	210 #	0 ##	0 ##	99.7 #	205 #	0 ##	115 #	0 ##	95.9 #	141 #	121 #	189 #	NA	165 #	0 ##	NA	NA	50.6 #	115 #	0 ##
Radiological	Technetium-99	900		pCi/L	254	NA	NA	185	209	211	212	175	160	176	210	180	178	192	193	153	134	NA	145	133	135	136	149 #	0 ##	172 #
Radiological	Uranium-233/234			pCi/L	NA	0.289 #	NA	1.78	NA	NA	NA	NA	0.559	0.378	0.409	0.240	NA	0.0644 #	0.277	0.137 #	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	0.246 #	NA	0.257 #	NA	NA	NA	NA	0.207 #	0.0157 #	0.0909 #	0 ##	NA	0.0135 #	0.0105 #	0.0177 #	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	0 ##	NA	0.828	NA	NA	NA	NA	0.558	0.0818 #	0.259	0.219	NA	0.331	0.101 #	0.146 #	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	0 #	NA	0 #	NA	NA	NA	NA	0 #	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	NA	NA	0.691	0.719	0.812	0.698	0.716	0.725	0.671	0.558	0.550	0.477	NA	0.476	0.484	0.431	0.461	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	NA	NA	0.691	0.719	0.812	0.698	0.716	0.725	0.671	0.558	0.550	0.477	NA	0.476	0.484	0.431	0.461	NA	NA	NA
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.47	6.04	5.57	5.37	7.18	5.6	NA	5.9	5.1	6.8	6.5	6.4	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	350	350	390	330	370	410	320	310	310	NA	250	270	210	200	75	66	85
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48.5	44.6	56	63.9	66.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	70.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	5.84 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	595	574	614	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	1.42 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	99500	96400	99300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.46 J	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.56	5.82	8.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24700	25300	23500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	824	789	845	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.5	14.4	18.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11500	12200	11400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.9 J	12.7 J	23.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	447000	432000	444000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.11	4.71 J	5.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.69 J	11.8 J	21.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	< 20	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Bromoform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA
VOCs	Chloroform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	0.021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-7A	W-10	W-10	W-10
				Date	10/11/2016	1/17/2017	4/6/2017	7/10/2017	10/12/2017	1/8/2018	4/16/2018	10/19/2018	1/14/2019	6/4/2019	10/9/2019	4/10/2020	10/5/2020	4/5/2021	10/5/2021	4/4/2022	10/4/2022	1/3/2023	4/5/2023	10/5/2023	4/2/2024	10/1/2024	1/19/2015	4/13/2015	7/13/2015
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	1.7	2.1	1.9	1.6	2	1.5	1.3	1.4	1.2	NA	1.1	0.93 J	0.81 J	0.810 J	NA	NA	NA
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	20	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.98	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10
					Date	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	1/17/2017	4/6/2017	4/7/2017	7/10/2017	10/12/2017	1/8/2018	4/16/2018	7/13/2018	10/19/2018	1/14/2019	6/4/2019	10/9/2019	10/9/2019	4/13/2020	10/5/2020	4/5/2021	10/5/2021	4/4/2022	10/6/2022	1/3/2023
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		3.57 #	0.0550 #	1.77 #	4.87 #	1.57 #	6.39	2.06 #	NA	8.39	2.84 #	3.71	4.16 #	1.11 #	0.233 #	0.960 #	1.51 #	3.19	2.19 #	0 ##	3.04 #	0.0413 #	0.131 #	1.37 #	0.281 #	NA
Radiological	Beta particles	50	*	pCi/L		52.0	94.1	108	103	84.6	79.2	92.0	NA	89.2	78.4	99.4	79.2	65.7	68.7	50.9	66.3	81.3	76.2	47.8	66.4	49.1	60.0	73.1	64.9	NA
Radiological	Tritium			pCi/L		16.0 #	0 ##	245 #	73.4 #	0 ##	190 #	0 ##	NA	26.2 #	0 ##	240 #	0 ##	0 ##	278 #	0 ##	0 ##	32.7 #	165 #	145 #	0 ##	0 ##	27.5 #	61.6 #	15.1 #	NA
Radiological	Technetium-99	900		pCi/L		94.5 #	36.9 #	85.7 #	257 #	216	131	NA	NA	94.7	129	143	113	129	90.0	80.9	88.7	118	121	81.2	110	93.4	98.2	105	91.6	NA
Radiological	Uranium-233/234			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.217 #	0 ##	0.0993 #	0.0991 #	0.0637 #	NA	0.0289 #	0.291	0.143 #	NA	NA
Radiological	Uranium-235/236			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.204 #	0 ##	0.0935 #	0.219	0.00902 #	NA	0.108 #	0.0763 #	0 ##	NA	NA
Radiological	Uranium-238			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0620 #	0.0126 #	0.180 #	0.212	0.0301 #	NA	0 ##	0.0777 #	0 ##	NA	NA
Radiological	Percent Uranium-235			%		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	0 #	13.8	0 #	NA	0 #	0 #	0 #	NA	NA
Radiological	Uranium-234			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA
Radiological	Uranium-235			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA
Radiological	Uranium-238			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0841 J	0.0854 J	0.114 J	0.083 J	0.114 J	< 0.200	0.138 J	0.120 J	0.138 J	< 0.200	0.0995 J	NA
Radiological	Total Uranium Isotopes	30		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0841 J	0.0854 J	0.114 J	0.083 J	0.114 J	< 0.200	0.138 J	0.120 J	0.138 J	< 0.200	0.0995 J	NA
Chemical	Fluoride	4		mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.32	3.25	2.95	3.09	3.29	4.09	3.5	NA	3.3
Chemical	Nitrate as N	10		mg/L		52	64	72	67	51	51	NA	52	41	55	46	41	35	21	15	22	37	37	21	26	20	22	30	24	NA
Chemical	Ammonia as N			mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.46	6.62	4.24	7.16	6.76	7.51	NA	NA	NA
Metals	Aluminum			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	559	551	382	288	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	5.96 J	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	191	186	131	145	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25100	24400	14700	19500	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.26 J	2.53 J	1.53 J	2.42 J	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	58.6	< 20.0	< 20.0	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	< 100	< 100	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7800	7630	5180	6650	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	440	427	209	305	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.3	10.5	9.96	12	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8800	8700	7650	8510	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.01 J	7.72 J	< 30.0	11.2 J	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79300	78100	60600	74300	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.56 J	2.67 J	1.99 J	2.78 J	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.18 J	41.1	10.9 J	23.9	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA
VOCs	Benzene	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Bromodichloromethane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Bromoform			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Bromomethane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2	< 2	< 2.0	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA
VOCs	2-Butanone			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA
VOCs	Carbon disulfide			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Carbon tetrachloride	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Chlorobenzene	100		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Chloroethane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2	< 2	< 2.0	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA
VOCs	Chloroform			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Chloromethane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Cyclohexane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromoethane	0.05		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,3-Dichlorobenzene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,4-Dichlorobenzene	75		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1-Dichloroethane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Dichlorodifluoromethane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2	< 2	< 2.0	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA
VOCs	1,2-Dichloroethane	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1-Dichloroethene	7		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dichloropropane	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	cis-1,3-Dichloropropene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	trans-1,3-Dichloropropene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Ethylbenzene	700		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	2-Hexanone			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA
VOCs	(1-Methylethyl)-Benzene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Methyl acetate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Methyl tert-butyl ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	4-Methyl-2-pentanone			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA
VOCs	Methylcyclohexane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
VOCs	Methylene chloride	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Naphthalene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10	W-10
				Date	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	1/17/2017	4/6/2017	4/7/2017	7/10/2017	10/12/2017	1/8/2018	4/16/2018	7/13/2018	10/19/2018	1/14/2019	6/4/2019	10/9/2019	10/9/2019	4/13/2020	10/5/2020	4/5/2021	10/5/2021	4/4/2022	10/6/2022	1/3/2023
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Tetrachloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Trichloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Vinyl chloride	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.99	< 0.96	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-10	W-10	W-10	W-10	W-11	W-11	W-11	W-11	W-11	W-11	W-11	W-11	W-11	W-11	W-11	W-11	W-11	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R
				Date	4/5/2023	10/5/2023	4/2/2024	10/1/2024	11/5/2018	12/5/2018	1/11/2019	6/5/2019	10/8/2019	4/10/2020	10/5/2020	4/5/2021	10/5/2021	4/4/2022	10/4/2022	4/5/2023	10/5/2023	4/3/2024	10/1/2024	1/19/2015	4/13/2015	7/13/2015	10/12/2015	1/14/2016	4/19/2016
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	3.35 #	0.566 #	NA	NA	7.82	14.2	17.0	20.9	7.82	36.3	11.3	12.8	0.816 #	0 ##	NA	NA	NA	NA	NA	4.48	0 ##	1.42 #	6.66	1.36 #	2.50
Radiological	Beta particles	50	*	pCi/L	31.7	44.8	NA	NA	2160	2450	1810	2060	2450	2080	1620	450	627	619	NA	NA	NA	NA	NA	114	143	37.7	86.2	130	102
Radiological	Tritium			pCi/L	158 #	99.4 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	336 #	164 #	0 ##	0 ##	0 ##	504 #
Radiological	Technetium-99	900		pCi/L	83.2	70.8	60.4	50.0	3570	3640	4200	2660	3420	3440	2760	1260	1230	948	1530	1750	1280	628	944	214	117 #	72.1 #	264	168 #	113 #
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	0.0922 #	0.0262 #	0.497	0.0194 #	0.205 #	0 ##	NA	0 ##	0.0982 #	0.0858 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	0 #	0 ##	0.0412 #	0.0248 #	0.0769 #	0.0116 #	NA	0.0362 #	0.0430 #	0.0294 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	0.114 #	0.110 #	0.256 #	0.0464 #	0.133 #	0.00916 #	NA	0 ##	0.0347 #	0.118 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	0 #	0 #	0 #	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			ug/L	0.0766 J	0.101 J	0.0801 J	0.110 J	< 0.200	< 0.200	0.192 J	0.0696 J	< 0.200	< 0.200	< 0.200	0.0828 J	0.0947 J	< 0.200	< 0.200	< 0.200	0.0821 J	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L	0.0766 J	0.101 J	0.0801 J	0.110 J	< 0.200	< 0.200	0.192 J	0.0696 J	< 0.200	< 0.200	< 0.200	0.0828 J	0.0947 J	< 0.200	< 0.200	< 0.200	0.0821 J	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L	2.8	3.7	3.3	3.2	NA	NA	NA	NA	0.021	0.017	0.009 J	0.0870 J	0.037 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	14	8.4	7.2	5.6	57	63	64	50	56	51	49	28	23	17	35	35	28	17	20	30	33	30	30	46	28
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	4.09	4.95	4.28	3.06	2.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	658	630	544	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	27900	27900	23800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	2.05 J	1.01 J	1.76 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	13200	12800	10900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	83.5	83.2	78.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	0.084 J	0.16 J	0.072 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	10.8	9.56	8.56	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	6280	6320	5500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	8.48 J	12.8 J	11.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	36200	35300	33000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	45	42.3	50.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform			ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	< 2.0	NA	NA	NA	< 5	< 5	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	< 2.0	NA	NA	NA	< 5	< 5	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform			ug/L	< 1.0	NA	NA	NA	< 5	< 5	1.1	1.2	1.1	1	1.1	< 1.0	< 1.0	< 1.0	< 1.0	0.58 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	< 1.0	NA	NA	NA	< 5	< 5	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.11	0.080	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	NA	NA	NA	< 5	< 5	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	< 1.0	< 0.500	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	2.5	2.1	3.1	< 1.0	1.3	1.8	4.0	2.54	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	NA	NA	NA	< 5	< 5	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	< 1.0	NA	NA	NA	< 5	< 5	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	NA	NA	NA	< 5	< 5	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	< 5.0	NA	NA	NA	< 5	< 5	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-10	W-10	W-10	W-10	W-11	W-11	W-11	W-11	W-11	W-11	W-11	W-11	W-11	W-11	W-11	W-11	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R
					Date	4/5/2023	10/5/2023	4/2/2024	10/1/2024	11/5/2018	12/5/2018	1/11/2019	6/5/2019	10/8/2019	4/10/2020	10/5/2020	4/5/2021	10/5/2021	4/4/2022	10/4/2022	4/5/2023	10/5/2023	4/3/2024	10/1/2024	1/19/2015	4/13/2015	7/13/2015	10/12/2015	1/14/2016	4/19/2016
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L		< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L		< 1.0	< 1.0	< 1.0	< 0.500	< 5	< 5	2	1.9	1.4	1.4	2.1	17	15	24	11	11	17	27	18.7	NA	NA	NA	NA	NA
VOCs	Toluene	1000		ug/L		< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		< 1.0	NA	NA	NA	< 5	< 5	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L		< 1.0	NA	NA	NA	< 5	< 5	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L		< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L		< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L		< 1.0	< 1.0	< 1.0	< 0.500	< 5	< 5	< 1	1.3	< 1.0	< 1	< 1.0	3.0	2.4	4.0	1.5	1.9	2.5	4.5	2.48	NA	NA	NA	NA	NA
VOCs	Trichlorofluoromethane			ug/L		< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L		< 1.0	< 1.0	< 1.0	< 0.500	< 2	< 2	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA
VOCs	Xylenes, Total	10000		ug/L		< 1.0	NA	NA	NA	< 5	< 5	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L		NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L		NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		NA	< 1.00	< 1.00	< 1.00	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L		NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L		NA	< 1.00	< 1.00	< 1.00	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L		NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L		NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R
					Date	7/8/2016	10/11/2016	1/17/2017	4/6/2017	7/13/2017	10/12/2017	1/8/2018	4/20/2018	7/13/2018	8/30/2018	10/19/2018	1/10/2019	6/6/2019	10/8/2019	4/8/2020	10/5/2020	4/6/2021	10/5/2021	4/4/2022	10/4/2022	1/3/2023	4/6/2023	10/5/2023	4/3/2024	10/1/2024
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L		2.79 #	1.99 #	6.14	10.5	25.2	9.02	23.6	9.29	7.07	NA	2.06 #	0.976 #	4.01 #	2.15 #	3.48 #	0.0510 #	1.01 #	0 ##	0 ##	1.93 #	NA	4.16 #	2.95 #	NA	NA
Radiological	Beta particles	50	*	pCi/L		68.0	77.3	65.0	65.0	73.0	52.6	69.5	55.2	60.9	NA	97.6	73.5	48.9	53.2	36.0	38.7	24.8	70.7	53.5	48.9	NA	NA	33.6	NA	NA
Radiological	Tritium			pCi/L		151 #	0 ##	0 ##	0 ##	0 ##	0 ##	128 #	42.8 #	263 #	NA	111 #	0 ##	150 #	116 #	0 ##	0 ##	95.3 #	176 #	0 ##	152 #	NA	96.2 #	2.03 #	NA	NA
Radiological	Technetium-99	900		pCi/L		204 #	234	166	NA	147	96.9	NA	86.3	67.2	NA	149	111	60.9	63.4	58.9	58.0	38.1	126	72.0	105	NA	70.1	81.9	59.9	85.8
Radiological	Uranium-233/234			pCi/L		NA	NA	NA	NA	4.11	NA	1.22	NA	NA	NA	NA	0.191 #	0.00734 #	0.246 #	0.0454 #	NA	0.0718 #	0.195 #	0.00291 #	NA	NA	0.275	NA	NA	NA
Radiological	Uranium-235/236			pCi/L		NA	NA	NA	NA	0.340	NA	0.126 #	NA	NA	NA	NA	0.107 #	0 ##	0.0418 #	0 ##	NA	0 #	0.151	0 #	NA	NA	0.153	NA	NA	NA
Radiological	Uranium-238			pCi/L		NA	NA	NA	NA	1.38	NA	0.405 #	NA	NA	NA	NA	0.210 #	0.0662 #	0.221	0.0527 #	NA	0.0118 #	0.122	0.0961 #	NA	NA	0.139 #	NA	NA	NA
Radiological	Percent Uranium-235			%		NA	NA	NA	NA	3.68	NA	0 #	NA	NA	NA	NA	0 #	0 #	0 #	0 #	NA	0 #	16.1	0 #	NA	NA	14.6	NA	NA	NA
Radiological	Uranium-234			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.131 J	0.149 J	0.128 J	0.139 J	0.076 J	0.131 J	0.130 J	0.158 J	0.131 J	0.108 J	NA	0.154 J	0.277	0.165 J	0.187 J
Radiological	Total Uranium Isotopes	30		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.131 J	0.149 J	0.128 J	0.139 J	0.076 J	0.131 J	0.130 J	0.158 J	0.131 J	0.108 J	NA	0.154 J	0.277	0.165 J	0.187 J
Chemical	Fluoride	4		mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.11	7.07	6.81	5.19	10.8	9.2	NA	8.9	7.3	9.5	9.1	8.2
Chemical	Nitrate as N	10		mg/L		27	27	28	29	28	24	22	24	23	NA	24	21	16	18	13	15	15	18	16	19	NA	17	19	16	16
Chemical	Ammonia as N			mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.5	21.4	24.2	22.4	38.9	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	831	879	831	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	3.74 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.3	94.3	89.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.89 J	1.57 J	1.85 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20500	20000	18900	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.04 J	< 10.0	170	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.87	6.77	8.24	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	4.2 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	55.1 J	71.5 J	1560	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7990	7590	7250	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	405	371	375	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.39	8.29	14.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9980	10600	11200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	11.3 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.6 J	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50400	42100	46000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.81 J	2.04 J	9.24	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.79 J	8.16 J	15.8 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	< 20	NA	NA	NA
VOCs	Benzene	5		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Bromodichloromethane			ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Bromoform			ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Bromomethane			ug/L		NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA
VOCs	2-Butanone			ug/L		NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA
VOCs	Carbon disulfide			ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Chloroethane			ug/L		NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA
VOCs	Chloroform			ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Chloromethane			ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Cyclohexane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L		NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L		NA	NA	NA	NA	NA	1.1	NA	NA	NA	< 1	1.4	1.3	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.68 J	0.62 J	0.52 J	0.843 J
VOCs	trans-1,2-Dichloroethene	100		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	2-Hexanone			ug/L		NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Methyl acetate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L		NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA
VOCs	Methylcyclohexane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA
VOCs	Methylene chloride	5		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R	W-13R
				Date	7/8/2016	10/11/2016	1/17/2017	4/6/2017	7/13/2017	10/12/2017	1/8/2018	4/20/2018	7/13/2018	8/30/2018	10/19/2018	1/10/2019	6/6/2019	10/8/2019	4/8/2020	10/5/2020	4/6/2021	10/5/2021	4/4/2022	10/4/2022	1/3/2023	4/6/2023	10/5/2023	4/3/2024	10/1/2024
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	NA	NA	NA	NA	NA	31	NA	NA	NA	25	39	46	14	15	14	15	5.4	27	21	30	NA	28	27	17	28.9
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	NA	NA	NA	NA	NA	2.5	NA	NA	NA	2.1	3.1	3.7	1.3	1.4	1.3	1.5	< 1.0	2.5	2.2	2.7	NA	2.6	2.5	1.7	2.16
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	< 8	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	< 20	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	< 8	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	< 8	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	< 8	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	< 8	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	< 20	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	< 8	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	< 8	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	< 20	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	< 8	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	< 8	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	< 20	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	< 20	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	< 4	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14
				Date	1/20/2015	4/14/2015	4/17/2015	7/10/2015	10/13/2015	1/18/2016	4/18/2016	7/12/2016	10/13/2016	1/13/2017	4/5/2017	7/11/2017	10/3/2017	1/12/2018	4/17/2018	7/12/2018	8/30/2018	10/18/2018	1/25/2019	10/18/2019	4/22/2020	10/19/2020	4/15/2021	10/18/2021	4/14/2022
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	0 ##	0 ##	NA	3.66	0 ##	1.88 #	2.36 #	1.31 #	1.21 #	1.74 #	2.29	1.03 #	0 ##	2.82	2.42 #	1.62 #	NA	0.0847 #	3.07 #	4.27	4.99	2.97 #	2.66 #	3.06 #	5.33
Radiological	Beta particles	50	*	pCi/L	3.56 #	8.20	NA	14.5	5.83	1.54 #	5.18	8.10	1.21 #	0 ##	8.34	2.06 #	8.82	7.73	10.0	4.97	NA	1.85 #	11.3	35.6	15.4	10.6	13.7	9.79	9.59
Radiological	Tritium			pCi/L	0 ##	0 ##	NA	0 ##	0 ##	0 ##	58.8 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0 ##	0 ##	NA	40.0 #	0 ##	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.11 #	0 ##	0.611 #	0.963 #	0 ##	0.299 #	0 ##
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.374 #	0.0696 #	0.532	NA	0.156 #	0 ##	0.0690 #
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0801 #	0 ##	0.110 #	NA	0 ##	0 ##	0 ##
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0790 #	0.139 #	0.467	NA	0.0904 #	0.00371 #	0 ##
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	0 #	NA	0 #	0 #	0 #
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	0.104 J	0.368	0.36	0.178 J	0.203	0.221	0.242
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	0.104 J	0.368	0.36	0.178 J	0.203	0.221	0
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.079	0.083	0.025 J	0.0790 J	0.067 J	< 0.10
Chemical	Nitrate as N	10		mg/L	3.3	NA	2.4	0.46	3.4	2.7	1.6	1.9	3.8	3.6	2	2.9	2.4	2.7	2.3	2.4	NA	3.3	0.5	0.061	0.11	1	0.25	0.39	0.16
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.26	4.27	2.88	3.04	4.17	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	799	687	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66000	56700	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.94 J	< 10.0	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24	20	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11900	14500	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18900	15300	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3440	2930	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.07 J	3.09 J	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17500	15000	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.14 J	< 30.0	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15700	12400	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.5 J	8.06 J	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromoform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromomethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	2-Butanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	Chloroform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14	W-14
				Date	1/20/2015	4/14/2015	4/17/2015	7/10/2015	10/13/2015	1/18/2016	4/18/2016	7/12/2016	10/13/2016	1/13/2017	4/5/2017	7/11/2017	10/3/2017	1/12/2018	4/17/2018	7/12/2018	8/30/2018	10/18/2018	1/25/2019	10/18/2019	4/22/2020	10/19/2020	4/15/2021	10/18/2021	4/14/2022
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16	35	9.9	1.1	4.8	12	2.6	2.8	1.4
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.6	5.3	2.1	< 1.0	1.3	2.1	< 1.0	1.1	< 1.0
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.98	< 0.96	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-14	W-14	W-14	W-14	W-14	W-14	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15
				Date	10/17/2022	1/5/2023	4/10/2023	10/23/2023	4/15/2024	10/16/2024	1/20/2015	4/14/2015	4/17/2015	7/10/2015	10/13/2015	1/18/2016	4/18/2016	7/12/2016	10/13/2016	1/11/2017	4/5/2017	7/11/2017	10/13/2017	10/13/2017	1/12/2018	4/17/2018	7/12/2018	8/30/2018	10/17/2018
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	NA	NA	NA	4.55	3.05	NA	1.48 #	2.08 #	1.15 #	0 ##	3.80 #	2.59	9.76	8.08	8.24	1.41 #	8.49	5.03	8.79	3.92 #	NA	2.19 #
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	NA	NA	NA	202	168	NA	199	157	189	178	220	143	75.7	165	175	185	224	174	181	180	NA	195
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	81.7 #	0 ##	NA	0 ##	33.6 #	127 #	156 #	40.3 #	14.7 #	0 ##	346 #	0 ##	0 ##	134 #	99.3 #	54.2 #	0 ##	NA	0 ##
Radiological	Technetium-99	900		pCi/L	2.02 #	NA	3.69 #	2.16 #	0.108 #	0 ##	308	242	NA	182 #	229	254	256	445	371	284	NA	276	295	321	255	261	264	NA	265
Radiological	Uranium-233/234			pCi/L	NA	NA	0.320 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	0.0509 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	0.275	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700
Radiological	Uranium-238			ug/L	0.251	NA	0.342	0.301	0.292	0.104 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.251	NA	0.342	0.301	0.292	0.104 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200
Chemical	Fluoride	4		mg/L	NA	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	0.22	NA	0.071	0.39	0.093	3.1	12	NA	26	24	21	26	24	26	27	28	29	29	27	29	34	45	44	NA	44
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 25.0	NA	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	< 20	< 20
VOCs	Benzene	5		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Bromodichloromethane			ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Bromoform			ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Bromomethane			ug/L	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	NA	NA	NA	< 2	< 2
VOCs	2-Butanone			ug/L	< 5.0	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	NA	NA	NA	< 10	< 10
VOCs	Carbon disulfide			ug/L	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Chlorobenzene	100		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Chloroethane			ug/L	< 1.0	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	NA	NA	NA	< 2	< 2
VOCs	Chloroform			ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Chloromethane			ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Cyclohexane			ug/L	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 2.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	1,1-Dichloroethane			ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Dichlorodifluoromethane			ug/L	< 1.0	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	NA	NA	NA	< 2	< 2
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	cis-1,2-Dichloroethene	70		ug/L	0.4 J	NA	0.58 J	0.48 J	0.51 J	0.195 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4	2.6	NA	NA	NA	1.8	1.2
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Ethylbenzene	700		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	2-Hexanone			ug/L	< 5.0	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	NA	NA	NA	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 5.0	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	NA	NA	NA	< 10	< 10
VOCs	Methylcyclohexane			ug/L	NA	NA	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 5.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Naphthalene (VOC)			ug/L	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Styrene	100		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-14	W-14	W-14	W-14	W-14	W-14	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15
				Date	10/17/2022	1/5/2023	4/10/2023	10/23/2023	4/15/2024	10/16/2024	1/20/2015	4/14/2015	4/17/2015	7/10/2015	10/13/2015	1/18/2016	4/18/2016	7/12/2016	10/13/2016	1/11/2017	4/5/2017	7/11/2017	10/13/2017	10/13/2017	1/12/2018	4/17/2018	7/12/2018	8/30/2018	10/17/2018
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Tetrachloroethene	5		ug/L	1.4	NA	1.3	0.57 J	0.46 J	13.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26	30	NA	NA	NA	19	11
VOCs	Toluene	1000		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Trichloroethene	5		ug/L	0.6 J	NA	0.70 J	0.67 J	0.57 J	2.46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.2	3.6	NA	NA	NA	2.4	2
VOCs	Trichlorofluoromethane			ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Vinyl chloride	2		ug/L	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Xylenes, Total	10000		ug/L	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1	< 1
VOCs	Hexachlorobutadiene (VOC)			ug/L	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA	< 8
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	NA	< 20
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA	< 8
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA	< 8
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA	< 8
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA	< 8
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	NA	< 20
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA	< 8
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA	< 8
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	NA	< 20
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA	< 8
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA	< 8
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	NA	< 20
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Naphthalene			ug/L	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	NA	< 20
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA	< 4
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA	< 0.8
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16
					Date	1/23/2019	6/4/2019	10/21/2019	4/21/2020	10/16/2020	4/15/2021	10/19/2021	4/14/2022	10/17/2022	4/13/2023	10/19/2023	4/15/2024	10/14/2024	1/20/2015	4/14/2015	4/17/2015	7/10/2015	10/13/2015	1/18/2016	4/18/2016	7/12/2016	10/13/2016	1/13/2017	4/5/2017	7/11/2017
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L		4.81	3.33 #	0 ##	8.12	13.0	3.99	1.06 #	2.50 #	NA	6.76	2.84 #	NA	NA	3.99 #	1.16 #	NA	3.59	4.59	0.0310 #	4.45 #	3.58	5.17	7.10	0.0414 #	2.03 #
Radiological	Beta particles	50	*	pCi/L		146	186	174	114	162	128	114	104	125	84.6	121	NA	NA	19.6	14.1	NA	15.7	21.0	21.4	19.7	23.5	21.4	18.0	13.0	22.1
Radiological	Tritium			pCi/L		0 ##	0 ##	0 ##	50.2 #	0 ##	0 ##	104 #	0 ##	0 ##	164 #	0 ##	NA	NA	337 #	96.2 #	NA	0 ##	0 ##	11.8 #	157 #	128 #	0 ##	0 ##	52.8 #	0 ##
Radiological	Technetium-99	900		pCi/L		233	281	253	219	238	213	221	206	231	185	186	163	185	0 ##	0 ##	NA	0 ##	0 ##	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-233/234			pCi/L		0.149 #	0.271 #	0.0108 #	0 ##	NA	0 ##	0 ##	0.302	NA	0 ##	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L		0.0456 #	0.0242 #	0.162 #	0 ##	NA	0 #	0.0538 #	0.0896 #	NA	0.0689 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L		0.111 #	0.0754 #	0.0531 #	0 ##	NA	0 ##	0 ##	0.127	NA	0 ##	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%		0 #	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L		< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235			ug/L		< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			ug/L		< 0.200	0.103 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	0.103 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L		NA	NA	1.88	2.28	1.96	2.19	2.12	2.3	1.9	1.8	2.5	2.7	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L		49	44	35	36	40	30	39	32	45	45	49	36	39	2.7	NA	2.7	2.6	3.4	2.7	2.5	3.9	3.7	2.9	3	3.9
Chemical	Ammonia as N			mg/L		NA	NA	12.6	14.7	12.8	9.55	0.487	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L		NA	NA	75 J	132 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	< 20.0	8.62 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	304	283	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	23700	20900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	< 10.0	1.15 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	4.38 J	5.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	9330	8040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	230	276	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	< 0.200	0.145 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	5.84	6.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	8550	7020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	38900	40400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	2.03 J	1.97 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	10.7 J	14.3 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane			ug/L		< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane			ug/L		< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L		< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1	1.2	1.3	< 1	1.5	< 1.0	1.1	1.0	1	0.93 J	1.1	0.90 J	0.973 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L		NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L		< 1	< 1	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-15	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16
				Date	1/23/2019	6/4/2019	10/21/2019	4/21/2020	10/16/2020	4/15/2021	10/19/2021	4/14/2022	10/17/2022	4/13/2023	10/19/2023	4/15/2024	10/14/2024	1/20/2015	4/14/2015	4/17/2015	7/10/2015	10/13/2015	1/18/2016	4/18/2016	7/12/2016	10/13/2016	1/13/2017	4/5/2017	7/11/2017
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	8.4	13	12	7.2	12	7.2	10	8.5	8.3	8.7	9.3	8.2	9.68	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Toluene	1000		ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	1.6	2.3	2.0	1.4	2.2	1.4	1.9	1.7	1.4	1.7	1.8	1.7	1.55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichlorofluoromethane			ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Xylenes, Total	10000		ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	< 1.0	< 0.98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-17	W-17	W-17	W-17	W-17	W-17	W-17
				Date	10/13/2017	1/12/2018	4/17/2018	7/12/2018	10/18/2018	1/28/2019	6/4/2019	10/21/2019	4/21/2020	10/20/2020	4/16/2021	10/19/2021	4/19/2022	10/18/2022	4/10/2023	10/19/2023	4/16/2024	10/16/2024	1/20/2015	4/14/2015	4/17/2015	7/15/2015	10/13/2015	1/21/2016	4/21/2016
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	2.02 #	3.59	1.27 #	3.84 #	0 ##	5.21	3.85 #	0.421 #	1.86 #	4.81 #	0.459 #	2.42 #	2.69 #	1.64 #	0.278 #	1.18 #	NA	NA	1.87	0.749 #	NA	1.38 #	0.447 #	10.2	0.514 #
Radiological	Beta particles	50	*	pCi/L	16.5	19.8	12.2	16.2	17.2	15.4	18.3	10.6	14.4	11.9	9.35	16.9	12.2	13.7	13.2	13.6	NA	NA	470	511	NA	477	462	592	396
Radiological	Tritium			pCi/L	0 ##	232 #	0 ##	0 ##	0 ##	117 #	0 ##	12.8 #	0 ##	0 ##	0 ##	39.0 #	0 ##	0 ##	395 #	192 #	NA	NA	50.2 #	31.0 #	NA	0 ##	0 ##	0 ##	0 ##
Radiological	Technetium-99	900		pCi/L	NA	NA	NA	NA	NA	4.93 #	16.4 #	0 ##	6.84	9.26	8.70	7.37	7.82	9.06	8.85	6.00	3.24 #	1.59 #	734	789	NA	663	848	780	1410
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	0 ##	0 ##	0.168 #	0.0631 #	NA	0 ##	0 ##	0.0821 #	NA	0 ##	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	0.0483 #	0 ##	0.0107 #	0 ##	NA	0 ##	0.0276 #	0.0165 #	NA	0.209 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	0.0802 #	0.0891 #	0.0718 #	0 ##	NA	0 ##	0.00235 #	0.0770	NA	0.107 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	0 #	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.250	< 0.0500	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.350	< 0.0700	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	< 0.200	0.113 J	0.0846 J	< 0.200	0.0827 J	0.126 J	< 0.200	0.0770 J	0.0691 J	0.216	0.126 J	0.118 J	2.12	0.431	NA	NA	NA	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	< 0.200	0.113 J	0.0846 J	< 0.200	0.0827 J	0.126 J	< 0.200	0.0770 J	0.0691 J	0.216	0.126 J	0.118 J	2.12	0.431	NA	NA	NA	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	9.5	8.92	7.77	8.44	7.35	9.8	1.6	6.5	8.1	6.6	3.7	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	4.2	3.5	4.6	4.5	4.6	3	3.8	3.2	2.5	2.6	3.3	2.0	2.6	0.76	2.5	1.8	2.0	0.96	13	NA	17	12	13	15	NA
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	13.3	16	15.4	10.7	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	827	926	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	135	125	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	1.28 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	3.73 J	13.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	12500	12100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	3.32 J	3.84 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	164	208	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	4230	4070	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	427	358	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	< 0.200	0.072 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	4.08 J	3.93 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	12900	11300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	20000	18200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	2.69 J	2.45 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	19.1 J	42.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform			ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	< 2	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	< 2	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform			ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	< 2	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	2.6	NA	NA	NA	3.2	1.2	1.5	1.5	1.3	1.1	< 1.0	< 1.0	< 1.0	0.49 J	< 1.0	0.43 J	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-16	W-17	W-17	W-17	W-17	W-17	W-17	W-17
					Date	10/13/2017	1/12/2018	4/17/2018	7/12/2018	10/18/2018	1/28/2019	6/4/2019	10/21/2019	4/21/2020	10/20/2020	4/16/2021	10/19/2021	4/19/2022	10/18/2022	4/10/2023	10/19/2023	4/16/2024	10/16/2024	1/20/2015	4/14/2015	4/17/2015	7/15/2015	10/13/2015	1/21/2016	4/21/2016
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L		< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L		12	NA	NA	NA	11	6.4	9.6	7.8	5.6	4.8	4.1	3.1	2.6	2.4	2.4	2.0	2.0	0.535 J	NA	NA	NA	NA	NA	NA
VOCs	Toluene	1000		ug/L		< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L		NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L		< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L		< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L		3	NA	NA	NA	2.9	1.7	2.4	2.2	1.7	1.5	1.4	1.1	< 1.0	0.75 J	0.77 J	0.66 J	0.76 J	< 0.500	NA	NA	NA	NA	NA	NA
VOCs	Trichlorofluoromethane			ug/L		< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L		< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA
VOCs	Xylenes, Total	10000		ug/L		< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L		< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L		< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L		< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L		< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L		< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L		< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L		< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L		< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L		< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L		< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L		< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L		< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L		< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.96	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L		< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L		< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-18R
				Date	7/12/2016	10/13/2016	1/13/2017	4/7/2017	7/11/2017	10/2/2017	1/15/2018	4/20/2018	7/12/2018	10/25/2018	1/25/2019	10/21/2019	4/20/2020	10/9/2020	4/13/2021	10/12/2021	4/7/2022	10/11/2022	10/11/2022	1/5/2023	4/17/2023	10/16/2023	4/8/2024	10/10/2024	7/8/2016
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 ##	0.705 #	2.86 #	15.5	0.114 #	3.45	1.36 #	2.16 #	NA	NA	NA	NA	NA	NA	NA	2.62 #
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	254	308	538	210	537	331	514	219	NA	NA	NA	NA	NA	NA	NA	228
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	212 #
Radiological	Technetium-99	900		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	348	476	820	429	887	851	719	505	300	518	NA	189	662	533	602	551
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.121 #	0.209 #	0.249 #	NA	0.0740 #	0.222 #	0.480	NA	NA	NA	0.130 #	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.146 #	0.0726 #	0 #	NA	0 #	0.105 #	0.0264 #	NA	NA	NA	0.0843 #	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.107 #	0.0507 #	0 ##	NA	0.0923 #	0.117 #	0.227 #	NA	NA	NA	0.214	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	NA	NA	0 #	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.157 J	0.0939 J	0.0855 J	0.121 J	0.0871 J	0.103 J	0.122 J	0.314	0.125 J	0.151 J	NA	0.274	0.128 J	0.123 J	0.160 J	NA
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.157 J	0.0939 J	0.0855 J	0.121 J	0.0871 J	0.103 J	0.122 J	0.314	0.125 J	0.151 J	NA	0.274	0.128 J	0.123 J	0.160 J	NA
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.22	2.55	1.85	2.20	1.9	3.0	NA	2.2	3.7	3.2	2.8	3.1	2.7	NA
Chemical	Nitrate as N	10		mg/L	15	16	15	16	16	16	18	16	14	4.5	12	16	13	19	16	17	16	13	14	NA	11	14	14	14	NA
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.79	8.97	6.57	4.92	7.84	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	164	163	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16300	17000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.53	6.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5030	5420	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	282	227	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	0.082 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.33	8.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7440	6990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35000	35100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.37	8.68	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	21.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	< 20	< 20	NA	NA	NA
VOCs	Benzene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromoform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromomethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	NA	NA	NA
VOCs	2-Butanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10	NA	NA	NA
VOCs	Carbon disulfide			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Chloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	NA	NA	NA
VOCs	Chloroform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Chloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	1.1	< 1.0	1.2	< 1.0	1.1	1.2	NA	< 1.0	1.5	1.1	1.00 J	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	2-Hexanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-17	W-18R
					Date	7/12/2016	10/13/2016	1/13/2017	4/7/2017	7/11/2017	10/2/2017	1/15/2018	4/20/2018	7/12/2018	10/25/2018	1/25/2019	10/21/2019	4/20/2020	10/9/2020	4/13/2021	10/12/2021	4/7/2022	10/11/2022	10/11/2022	1/5/2023	4/17/2023	10/16/2023	4/8/2024	10/10/2024	7/8/2016
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	1.7	4.3	2	5.2	4.7	6.1	4.0	6.7	6.4	NA	1.9	6.0	5.6	4.76	NA
VOCs	Toluene	1000		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Trichloroethene	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	1.1	1.0	1.3	< 1.0	1.4	1.3	NA	0.61 J	1.3	1.5	1.02	NA
VOCs	Trichlorofluoromethane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA
VOCs	Xylenes, Total	10000		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA
SVOCs	Nitrobenzene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-19B
				Date	10/21/2016	10/21/2016	10/24/2016	10/24/2016	1/16/2017	4/6/2017	7/10/2017	1/8/2018	4/16/2018	7/13/2018	10/23/2018	1/15/2019	10/7/2019	4/7/2020	10/9/2020	4/13/2021	10/8/2021	4/7/2022	10/7/2022	1/5/2023	4/17/2023	10/16/2023	4/5/2024	8/30/2018
				Type	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																							
Radiological	Alpha particles	15	*	pCi/L	9.55 #	0.995 #	NA	NA	21.4	1.50 #	21.2	18.9	26.5	9.77	14.3	6.79 #	9.79 #	8.00 #	16.5	13.2	20.9	6.06 #	2.88 #	NA	7.15	3.29 #	NA	NA	1.32 #
Radiological	Beta particles	50	*	pCi/L	157	180	NA	NA	207	153	191	183	211	172	131	124	150	73.6	124	54.7	49.3	66.1	61.1	NA	56.9	101	NA	NA	3.45
Radiological	Tritium			pCi/L	0 ##	0 ##	NA	NA	27.3 #	0 ##	0 ##	368 #	0 ##	217 #	14.9 #	0 ##	210 #	0 ##	0 ##	0 ##	148 #	0 ##	0 ##	NA	316 #	340 #	NA	NA	348 #
Radiological	Technetium-99	900		pCi/L	314	341	NA	NA	NA	NA	355	NA	NA	384	208	168	214	295	243	175	143	85.8	110	NA	138	162	134	133	NA
Radiological	Uranium-233/234			pCi/L	2.76	NA	NA	NA	3.45	5.17	3.78	4.20	3.89	NA	1.85	4.62	1.53	2.12	2.59	3.83	1.37	0.770	NA	NA	1.33	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	0.301	NA	NA	NA	0.139 #	0.328 #	0.438 #	0.446	0.325 #	NA	0.247 #	0.528	0.266	0.0757 #	0.277	0.306	0 ##	0.116 #	NA	NA	0.186	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	2.34	NA	NA	NA	2.57	2.46	3.09	2.24	2.25	NA	1.19	2.07	1.17	1.41	1.29	1.44	1.15	0.872	NA	NA	0.842	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	0	NA	NA	NA	0 #	0 #	0 #	3.00	0 #	NA	0 #	3.81	3.41	0 #	3.23	3.20	0 #	0 #	NA	NA	3.32	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0453 J	0.062 J	0.035 J	0.05 J	0.0498 J	0.0720	0.0240 J	0.0214 J	0.0318 J	NA	0.0211 J	0.0202 J	0.0224 J	0.0182 J	NA
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.42	5.03	4.06	4.32	4.26	4.25	2.70	2.31	2.52	NA	2.09	1.96	2.21	1.87	NA
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.47	5.09	4.10	4.37	4.31	4.33	2.72	2.33	2.55	NA	2.11	1.98	2.23	1.89	NA
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.34	4.6	5.92	4.89	6.76	5.4	NA	5.0	5.1	6.5	6.9	6.2	NA
Chemical	Nitrate as N	10		mg/L	NA	NA	1100	1100	NA	NA	NA	NA	NA	840	710	750	770	790	660	470	550	340	380	NA	350	350	330	340	4.1
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	126	55	17.8	58.5	77.5	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	79.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	9.95 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	713	720	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.94 J	1.31 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	222000	208000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	1.68 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.16 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	6.85 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36000	33000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	229	312	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12	8.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11400	11400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23.7 J	36.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	948000	896000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.59	7.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.4	57.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	< 20	< 20	NA	NA	< 20
VOCs	Benzene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Bromoform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Bromomethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	NA	NA	< 2
VOCs	2-Butanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10	NA	NA	< 10
VOCs	Carbon disulfide			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Chloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	NA	NA	< 2
VOCs	Chloroform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.6	1.4	1.9	1.4	1.3	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.44 J	< 1.0	NA	NA	< 1
VOCs	Chloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	NA	NA	< 2
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	1.01	< 1
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	2-Hexanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10	NA	NA	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10	NA	NA	< 10
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1
VOCs	Styrene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-18R	W-19B
				Date	10/21/2016	10/21/2016	10/24/2016	10/24/2016	1/16/2017	4/6/2017	7/10/2017	1/8/2018	4/16/2018	7/13/2018	10/23/2018	1/15/2019	10/7/2019	4/7/2020	10/9/2020	4/13/2021	10/8/2021	4/7/2022	10/7/2022	1/5/2023	4/17/2023	10/16/2023	4/5/2024	10/3/2024	8/30/2018
				Type	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Tetrachloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.8	2.2	3.5	3.4	3.4	2.3	1.9	1.7	1.7	NA	1.6	1.5	1.8	1.17 J	110
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Trichloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	0.60 J	< 0.500	2.2
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Vinyl chloride	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	< 1
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-20	W-20	W-20	W-20	W-20	W-20	W-20
				Date	10/3/2018	10/4/2018	11/4/2018	1/23/2019	10/21/2019	4/17/2020	4/17/2020	10/20/2020	4/20/2021	4/20/2021	10/20/2021	4/19/2022	10/18/2022	4/17/2023	4/17/2023	10/16/2023	4/12/2024	10/10/2024	1/21/2015	4/16/2015	7/16/2015	10/19/2015	1/20/2016	4/21/2016	7/13/2016
				Type	N	N	N	N	N	N	FD	N	N	FD	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	NA	NA	0 ##	4.23	2.26 #	1.20 #	0.569 #	1.06 #	1.58 #	0 ##	2.63	0.928 #	NA	NA	NA	NA	NA	NA	0.369 #	0 ##	0.255 #	0.851 #	0.599 #	0.491 #	1.66 #
Radiological	Beta particles	50	*	pCi/L	NA	NA	0 ##	0.0395 #	0 ##	4.24 #	0 ##	0.801 #	1.02 #	3.35	0 ##	3.83 #	NA	NA	NA	NA	NA	NA	0.724 #	2.04 #	1.72 #	2.60 #	2.12 #	2.16 #	1.82 #
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.2 #	306 #	19.7 #	0 ##	312 #	54.4 #	NA
Radiological	Technetium-99	900		pCi/L	NA	NA	0 ##	0 ##	0 ##	0 ##	0 ##	0.329 #	0 ##	0 ##	1.70 #	2.05 #	3.61	0 ##	0 ##	2.03 #	0 ##	0 ##	5.19 #	0 ##	32.4 #	4.11 #	NA	NA	NA
Radiological	Uranium-233/234			pCi/L	NA	NA	0.131 #	0.525	0.197 #	0 ##	0.0200 #	NA	0 ##	0 ##	0.0812 #	0 ##	NA	0.137 #	0.0954 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	0.0261 #	0.138	0.125 #	0.0238 #	0 ##	NA	0 ##	0 #	0.0699 #	0.00869 #	NA	0.0506 #	0.0503 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	0.0423 #	0.297	0.0559 #	0 ##	0.0337 #	NA	0 ##	0 ##	0.0976 #	0.0392 #	NA	0.0262 #	0.0464 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	0 #	6.73	0 #	0 #	0 #	NA	0 #	0 #	0 #	0 #	NA	0 #	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	NA	NA	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235			ug/L	NA	NA	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			ug/L	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	0.019	0.01	0.006	< 0.1	0.0150 J	0.0100 J	0.015 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	NA	NA	4.3	3.8	3.8	4.2	3.9	3.9	3.4	3.8	3.7	3.6	3.6	3.1	3.1	3.2	3.1	3.0	0.058	0.051	0.024	0.042	0.068	0.16	0.1
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	0.0146	0.0168	0.0459	0.0286 J	0.0567 J	0.0176 J	0.0131 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	< 200	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	5.32 J	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	84.8	82.7	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	4330	4770	4890	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	2.27 J	2.21 J	2.04 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	< 5.00	1.41 J	1.32 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	1520	1590	1660	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	< 10.0	< 10.0	2.29 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	< 0.200	0.08 J	0.085 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	1.95 J	1.51 J	1.88 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	1510	1480	1390	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	< 5.00	1.14 J	1.17 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	7420	7420	7400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	7 J	7.56 J	9.8 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	< 20	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	< 2	NA	< 5	< 2	< 2.0	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	< 2	NA	< 5	< 2	< 2.0	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	NA	< 5	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	0.025	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	< 2	NA	< 5	< 2	< 2.0	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	< 5	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	< 5	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	< 5	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	NA	< 5	NA	< 5.0	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	< 1	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-19B	W-20	W-20	W-20	W-20	W-20	W-20	W-20
					Date	10/3/2018	10/4/2018	11/4/2018	1/23/2019	10/21/2019	4/17/2020	4/17/2020	10/20/2020	4/20/2021	4/20/2021	10/20/2021	4/19/2022	10/18/2022	4/17/2023	4/17/2023	10/16/2023	4/12/2024	10/10/2024	1/21/2015	4/16/2015	7/16/2015	10/19/2015	1/20/2016	4/21/2016	7/13/2016
					Type	N	N	N	N	N	N	FD	N	N	FD	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	83	NA	120	92	150	130	130	120	97	93	89	75	68	44	48	73	71	42.8	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Toluene	1000		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	< 5	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	< 5	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	1.7	NA	< 5	1.9	2.5	2.3	2.4	2	1.7	1.7	1.6	1.5	1.1	0.76 J	0.85 J	1.5	1.5	0.665 J	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichlorofluoromethane			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 1	NA	< 2	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Xylenes, Total	10000		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	20	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	21	< 8	< 8	< 8.0	< 8	< 8	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.94	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-22	W-22
				Date	10/18/2016	1/16/2017	4/5/2017	7/12/2017	10/3/2017	1/15/2018	4/22/2018	7/15/2018	8/30/2018	10/30/2018	10/30/2018	1/29/2019	10/15/2019	4/27/2020	10/13/2020	4/22/2021	10/26/2021	4/25/2022	10/20/2022	4/21/2023	10/24/2023	4/18/2024	10/18/2024	1/19/2015	4/13/2015
				Type	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	0.0259 #	3.15 #	1.79	8.69	2.64 #	1.59	1.25 #	1.39	NA	0 ##	0.513 #	0.702 #	0.912 #	1.35 #	1.45	2.27 #	0.485 #	0 ##	NA	NA	NA	NA	NA	7.25	2.10 #
Radiological	Beta particles	50	*	pCi/L	1.42 #	1.79 #	3.32	3.25	6.07	4.16	4.34 #	0.644 #	NA	1.34 #	1.09 #	1.00 #	3.22 #	3.53 #	3.29 #	2.46 #	0 ##	0.133 #	NA	NA	NA	NA	NA	48.1	37.4
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	175 #	0 ##
Radiological	Technetium-99	900		pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 ##	0 ##	0 ##	1.99 #	1.17 #	0 ##	0 ##	0.168 #	7.45	2.40 #	1.49 #	1.68 #	29.0 #	4.10 #
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0829 #	0.0228 #	0 ##	NA	0 ##	0 ##	0 ##	NA	0 ##	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0526 #	0.0276 #	0.00993 #	NA	0 ##	0 ##	0 ##	NA	0.0264 #	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.196 #	0.0995 #	0.0323 #	NA	0 ##	0 ##	0.00111 #	NA	0.0213 #	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0831 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.100 J	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0831 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.100	NA	NA
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.077	0.03	0.023 J	0.0300 J	0.042 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA
Chemical	Nitrate as N	10		mg/L	0.032	< 0.02	0.025	0.13	0.12	0.051	0.065	0.049	NA	< 0.02	< 0.02	0.035	< 0.020	0.045	< 0.020	< 0.020	0.042	< 0.020	< 0.020	< 0.020	< 0.020	0.084	0.11	64	150
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0632	0.0266	0.0327 J	0.171	0.0427 J	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	181	149	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9740	8070	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.69 J	2.37 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	229	373	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6900	4820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	420	357	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.29 J	2.8 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	666	327	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8600	7260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.63 J	7.45 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Bromoform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 5	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 5	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	NA
VOCs	Chloroform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 5	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-20	W-22	W-22
				Date	10/18/2016	1/16/2017	4/5/2017	7/12/2017	10/3/2017	1/15/2018	4/22/2018	7/15/2018	8/30/2018	10/30/2018	10/30/2018	1/29/2019	10/15/2019	4/27/2020	10/13/2020	4/22/2021	10/26/2021	4/25/2022	10/20/2022	4/21/2023	10/24/2023	4/18/2024	10/18/2024	1/19/2015	4/13/2015
				Type	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	NA	NA
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 2	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	0.45	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22
				Date	7/13/2015	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	10/21/2016	10/21/2016	10/24/2016	10/24/2016	1/16/2017	4/6/2017	7/10/2017	10/12/2017	1/8/2018	4/16/2018	7/13/2018	10/23/2018	1/15/2019	1/22/2019	10/7/2019	4/7/2020	10/8/2020	4/15/2021	10/8/2021
				Type	N	N	N	N	N	N	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	5.75	2.07 #	0.0773 #	0 ##	1.85 #	NA	3.77 #	0 ##	NA	NA	26.8	10.2	10.1	8.32	9.93	9.77	14.2	1.34 #	NA	4.16 #	2.92 #	3.52	1.17 #	1.68 #	8.55
Radiological	Beta particles	50	*	pCi/L	42.5	20.3	40.6	42.3	51.1	NA	59.0	42.2	NA	NA	130	79.9	77.4	73.7	106	92.3	77.9	17.1	NA	18.2	29.6	14.9	21.5	19.0	24.5
Radiological	Tritium			pCi/L	0 ##	0 ##	242 #	116 #	61.4 #	NA	0 ##	0 ##	NA	NA	41.7 #	109 #	0 ##	0 ##	87.8 #	0 ##	321 #	74.3 #	NA	0 ##	115 #	62.4 #	0 ##	94.2 #	0 ##
Radiological	Technetium-99	900		pCi/L	4.39 #	101 #	NA	NA	168 #	NA	105	NA	NA	NA	NA	NA	98.7	129	140	128	110	NA	NA	14.9 #	57.4	20.1	27.9	26.3	31.1
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.20	NA	NA	NA	NA	NA	NA	NA	NA	1.18	0.905	0.420	NA	0.927	0.727
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.251 #	NA	NA	NA	NA	NA	NA	NA	NA	0.437	0.136 #	0.0932 #	NA	0.0249 #	0.220 #
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.79	NA	NA	NA	NA	NA	NA	NA	NA	0.672	0.322	0.124 #	NA	0.0993 #	0.302
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA	9.18	0 #	0 #	NA	0 #	0 #
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	NA	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0128 J	NA	0.0138 J	0.0177 J	0.0108 J	0.0141 J	0.0125 J	0.0144 J
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.698	NA	0.696	0.854	0.599	0.723	0.606	0.793
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.711	NA	0.71	0.872	0.61	0.737	0.619	0.807
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.52	3.63	4.48	4.10	5.61
Chemical	Nitrate as N	10		mg/L	170	30	250	120	160	48	NA	NA	180	150	110	300	96	140	130	150	85	71	59	NA	100	50	82	57	72
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16	36.6	24.3	45.9
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1610	1700	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	13.6 J	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46.3	83	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.76 J	1.37 J	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	55300	28200	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.07 J	1.06 J	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.89	4.09 J	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	65.8 J	< 100	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	4.06 J	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9890	5610	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1280	657	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.4	5.71	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7030	4430	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.61 J	11.3 J	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159000	76900	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.92 J	1.02 J	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	30.1	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	NA	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Bromoform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Bromomethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0
VOCs	2-Butanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Chloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0
VOCs	Chloroform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Chloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-22
				Date	7/13/2015	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	10/21/2016	10/21/2016	10/24/2016	10/24/2016	1/16/2017	4/6/2017	7/10/2017	10/12/2017	1/8/2018	4/16/2018	7/13/2018	10/23/2018	1/15/2019	1/22/2019	10/7/2019	4/7/2020	10/8/2020	4/15/2021	10/8/2021
				Type	N	N	N	N	N	N	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	NA	< 8.0	< 8	< 0.80	< 0.80	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	NA	< 20	< 20	< 4.0	< 4.0	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	NA	< 8.0	< 8	< 1.6	< 1.6	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	NA	< 8.0	< 8	< 1.6	< 1.6	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	NA	< 8.0	< 8	< 1.6	< 1.6	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 1.6	< 1.6	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	NA	< 8.0	< 8	< 1.6	< 1.6	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	NA	< 20	< 20	< 4.0	< 4.0	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	NA	< 8.0	< 8	< 0.80	< 0.80	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 1.6	< 1.6	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	NA	< 8.0	< 8	< 1.6	< 1.6	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	NA	< 20	< 20	< 4.0	< 4.0	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	NA	< 8.0	< 8	< 4.0	< 4.0	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	NA	< 8.0	< 8	< 4.0	< 4.0	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	NA	< 20	< 20	< 4.0	< 4.0	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	NA	< 20	< 20	< 4.0	< 4.0	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.95	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	NA	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R
				Date	4/4/2022	10/7/2022	1/5/2023	4/11/2023	10/10/2023	4/4/2024	10/3/2024	1/20/2015	4/14/2015	4/17/2015	7/10/2015	10/13/2015	1/18/2016	4/18/2016	7/12/2016	10/13/2016	1/13/2017	4/5/2017	7/11/2017	10/3/2017	1/12/2018	4/17/2018	7/12/2018	8/30/2018	10/18/2018
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	1.01 #	4.15 #	NA	1.40 #	4.27	NA	NA	1.29 #	1.18 #	NA	0.134 #	0 ##	0.645 #	0.907 #	3.00 #	16.5	42.2	4.13	18.1	8.15	23.7	10.9	20.7	NA	0.712 #
Radiological	Beta particles	50	*	pCi/L	19.3	12.2	NA	9.27	24.9	NA	NA	0.302 #	0.462 #	NA	3.59 #	0.0623 #	2.52 #	0.989 #	0.932 #	9.32	13.3	3.22	7.19	7.45	18.5	8.33	12.6	NA	0.307 #
Radiological	Tritium			pCi/L	0 ##	0 ##	NA	233 #	26.3 #	NA	NA	81.7 #	0 ##	NA	0 ##	0 ##	182 #	243 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	29.3	22.4	NA	9.13	35.5	22.1	26.7	5.46 #	0 ##	NA	113 #	12.8 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-233/234			pCi/L	0.644	NA	NA	0.395	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.01	0.651	NA	1.43	NA	0.670 #	NA	1.02	NA	NA
Radiological	Uranium-235/236			pCi/L	0 ##	NA	NA	0 ##	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0651 #	0.213 #	NA	0.228 #	NA	0.451 #	NA	0.591	NA	NA
Radiological	Uranium-238			pCi/L	0.316	NA	NA	0.219	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.366 #	0.618	NA	1.13	NA	0.181 #	NA	0.801	NA	NA
Radiological	Percent Uranium-235			%	0 #	NA	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	NA	0 #	NA	0 #	NA	10.3	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500
Radiological	Uranium-235			ug/L	0.0116 J	0.0115 J	NA	< 0.0700	0.0114 J	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700
Radiological	Uranium-238			ug/L	0.650	0.594	NA	0.411	0.460	0.503	0.411	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.662	0.606	NA	0.411	0.471	0.503	0.411	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200
Chemical	Fluoride	4		mg/L	6.0	NA	4.1	2.8	5.8	4.8	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	71	58	NA	15	83	45	43	0.31	NA	0.55	0.5	0.43	0.74	0.88	0.92	1.2	0.45	0.43	1	0.77	0.49	0.45	0.19	NA	NA
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	NA	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA
VOCs	Benzene	5		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Bromoform			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Bromomethane			ug/L	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA
VOCs	2-Butanone			ug/L	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA
VOCs	Carbon disulfide			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Chloroethane			ug/L	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA
VOCs	Chloroform			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Chloromethane			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Cyclohexane			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	NA	< 1.0	0.66 J	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	2-Hexanone			ug/L	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Styrene	100		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-22	W-22	W-22	W-22	W-22	W-22	W-22	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R
				Date	4/4/2022	10/7/2022	1/5/2023	4/11/2023	10/10/2023	4/4/2024	10/3/2024	1/20/2015	4/14/2015	4/17/2015	7/10/2015	10/13/2015	1/18/2016	4/18/2016	7/12/2016	10/13/2016	1/13/2017	4/5/2017	7/11/2017	10/3/2017	1/12/2018	4/17/2018	7/12/2018	8/30/2018	10/18/2018
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1.0	NA	< 1.0	< 1.0	0.47 J	< 0.600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	NA	< 1.0	0.43 J	0.49 J	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24
					Date	1/28/2019	10/18/2019	4/21/2020	10/19/2020	10/19/2020	4/14/2021	10/18/2021	4/13/2022	10/17/2022	4/10/2023	4/10/2023	10/23/2023	4/16/2024	10/15/2024	1/20/2015	4/14/2015	4/16/2015	7/10/2015	10/9/2015	1/15/2016	4/18/2016	7/5/2016	10/13/2016	1/11/2017	4/3/2017
					Type	N	N	N	N	FD	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		2.60 #	0 ##	0.307 #	3.55 #	7.16	0 ##	0.635 #	1.81	NA	NA	NA	NA	NA	NA	1.08 #	0.763 #	NA	0.712 #	0 ##	0.618 #	0 ##	1.37 #	11.2	1.56 #	4.45
Radiological	Beta particles	50	*	pCi/L		3.15 #	1.68 #	2.18 #	1.64 #	8.82	0.790 #	0.988 #	10.6	NA	NA	NA	NA	NA	NA	2.53 #	13.0	NA	1.97 #	2.43 #	0.331 #	1.72 #	4.16	5.45	1.70 #	2.59
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	164 #	0 ##	NA	0 ##	0 ##	0 ##	42.8 #	288 #	0 ##	0 ##	0 ##
Radiological	Technetium-99	900		pCi/L		0 ##	0 ##	0 ##	0.946 #	0.866 #	0 ##	0 ##	1.23 #	2.53 #	4.09 #	1.34 #	2.83 #	0 ##	1.46 #	27.4 #	0 ##	NA	0 ##	18.7 #	NA	NA	NA	NA	NA	NA
Radiological	Uranium-233/234			pCi/L		0.150 #	0.0833 #	0 ##	NA	NA	0 ##	0 ##	0.838	NA	0.254 #	0.0148 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L		0.0640 #	0 ##	0.0770 #	NA	NA	0 ##	0.0323 #	0.0727 #	NA	0.0530 #	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L		0.113 #	0.0221 #	0.0184 #	NA	NA	0.0426 #	0.0357 #	0.555	NA	0.150 #	0.0795 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%		0 #	0 #	0 #	NA	NA	0 #	0 #	0 #	NA	0 #	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L		< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235			ug/L		< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.201	< 0.200	0.164 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0793 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.201	< 0.200	0	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0793 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L		NA	0.017	0.022	< 0.1	< 0.1	0.0250 J	0.029 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L		1.2	0.71	0.88	0.79	0.78	0.65	0.67	0.57	0.57	0.68	0.66	0.75	0.74	0.58	0.058	NA	0.054	0.024	0.025	0.11	0.19	0.24	0.045	0.074	0.025
Chemical	Ammonia as N			mg/L		NA	0.0154	0.0292	0.024 J	0.0491 J	0.0193 J	0.0495 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L		NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	53.8	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	1380	1610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	1.96 J	2.54 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	< 5.00	1.37 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	852	971	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	7.36 J	7.97 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	< 0.200	0.075 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	< 5.00	1.83 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	645	578	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	1.25 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	8150	8350	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	4.69 J	5.38 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane			ug/L		< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane			ug/L		< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L		NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	< 0.020	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	< 0.020	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L		< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L		NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L		NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L		NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L		NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L		< 1	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-23R	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24
				Date	1/28/2019	10/18/2019	4/21/2020	10/19/2020	10/19/2020	4/14/2021	10/18/2021	4/13/2022	10/17/2022	4/10/2023	4/10/2023	10/23/2023	4/16/2024	10/15/2024	1/20/2015	4/14/2015	4/16/2015	7/10/2015	10/9/2015	1/15/2016	4/18/2016	7/5/2016	10/13/2016	1/11/2017	4/3/2017
				Type	N	N	N	N	FD	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Toluene	1000		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichlorofluoromethane			ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Xylenes, Total	10000		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 8	< 8.0	< 8	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 4	< 4.0	< 4	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 8	< 8.0	< 8	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	< 4	< 4.0	< 4	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	< 8	< 8.0	< 8	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	< 8	< 8.0	< 8	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	< 1.0	< 1.0	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-25	W-25	W-25	W-25
				Date	7/11/2017	10/13/2017	1/12/2018	4/17/2018	7/10/2018	10/16/2018	1/25/2019	10/11/2019	4/22/2020	10/22/2020	4/23/2021	4/23/2021	6/9/2021	6/9/2021	10/21/2021	4/20/2022	10/21/2022	4/18/2023	10/23/2023	4/16/2024	10/16/2024	1/30/2019	10/16/2019	4/27/2020	10/27/2020
				Type	N	N	N	N	N	N	N	N	N	N	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	10.1	0.786 #	7.44	4.84	4.43	0.270 #	0 ##	0 ##	0.684 #	1.51 #	0.118 #	0.190 #	NA	NA	2.51 #	0	0.283 #	2.64 #	0.600 #	NA	NA	3.58 #	10.1	0.271 #	1.54 #
Radiological	Beta particles	50	*	pCi/L	7.70	2.98	6.88	2.24 #	3.18 #	0.398 #	0.517 #	2.51 #	4.54	9.76	0.365 #	1.96 #	NA	NA	12.2	2.03 #	1.17 #	56.1	3.12 #	NA	NA	5.32	7.27	2.82 #	8.68
Radiological	Tritium			pCi/L	0 ##	0 ##	56.8 #	0 ##	0 ##	65.7 #	0 ##	67.8 #	0 ##	9.11 #	0 ##	0 ##	NA	NA	39.3 #	150 #	151 #	201 #	0 ##	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	NA	NA	NA	NA	NA	NA	0 ##	13.0 #	0.432 #	0.536 #	1.99 #	1.33 #	NA	NA	0 ##	0 ##	0 ##	0.311 #	2.73 #	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	2.82 #
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	0.128 #	0.136 #	0.0281 #	NA	0 ##	0 ##	NA	NA	0 ##	0.217 #	NA	0.186 #	NA	NA	NA	NA	0.640	0.195 #	0 ##	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	0.0898 #	0.0816 #	0.0190 #	NA	0.0503 #	0 ##	NA	NA	0 ##	0.0253 #	NA	0.00994 #	NA	NA	NA	0.0794 #	0.0748 #	0 ##	NA
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	0.0983 #	0.0660 #	0 ##	NA	0.0407 #	0.0522 #	NA	NA	0.0168 #	0.136 #	NA	0.0367 #	NA	NA	NA	0.466	0.269	0 ##	NA
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	0 #	0 #	0 #	NA	0 #	0 #	NA	NA	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	0 #	NA
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.050	< 0.0500
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.070	< 0.0700
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.419	0.295	0.0841 J	0.0826 J
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.419	0.295	0.0841 J	0.0826 J
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	0.025	0.024	0.004 J	NA	NA	< 0.1	0.00100 J	0.025 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	0.126	0.106	0.138
Chemical	Nitrate as N	10		mg/L	0.12	0.11	< 0.02	0.033	0.02	0.042	0.13	< 0.020	< 0.02	< 0.020	< 0.020	< 0.020	NA	NA	< 0.020	0.099	0.022	0.020	< 0.020	0.070	0.14	< 0.02	0.067	< 0.02	0.069
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	0.0283	0.0313	0.0332 J	NA	NA	0.0133 J	0.0262 J	0.0398 J	NA	NA	NA	NA	NA	NA	NA	1.91	0.715	0.807
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	< 200	97.6 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	486	199 J	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.52 J	< 20.0	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	12.1	11.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	94	77.3	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	4310	3880	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12600	19600	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.95 J	< 10.0	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	1.12 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	1.04 J	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	626	395	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19700	9690	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.1 J	< 20.0	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	2260	2020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5040	4240	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	2.37 J	2.26 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	272	516	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	1.82 J	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	934	730	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2500	2690	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.56 J	< 5.00	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	2420	1710	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8090	6100	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.28	4.07 J	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	4.23 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16 J	3.95 J	NA
VOCs	Acetone			ug/L	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 100	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Bromodichloromethane			ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Bromoform			ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Bromomethane			ug/L	NA	< 2	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 10	< 2.0	< 2	< 2.0
VOCs	2-Butanone			ug/L	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 50	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Carbon tetrachloride	5		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Chlorobenzene	100		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Chloroethane			ug/L	NA	< 2	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	NA	NA	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 10	< 2.0	< 2	< 2.0
VOCs	Chloroform			ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Chloromethane			ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020
VOCs	Dibromochloromethane			ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	1,1-Dichloroethane			ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	NA	< 2	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	NA	NA	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 10	< 2.0	< 2	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 5	< 1.0	< 1	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Ethylbenzene	700		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	2-Hexanone			ug/L	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 50	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 50	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	NA	NA	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5	< 5.0
VOCs	Methylene chloride	5		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Naphthalene (VOC)			ug/L	NA	< 1	NA	NA	NA	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 5	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-24	W-25	W-25	W-25	W-25
				Date	7/11/2017	10/13/2017	1/12/2018	4/17/2018	7/10/2018	10/16/2018	1/25/2019	10/11/2019	4/22/2020	10/22/2020	4/23/2021	4/23/2021	6/9/2021	6/9/2021	10/21/2021	4/20/2022	10/21/2022	4/18/2023	10/23/2023	4/16/2024	10/16/2024	1/30/2019	10/16/2019	4/27/2020	10/27/2020
				Type	N	N	N	N	N	N	N	N	N	N	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Tetrachloroethene	5		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 5	< 1.0	< 1	< 1.0
VOCs	Toluene	1000		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Trichloroethene	5		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 5	< 1.0	< 1	< 1.0
VOCs	Trichlorofluoromethane			ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Vinyl chloride	2		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 5	< 1.0	< 1	< 1.0
VOCs	Xylenes, Total	10000		ug/L	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1.0	< 1	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	2,4-Dichlorophenol			ug/L	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 0.80
SVOCs	2,4-Dimethylphenol			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	2,4-Dinitrophenol			ug/L	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0
SVOCs	2,4-Dinitrotoluene			ug/L	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 1.6
SVOCs	2,6-Dinitrotoluene			ug/L	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 1.6
SVOCs	2-Chloronaphthalene			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	2-Chlorophenol			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	2-Methylnaphthalene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	2-Methylphenol			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	2-Nitroaniline			ug/L	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 1.6
SVOCs	2-Nitrophenol			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 1.6
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 4.0
SVOCs	3-Nitroaniline			ug/L	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 1.6
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	4-Chloroaniline			ug/L	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 0.80
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	4-Methylphenol			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 1.6
SVOCs	4-Nitroaniline			ug/L	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 1.6
SVOCs	4-Nitrophenol			ug/L	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0
SVOCs	Acenaphthene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Acenaphthylene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Acetophenone			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	Anthracene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Atrazine	3		ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	Benz(a)anthracene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Benzaldehyde			ug/L	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 4.0
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Benzo(b)fluoranthene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Benzo(k)fluoranthene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 4	< 4.0	< 4	< 4.0
SVOCs	Butyl benzyl phthalate			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 4.0
SVOCs	Caprolactam			ug/L	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 4.0
SVOCs	Carbazole			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	Chrysene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Di-n-butyl phthalate			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 4.0
SVOCs	Di-n-octyl phthalate			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 4.0
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Dibenzofuran			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	Diethyl phthalate			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 4.0
SVOCs	Dimethyl phthalate			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 4.0
SVOCs	Fluoranthene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Fluorene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Hexachlorobenzene	1		ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	Hexachlorobutadiene			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0
SVOCs	Hexachloroethane			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Isophorone			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	Naphthalene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Nitrobenzene			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	Pentachlorophenol	1		ug/L	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.98
SVOCs	Phenanthrene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Phenol			ug/L	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80
SVOCs	Pyrene			ug/L	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-25	W-25	W-25	W-25	W-25	W-25	W-25	W-25	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26
				Date	4/22/2021	10/26/2021	4/21/2022	10/21/2022	4/21/2023	10/24/2023	4/18/2024	10/18/2024	1/12/2015	4/9/2015	7/10/2015	10/9/2015	10/9/2015	1/20/2016	4/18/2016	7/5/2016	10/6/2016	1/10/2017	4/3/2017	7/6/2017	10/13/2017	1/9/2018	4/10/2018	7/10/2018	10/16/2018
				Type	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	2.58 #	0.419 #	0.597	NA	NA	NA	NA	NA	0 ##	0.569 #	1.12 #	1.03 #	1.84 #	0 ##	0 ##	0.234 #	0 ##	2.70 #	1.07 #	1.92 #	9.17	4.13	4.12 #	1.19 #	1.81 #
Radiological	Beta particles	50	*	pCi/L	5.69	0.964 #	2.96 #	NA	NA	NA	NA	NA	11.6	0 ##	12.5	7.90	10.6	12.5	8.00	7.29	5.66	9.84	8.46	11.7	16.4	15.6	12.7	6.87	12.5
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	4.07 #	18.6 #	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	15.0 #	0 ##	0 ##	0 ##	64.4 #	0 ##	12.7 #	0 ##
Radiological	Technetium-99	900		pCi/L	0.358 #	0 ##	0 ##	0 ##	0 ##	1.59 #	0.0309 #	0 ##	0 ##	38.7 #	0 ##	83.8 #	33.8 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-233/234			pCi/L	0 ##	0 ##	0 ##	NA	0 ##	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	0 #	0 ##	0.0707 #	NA	0.120 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	0 ##	0.0224 #	0 ##	NA	0.0785 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700
Radiological	Uranium-238			ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0696 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0947 J
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0696	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0947 J
Chemical	Fluoride	4		mg/L	0.0990 J	0.091 J	< 0.10	< 0.10	< 0.10	< 0.10	0.10	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	< 0.020	0.10	0.063	0.17	0.22	0.043	0.11	0.063	2.9	2.9	2.7	2.7	2.8	3	2.8	2.7	3.3	3.3	3.1	3.4	3	2.9	3.6	3.6	3.5
Chemical	Ammonia as N			mg/L	0.217	0.249	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Bromoform			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Bromomethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2	< 2	< 2	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Chloroethane			ug/L	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2	< 2	< 2	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
VOCs	Chloroform			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Chloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 2	< 1	< 1	< 1	NA	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
VOCs	Cyclohexane			ug/L	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2	< 2	< 2	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	1.1	< 1	1	1.8	NA	< 1	1.6	2.8	2.5	3.5	1.7	1.7	4.1	2.8	1.8	1.6	1.1
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1	< 1	NA	< 1	< 1	< 5	< 5	< 5	< 5	< 5	< 1	< 1	< 1	< 1	< 1
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1	< 1	NA	< 1	< 1	< 5	< 5	< 5	< 5	< 5	< 1	< 1	< 1	< 1	< 1
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 5	< 1	< 1	< 1	NA	< 1	< 1	< 5	< 5	< 5	< 5	< 5	< 1	< 1	< 1	< 1	< 1
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	Styrene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1	< 1	NA	< 1	< 1	< 5	< 5	< 5	< 5	< 5	< 1	< 1	< 1	< 1	< 1

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-25	W-25	W-25	W-25	W-25	W-25	W-25	W-25	W-25	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26
				Date	4/22/2021	10/26/2021	4/21/2022	10/21/2022	4/21/2023	10/24/2023	4/18/2024	10/18/2024	1/12/2015	4/9/2015	7/10/2015	10/9/2015	10/9/2015	1/20/2016	4/18/2016	7/5/2016	10/6/2016	1/10/2017	4/3/2017	7/6/2017	10/13/2017	1/9/2018	4/10/2018	7/10/2018	10/16/2018
				Type	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 2	< 1	< 1	< 1	NA	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 2	< 1	< 1	< 1	NA	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	2,4,5-Trichlorophenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	2,4,6-Trichlorophenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	2,4-Dichlorophenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
SVOCs	2,4-Dimethylphenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	2,4-Dinitrophenol			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 26	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
SVOCs	2,4-Dinitrotoluene			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 11	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
SVOCs	2,6-Dinitrotoluene			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 11	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
SVOCs	2-Chloronaphthalene			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	2-Chlorophenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	2-Methylnaphthalene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	2-Methylphenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	2-Nitroaniline			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 11	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
SVOCs	2-Nitrophenol			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 11	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 26	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	3-Nitroaniline			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 11	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 26	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	4-Chloro-3-methylphenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	4-Chloroaniline			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	4-Methylphenol			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 11	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	4-Nitroaniline			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 11	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
SVOCs	4-Nitrophenol			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 26	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
SVOCs	Acenaphthene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Acenaphthylene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Acetophenone			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Anthracene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Atrazine	3		ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Benz(a)anthracene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Benzaldehyde			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 26	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4.0	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Butyl benzyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 11	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Caprolactam			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	90	< 26	< 8	< 8	33	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
SVOCs	Carbazole			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Chrysene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Di-n-butyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Di-n-octyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Dibenzofuran			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Diethyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Dimethyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Fluoranthene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Fluorene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Hexachlorobenzene	1		ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Hexachlorobutadiene			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 26	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
SVOCs	Hexachloroethane			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Isophorone			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	N-Nitrosodiphenylamine			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Naphthalene			ug/L	1.0	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Nitrobenzene			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Pentachlorophenol	1		ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 26	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
SVOCs	Pentachlorophenol (SIM)	1		ug/L	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Phenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
SVOCs	Pyrene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.2	< 5	< 5	< 5	NA	< 5	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27
					Date	1/24/2019	10/14/2019	4/16/2020	10/19/2020	4/16/2021	4/16/2021	10/19/2021	4/19/2022	10/18/2022	4/17/2023	10/18/2023	4/12/2024	10/10/2024	1/21/2015	4/16/2015	7/16/2015	10/14/2015	1/20/2016	4/21/2016	7/13/2016	10/18/2016	1/16/2017	4/7/2017	7/12/2017	10/3/2017
					Type	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		0.261 #	0.697 #	0.249 #	0 ##	0.543 #	0.684 #	0.933 #	2.11 #	0 ##	6.51	0.837 #	NA	NA	4.42 #	3.42 #	2.43 #	2.17 #	0 ##	5.53	1.55 #	1.41 #	7.73	5.58	5.07	10.1
Radiological	Beta particles	50	*	pCi/L		13.4	12.5	9.39	5.29	7.92	7.18	7.26	7.37	13.7	72.3	4.71	NA	NA	10.8	16.1	5.42	8.67	6.83	8.52	5.46	6.85	8.28	9.02	8.19	7.12
Radiological	Tritium			pCi/L		116 #	38.6 #	0 ##	0.933 #	0 ##	53.1 #	105 #	0 ##	0 ##	349 #	465 #	NA	NA	432 #	0 ##	20.2 #	0 ##	97.5 #	0 ##	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		19.0 #	0 ##	6.84	7.57	6.43	6.14	5.60	5.09	7.24	7.90	4.90	3.99	0 ##	63.0 #	16.9 #	26.1 #	66.9 #	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-233/234			pCi/L		0.123 #	0.0497 #	0.0815 #	NA	0.00774 #	0 ##	0.0743 #	0.0240 #	NA	0.0509 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L		0.0886 #	0.0344 #	0 ##	NA	0.0255 #	0 ##	0.0622 #	0 ##	NA	0.0447 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L		0.0636 #	0.0381 #	0.0450 #	NA	0.150 #	0 ##	0.137 #	0.0128 #	NA	0.0542	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%		0 #	0 #	0 #	NA	0 #	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L		< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235			ug/L		< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0691 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0691 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L		NA	1.42	1.53	1.31	1.58	1.53	1.44	2.4	1.8	1.8	2.1	2.1	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L		3.3	3.2	2.5	3	3.4	3.0	2.4	2.7	1.4	2.7	2.5	2.4	2.3	< 0.02	< 0.02	< 0.02	< 0.02	0.024	< 0.02	0.11	0.11	0.031	0.042	0.068	0.068
Chemical	Ammonia as N			mg/L		NA	1.75	1.54	1.67	1.55	0.824	2.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L		NA	326	277	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	3.64 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	197	163	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	16100	11400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	2.93 J	3.05 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	4.81 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	5570	3780	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	239	146	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	< 0.200	0.084 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	< 5.00	1.6 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	8010	6860	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	1.68 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	21300	14700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	1.26 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	< 20.0	5.12 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane			ug/L		< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane			ug/L		< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L		NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	< 0.019	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	< 0.019	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L		< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1	3.7	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L		NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L		NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L		NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L		NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L		< 1	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-26	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27
				Date	1/24/2019	10/14/2019	4/16/2020	10/19/2020	4/16/2021	4/16/2021	10/19/2021	4/19/2022	10/18/2022	4/17/2023	10/18/2023	4/12/2024	10/10/2024	1/21/2015	4/16/2015	7/16/2015	10/14/2015	1/20/2016	4/21/2016	7/13/2016	10/18/2016	1/16/2017	4/7/2017	7/12/2017	10/3/2017
				Type	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Toluene	1000		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichlorofluoromethane			ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Xylenes, Total	10000		ug/L	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 8	< 8.0	< 8	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	0.18	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 4	< 4.0	< 4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 8	< 8.0	< 8	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	< 4	< 4.0	< 4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 8	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	< 8	< 8.0	< 8	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	< 8	< 8.0	< 8	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	0.33	< 0.16	< 0.16	0.95	< 0.16	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	< 0.99	< 0.96	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	< 4	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-28	W-28	W-28	W-28
				Date	1/15/2018	4/22/2018	7/15/2018	8/30/2018	10/29/2018	10/29/2018	10/30/2018	11/28/2018	11/28/2018	1/29/2019	10/10/2019	4/27/2020	10/26/2020	4/21/2021	10/22/2021	4/21/2022	10/19/2022	4/20/2023	10/20/2023	4/17/2024	10/17/2024	1/19/2015	1/29/2015	4/13/2015	7/13/2015
				Type	N	N	N	N	FD	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																							
Radiological	Alpha particles	15	*	pCi/L	5.37	3.77 #	0 ##	NA	NA	0.185 #	2.94 #	4.78	3.93	1.31 #	0 ##	3.64 #	3.98	1.10 #	0 ##	0	NA	NA	NA	NA	NA	13.4	NA	3.15 #	3.93
Radiological	Beta particles	50	*	pCi/L	14.3	8.28	10.2	NA	NA	7.06	3.93 #	9.11	8.58	6.18	5.10	10.9	28.8	4.71	5.28	4.35	NA	NA	NA	NA	NA	43.4	NA	33.9	19.9
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330 #	0 ##	129 #
Radiological	Technetium-99	900		pCi/L	NA	NA	NA	NA	NA	NA	NA	14.1 #	20.1 #	17.3 #	2.42 #	3.23 #	1.89 #	3.08 #	3.49 #	3.05	1.86 #	2.03 #	2.39 #	3.04 #	2.31 #	0 ##	NA	82.5 #	0 ##
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	NA	0.0358 #	0.0644 #	0.168 #	0.0588 #	0.00249 #	NA	0 ##	0.0360 #	0 ##	NA	0.0137 #	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	NA	0.0117 #	0.0364 #	0.0442 #	0.198	0.0456 #	NA	0 ##	0.0765 #	0.0247 #	NA	0 #	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	NA	0.00136 #	0.0124 #	0.107 #	0.171 #	0 ##	NA	0 ##	0.0631 #	0 ##	NA	0.0712 #	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	0 #	15.2	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.166 J	0.136 J	0.0985 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.166 J	0.136 J	0.0985 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.97	4.02	3.56	3.19	2.52	3.2	2.9	3.0	3.1	3.3	2.2	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	0.028	0.086	< 0.02	NA	0.02	0.027	NA	0.037	0.041	0.029	< 0.020	0.076	0.072	< 0.020	< 0.020	0.12	0.066	< 0.020	0.026	0.096	0.065	1.4	NA	5.1	5.2
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.29	6.81	7.21	5.44	5.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	220	185	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10700	11600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.06 J	1.35 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29000	27400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13900	13100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5370	5630	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3850	3710	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.02 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22400	21800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.96 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	< 20	< 20	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform			ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	NA	NA	NA	< 2	< 5	< 5	NA	< 5	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	NA	NA	NA	< 2	< 5	< 5	NA	< 5	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform			ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	< 5	< 5	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	< 2	< 5	< 5	NA	< 5	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	< 5	< 5	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	< 5	< 5	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	< 5	< 5	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	< 5	< 5	NA	< 5	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	< 1	NA	NA	NA	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-27	W-28	W-28	W-28	W-28
				Date	1/15/2018	4/22/2018	7/15/2018	8/30/2018	10/29/2018	10/29/2018	10/30/2018	11/28/2018	11/28/2018	1/29/2019	10/10/2019	4/27/2020	10/26/2020	4/21/2021	10/22/2021	4/21/2022	10/19/2022	4/20/2023	10/20/2023	4/17/2024	10/17/2024	1/19/2015	1/29/2015	4/13/2015	7/13/2015
				Type	N	N	N	N	FD	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																							
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	NA	NA	NA	NA
VOCs	Toluene	1000		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	< 5	< 5	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	< 5	< 5	NA	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	NA	NA	NA	< 1	< 2	< 2	NA	< 2	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	< 1	< 5	< 5	NA	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	< 8	< 8	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	< 20	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	< 8	< 8	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	< 8	< 8	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	< 8	< 8	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	< 8	< 8	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	< 20	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	< 8	< 8	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	< 8	< 8	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	< 20	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	< 8	< 8	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	< 1.00	< 1.00	0.390 J	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	< 8	< 8	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	< 20	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	< 20	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	< 4	< 4	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28
				Date	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	1/17/2017	4/6/2017	7/10/2017	10/2/2017	1/8/2018	4/20/2018	7/13/2018	10/23/2018	1/18/2019	4/16/2019	7/11/2019	10/7/2019	2/4/2020	4/3/2020	7/13/2020	10/7/2020	10/7/2020	10/7/2020	10/13/2020	10/13/2020	1/26/2021
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	FD	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	4.19 #	0 ##	5.52	NA	NA	NA	NA	NA	NA	NA	NA	8.02	1.26 #	0 ##	4.36 #	2.25 #	3.14 #	4.57 #	1.78 #	1.96 #	0.673 #	1.73 #	NA	NA	1.85 #
Radiological	Beta particles	50	*	pCi/L	14.1	15.4	17.7	NA	NA	NA	NA	NA	NA	NA	NA	12.4	7.30	7.28	7.69	8.47	8.26	6.09	3.86	6.29	8.57	4.94	NA	NA	5.83
Radiological	Tritium			pCi/L	0 ##	128 #	0 ##	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	44.5 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 ##	6.77 #	7.91 #	20.1 #	0 ##	0 ##	0 ##	0 ##	0.201 #	NA	NA	0.0670 #
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.369	0.875	0.806	0.672	0.828	0.665	0.680	NA	NA	NA	NA	0.775
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0893 #	0.0810 #	0.00224 #	0 #	0.0297 #	0 ##	0 ##	NA	NA	NA	NA	0.0936 #
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.146 #	0.176 #	0.295	0.119 #	0.143 #	0.0287 #	0.0846 #	NA	NA	NA	NA	0.270
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	0 #	0 #	0 #	0 #	0 #	NA	NA	NA	NA	0 #
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	< 0.0500
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0106 J	< 0.0700	0.013 J	0.0117 J	< 0.070	0.0101 J	0.0136 J	0.017 J	0.0221 J	0.0233 J	NA	NA	0.0206 J
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.531	0.456	0.491	0.573	0.429	0.546	0.696	0.877	1.21	1.2	NA	NA	0.957
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.541	0.456	0.504	0.585	0.429	0.556	0.71	0.894	1.23	1.22	NA	NA	0.978
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.45	6.55	5.43	3.48	NA	NA	6.4	6.28	5.95
Chemical	Nitrate as N	10		mg/L	5.3	3.5	1.7	2.4	3.6	6.3	5.7	6.7	5.3	6.3	5.9	6.2	NA	7.2	7.4	7.4	6.3	8	7	6.6	6.3	5.1	NA	NA	NA
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.884	0.032 J	0.0355	0.11	NA	NA	0.0472 J	0.0534 J	0.233
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	981	270	205	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	8.44 J	12.1 J	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.1	37.8	45.7	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10500	21800	23800	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	1.61 J	1.78 J	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.88	1.33 J	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.83 J	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	56.3 J	46.2 J	< 100	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	4.63 J	5.52 J	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	995	1580	1660	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23	4.18 J	< 10.0	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	NA	< 0.200	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.72 J	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8120	7400	7790	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	9.47 J	9.93 J	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	137000	76900	73800	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.32 J	1.71 J	1.93 J	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.3 J	< 20.0	9.02 J	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA
VOCs	Benzene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromoform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromomethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2	< 2	< 2.0	< 2.0	NA	NA	NA
VOCs	2-Butanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA
VOCs	Carbon disulfide			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Chloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2	< 2	< 2.0	< 2.0	NA	NA	NA
VOCs	Chloroform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Chloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2	< 2	< 2.0	< 2.0	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	2-Hexanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	NA	< 5	< 5	< 5.0	< 5.0	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	NA	< 1	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28
				Date	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	1/17/2017	4/6/2017	7/10/2017	10/2/2017	1/8/2018	4/20/2018	7/13/2018	10/23/2018	1/18/2019	4/16/2019	7/11/2019	10/7/2019	2/4/2020	4/3/2020	7/13/2020	10/7/2020	10/7/2020	10/13/2020	10/13/2020	1/26/2021
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	FD	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1	< 1	< 1.0	< 1.0	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 1.6	< 1.6	< 1.6	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 1.6	< 1.6	< 1.6	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 8	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.98	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4	< 0.8	< 0.80	< 0.80	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29
				Date	4/7/2021	10/6/2021	4/5/2022	10/6/2022	1/5/2023	4/6/2023	10/10/2023	4/4/2024	10/2/2024	1/19/2015	4/13/2015	7/13/2015	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	1/16/2017	4/6/2017	7/10/2017	10/12/2017	1/8/2018	4/16/2018	7/13/2018	10/23/2018
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	1.58 #	7.01	2.81 #	NA	NA	NA	NA	NA	NA	4.92	5.36	6.09	4.89 #	1.56 #	4.41	4.63 #	3.79	11.2	3.89	9.80	7.19	7.23	3.21 #	3.71 #	1.78 #
Radiological	Beta particles	50	*	pCi/L	4.44 #	7.16	6.45	NA	NA	NA	NA	NA	NA	11.0	10.2	8.79	11.5	6.22	8.41	8.46	9.79	4.94	0.947 #	9.68	5.77	9.82	3.01 #	4.62	3.98
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	5.72 #	NA	NA	0 ##	68.9 #	0 ##	0 ##	93.4 #	0 ##	153 #	0 ##	0 ##	0 ##	0 ##	0 ##	138 #	0 ##	175 #	0 ##
Radiological	Technetium-99	900		pCi/L	1.87 #	2.14 #	1.44 #	0 ##	NA	0 ##	1.82 #	0 ##	0.663 #	0 ##	0 ##	0 ##	55.2 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-233/234			pCi/L	1.02	1.89	0.507	NA	NA	1.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	0.0388 #	0.0987 #	0 ##	NA	NA	0.208	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	0.326	0.472	0.0644 #	NA	NA	0.794	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	0 #	0 #	0 #	NA	NA	3.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500
Radiological	Uranium-235			ug/L	0.0168 J	0.0411 J	0.0141 J	0.0302 J	NA	0.0434 J	0.0462 J	0.0767	0.0806	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0385 J
Radiological	Uranium-238			ug/L	0.879	2.04	0.683	1.61	NA	2.14	2.15	3.83	7.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.24
Radiological	Total Uranium Isotopes	30		ug/L	0.895	2.08	0.697	1.64	NA	2.19	2.20	3.91	7.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.28
Chemical	Fluoride	4		mg/L	6.30	8.11	6.3	NA	5.4	4.3	4.9	4.4	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	6.0	5.9	7.9	12	NA	9.1	0.27	11	10	66	64	58	51	53	40	37	39	36	32	29	32	20	15	13	7.3
Chemical	Ammonia as N			mg/L	0.100	0.277	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	< 20	NA	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20
VOCs	Benzene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Bromoform			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Bromomethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10
VOCs	Carbon disulfide			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Chloroethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2
VOCs	Chloroform			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Chloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Cyclohexane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	0.026	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Styrene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-28	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29
				Date	4/7/2021	10/6/2021	4/5/2022	10/6/2022	1/5/2023	4/6/2023	10/10/2023	4/4/2024	10/2/2024	1/19/2015	4/13/2015	7/13/2015	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	1/16/2017	4/6/2017	7/10/2017	10/12/2017	1/8/2018	4/16/2018	7/13/2018	10/23/2018
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	1.5
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	1.1	< 1.0	NA	< 1.0	< 1.0	0.41 J	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	2,4,5-Trichlorophenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	2,4,6-Trichlorophenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	2,4-Dichlorophenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8
SVOCs	2,4-Dimethylphenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	2,4-Dinitrophenol			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20
SVOCs	2,4-Dinitrotoluene			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8
SVOCs	2,6-Dinitrotoluene			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8
SVOCs	2-Chloronaphthalene			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	2-Chlorophenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	2-Methylnaphthalene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	2-Methylphenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	2-Nitroaniline			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8
SVOCs	2-Nitrophenol			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	3-Nitroaniline			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	4-Chloro-3-methylphenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	4-Chloroaniline			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	4-Methylphenol			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	4-Nitroaniline			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8
SVOCs	4-Nitrophenol			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20
SVOCs	Acenaphthene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Acenaphthylene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Acetophenone			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Anthracene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Atrazine	3		ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Benz(a)anthracene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Benzaldehyde			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Butyl benzyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Caprolactam			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8
SVOCs	Carbazole			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Chrysene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Di-n-butyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Di-n-octyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Dibenzofuran			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Diethyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Dimethyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Fluoranthene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Fluorene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Hexachlorobenzene	1		ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Hexachlorobutadiene			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20
SVOCs	Hexachloroethane			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Isophorone			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	N-Nitrosodiphenylamine			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Naphthalene			ug/L	< 0.16	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Nitrobenzene			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Pentachlorophenol	1		ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20
SVOCs	Pentachlorophenol (SIM)	1		ug/L	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Phenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4
SVOCs	Pyrene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30
					Date	1/10/2019	10/7/2019	4/3/2020	10/7/2020	10/13/2020	4/8/2021	10/8/2021	4/6/2022	10/10/2022	1/5/2023	4/6/2023	10/6/2023	4/4/2024	10/3/2024	1/19/2015	4/13/2015	7/13/2015	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	10/21/2016	10/21/2016	10/24/2016
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	5.04	2.25 #	0.844 #	0.556 #	NA	1.81 #	3.21 #	2.44 #	1.38 #	NA	1.21 #	1.71 #	NA	NA	22.4	23.7	12.2	12.9	27.8	39.7	33.5	NA	44.6	41.9	NA
Radiological	Beta particles	50	*	pCi/L	3.42 #	7.67	8.48	10.6	NA	7.40	6.80	7.79	13.0	NA	NA	11.3	NA	NA	33.9	35.6	21.7	21.4	41.3	41.8	40.1	NA	36.2	40.5	NA
Radiological	Tritium			pCi/L	153 #	116 #	0 ##	0 ##	NA	0 ##	27.8 #	0 ##	48.3 #	NA	298 #	78.7 #	NA	NA	21.6 #	0 ##	0 ##	0 ##	129 #	0 ##	31.9 #	NA	0 ##	0 ##	NA
Radiological	Technetium-99	900		pCi/L	0 ##	11.6 #	8.62	8.97	NA	5.21	8.95	11.6	10.2	NA	44.8	17.0	8.49	14.1	54.4 #	4.93 #	0 ##	14.8 #	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-233/234			pCi/L	1.38	1.20	0.0704 #	NA	NA	0.672	0.314 #	0.351 #	NA	NA	0.335	NA	NA	NA	NA	NA	NA	NA	17.3	19.8	20.4	NA	22.9	23.3	NA
Radiological	Uranium-235/236			pCi/L	0.0673 #	0 #	0.0220 #	NA	NA	0.00665 #	0.0950 #	0 ##	NA	NA	0.0671 #	NA	NA	NA	NA	NA	NA	NA	0.787	1.46	1.40	NA	1.82	1.16	NA
Radiological	Uranium-238			pCi/L	0.746	0.972	0.129 #	NA	NA	0.384	0.329	0.159 #	NA	NA	0.197	NA	NA	NA	NA	NA	NA	NA	5.61	6.80	8.12	NA	7.12	7.05	NA
Radiological	Percent Uranium-235			%	0 #	0 #	0 #	NA	NA	0 #	0 #	0 #	NA	NA	0 #	NA	NA	NA	NA	NA	NA	NA	2.13	3.22	2.60	NA	3.83	2.48	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.050	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235			ug/L	0.0333 J	0.026 J	0.0167 J	0.021 J	NA	0.0120 J	0.0145 J	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			ug/L	2.17	2.03	1.36	1.54	NA	0.938	1.04	0.639	0.396	NA	0.389	0.490	0.612	0.504	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L	2.21	2.05	1.38	1.56	NA	0.950	1.05	0.639	0.396	NA	0.389	0.490	0.612	0.504	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L	NA	4.8	3.77	NA	3.81	3.10	4.57	3.5	NA	2.7	2.0	2.5	3.0	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	6.4	11	17	13	NA	9.9	10	26	35	NA	25	35	19	18	78	42	69	130	71	44	44	30	NA	NA	36
Chemical	Ammonia as N			mg/L	NA	22.4	13.2	NA	13.9	9.04	11.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	< 20.0	14.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	158	164	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	18800	23000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	< 20.0	7.39 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	5250	6580	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	32.7	66.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	4500	3910	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	32900	27900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	8.16	4.37 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	4.5 J	10.8 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20	< 20	NA	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform			ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	< 2	< 2.0	< 2	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	< 2	< 2.0	< 2	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform			ug/L	< 1	1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	< 0.020	NA	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	< 0.020	NA	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	< 2	< 2.0	< 2	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	< 5.0	< 5	< 5.0	NA	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-29	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30
				Date	1/10/2019	10/7/2019	4/3/2020	10/7/2020	10/13/2020	4/8/2021	10/8/2021	4/6/2022	10/10/2022	1/5/2023	4/6/2023	10/6/2023	4/4/2024	10/3/2024	1/19/2015	4/13/2015	7/13/2015	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	10/21/2016	10/21/2016	10/24/2016
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	1.6	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	0.62 J	< 0.600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Toluene	1000		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	0.51 J	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichlorofluoromethane			ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Xylenes, Total	10000		ug/L	< 1	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 8	< 8.0	< 8	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 20	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 8	< 8.0	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 8	< 8.0	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 8	< 8.0	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 4	< 4.0	< 4	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 8	< 8.0	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 20	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 8	< 8.0	< 8	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	< 4	< 4.0	< 4	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 8	< 8.0	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 20	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	< 8	< 8.0	< 8	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	< 8	< 8.0	< 8	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 20	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 20	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	< 0.99	NA	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	< 4	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	< 0.8	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-32	W-32	W-32
				Date	10/24/2016	1/16/2017	4/6/2017	7/10/2017	10/12/2017	1/8/2018	4/16/2018	7/13/2018	10/23/2018	1/15/2019	10/7/2019	4/13/2020	10/12/2020	4/8/2021	10/8/2021	4/7/2022	10/10/2022	1/5/2023	4/11/2023	10/10/2023	4/5/2024	10/3/2024	1/19/2015	1/29/2015	4/13/2015
				Type	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																							
Radiological	Alpha particles	15	*	pCi/L	NA	58.2	35.6	59.6	46.1	54.4	60.0	35.0	23.7	38.6	7.57	14.2	14.0	12.4	6.37	12.6	13.7	NA	9.55	7.08	NA	NA	6.63	NA	3.52
Radiological	Beta particles	50	*	pCi/L	NA	28.3	32.3	38.5	38.7	52.6	44.8	35.5	26.5	30.8	20.8	33.9	27.2	29.8	19.9	22.3	57.0	NA	73.2	26.6	NA	NA	240	NA	200
Radiological	Tritium			pCi/L	NA	55.8 #	0 ##	0 ##	7.83 #	365 #	0 ##	89.8 #	38.6 #	0 ##	443 #	0 ##	0 ##	0 ##	126 #	0 ##	0 ##	NA	163 #	79.1 #	NA	NA	NA	0 ##	0 ##
Radiological	Technetium-99	900		pCi/L	NA	NA	NA	NA	NA	45.4	NA	NA	NA	32.6 #	49.7	48.4	29.0	43.7	48.9	27.0	34.0	NA	30.5	43.2	31.3	48.7	351	NA	277
Radiological	Uranium-233/234			pCi/L	NA	20.2	18.3	31.7	27.4	28.8	34.4	22.2	15.0	29.3	11.5	8.43	NA	11.0	10.3	11.0	8.69	NA	0.147 #	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	1.03	1.17	2.48	1.76	3.09	2.49	1.36	0.509	2.83	0.914	0.236	NA	0.525	0.446	0.575	0.658	NA	0.222 #	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	6.09	5.04	7.62	6.85	10.9	10.2	7.02	4.40	10.1	3.31	2.55	NA	2.80	2.54	2.55	2.61	NA	0 ##	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	2.55	3.48	4.81	3.84	4.22	3.66	2.92	1.76	4.18	4.12	1.42	NA	2.83	2.65	3.39	3.76	NA	0 #	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	0.298	0.533	0.199	0.173	0.206	0.182	0.209	0.186	0.160	NA	0.147	0.146	0.121	0.130	NA	NA	NA
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	12.4	22.4	8.71	6.91	8.49	7.70	8.82	7.88	6.49	NA	6.22	5.76	5.04	5.40	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	12.7	22.9	8.91	7.08	8.7	7.89	9.03	8.06	6.65	NA	6.37	5.91	5.16	5.53	NA	NA	NA
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.06	7.98	10.5	11.0	14.3	10	NA	8.5	8.2	8.9	8.3	7.7	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	35	34	81	85	72	49	68	70	47	45	120	120	69	83	57	43	110	NA	150	120	210	320	150	NA	160
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.83	0.932	1.56	1.37	1.38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	356	677	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	234	189	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.03 J	1.22 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90700	85800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.24 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	4.24 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4230	4260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.2	127	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.7	23.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7800	5780	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.76 J	17.9 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	147000	146000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.25 J	1.67 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12 J	21.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	< 20	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Bromoform			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA
VOCs	Chloroform			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.48 J	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-30	W-32	W-32	W-32
				Date	10/24/2016	1/16/2017	4/6/2017	7/10/2017	10/12/2017	1/8/2018	4/16/2018	7/13/2018	10/23/2018	1/15/2019	10/7/2019	4/13/2020	10/12/2020	4/8/2021	10/8/2021	4/7/2022	10/10/2022	1/5/2023	4/11/2023	10/10/2023	4/5/2024	10/3/2024	1/19/2015	1/29/2015	4/13/2015
				Type	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	1.2	1.0	1.8	< 1.0	< 1.0	NA	< 1.0	< 1.0	0.59 J	0.343 J	NA	NA	NA
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	3.1	1.6	1.5	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32
				Date	7/13/2015	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	1/17/2017	4/7/2017	7/10/2017	10/12/2017	1/8/2018	4/16/2018	7/13/2018	10/19/2018	1/11/2019	6/5/2019	10/8/2019	4/10/2020	10/5/2020	4/5/2021	10/5/2021	4/4/2022	10/4/2022	1/3/2023	4/5/2023
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	8.08	8.56	6.22	3.60	1.90 #	1.83 #	11.4	6.76	8.45	8.21	3.04 #	6.27	22.4	5.00	8.41	8.88	7.17	3.47	1.11 #	0 ##	5.72	0.898 #	7.38	NA	33.6
Radiological	Beta particles	50	*	pCi/L	196	114	167	223	189	180	191	179	201	207	187	226	199	127	176	206	175	106	127	124	77.2	187	156	NA	264
Radiological	Tritium			pCi/L	0 ##	0 ##	141 #	0 ##	164 #	0 ##	55.8 #	169 #	0 ##	0 ##	170 #	0 ##	276 #	0 ##	0 ##	81.8 #	0 ##	0 ##	0 ##	196 #	0 ##	84.3 #	37.5 #	NA	294 #
Radiological	Technetium-99	900		pCi/L	390	251	291	327	235 #	410	301	NA	402	300	293	377	388	259	307	273	321	270	215	245	231	294	304	NA	305
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.618	NA	0.360	0.267 #	0.322	0 ##	NA	0.0839 #	0.240 #	0.141 #	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0959 #	NA	0.0769 #	0 #	0 ##	0 ##	NA	0 ##	0.0384 #	0 #	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.441	NA	0.198 #	0.0119 #	0.191	0 ##	NA	0.107 #	0.0186 #	0.159 #	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	NA	0 #	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	NA	NA
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.223	0.296	0.31	0.224	0.154 J	0.179 J	0.158 J	0.153 J	0.189 J	0.164 J	NA	0.163 J
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.223	0.296	0.31	0.224	0.154 J	0.179 J	0.158 J	0.153 J	0.189 J	0.164 J	NA	0.163 J
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.66	3.5	3.5	4.00	5.01	4.2	NA	3.9	3.0
Chemical	Nitrate as N	10		mg/L	190	78	190	200	150	120	150	130	170	180	170	200	210	240	210	210	170	140	130	130	94	90	150	NA	140
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47.9	34.2	12.5	40.4	38.9	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	89 J	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	5.1 J	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	484	365	296	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40600	33900	27400	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	1.07 J	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12000	9580	7850	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	363	279	240	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.04 J	2.71 J	4.25 J	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9130	8360	7500	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.3 J	< 30.0	10.2 J	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	221000	175000	154000	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.99 J	2.99 J	3.15 J	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.24 J	9.01 J	17.4 J	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	< 20
VOCs	Benzene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Bromoform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Bromomethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0
VOCs	2-Butanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10
VOCs	Carbon disulfide			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Chloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0
VOCs	Chloroform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Chloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	2-Hexanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32	W-32
				Date	7/13/2015	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	1/17/2017	4/7/2017	7/10/2017	10/12/2017	1/8/2018	4/16/2018	7/13/2018	10/19/2018	1/11/2019	6/5/2019	10/8/2019	4/10/2020	10/5/2020	4/5/2021	10/5/2021	4/4/2022	10/4/2022	1/3/2023	4/5/2023
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Tetrachloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3	NA	NA	NA	1.5	1.3	1.6	1.4	< 1	1.1	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.88 J
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Trichloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Vinyl chloride	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.99	< 0.97	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-32	W-32	W-32	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33
				Date	10/5/2023	4/3/2024	10/1/2024	1/20/2015	4/14/2015	4/16/2015	7/10/2015	10/9/2015	1/18/2016	4/18/2016	7/5/2016	10/13/2016	1/11/2017	4/3/2017	7/11/2017	10/12/2017	10/12/2017	1/12/2018	4/17/2018	7/10/2018	10/16/2018	1/22/2019	10/17/2019	10/17/2019	4/16/2020
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	FD	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	10.6	NA	NA	1.86 #	0 ##	NA	1.99 #	1.15 #	1.01 #	2.51 #	2.00 #	10.2	28.8	10.6	15.0	9.80	10.9	9.88	6.11	6.90	0 ##	0.847 #	2.89 #	2.51 #	2.26 #
Radiological	Beta particles	50	*	pCi/L	148	NA	NA	2.83 #	2.00 #	NA	5.26	11.2	16.1	8.36	5.01	20.8	22.1	36.3	15.3	11.4	12.2	13.5	11.1	13.6	5.22	2.55 #	7.78	5.81	5.00
Radiological	Tritium			pCi/L	182 #	NA	NA	109 #	0 ##	NA	38.6 #	0 ##	270 #	0 ##	362 #	0 ##	189 #	0 ##	143 #	0 ##	11.6 #	198 #	23.1 #	77.0 #	211 #	0 ##	0 ##	137 #	65.3 #
Radiological	Technetium-99	900		pCi/L	243	254	302	95.3 #	53.6 #	NA	0 ##	102 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.72 #	0 ##	0 ##	2.90 #
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.524	NA	0.891	NA	NA	NA	NA	NA	NA	0.190 #	0.102 #	0.0758 #	0 ##
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.175 #	NA	0.205 #	NA	NA	NA	NA	NA	NA	0 ##	0.0445 #	0.0446 #	0.0619 #
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.965	NA	0.749	NA	NA	NA	NA	NA	NA	0.106 #	0.0274 #	0.0361 #	0.206 #
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	NA	0 #	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	0 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.050	< 0.050	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.070	< 0.070	< 0.0700
Radiological	Uranium-238			ug/L	0.105 J	0.147 J	0.145 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.105 J	0.147 J	0.145 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L	3.7	3.9	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.152	0.136	0.146
Chemical	Nitrate as N	10		mg/L	130	110	120	7.9	NA	6.9	7.5	6.7	7.3	9	12	16	9.9	10	12	11	12	10	9.7	11	10	10	13	13	8.2
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0134	0.0189	0.0194
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	< 200
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.02 J	< 20.0	< 20.0
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	181	201	164
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12700	14100	9280
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	1.45 J
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	< 100
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5160	5620	3800
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.55 J	5.08 J	2.94 J
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	0.072 J
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.74 J	5.71	4.02 J
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2780	2970	2370
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14400	15300	14500
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	1.11 J
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.1	28.3	6.42 J
VOCs	Acetone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	< 20	< 20	< 20	< 20	< 100
VOCs	Benzene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Bromoform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Bromomethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	NA	NA	NA	< 2	< 2	< 2.0	< 2.0	< 10
VOCs	2-Butanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50	< 50	NA	NA	NA	< 10	< 10	< 10	< 10	< 50
VOCs	Carbon disulfide			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Chloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	NA	NA	NA	< 2	< 2	< 2.0	< 2.0	< 10
VOCs	Chloroform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Chloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 5
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	NA	NA	NA	< 2	< 2	< 2.0	< 2.0	< 10
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	2	< 1	1.0	< 1.0	< 5
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	2-Hexanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50	< 50	NA	NA	NA	< 10	< 10	< 10	< 10	< 50
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 5
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 5
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 5
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50	< 50	NA	NA	NA	< 10	< 10	< 10	< 10	< 50
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 25
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-32	W-32	W-32	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33
				Date	10/5/2023	4/3/2024	10/1/2024	1/20/2015	4/14/2015	4/16/2015	7/10/2015	10/9/2015	1/18/2016	4/18/2016	7/5/2016	10/13/2016	1/11/2017	4/3/2017	7/11/2017	10/12/2017	10/12/2017	1/12/2018	4/17/2018	7/10/2018	10/16/2018	1/22/2019	10/17/2019	10/17/2019	4/16/2020
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	FD	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Tetrachloroethene	5		ug/L	1.1	0.94 J	0.837 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	560	520	NA	NA	NA	190	140	300	330	270
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 5
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 5
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77	72	NA	NA	NA	17	18	38	24	33
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8.0	< 8
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8.0	< 8
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8.0	< 8
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8.0	< 8
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8.0	< 8
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8.0	< 8
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8.0	< 8
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8.0	< 8
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	< 8	< 8	< 8.0	< 8.0	< 8
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Naphthalene			ug/L	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	< 4	< 4	< 4.0	< 4.0	< 4
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8
SVOCs	Tributylphosphate			ug/L	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-35	W-35	W-35	W-35	W-35	W-35	W-35	W-35	W-35	W-35	W-35	W-35	W-36
				Date	10/15/2020	4/16/2021	10/14/2021	4/13/2022	10/13/2022	1/6/2023	4/14/2023	10/17/2023	4/11/2024	10/8/2024	11/1/2018	1/22/2019	10/2/2019	4/21/2020	10/13/2020	4/13/2021	10/14/2021	4/11/2022	10/11/2022	4/12/2023	10/17/2023	4/8/2024	10/7/2024	10/7/2024	8/30/2018
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	1.30 #	0.128 #	5.46	1.10 #	3.00	NA	0 ##	0.221 #	NA	NA	0.190 #	0.901 #	0.793 #	0.263 #	3.16	1.04 #	0.639 #	1.08 #	NA	NA	NA	NA	NA	6.82
Radiological	Beta particles	50	*	pCi/L	5.36	4.32	84.0	4.45	5.21	NA	1.52 #	3.85 #	NA	NA	3.28 #	1.33 #	3.54 #	2.32 #	1.33 #	0.973 #	3.23 #	0.744 #	NA	NA	NA	NA	NA	1.90 #
Radiological	Tritium			pCi/L	77.2 #	0 ##	75.1 #	0 ##	94.9 #	NA	285 #	140 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	253 #
Radiological	Technetium-99	900		pCi/L	2.85 #	0.779 #	3.64 #	1.71 #	0.711 #	NA	3.22 #	2.00 #	2.89 #	0.156 #	0 ##	0 ##	21.7 #	0 ##	0.825 #	0 ##	0.125 #	0 ##	0 ##	0.971 #	1.43 #	1.38 #	0.176 #	0 ##	NA
Radiological	Uranium-233/234			pCi/L	NA	0 ##	0.0523 #	0.0524 #	NA	NA	0.186 #	NA	NA	NA	0.299 #	0.175 #	0.304	0.123 #	NA	0 ##	0.0107 #	0.0195 #	NA	0.0709 #	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	0 ##	0 ##	0.0245 #	NA	NA	0.0533 #	NA	NA	NA	0.0951 #	0.0897 #	0.0450 #	0.0570 #	NA	0 ##	0.0607 #	0 ##	NA	0.00182 #	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	0.0101 #	0.0512 #	0.0260 #	NA	NA	0.141 #	NA	NA	NA	0.115 #	0.489	0.109	0.00288 #	NA	0.00375 #	0 ##	0.0130 #	NA	0.166 #	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	0 #	0 #	0 #	NA	NA	0 #	NA	NA	NA	0 #	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA
Radiological	Uranium-238			ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	< 0.200	0.136 J	< 0.200	0.0695 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.111 J	< 0.200	< 0.200	NA
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	0	< 0.200	NA	< 0.200	0.136 J	< 0.200	0.0695 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.111 J	< 0.200	< 0.200	NA
Chemical	Fluoride	4		mg/L	0.119	0.138	0.084 J	0.13	0.15	NA	0.17	0.24	0.16	0.20	NA	NA	0.025	0.022	0.021 J	0.020 J	0.026 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA
Chemical	Nitrate as N	10		mg/L	13	8.4	18	11	9.5	NA	6.6	4.4	7.2	6.5	5.5	4.2	3.2	3.3	3	3.1	4.2	3.0	4.4	2.1	3.0	2.5	2.5	0.17
Chemical	Ammonia as N			mg/L	0.0151 J	0.101	0.0153 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0075	0.0186	0.0228 J	0.0359 J	0.0248 J	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	62.5	48.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16000	12800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.39 J	6.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4310	3040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.29 J	11.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	0.072 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	977	661	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3320	2560	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13 J	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8180	6920	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.2 J	5.69 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	< 100	NA	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20
VOCs	Benzene	5		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	0.90 J	0.65 J	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	Bromoform			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	Bromomethane			ug/L	< 2.0	< 2.0	< 2.0	< 10	NA	< 2.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	< 50	NA	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10
VOCs	Carbon disulfide			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	Chloroethane			ug/L	< 2.0	< 2.0	< 2.0	< 10	NA	< 2.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2
VOCs	Chloroform			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	2.8	1.9	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	Chloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	Cyclohexane			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2.0	< 2.0	< 10	NA	< 2.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	cis-1,2-Dichloroethene	70		ug/L	1.7	1.7	5.0	< 5.0	NA	0.97 J	1.3	1.0	1.6	0.806 J	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 0.500	< 1
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	< 50	NA	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	< 50	NA	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5.0	< 5.0	< 25	NA	< 5.0	< 5.0	NA	NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1
VOCs	Styrene	100		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-33	W-35	W-35	W-35	W-35	W-35	W-35	W-35	W-35	W-35	W-35	W-35	W-35	W-35	W-36
				Date	10/15/2020	4/16/2021	10/14/2021	4/13/2022	10/13/2022	1/6/2023	4/14/2023	10/17/2023	4/11/2024	10/8/2024	11/1/2018	1/22/2019	10/2/2019	4/21/2020	10/13/2020	4/13/2021	10/14/2021	4/11/2022	10/11/2022	4/12/2023	10/17/2023	4/8/2024	10/7/2024	10/7/2024	8/30/2018
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1
VOCs	Tetrachloroethene	5		ug/L	250	270	340	330	NA	140	150	94	220	90.0	< 5	2.1	2.6	2.5	2.4	2.0	1.9	1.7	2.3	1.8	1.6	1.4	1.12 J	1.20 J	< 1
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1
VOCs	Trichloroethene	5		ug/L	40	29	36	31	NA	12	23	7.0	25	6.12	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 0.500	< 1
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 0.500	< 1
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	NA
SVOCs	Nitrobenzene			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	< 0.96	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	< 10.0	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-36	W-36	W-36	W-36	W-36	W-36	W-36	W-36	W-36	W-36	W-36	W-36	W-37	W-37	W-37	W-37	W-37	W-37	W-37	W-37	W-37	W-37	W-37	W-37
					Date	11/1/2018	1/18/2019	10/2/2019	4/20/2020	10/16/2020	4/13/2021	10/13/2021	4/11/2022	10/11/2022	4/13/2023	10/26/2023	4/8/2024	10/7/2024	8/5/2018	10/18/2018	1/14/2019	10/2/2019	4/8/2020	4/8/2020	10/9/2020	4/9/2021	10/11/2021	4/8/2022	10/10/2022	4/11/2023
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		0 ##	1.97 #	0.270 #	0.779 #	1.06 #	0.726 #	4.51	1.55 #	NA	NA	NA	NA	NA	4.75	0.00882 #	0.230 #	1.75 #	0.361 #	1.84 #	0 ##	1.12 #	0.502 #	0.977 #	NA	NA
Radiological	Beta particles	50	*	pCi/L		0.503 #	3.03 #	0 ##	4.21	1.44 #	0 ##	8.06	0.492 #	NA	NA	NA	NA	NA	5.08	1.89 #	0.997 #	0 ##	0.819 #	0 ##	1.25 #	1.68 #	1.58 #	4.76 #	NA	NA
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	203 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		0 ##	0 ##	15.0 #	0 ##	0.664 #	0 ##	0 ##	0.357 #	0 ##	0.0795 #	0.388 #	0.0484 #	0 ##	NA	NA	0 ##	0 ##	1.37 #	0 ##	0 ##	2.34 #	0.0860 #	0 ##	0 ##	0.530 #
Radiological	Uranium-233/234			pCi/L		0.00300 #	0.433	0.148 #	0 ##	NA	0 ##	0 ##	0 ##	NA	0.166 #	NA	NA	NA	NA	NA	0.0532 #	0.103 #	0 ##	0 ##	NA	0 ##	0 ##	0.372	NA	0.0874 #
Radiological	Uranium-235/236			pCi/L		0.0424 #	0.240	0 ##	0 #	NA	0 ##	0.132 #	0 ##	NA	0.0233 #	NA	NA	NA	NA	NA	0.0713 #	0 ##	0 ##	0 ##	NA	0 ##	0.0737 #	0.0121 #	NA	0.0970 #
Radiological	Uranium-238			pCi/L		0.0144 #	0.204 #	0 ##	0 ##	NA	0.000977 #	0 ##	0.0989 #	NA	0 ##	NA	NA	NA	NA	NA	0.238	0.0277 #	0 ##	0.0470 #	NA	0 ##	0 ##	0.0547 #	NA	0 ##
Radiological	Percent Uranium-235			%		0 #	15.5	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA	0 #	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #
Radiological	Uranium-234			ug/L		< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	< 0.200	< 0.200	0.0936 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.118 J	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	< 0.200	< 0.200	0.0936 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.118 J	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L		NA	NA	0.007	0.014	< 0.1	0.0180 J	0.014 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	NA	0.02	0.029	0.026	0.138	0.0170 J	0.038 J	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L		0.27	0.055	0.11	0.056	0.17	0.053	0.35	0.54	0.88	0.44	0.51	0.27	0.065	2.6	2.8	3.6	3.5	2	2.1	3.8	1.7	3.3	1.9	1.8	1.4
Chemical	Ammonia as N			mg/L		NA	NA	0.0089	0.025	0.026 J	0.0216 J	0.0245 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0088	0.01	0.0173	0.0797 J	0.0249 J	0.0162 J	NA	NA	NA
Metals	Aluminum			ug/L		NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	< 200	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.87 J	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	< 30.0	6.11 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	34.9	33.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.6	39.7	39.4	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	1430	1530	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9960	7930	8050	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.22 J	2.57 J	2.4 J	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	< 5.00	1.22 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	460	116	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	437	384	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5860	4130	4220	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	54.9	56.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	< 0.200	0.073 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	2.09 J	2.19 J	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	1190	1030	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2230	1840	1940	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.99 J	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	1.15 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	5450	4970	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13300	8480	8490	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	1.72 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	9.36 J	6.51 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.9 J	6.8 J	6.97 J	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromoform			ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromomethane			ug/L		< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	2-Butanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloroethane			ug/L		< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	Chloroform			ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloromethane			ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L		< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L		< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L		< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L		< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L		< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L		< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	< 5.0	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L		NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-36	W-36	W-36	W-36	W-36	W-36	W-36	W-36	W-36	W-36	W-36	W-36	W-36	W-37	W-37	W-37	W-37	W-37	W-37	W-37	W-37	W-37	W-37	W-37	W-37
				Date	11/1/2018	1/18/2019	10/2/2019	4/20/2020	10/16/2020	4/13/2021	10/13/2021	4/11/2022	10/11/2022	4/13/2023	10/26/2023	4/8/2024	10/7/2024	8/5/2018	10/18/2018	1/14/2019	10/2/2019	4/8/2020	4/8/2020	10/9/2020	4/9/2021	10/11/2021	4/8/2022	10/10/2022	4/11/2023
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L	< 5	< 1	< 1.0	< 1	1.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.95	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-37	W-37	W-37	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38
				Date	10/13/2023	4/5/2024	10/7/2024	1/19/2015	4/13/2015	7/13/2015	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	1/17/2017	4/7/2017	7/10/2017	10/3/2017	1/9/2018	4/20/2018	7/13/2018	8/5/2018	8/31/2018	10/18/2018	10/23/2018	1/9/2019	10/4/2019	4/3/2020
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	0.504 #	1.62 #	1.37 #	1.87 #	0.459 #	2.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.03 #	NA	0.0942 #	NA	0.366 #	2.54 #	0.335 #
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	4.52 #	6.86	2.37 #	3.32 #	6.05	3.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.81	NA	1.46 #	NA	0.689 #	2.43 #	0.977 #
Radiological	Tritium			pCi/L	NA	NA	NA	157 #	66.9 #	140 #	0 ##	54.9 #	159 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	219 #	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	1.17 #	0 ##	1.01 #	89.8 #	34.4 #	0 ##	0 ##	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 ##	0 ##	0 ##
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.606	0.106 #	0.105 #
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.210	0 #	0.0394 #
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.309	0.128	0.0638 #
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.55	0 #	0 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	NA	< 0.0500	< 0.050	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700	NA	< 0.0700	< 0.070	< 0.0700
Radiological	Uranium-238			ug/L	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.196 J	NA	0.197 J	0.183 J	0.092 J
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.196 J	NA	0.197 J	0.183 J	0.092 J
Chemical	Fluoride	4		mg/L	< 0.10	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.176	0.191
Chemical	Nitrate as N	10		mg/L	1.8	1.4	1.4	11	11	9.9	9.1	9.1	8.1	8.8	9.2	8.3	14	7.1	6.3	6.5	7.2	6.3	6.6	< 0.02	5.6	7.8	5	4.3	3.1
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0141	0.0275
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.9 J	< 200
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.6 J	8.97 J
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	96.7	85.2
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7850	7120
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.29 J	4.29 J
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.84 J	< 5.00
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.02 J	< 20.0
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	3.7 J
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4650	4200
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48.5	43.1
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.219	0.491
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	271	153
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2640	2300
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.8 J	24 J
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21300	17700
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	1.07 J
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.9 J	11.1 J
VOCs	Acetone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Bromoform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Bromomethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2
VOCs	2-Butanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Chloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2
VOCs	Chloroform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Chloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	2-Hexanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-37	W-37	W-37	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38
				Date	10/13/2023	4/5/2024	10/7/2024	1/19/2015	4/13/2015	7/13/2015	10/12/2015	1/14/2016	4/19/2016	7/8/2016	10/11/2016	1/17/2017	4/7/2017	7/10/2017	10/3/2017	1/9/2018	4/20/2018	7/13/2018	8/5/2018	8/31/2018	10/18/2018	10/23/2018	1/9/2019	10/4/2019	4/3/2020
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1.0	< 0.600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.6	< 1	3.2	1.8	1.4
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	< 1	9.5	11	5.7
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Naphthalene			ug/L	0.460 J	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8
SVOCs	Tributylphosphate			ug/L	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39
				Date	10/8/2020	4/8/2021	10/7/2021	4/7/2022	4/7/2022	10/6/2022	4/6/2023	10/10/2023	4/4/2024	10/3/2024	1/20/2015	4/14/2015	4/17/2015	7/15/2015	10/13/2015	1/21/2016	4/21/2016	7/12/2016	10/13/2016	1/13/2017	4/7/2017	7/11/2017	10/13/2017	1/15/2018	4/20/2018
				Type	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	0.0951 #	1.86 #	2.12 #	0.0861 #	0 ##	NA	NA	NA	NA	NA	3.67	4.34 #	NA	3.23 #	3.63 #	0.635 #	2.63 #	4.91	8.05	14.1	20.2	14.0	7.81	16.7	11.1
Radiological	Beta particles	50	*	pCi/L	0 ##	0.331 #	4.58	2.01 #	0.956 #	NA	NA	NA	NA	NA	28.1	22.6	NA	13.3	15.2	19.5	35.8	13.3	22.9	18.4	15.7	15.5	18.1	13.2	15.5
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.2 #	99.8 #	NA	0 ##	0 ##	315 #	0 ##	323 #	0 ##	165 #	0 ##	0 ##	0 ##	99.2 #	0 ##
Radiological	Technetium-99	900		pCi/L	0 ##	0 ##	1.04 #	0 ##	0 ##	2.60 #	0 ##	0 ##	0 ##	0 ##	45.5 #	90.1 #	NA	0 ##	124 #	NA	0 ##	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-233/234			pCi/L	NA	0.0861 #	0.295	0.0312 #	0.154 #	NA	0.339 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.445	2.09	NA	0.558 #	NA
Radiological	Uranium-235/236			pCi/L	NA	0.0289 #	0.0217 #	0 ##	0.0971 #	NA	0.143 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.334 #	0.263 #	NA	0.715	NA
Radiological	Uranium-238			pCi/L	NA	0.0157 #	0.0851 #	0.130 #	0.0671 #	NA	0.200 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.159 #	0.338	NA	0.311 #	NA
Radiological	Percent Uranium-235			%	NA	0 #	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	NA	26.3	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			ug/L	0.086 J	0.0986 J	0.120 J	0.115 J	0.104 J	0.101 J	< 0.200	< 0.200	0.100 J	0.0986 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L	0.086 J	0.0986 J	0.120 J	0.115 J	0.104 J	0.101 J	< 0.200	< 0.200	0.100 J	0.0986 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L	0.24	0.285	0.501	0.35	0.33	0.80	0.31	0.36	0.32	0.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	3.8	3.0	2.6	3.6	3.6	3.3	3.4	3.2	2.9	3.5	120	NA	94	6.8	95	130	93	84	97	89	110	190	130	100	110
Chemical	Ammonia as N			mg/L	0.0541 J	0.0409 J	0.0464 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA
VOCs	Benzene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Bromoform			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Bromomethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50	NA	NA
VOCs	Carbon disulfide			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Chloroethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA
VOCs	Chloroform			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Chloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Cyclohexane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 50	NA	NA
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Styrene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-38	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39
				Date	10/8/2020	4/8/2021	10/7/2021	4/7/2022	4/7/2022	10/6/2022	4/6/2023	10/10/2023	4/4/2024	10/3/2024	1/20/2015	4/14/2015	4/17/2015	7/15/2015	10/13/2015	1/21/2016	4/21/2016	7/12/2016	10/13/2016	1/13/2017	4/7/2017	7/11/2017	10/13/2017	1/15/2018	4/20/2018
				Type	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.70 J	0.62 J	1.1	1.20 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	360	NA	NA
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Trichloroethene	5		ug/L	16	15	4.0	12	12	8.2	15	11	7.7	5.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	2-Methylphenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	4-Methylphenol			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Acetophenone			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Anthracene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Atrazine	3		ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Benzaldehyde			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Caprolactam			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA
SVOCs	Carbazole			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Chrysene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Dibenzofuran			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Fluorene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA
SVOCs	Hexachloroethane			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Isophorone			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Naphthalene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Nitrobenzene			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Phenol			ug/L	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA
SVOCs	Pyrene			ug/L	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-40	W-40	W-40	W-40	W-40	W-40	W-40	W-40	W-40
					Date	7/12/2018	10/25/2018	1/21/2019	10/18/2019	4/24/2020	10/22/2020	4/20/2021	10/18/2021	4/14/2022	10/14/2022	1/6/2023	1/6/2023	4/10/2023	10/12/2023	4/10/2024	10/10/2024	11/29/2018	1/24/2019	10/15/2019	4/16/2020	10/15/2020	4/12/2021	10/12/2021	4/11/2022	10/11/2022
					Type	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L		12.2	3.36 #	3.66 #	1.22 #	6.68	1.49 #	1.23 #	0.360 #	0 ##	NA	NA	NA	2.23 #	1.73 #	NA	NA	6.93	3.21	0.796 #	1.22 #	0.200 #	0 ##	0 ##	0.693 #	NA
Radiological	Beta particles	50	*	pCi/L		13.1	12.1	12.6	8.84	5.51	16.5	8.67	10.4	8.93	18.5	NA	NA	7.90	5.14	NA	NA	5.20	3.45 #	3.44 #	4.19	4.82	0.664 #	1.86 #	3.06 #	NA
Radiological	Tritium			pCi/L		174 #	433 #	488 #	174 #	23.7 #	257 #	0 ##	248 #	55.2 #	0 ##	NA	NA	249 #	24.4 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		NA	NA	4.35 #	0.726 #	7.39	11.3	11.1	10.4	8.55	11.3	NA	NA	6.80	8.72	5.06	2.64 #	11.9 #	0 ##	0 ##	0 ##	0.131 #	0 ##	0.0523 #	0 ##	0 ##
Radiological	Uranium-233/234			pCi/L		NA	NA	0.367	0 ##	0 ##	NA	0 ##	0.0183 #	0 ##	NA	NA	NA	0.228 #	NA	NA	NA	0.0255 #	0.519	0.0131 #	0.154 #	NA	0 ##	0 ##	0.308 #	NA
Radiological	Uranium-235/236			pCi/L		NA	NA	0.340	0.00196 #	0.0199 #	NA	0.0428 #	0 ##	0.0762 #	NA	NA	NA	0.0517 #	NA	NA	NA	0.0314 #	0.301 #	0.0454 #	0.0534 #	NA	0.0512 #	0.105 #	0 #	NA
Radiological	Uranium-238			pCi/L		NA	NA	0.179 #	0.149 #	0 ##	NA	0.00970 #	0.0841 #	0.00863 #	NA	NA	NA	0.146 #	NA	NA	NA	0.0588 #	0.409	0.129 #	0.104 #	NA	0.0293 #	0 ##	0 ##	NA
Radiological	Percent Uranium-235			%		NA	NA	22.8	0 #	0 #	NA	0 #	0 #	0 #	NA	NA	NA	0 #	NA	NA	NA	0 #	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA
Radiological	Uranium-234			ug/L		NA	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		NA	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L		NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	< 0.200	0.0826 J	< 0.200	< 0.200	< 0.200	0.142 J	< 0.200	< 0.200	< 0.200	< 0.200	0.103 J	0.0778 J
Radiological	Total Uranium Isotopes	30		ug/L		NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	< 0.200	0.0826 J	< 0.200	< 0.200	< 0.200	0.142 J	< 0.200	< 0.200	< 0.200	< 0.200	0.103 J	0.0778 J
Chemical	Fluoride	4		mg/L		NA	NA	NA	0.024	0.021	0.038 J	0.0130 J	0.027 J	< 0.10	< 0.10	NA	NA	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	0.166	0.139	0.145	0.129	0.141	0.20	0.19
Chemical	Nitrate as N	10		mg/L		85	120	96	73	72	64	53	57	92	74	NA	NA	61	69	59	48	4.6	2.6	4.3	2.4	3	1.3	4.1	2.5	3.4
Chemical	Ammonia as N			mg/L		NA	NA	NA	0.0218	0.0182	0.0256 J	0.0218 J	0.0327 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0203	0.0158	0.264	0.0591 J	0.342	NA	NA
Metals	Aluminum			ug/L		NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	560	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	NA	8.79 J	5.51 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.02 J	< 20.0	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	NA	324	296	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.8	14.4	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	NA	41500	30300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16700	9490	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	NA	1.52 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	280	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.76 J	< 20.0	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	NA	7620	5550	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2630	1730	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	NA	43.4	19.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	0.077 J	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	NA	3230	3060	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2820	2260	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.17 J	< 5.00	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	NA	106000	80300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2210	1830	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.25 J	1.67 J	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	NA	6.41 J	5.82 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	6.03 J	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		NA	< 100	< 20	< 100	< 20	< 100	< 100	< 20	< 20	NA	< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromoform			ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromomethane			ug/L		NA	< 10	< 2	< 10	< 2	< 10	< 10	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	2-Butanone			ug/L		NA	< 50	< 10	< 50	< 10	< 50	< 50	< 10	< 10	NA	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloroethane			ug/L		NA	< 10	< 2	< 10	< 2	< 10	< 10	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	Chloroform			ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloromethane			ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L		NA	NA	NA	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	NA	< 0.20	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	NA	< 0.20	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L		NA	< 10	< 2	< 10	< 2	< 10	< 10	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L		NA	5	3.8	13	18	12	13	8.5	6.0	NA	11	11	8.5	13	20	16.3	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L		NA	< 50	< 10	< 50	< 10	< 50	< 50	< 10	< 10	NA	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L		NA	NA	NA	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L		NA	NA	NA	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L		NA	NA	NA	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L		NA	< 50	< 10	< 50	< 10	< 50	< 50	< 10	< 10	NA	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L		NA	NA	NA	< 25	< 5	< 25	< 25	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L		NA	< 5	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-39	W-40	W-40	W-40	W-40	W-40	W-40	W-40	W-40	W-40
				Date	7/12/2018	10/25/2018	1/21/2019	10/18/2019	4/24/2020	10/22/2020	4/20/2021	10/18/2021	4/14/2022	10/14/2022	1/6/2023	1/6/2023	4/10/2023	10/12/2023	4/10/2024	10/10/2024	11/29/2018	1/24/2019	10/15/2019	4/16/2020	10/15/2020	4/12/2021	10/12/2021	4/11/2022	10/11/2022
				Type	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L	NA	300	190	290	390	400	380	250	190	NA	230	230	220	450	290	476	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L	NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L	NA	< 5	3.5	5.2	7.6	< 5.0	< 5.0	3.7	2.8	NA	4.2	4.2	4.0	8.5	9.4	7.61	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L	NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L	NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	NA	< 5	< 1	< 5.0	< 1	< 5.0	< 5.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 1.00	< 0.957	< 1.00	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 1.00	< 0.957	< 1.00	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.97	< 0.94	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Phenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 9.57	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-40	W-40	W-40	W-40	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R
				Date	4/18/2023	10/17/2023	4/9/2024	10/8/2024	1/12/2015	4/9/2015	7/10/2015	10/9/2015	10/9/2015	1/20/2016	4/18/2016	7/5/2016	10/6/2016	1/10/2017	4/3/2017	7/6/2017	10/12/2017	1/9/2018	4/10/2018	7/10/2018	10/17/2018	10/17/2018	1/23/2019	10/14/2019	4/17/2020
				Type	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	NA	4.02 #	0 ##	6.77	1.70 #	3.54 #	0 ##	4.02 #	4.01 #	16.4	12.6	7.57	6.07	12.6	9.26	2.42 #	12.4	0 ##	0 ##	2.13 #	8.93	0 ##
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	NA	22.0	17.6	22.2	13.0	10.5	19.7	25.7	24.6	27.1	24.1	25.7	20.0	23.5	19.7	16.4	14.2	12.1	32.3	8.44	14.3	2.44 #
Radiological	Tritium			pCi/L	NA	NA	NA	NA	0 ##	0 ##	0 ##	0 ##	0 ##	308 #	0 ##	179 #	0 ##	0 ##	55.5 #	122 #	0 ##	85.3 #	2.61 #	473 #	0 ##	0 ##	0 ##	223 #	49.0 #
Radiological	Technetium-99	900		pCi/L	0 ##	1.43 #	2.27 #	0.000203 #	33.9 #	62.2 #	13.7 #	86.5 #	6.70 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 ##	0 ##	12.1
Radiological	Uranium-233/234			pCi/L	0.244 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.450	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.281	0.0652 #	0.119 #
Radiological	Uranium-235/236			pCi/L	0.00970 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0853 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.226 #	0.0336 #	0 ##
Radiological	Uranium-238			pCi/L	0.140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.105 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.149 #	0.0757 #	0 ##
Radiological	Percent Uranium-235			%	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	0 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700
Radiological	Uranium-238			ug/L	0.155 J	0.143 J	0.129 J	0.0950 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.155 J	0.143 J	0.129 J	0.0950 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L	0.15	0.25	0.25	0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.007
Chemical	Nitrate as N	10		mg/L	0.63	3.3	0.41	2.3	56	51	54	34	33	61	80	66	75	64	62	63	NA	65	76	67	55	NA	44	65	48
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0299	0.0181
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.21 J	< 20.0
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	655	442
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34600	30000
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.48 J	1.62 J
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	1.48 J
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11000	8820
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.52 J	2.3 J
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	0.1 J
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	1.59 J
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5240	4890
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	6.21 J
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.08 J	1.08 J
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	66600	47300
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.38 J	7.27 J
VOCs	Acetone			ug/L	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	< 100	< 100	< 100	< 100	NA	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Bromodichloromethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Bromoform			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Bromomethane			ug/L	< 2.0	NA	NA	NA	< 2	< 2	< 2	< 2	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NA	< 10	< 10	< 10	< 10	NA	< 2	< 2.0	< 2
VOCs	2-Butanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 50	< 50	< 50	< 50	NA	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Chlorobenzene	100		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Chloroethane			ug/L	< 2.0	NA	NA	NA	< 2	< 2	< 2	< 2	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NA	< 10	< 10	< 10	< 10	NA	< 2	< 2.0	< 2
VOCs	Chloroform			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Chloromethane			ug/L	< 1.0	NA	NA	NA	< 2	< 1	< 1	< 1	NA	< 1	< 1	< 2	< 2	< 2	< 2	< 2	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Cyclohexane			ug/L	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	1,1-Dichloroethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	NA	NA	NA	< 2	< 2	< 2	< 2	NA	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NA	< 10	< 10	< 10	< 10	NA	< 2	< 2.0	< 2
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	< 1.0	< 0.500	1.2	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	5	4.4	3.8
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	NA	NA	NA	< 5	< 1	< 1	< 1	NA	< 1	< 1	< 5	< 5	< 5	< 5	< 5	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	NA	NA	NA	< 5	< 1	< 1	< 1	NA	< 1	< 1	< 5	< 5	< 5	< 5	< 5	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Ethylbenzene	700		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	2-Hexanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 50	< 50	< 50	< 50	NA	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1
VOCs	Methyl acetate			ug/L	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1
VOCs	4-Methyl-2-pentanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 50	< 50	< 50	< 50	NA	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5
VOCs	Methylene chloride	5		ug/L	< 1.0	NA	NA	NA	< 5	< 1	< 1	< 1	NA	< 1	< 1	< 5	< 5	< 5	< 5	< 5	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 5	< 5	NA	< 1	NA	NA
VOCs	Styrene	100		ug/L	< 1.0	NA	NA	NA	< 5	< 1	< 1	< 1	NA	< 1	< 1	< 5	< 5	< 5	< 5	< 5	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-40	W-40	W-40	W-40	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R
					Date	4/18/2023	10/17/2023	4/9/2024	10/8/2024	1/12/2015	4/9/2015	7/10/2015	10/9/2015	10/9/2015	1/20/2016	4/18/2016	7/5/2016	10/6/2016	1/10/2017	4/3/2017	7/6/2017	10/12/2017	1/9/2018	4/10/2018	7/10/2018	10/17/2018	10/17/2018	1/23/2019	10/14/2019	4/17/2020
					Type	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L		< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Tetrachloroethene	5		ug/L		< 1.0	< 1.0	< 1.0	< 0.600	190	130	140	88	NA	53	84	150	150	180	190	160	NA	220	260	300	310	NA	200	190	180
VOCs	Toluene	1000		ug/L		< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1
VOCs	1,2,4-Trichlorobenzene	70		ug/L		< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1
VOCs	1,1,1-Trichloroethane	200		ug/L		< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	1,1,2-Trichloroethane	5		ug/L		< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Trichloroethene	5		ug/L		< 1.0	< 1.0	< 1.0	< 0.500	37	21	21	9.6	NA	4	6.8	14	18	21	16	8.8	NA	19	24	24	23	NA	6.9	14	4
VOCs	Trichlorofluoromethane			ug/L		< 1.0	NA	NA	NA	< 2	< 1	< 1	< 1	NA	< 1	< 1	< 2	< 2	< 2	< 2	< 2	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Vinyl chloride	2		ug/L		< 1.0	< 1.0	< 1.0	< 0.500	< 2	< 1	< 1	< 1	NA	< 1	< 1	< 2	< 2	< 2	< 2	< 2	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Xylenes, Total	10000		ug/L		< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	NA	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	< 5	< 5	< 5	< 5	NA	< 1	< 1.0	< 1
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	2,4,5-Trichlorophenol			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	2,4,6-Trichlorophenol			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	2,4-Dichlorophenol			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 8	< 8	< 8	< 8	NA	< 8	< 8	< 8	< 8	NA	< 8	< 8.0	< 8
SVOCs	2,4-Dimethylphenol			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	2,4-Dinitrophenol			ug/L		NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 30	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20
SVOCs	2,4-Dinitrotoluene			ug/L		NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 12	< 8	< 8	< 8	< 8	NA	< 8	< 8	< 8	< 8	NA	< 8	< 8.0	< 8
SVOCs	2,6-Dinitrotoluene			ug/L		NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 12	< 8	< 8	< 8	< 8	NA	< 8	< 8	< 8	< 8	NA	< 8	< 8.0	< 8
SVOCs	2-Chloronaphthalene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	2-Chlorophenol			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	2-Methylnaphthalene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	2-Methylphenol			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	2-Nitroaniline			ug/L		NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 12	< 8	< 8	< 8	< 8	NA	< 8	< 8	< 8	< 8	NA	< 8	< 8.0	< 8
SVOCs	2-Nitrophenol			ug/L		NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 12	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	3,3'-Dichlorobenzidine			ug/L		NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 30	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	3-Nitroaniline			ug/L		NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 12	< 8	< 8	< 8	< 8	NA	< 8	< 8	< 8	< 8	NA	< 8	< 8.0	< 8
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 30	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20
SVOCs	4-Bromophenyl phenyl ether			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	4-Chloro-3-methylphenol			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	4-Chloroaniline			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 8	< 8	< 8	< 8	NA	< 8	< 8	< 8	< 8	NA	< 8	< 8.0	< 8
SVOCs	4-Chlorophenyl phenyl ether			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	4-Methylphenol			ug/L		NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 12	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	4-Nitroaniline			ug/L		NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 12	< 8	< 8	< 8	< 8	NA	< 8	< 8	< 8	< 8	NA	< 8	< 8.0	< 8
SVOCs	4-Nitrophenol			ug/L		NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 30	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20
SVOCs	Acenaphthene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Acenaphthylene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Acetophenone			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Anthracene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Atrazine	3		ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Benz(a)anthracene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Benzaldehyde			ug/L		NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 30	< 8	< 8	< 8	< 8	NA	< 8	< 8	< 8	< 8	NA	< 8	< 8.0	< 8
SVOCs	Benzo(a)pyrene	0.2		ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Benzo(b)fluoranthene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Benzo(g,h,i)perylene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Benzo(k)fluoranthene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Bis(2-chloroethoxy)methane			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Bis(2-chloroethyl)ether			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		NA	< 0.943	< 1.00	< 1.00	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Butyl benzyl phthalate			ug/L		NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 12	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Caprolactam			ug/L		NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	47	< 30	< 8	< 8	68	< 8	NA	< 8	< 8	< 8	< 8	NA	< 8	< 8.0	< 8
SVOCs	Carbazole			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Chrysene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Di-n-butyl phthalate			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Di-n-octyl phthalate			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Dibenz(a,h)anthracene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Dibenzofuran			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Diethyl phthalate			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Dimethyl phthalate			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Fluoranthene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Fluorene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Hexachlorobenzene	1		ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Hexachlorobutadiene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Hexachlorocyclopentadiene	50		ug/L		NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 30	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20
SVOCs	Hexachloroethane			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Isophorone			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	N-Nitrosodi-n-propylamine			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	N-Nitrosodiphenylamine			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Naphthalene			ug/L		NA	< 0.943	< 1.00	< 1.00	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Nitrobenzene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Pentachlorophenol	1		ug/L		NA	NA	NA	NA	< 26	< 25	< 25	< 25	NA	< 25	< 25	< 30	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20
SVOCs	Pentachlorophenol (SIM)	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Phenol			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 4	< 4	< 4	< 4	NA	< 4	< 4	< 4	< 4	NA	< 4	< 4.0	< 4
SVOCs	Pyrene			ug/L		NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	NA	< 5	< 5	< 6	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.8	< 0.8	< 0.8	NA	< 0.8	< 0.80	< 0.8
SVOCs	Tributylphosphate			ug/L		NA	< 9.43	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-43
				Date	10/16/2020	4/16/2021	10/21/2021	4/15/2022	10/17/2022	4/14/2023	10/16/2023	4/11/2024	10/10/2024	8/30/2018	11/4/2018	1/25/2019	10/22/2019	4/23/2020	4/23/2020	10/21/2020	4/19/2021	10/20/2021	4/18/2022	10/14/2022	4/14/2023	10/19/2023	4/15/2024	10/14/2024	1/20/2015
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	3.02 #	3.20 #	0.858 #	0.515 #	NA	3.34 #	1.57 #	NA	NA	43.4	1.01 #	1.90 #	0.753 #	0.456 #	1.11 #	0 ##	0 ##	0 ##	0.363 #	NA	NA	NA	NA	NA	0 ##
Radiological	Beta particles	50	*	pCi/L	13.5	12.4	10.2	7.47	11.5	1.82 #	5.60	NA	NA	49.2	1.96 #	8.61	3.16 #	3.17	4.06 #	4.31 #	3.00 #	3.47 #	5.39	NA	NA	NA	NA	NA	4.36
Radiological	Tritium			pCi/L	0 ##	0 ##	103 #	0 ##	0 ##	78.3 #	233 #	NA	NA	162 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 ##
Radiological	Technetium-99	900		pCi/L	12.4	10.2	13.5	10.9	11.9	4.78	6.99	10.1	3.06 #	NA	0 ##	18.4 #	5.77 #	2.64 #	2.18 #	3.10 #	0 ##	2.31 #	4.04	6.66	3.61	6.54	2.78 #	0.947 #	71.9 #
Radiological	Uranium-233/234			pCi/L	NA	0 ##	0 ##	0.0793 #	NA	0.210 #	NA	NA	NA	1.68	0.300 #	0.376	0 ##	0 ##	0 ##	NA	0 ##	0.0236 #	0.0712 #	NA	0.210 #	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	0 ##	0.0101 #	0.0369 #	NA	0.0135 #	NA	NA	NA	0.296 #	0.0996 #	0.420	0.110 #	0 ##	0.0908 #	NA	0.0505 #	0 ##	0.0528 #	NA	0.0607 #	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	0.00805 #	0.00350 #	0.0894	NA	0.0975 #	NA	NA	NA	1.78	0.209 #	0.280	0.0468 #	0 ##	0.0273 #	NA	0 ##	0 ##	0.0131 #	NA	0.0982 #	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	18.9	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA
Radiological	Uranium-238			ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA
Chemical	Fluoride	4		mg/L	< 0.1	0.0230 J	0.017 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	NA	1.99	1.6	1.52	1.72	1.30	1.27	2.5	2.1	0.63	1.6	1.4	1.1	NA
Chemical	Nitrate as N	10		mg/L	60	41	46	46	46	17	35	34	34	6.6	4	3.6	4.7	2.9	3	2.8	2.7	1.6	1.9	4.5	2.5	3.3	2.9	3.1	6.4
Chemical	Ammonia as N			mg/L	0.0203 J	0.114	0.0484 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.806	0.197	0.197	0.155	0.0894 J	0.156	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1150	834	823	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	101	79.5	76.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.32 J	2.41 J	2.32 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3980	2940	2820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.22 J	1.66 J	1.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1970	1380	1330	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343	230	222	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.62 J	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3690	3250	3120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3770	3170	3130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.36 J	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	< 20	< 50.0	< 20	< 20	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Bromoform			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0	< 2.0	NA	NA	< 2	< 5	< 2	< 2.0	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	< 10	< 10.0	< 10	< 10	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	< 2	< 5	< 2	< 2.0	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
VOCs	Chloroform			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	< 2	< 5	< 2	< 2.0	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	4.1	2.7	4.2	5.1	5.8	2.0	3.9	3.7	3.55	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	< 10	< 10.0	< 10	< 10	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	< 10	< 10.0	< 10	< 10	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	NA	NA	NA	< 5	NA	< 5.0	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	< 1	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-41R	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-42	W-43
					Date	10/16/2020	4/16/2021	10/21/2021	4/15/2022	10/17/2022	4/14/2023	10/16/2023	4/11/2024	10/10/2024	8/30/2018	11/4/2018	1/25/2019	10/22/2019	4/23/2020	4/23/2020	10/21/2020	4/19/2021	10/20/2021	4/18/2022	10/14/2022	4/14/2023	10/19/2023	4/15/2024	10/14/2024	1/20/2015
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L		220	140	160	210	203	120	180	190	163	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	NA
VOCs	Toluene	1000		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L		8.6	3.2	8.5	15	13	4.7	7.8	8.4	4.43	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA
VOCs	Trichlorofluoromethane			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 2	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA
VOCs	Xylenes, Total	10000		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1	< 5	< 1	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	NA	NA	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L		< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 1.00	< 1.00	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA
SVOCs	Butyl benzyl phthalate			ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 1.00	< 1.00	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA
SVOCs	Nitrobenzene			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L		< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L		< 1.0	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L		< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L		< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L		NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA

				Well	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43
				Date	4/14/2015	4/17/2015	7/15/2015	10/13/2015	1/21/2016	4/21/2016	7/12/2016	10/13/2016	1/13/2017	4/7/2017	7/11/2017	10/13/2017	1/15/2018	4/20/2018	7/12/2018	10/29/2018	10/29/2018	11/28/2018	11/28/2018	1/21/2019	10/18/2019	4/23/2020	10/22/2020	4/20/2021	10/18/2021
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	FD	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	0 ##	NA	0.462 #	0 ##	0.0304 #	2.53 #	0.949 #	6.93	12.5	19.5	11.6	6.58	14.2	7.06	8.23	NA	0 ##	0 ##	1.69 #	0.252 #	0.159 #	1.41 #	1.38 #	0 ##	0 ##
Radiological	Beta particles	50	*	pCi/L	3.67	NA	7.50	4.78	6.41	2.37 #	2.65 #	11.1	9.60	13.5	5.70	12.1	12.4	7.17	11.3	NA	4.62 #	4.00 #	1.82 #	3.36	3.16 #	2.36 #	5.17	0.0965 #	0 ##
Radiological	Tritium			pCi/L	0 ##	NA	0 ##	0 ##	371 #	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	2.87 #	298 #	NA	0 ##	36.9 #	71.4 #	0 ##	4.14 #	0 ##	74.4 #	0 ##	0 ##
Radiological	Technetium-99	900		pCi/L	100 #	NA	0 ##	25.1 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27.9 #	24.7 #	0 ##	0 ##	1.60 #	1.40 #	1.50 #	39.9
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.553	NA	NA	NA	NA	NA	NA	NA	0.170 #	0.284 #	0.727	0 ##	0 ##	NA	0 ##	0 ##
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.138 #	NA	NA	NA	NA	NA	NA	NA	0 ##	0.139 #	0.443	0.0698 #	0 ##	NA	0 ##	0 ##
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.885	NA	NA	NA	NA	NA	NA	NA	0.171 #	0.0830 #	0.246	0.0475 #	0.0525 #	NA	0.00138 #	0.0793 #
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	21.8	0 #	0 #	NA	0 #	0 #
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.111	0.018	< 0.1	0.0120 J	0.023 J
Chemical	Nitrate as N	10		mg/L	NA	7	74	6.7	6	5.5	5.4	5.3	5.7	5.3	5.7	4.3	4.8	4.3	4.2	6.6	6.6	7.1	7.2	9	6.3	7.1	5.7	7.4	7.4
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0198	0.0353	0.0201 J	0.0197 J	0.0248 J
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.76 J	< 20.0	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159	142	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8770	7750	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.28 J	2.19 J	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3590	3160	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.24 J	5.74 J	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2650	2430	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	15.1 J	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.05 J	< 5.00	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3020	3090	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.53 J	6.85 J	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Bromoform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Bromomethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 5	< 5	< 5	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0
VOCs	2-Butanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Chloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 5	< 5	< 5	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0
VOCs	Chloroform			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Chloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.024	< 0.020	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	NA	NA	NA	< 5	< 5	< 5	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 5	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43	W-43
				Date	4/14/2015	4/17/2015	7/15/2015	10/13/2015	1/21/2016	4/21/2016	7/12/2016	10/13/2016	1/13/2017	4/7/2017	7/11/2017	10/13/2017	1/15/2018	4/20/2018	7/12/2018	10/29/2018	10/29/2018	11/28/2018	11/28/2018	1/21/2019	10/18/2019	4/23/2020	10/22/2020	4/20/2021	10/18/2021
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	FD	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5	< 5	< 5	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 2	< 2	< 2	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	< 5	< 5	< 5	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	NA	NA	NA	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.95	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	NA	NA	NA	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-43	W-43	W-43	W-43	W-43	W-43	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44
				Date	4/14/2022	10/14/2022	4/14/2023	10/11/2023	4/10/2024	10/9/2024	1/20/2015	4/14/2015	4/16/2015	7/10/2015	10/9/2015	1/18/2016	4/18/2016	7/5/2016	7/18/2016	10/13/2016	1/11/2017	4/5/2017	7/11/2017	10/12/2017	10/12/2017	1/12/2018	4/17/2018	7/12/2018	8/30/2018
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	0 ##	NA	0.0324 #	3.41	NA	NA	0.659 #	4.44	NA	1.40 #	4.44	1.10 #	3.14 #	NA	18.2	10.4	11.4	9.55	8.36	19.4	25.2	9.51	8.48	8.15	NA
Radiological	Beta particles	50	*	pCi/L	4.64	4.77	1.16 #	4.93	NA	NA	2.47 #	4.15 #	NA	0 ##	2.63 #	1.99 #	3.45 #	NA	13.2	9.65	4.16 #	14.3	3.87 #	15.9	18.0	8.88	6.78	10.6	NA
Radiological	Tritium			pCi/L	0 ##	21.1 #	153 #	125 #	NA	NA	0 ##	29.9 #	NA	0 ##	0 ##	153 #	0 ##	NA	153 #	0 ##	0 ##	0 ##	160 #	0 ##	270 #	75.2 #	0 ##	98.8 #	NA
Radiological	Technetium-99	900		pCi/L	0.422 #	3.69	2.86 #	0 ##	0.275 #	0 ##	88.3 #	12.4 #	NA	0 ##	125 #	36.6 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-233/234			pCi/L	0 ##	NA	0.187 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.949	1.32	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	0.0191 #	NA	0.0818 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.211 #	0.221 #	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	0 ##	NA	0 ##	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.151 #	0.717	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	0 #	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	6.9	7.6	8.4	6.4	5.9	6.4	4.5	NA	3.7	2.5	3.9	2.6	2	1.6	NA	3	3.3	2.9	2.7	2.8	2.5	2.4	3.2	3.3	NA
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	< 20
VOCs	Benzene	5		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Bromoform			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Bromomethane			ug/L	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	NA	NA	NA	< 2
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	NA	NA	NA	< 10
VOCs	Carbon disulfide			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Chloroethane			ug/L	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	NA	NA	NA	< 2
VOCs	Chloroform			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Chloromethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Cyclohexane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	NA	NA	NA	< 2
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	NA	NA	NA	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	NA	NA	NA	< 10
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Styrene	100		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-43	W-43	W-43	W-43	W-43	W-43	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44
				Date	4/14/2022	10/14/2022	4/14/2023	10/11/2023	4/10/2024	10/9/2024	1/20/2015	4/14/2015	4/16/2015	7/10/2015	10/9/2015	1/18/2016	4/18/2016	7/5/2016	7/18/2016	10/13/2016	1/11/2017	4/5/2017	7/11/2017	10/12/2017	10/12/2017	1/12/2018	4/17/2018	7/12/2018	8/30/2018
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	0.75 J	0.41 J	< 0.600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	< 1
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-45	W-45	W-45	W-45	W-45	W-45	W-45	W-45	W-45	W-45	W-45	W-45
					Date	10/17/2018	1/23/2019	10/14/2019	4/16/2020	10/16/2020	4/19/2021	10/18/2021	4/15/2022	10/17/2022	4/14/2023	10/16/2023	4/11/2024	10/10/2024	8/5/2018	11/4/2018	1/18/2019	10/2/2019	4/15/2020	10/14/2020	4/13/2021	10/14/2021	4/12/2022	10/12/2022	4/12/2023	4/12/2023
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		2.49 #	0.347 #	3.47 #	0.183 #	2.72	1.37 #	0.557 #	1.03 #	NA	0 ##	1.58 #	NA	NA	18.9	4.47	5.34	4.37	3.46 #	3.06 #	2.03 #	2.49 #	2.34	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L		1.83 #	4.49	0.283 #	13.3	2.92 #	6.74	3.38 #	0.959 #	1.73 #	1.40 #	6.49	NA	NA	8.02	2.99 #	2.70 #	16.6	49.5	3.73 #	3.68	2.22 #	2.13 #	NA	NA	NA
Radiological	Tritium			pCi/L		104 #	0 ##	0 ##	44.8 #	0 ##	5.90 #	287 #	0 ##	0 ##	11.6 #	0 ##	NA	NA	42.0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		NA	0 ##	0 ##	0 ##	0 ##	0 ##	0.648 #	0 ##	3.04 #	0.933 #	0 ##	2.51 #	0 ##	NA	0 ##	0 ##	4.99 #	71.1	2.12 #	0 ##	1.47 #	0.400 #	1.90 #	1.41 #	1.02 #
Radiological	Uranium-233/234			pCi/L		NA	0.341 #	0.0335 #	0.0364 #	NA	0 ##	0 ##	0 ##	NA	0.233 #	NA	NA	NA	12.8	3.55	1.35	0.897	0.0405 #	NA	0.619	0.782	1.01	NA	1.88	2.11
Radiological	Uranium-235/236			pCi/L		NA	0.300 #	0.0360 #	0.0426 #	NA	0.0367 #	0.0451 #	0.0909 #	NA	0 ##	NA	NA	NA	0.404	0.371	0.351	0 ##	0 ##	NA	0 ##	0 ##	0.157 #	NA	0.131 #	0.0483 #
Radiological	Uranium-238			pCi/L		NA	0.234 #	0.0107 #	0.0786 #	NA	0 ##	0.0630 #	0 ##	NA	0.299 #	NA	NA	NA	3.35	0.907	0.541	0.477	0.0729 #	NA	0.0543 #	0.225	0.280	NA	0.531	0.764
Radiological	Percent Uranium-235			%		NA	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	1.84	5.97	9.16	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	0 #
Radiological	Uranium-234			ug/L		< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	0.0586 J	0.0244 J	0.0216 J	< 0.0700	< 0.0700	< 0.0700	0.0112 J	0.0291 J	0.0115 J	0.0307 J	0.0325 J
Radiological	Uranium-238			ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	2.53	1.02	0.983	< 0.200	0.301	0.382	0.462	1.20	0.436	1.33	1.36
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	2.58	1.05	1.00	< 0.200	0.301	0.382	0.473	1.23	0.447	1.36	1.40
Chemical	Fluoride	4		mg/L		NA	NA	0.023	< 0.1	0.013 J	0.0170 J	0.015 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	NA	0.633	0.61	0.581	0.649	0.386	0.51	0.44	0.53	0.53
Chemical	Nitrate as N	10		mg/L		3.5	2.9	2.4	1.7	1.9	3.1	1.7	2.0	2.4	2.6	1.9	1.7	1.7	< 0.02	0.95	0.74	0.093	0.11	0.12	0.24	0.24	0.27	< 0.020	0.85	0.31
Chemical	Ammonia as N			mg/L		NA	NA	0.0186	0.0134	0.0227 J	0.0207 J	0.0175 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.08	1.26	1.55	0.781	0.904	NA	NA	NA	NA
Metals	Aluminum			ug/L		NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90.5 J	716	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.1 J	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	151	142	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.8	307	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	2.14 J	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	5460	4790	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35100	17600	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	3.15 J	2.82 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	< 5.00	1.44 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.04 J	11.3	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	109	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	75.8 J	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34900	< 100	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	5.46 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	3060	2450	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7930	6460	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	8.67 J	7.53 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	316	548	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	< 0.200	0.078 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	0.072 J	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	262	4.78 J	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	2850	2360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7530	7350	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.5 J	< 30.0	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	2.18 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	1.14 J	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	5570	5180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	390000	46600	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.33 J	1.79 J	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	< 20.0	5.69 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.6 J	6.92 J	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	2.8	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromoform			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromomethane			ug/L		< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	2-Butanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloroethane			ug/L		< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	Chloroform			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloromethane			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L		< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	6.6	2.3	3.4	3.7	2.5	1.3	< 1.0	4.8	1.1	1.1
VOCs	2-Hexanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	1.5	1.3	2.3	1.2	1.2	< 1.0	3.2	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L		NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	NA	NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L		< 1	< 1	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

				Well	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-44	W-45	W-45	W-45	W-45	W-45	W-45	W-45	W-45	W-45	W-45	W-45	W-45
				Date	10/17/2018	1/23/2019	10/14/2019	4/16/2020	10/16/2020	4/19/2021	10/18/2021	4/15/2022	10/17/2022	4/14/2023	10/16/2023	4/11/2024	10/10/2024	8/5/2018	11/4/2018	1/18/2019	10/2/2019	4/15/2020	10/14/2020	4/13/2021	10/14/2021	4/12/2022	10/12/2022	4/12/2023	4/12/2023
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L	< 1	< 1	< 1.0	< 1	< 1.0	5.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	7.2	4.2	< 4	4.2	2.2	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	7.2	12	6	13	3.1	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	1.5	1.5	1	1.7	1.3	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	0.27	0.17	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	6.6	< 4.0	< 4	5.4	4.5	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	1.4	0.81	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	2.4	1.7	1	2.2	1.1	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	0.9	18	15	13	16	8.4	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	< 1.0	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.98	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	1.4	1.1	< 0.8	1.4	0.70	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-45	W-45	W-45	W-46	W-46	W-46	W-46	W-46	W-46	W-46	W-46	W-46	W-46	W-46	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47
				Date	10/16/2023	4/8/2024	10/7/2024	11/4/2018	1/22/2019	10/21/2019	4/22/2020	10/21/2020	4/20/2021	10/21/2021	4/15/2022	10/14/2022	4/14/2023	10/17/2023	4/12/2024	10/10/2024	1/21/2015	4/16/2015	7/16/2015	10/13/2015	1/20/2016	4/21/2016	7/12/2016	10/18/2016	1/13/2017
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	0.819 #	0.0455 #	0.656 #	1.97 #	0.0488 #	0.790 #	1.25 #	3.55	NA	NA	NA	NA	NA	0.0655 #	1.70 #	1.75 #	2.46 #	0.604 #	1.93 #	3.29 #	1.89 #	5.49
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	48.6	41.3	40.4	34.4	27.4	36.9	37.5	31.0	NA	NA	NA	NA	NA	83.1	71.9	79.4	62.6	71.2	51.4	39.1	38.1	64.5
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.5 #	0 ##	135 #	41.9 #	281 #	0 ##	128 #	0 ##	95.8 #
Radiological	Technetium-99	900		pCi/L	0.385 #	0 ##	0 ##	49.7	38.2 #	62.8	55.6	70.1	62.5	51.3	53.4	53.0	54.4	49.0	49.5	45.5	153 #	116 #	28.5 #	177 #	118 #	0 ##	NA	NA	81.7
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	0.0278 #	0.363 #	0.317 #	0 ##	NA	0.0235 #	0 ##	0.00949 #	NA	0 ##	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	0.00163 #	0.270	0 ##	0.0467 #	NA	0.0931 #	0 ##	0.0218 #	NA	0.0169 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	NA	0.0435 #	0.362	0.0325 #	0.0605 #	NA	0 ##	0 ##	0 ##	NA	0.306	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	NA	0 #	10.4	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235			ug/L	< 0.0700	0.0290 J	0.0236 J	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			ug/L	0.372	1.14	0.990	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.117 J	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L	0.372	1.17	1.01	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.117 J	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L	0.48	0.49	0.87	NA	NA	0.033	0.028	0.031 J	0.0180 J	0.03 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	0.049	1.6	0.043	7.6	7.6	7.8	8.7	8.4	7.3	7.7	7.9	8.8	8.2	3.7	7.7	7.6	34	31	36	37	40	43	44	41	46
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	0.0129	0.2	0.0154 J	0.0172 J	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	144	161	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	1.26 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	8640	8610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	< 10.0	1.69 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	1.16 J	1.29 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	4980	5590	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	8.93 J	6.23 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	6.13	5.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	2670	2480	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	< 30.0	6.39 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	18700	18400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	< 5.00	1.01 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	10.7 J	12.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromoform			ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	< 2.0	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	< 10	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	< 2.0	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloroform			ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	< 1.0	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	0.41 J	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	0.270 J	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.154 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	1.1	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	< 10	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	0.97 J	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	< 1.0	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	0.47 J	NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-45	W-45	W-45	W-46	W-46	W-46	W-46	W-46	W-46	W-46	W-46	W-46	W-46	W-46	W-46	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47
				Date	10/16/2023	4/8/2024	10/7/2024	11/4/2018	1/22/2019	10/21/2019	4/22/2020	10/21/2020	4/20/2021	10/21/2021	4/15/2022	10/14/2022	4/14/2023	10/17/2023	4/12/2024	10/10/2024	1/21/2015	4/16/2015	7/16/2015	10/13/2015	1/20/2016	4/21/2016	7/12/2016	10/18/2016	1/13/2017
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1.0	< 0.600	< 5	1.7	2.5	2.2	2.6	2.2	2.9	2.4	2.8	2.6	3.1	2.9	2.99	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Toluene	1000		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	< 0.500	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	0.57 J	0.60 J	0.69 J	0.58 J	0.469 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Trichlorofluoromethane			ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 0.500	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Xylenes, Total	10000		ug/L	< 1.0	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 1.00	< 1.00	< 1.00	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	5.15	< 1.00	0.960 J	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-48	W-48	W-48	W-48	W-48
				Date	4/7/2017	7/12/2017	10/13/2017	1/15/2018	4/22/2018	7/15/2018	8/30/2018	10/25/2018	1/24/2019	10/17/2019	4/20/2020	10/16/2020	4/15/2021	10/19/2021	4/19/2022	10/17/2022	4/13/2023	10/19/2023	4/15/2024	10/14/2024	1/12/2015	4/9/2015	7/10/2015	10/9/2015	1/20/2016
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	2.64 #	1.62 #	1.53 #	2.97 #	4.24	7.10	NA	2.23 #	5.21	1.60 #	1.26 #	1.41 #	2.33 #	0 ##	1.06 #	NA	4.94	0.126 #	NA	NA	1.64 #	2.44 #	1.91 #	0.312 #	0 ##
Radiological	Beta particles	50	*	pCi/L	66.3	61.5	73.5	68.7	56.3	76.8	NA	105	91.2	61.6	56.7	51.5	52.0	51.3	45.4	72.2	75.9	59.5	NA	NA	7.15	11.4	6.43	7.29	8.90
Radiological	Tritium			pCi/L	168 #	0 ##	3.27 #	149 #	163 #	71.8 #	NA	47.7 #	0 ##	137 #	273 #	0 ##	0 ##	193 #	0 ##	2.38 #	165 #	0 ##	NA	NA	0 ##	0 ##	96.5 #	0 ##	98.8 #
Radiological	Technetium-99	900		pCi/L	NA	70.2	70.6	84.1	81.0	80.4	NA	113	97.8	94.2	86.8	73.4	90.1	37.9	90.4	114	120	85.4	94.0	85.0	62.3 #	0 ##	0 ##	74.1 #	95.0 #
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	0.382	0 ##	0 ##	NA	0 ##	0.00116 #	0 ##	NA	0 ##	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	0 ##	0 ##	0.0453 #	NA	0.0802 #	0 ##	0.0798 #	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	0.283	0 ##	0.0103 #	NA	0 ##	0 ##	0.0736 #	NA	0.0201 #	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	NA	NA	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	NA	NA
Radiological	Uranium-235			ug/L	NA	NA	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	NA	NA
Radiological	Uranium-238			ug/L	NA	NA	NA	NA	NA	NA	NA	0.0797 J	< 0.200	< 0.200	0.102 J	< 0.200	< 0.200	0.0704 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	NA	NA	NA	NA	0.0797 J	< 0.200	< 0.200	0.102 J	< 0.200	< 0.200	0.0704 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.45	3.92	4.38	4.26	3.97	5.1	3.9	4.0	4.7	4.7	4.0	NA	NA	NA	NA	NA
Chemical	Nitrate as N	10		mg/L	52	55	49	55	62	64	NA	84	71	42	44	40	33	33	49	56	62	42	36	33	2.3	3.2	3.4	3.6	3.8
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.5	16.8	14.3	12.1	13.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	571	551	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.33 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	260	249	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.32 J	1.98 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	22300	18900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.24 J	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.85	7.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	8890	7760	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	986	928	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	0.077 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.35 J	4.36 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	9220	9070	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	6.52 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.53 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	53900	51800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.29 J	3.96 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.27 J	12.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	Bromodichloromethane			ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	Bromoform			ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	Bromomethane			ug/L	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2	< 2	< 2	< 2
VOCs	2-Butanone			ug/L	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	Chlorobenzene	100		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	Chloroethane			ug/L	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2	< 2	< 2	< 2
VOCs	Chloroform			ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	Chloromethane			ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 2	< 1	< 1	< 1	< 1
VOCs	Cyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	1,1-Dichloroethane			ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	< 2	NA	NA	NA	< 2	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2	< 2	< 2	< 2
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	0.42 J	< 1.0	< 1.0	< 1.0	0.154 J	5.4	7.4	6.1	6.4	4.8
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1	< 1	< 1
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1	< 1	< 1
VOCs	Ethylbenzene	700		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	2-Hexanone			ug/L	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 5	< 1	< 1	< 1	< 1
VOCs	Naphthalene (VOC)			ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1	< 1	< 1

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-47	W-48	W-48	W-48	W-48	W-48
				Date	4/7/2017	7/12/2017	10/13/2017	1/15/2018	4/22/2018	7/15/2018	8/30/2018	10/25/2018	1/24/2019	10/17/2019	4/20/2020	10/16/2020	4/15/2021	10/19/2021	4/19/2022	10/17/2022	4/13/2023	10/19/2023	4/15/2024	10/14/2024	1/12/2015	4/9/2015	7/10/2015	10/9/2015	1/20/2016
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	Tetrachloroethene	5		ug/L	NA	NA	1.8	NA	NA	NA	2.1	3.1	2.4	1.6	1.6	1.3	1.6	1.3	2.1	2.2	2.8	1.3	2.2	1.36	140	170	170	190	190
VOCs	Toluene	1000		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	Trichloroethene	5		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.66 J	0.42 J	0.50 J	< 0.500	4	5.5	7.7	8.2	6.5
VOCs	Trichlorofluoromethane			ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 2	< 1	< 1	< 1	< 1
VOCs	Vinyl chloride	2		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 2	< 1	< 1	< 1	< 1
VOCs	Xylenes, Total	10000		ug/L	NA	NA	< 1	NA	NA	NA	< 1	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1	< 1	< 1
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	< 8	NA	NA	NA	NA	< 80	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	< 20	NA	NA	NA	NA	< 200	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	< 25
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	< 8	NA	NA	NA	NA	< 80	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	< 8	NA	NA	NA	NA	< 80	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	2-Chlorophenol			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	2-Methylphenol			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	2-Nitroaniline			ug/L	NA	NA	< 8	NA	NA	NA	NA	< 80	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
SVOCs	2-Nitrophenol			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	< 25
SVOCs	3-Nitroaniline			ug/L	NA	NA	< 8	NA	NA	NA	NA	< 80	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	< 20	NA	NA	NA	NA	< 200	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	< 25
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	4-Chloroaniline			ug/L	NA	NA	< 8	NA	NA	NA	NA	< 80	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	4-Methylphenol			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
SVOCs	4-Nitroaniline			ug/L	NA	NA	< 8	NA	NA	NA	NA	< 80	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
SVOCs	4-Nitrophenol			ug/L	NA	NA	< 20	NA	NA	NA	NA	< 200	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	< 25
SVOCs	Acenaphthene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Acenaphthylene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Acetophenone			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Anthracene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Atrazine	3		ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Benz(a)anthracene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Benzaldehyde			ug/L	NA	NA	< 8	NA	NA	NA	NA	< 80	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	< 25
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10
SVOCs	Caprolactam			ug/L	NA	NA	< 8	NA	NA	NA	NA	< 80	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	< 25
SVOCs	Carbazole			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Chrysene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Dibenzofuran			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Diethyl phthalate			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Dimethyl phthalate			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Fluoranthene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Fluorene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	< 20	NA	NA	NA	NA	< 200	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	< 25
SVOCs	Hexachloroethane			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Isophorone			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Naphthalene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Nitrobenzene			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	< 20	NA	NA	NA	NA	< 200	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 26	< 25	< 25	< 25	< 25
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Phenol			ug/L	NA	NA	< 4	NA	NA	NA	NA	< 40	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Pyrene			ug/L	NA	NA	< 0.8	NA	NA	NA	NA	< 8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 5.1	< 5	< 5	< 5	< 5
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-49
					Date	4/18/2016	7/5/2016	10/6/2016	1/10/2017	4/3/2017	7/6/2017	10/13/2017	1/9/2018	4/10/2018	7/10/2018	10/25/2018	1/24/2019	10/21/2019	10/21/2019	4/21/2020	10/20/2020	4/19/2021	10/19/2021	4/19/2022	10/18/2022	4/17/2023	10/18/2023	4/15/2024	10/11/2024	12/13/2018
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L		0.463 #	0 ##	0 ##	1.09 #	1.00 #	0 ##	0.497 #	2.12 #	0.0511 #	2.93 #	0.639 #	3.90	0.460 #	0 ##	0 ##	1.45 #	1.76 #	0 ##	0.0436 #	1.28 #	0.422 #	0.326 #	NA	NA	3.26 #
Radiological	Beta particles	50	*	pCi/L		9.55	10.9	6.53	4.15 #	15.6	8.47	6.79	28.3	4.88	16.1	14.8	15.7	9.32	7.64	7.20	7.90	12.6	13.7	5.98	5.92	9.73	4.17 #	NA	NA	0.727 #
Radiological	Tritium			pCi/L		0 ##	0 ##	0 ##	15.1 #	0 ##	142 #	221 #	0 ##	0 ##	260 #	0 ##	0 ##	87.4 #	190 #	0 ##	0 ##	49.3 #	132 #	124 #	0 ##	263 #	60.8 #	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 ##	13.1 #	14.9 #	13.8	14.9	16.4	14.9	15.2	17.9	13.1	14.5	14.3	10.4	27.2 #
Radiological	Uranium-233/234			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.294	0.0449 #	0.231 #	0.00192 #	NA	0 ##	0 ##	0.0808 #	NA	0.174 #	NA	NA	NA	0.314 #
Radiological	Uranium-235/236			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.425	0.106 #	0.0663 #	0 ##	NA	0.0465 #	0 ##	0.0348 #	NA	0.0288 #	NA	NA	NA	0.0196 #
Radiological	Uranium-238			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.194 #	0.0109 #	0.00988 #	0.00138 #	NA	0 ##	0.0103 #	0 ##	NA	0.0182 #	NA	NA	NA	0.198 #
Radiological	Percent Uranium-235			%		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.3	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #
Radiological	Uranium-234			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0500	< 0.0500	< 0.050	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0700	< 0.0700	< 0.070	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0922 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.104 J
Radiological	Total Uranium Isotopes	30		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0922 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.104 J
Chemical	Fluoride	4		mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.33	0.321	0.36	0.31	0.370	0.31	0.40	0.36	0.41	0.43	0.44	0.49	NA
Chemical	Nitrate as N	10		mg/L		4.7	4.1	4.4	4.7	4.5	4.7	4	4.6	5	4.6	5.3	5	5.3	4.9	5.1	5.4	4.8	5.5	6.0	5.8	4.7	5.2	5.0	4.5	< 0.02
Chemical	Ammonia as N			mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0446	0.0422	0.0347	0.0976 J	0.0206 J	0.0348 J	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	70.4 J	87.4 J	85.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	97.1	99.1	105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5690	5870	6080	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	1.11 J	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	1.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2230	2300	2330	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26.9	28.8	37.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	0.082 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2940	3030	3420	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10100	10400	10200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.74 J	5.1 J	7.02 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	< 100	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	< 20	NA	NA	< 20
VOCs	Benzene	5		ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Bromodichloromethane			ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Bromoform			ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Bromomethane			ug/L		< 2	< 10	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.0	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	< 2
VOCs	2-Butanone			ug/L		< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA	< 10
VOCs	Carbon disulfide			ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Carbon tetrachloride	5		ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Chlorobenzene	100		ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Chloroethane			ug/L		< 2	< 10	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.0	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	NA	NA	< 2
VOCs	Chloroform			ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Chloromethane			ug/L		< 1	< 10	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Cyclohexane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,3-Dichlorobenzene			ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,1-Dichloroethane			ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Dichlorodifluoromethane			ug/L		< 2	< 10	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.0	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	NA	NA	< 2
VOCs	1,2-Dichloroethane	5		ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,1-Dichloroethene	7		ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	cis-1,2-Dichloroethene	70		ug/L		4.2	< 5	3.4	4.3	4.1	3.7	3.3	3.5	4.3	3.2	2.2	2.1	2.1	2.0	1.9	2.2	2.2	2.0	1.6	1.3	2.0	1.9	1.9	2.42	< 1
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,2-Dichloropropane	5		ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	cis-1,3-Dichloropropene			ug/L		< 1	< 25	< 5	< 5	< 5	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	trans-1,3-Dichloropropene			ug/L		< 1	< 25	< 5	< 5	< 5	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Ethylbenzene	700		ug/L		< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	2-Hexanone			ug/L		< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl acetate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA	< 10
VOCs	Methylcyclohexane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	NA	NA	NA
VOCs	Methylene chloride	5		ug/L		< 1	< 25	< 5	< 5	< 5	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Naphthalene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	< 1	< 1	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1
VOCs	Styrene	100		ug/L		< 1	< 25	< 5	< 5	< 5	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-48	W-49
				Date	4/18/2016	7/5/2016	10/6/2016	1/10/2017	4/3/2017	7/6/2017	10/13/2017	1/9/2018	4/10/2018	7/10/2018	10/25/2018	1/24/2019	10/21/2019	10/21/2019	4/21/2020	10/20/2020	4/19/2021	10/19/2021	4/19/2022	10/18/2022	4/17/2023	10/18/2023	4/15/2024	10/11/2024	12/13/2018
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Tetrachloroethene	5		ug/L	220	220	160	100	180	160	170	170	150	170	150	180	200	200	160	140	160	220	190	160	150	210	190	169	< 1
VOCs	Toluene	1000		ug/L	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Trichloroethene	5		ug/L	7.3	7	5.7	8.7	8.2	7.7	7.9	8.8	7.4	6.4	4.9	5.1	4.9	4.7	4.9	5.4	4.8	4.8	4.4	2.9	5.7	4.9	4.7	5.90	< 1
VOCs	Trichlorofluoromethane			ug/L	< 1	< 10	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Vinyl chloride	2		ug/L	< 1	< 10	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500 J	< 1
VOCs	Xylenes, Total	10000		ug/L	< 1	< 5	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	2,4,5-Trichlorophenol			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	2,4,6-Trichlorophenol			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	2,4-Dichlorophenol			ug/L	< 5	< 5.3	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 8
SVOCs	2,4-Dimethylphenol			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	2,4-Dinitrophenol			ug/L	< 25	< 27	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	< 20
SVOCs	2,4-Dinitrotoluene			ug/L	< 10	< 11	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	< 8
SVOCs	2,6-Dinitrotoluene			ug/L	< 10	< 11	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	< 8
SVOCs	2-Chloronaphthalene			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	2-Chlorophenol			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	2-Methylnaphthalene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	0.24	< 0.16	NA	NA	< 0.8
SVOCs	2-Methylphenol			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	2-Nitroaniline			ug/L	< 10	< 11	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	< 8
SVOCs	2-Nitrophenol			ug/L	< 10	< 11	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	< 4
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 25	< 27	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	< 4
SVOCs	3-Nitroaniline			ug/L	< 10	< 11	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	< 8
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 25	< 27	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	< 20
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	4-Chloro-3-methylphenol			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	4-Chloroaniline			ug/L	< 5	< 5.3	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 8
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	4-Methylphenol			ug/L	< 10	< 11	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	< 4
SVOCs	4-Nitroaniline			ug/L	< 10	< 11	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	NA	NA	< 8
SVOCs	4-Nitrophenol			ug/L	< 25	< 27	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	< 20
SVOCs	Acenaphthene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Acenaphthylene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Acetophenone			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	Anthracene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Atrazine	3		ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	Benz(a)anthracene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Benzaldehyde			ug/L	< 25	< 27	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	< 8
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Benzo(b)fluoranthene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Benzo(g,h,i)perylene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Benzo(k)fluoranthene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	< 4.0	4.1	< 4.0	< 4.0	< 4.0	< 1.00	< 1.00	< 4
SVOCs	Butyl benzyl phthalate			ug/L	< 10	< 11	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	< 4
SVOCs	Caprolactam			ug/L	< 25	< 27	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8.0	< 8.0	< 8	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	1.7 J	NA	NA	< 8
SVOCs	Carbazole			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	Chrysene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Di-n-butyl phthalate			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	< 4
SVOCs	Di-n-octyl phthalate			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	< 4
SVOCs	Dibenz(a,h)anthracene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Dibenzofuran			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	Diethyl phthalate			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	< 4
SVOCs	Dimethyl phthalate			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	< 4
SVOCs	Fluoranthene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Fluorene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Hexachlorobenzene	1		ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	Hexachlorobutadiene			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 25	< 27	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	< 20
SVOCs	Hexachloroethane			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Isophorone			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	N-Nitrosodiphenylamine			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	Naphthalene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	1.1	< 0.16	< 0.16	1.3	< 0.16	< 1.00	< 1.00	< 0.8
SVOCs	Nitrobenzene			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	Pentachlorophenol	1		ug/L	< 25	< 27	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	NA	NA	< 20
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.97	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Phenol			ug/L	< 5	< 5.3	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	NA	NA	< 4
SVOCs	Pyrene			ug/L	< 5	< 5.3	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	< 0.8
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-49	W-49	W-49	W-49	W-49	W-49	W-49	W-49	W-49	W-49	W-49	W-49	W-50	W-50	W-50	W-50	W-50	W-50	W-50	W-50	W-50	W-50	W-50	W-50
					Date	1/29/2019	10/24/2019	10/24/2019	4/23/2020	10/21/2020	4/19/2021	10/20/2021	4/18/2022	10/19/2022	4/14/2023	10/19/2023	4/15/2024	10/14/2024	1/24/2019	10/15/2019	4/16/2020	10/15/2020	4/12/2021	10/12/2021	4/11/2022	10/11/2022	4/18/2023	10/17/2023	4/9/2024	10/8/2024
					Type	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	3.87	0.196 #	1.80 #	5.78	0.338 #	0 ##	2.23 #	0.565 #	NA	NA	NA	NA	NA	1.34 #	3.48 #	1.63 #	1.79 #	2.28 #	0.966 #	0.820 #	NA	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L	2.72 #	4.34 #	0.719 #	6.76	1.81 #	7.26	0 ##	3.38 #	NA	NA	NA	NA	NA	1.59 #	0.0720 #	3.92	0.149 #	1.57 #	4.28	2.21 #	NA	NA	NA	NA	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	2.27 #	0.0495 #	1.81 #	3.95 #	2.77 #	0.577 #	4.64 #	0 ##	0 ##	0.678 #	0 ##	0.173 #	0.661 #	0 ##	0 ##	1.62 #	0 ##	0.855 #
Radiological	Uranium-233/234			pCi/L	0.354 #	0.154 #	0.432	0 ##	NA	0 ##	0 ##	0 ##	NA	0.288 #	NA	NA	NA	0.685	0.279 #	0.314 #	NA	0.0632 #	0 ##	0.166 #	NA	0.129 #	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	0.171 #	0.0321 #	0.0321 #	0 ##	NA	0.0396 #	0 ##	0.00184 #	NA	0 ##	NA	NA	NA	0.265	0.0468 #	0.0999 #	NA	0 ##	0.0722 #	0.00277 #	NA	0.0726 #	NA	NA	NA
Radiological	Uranium-238			pCi/L	0.199 #	0.0380 #	0.0260 #	0.0102 #	NA	0.0236 #	0.0110 #	0.0668 #	NA	0.0884 #	NA	NA	NA	0.188 #	0.201 #	0.133 #	NA	0 ##	0.0400 #	0.242 #	NA	0.0588 #	NA	NA	NA
Radiological	Percent Uranium-235			%	0 #	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	18.0	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.050	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.070	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	0.0731 J	0.0695 J	0.0865 J	0.0735 J	< 0.200	< 0.200	0.0826 J	< 0.200	0.0673 J	0.103 J	< 0.200	< 0.200	0.158 J	0.0876 J	0.101 J	0.151 J	0.171 J	0.117 J	0.180 J	0.184 J	0.213	0.123 J	0.236	< 0.200	0.247
Radiological	Total Uranium Isotopes	30		ug/L	0.0731 J	0.0695 J	0.0865 J	0.0735 J	< 0.200	< 0.200	0.0826 J	< 0.200	0.0673 J	0.103 J	< 0.200	< 0.200	0.158 J	0.0876 J	0.101 J	0.151 J	0.171 J	0.117 J	0.180 J	0.184 J	0.213	0.123 J	0.236	< 0.200	0.247
Chemical	Fluoride	4		mg/L	NA	0.003	0.053	0.011	< 0.1	0.129	0.01 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.035	< 0.1	< 0.1	0.00900 J	0.016 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	< 0.02	< 0.020	< 0.020	< 0.02	0.13	< 0.020	< 0.020	< 0.020	< 0.020	0.028	< 0.020	0.13	< 0.020	< 0.02	< 0.020	< 0.02	0.056	< 0.020	< 0.020	0.081	< 0.020	< 0.020	< 0.020	0.084	< 0.020
Chemical	Ammonia as N			mg/L	NA	0.0151	0.0097	0.0229	0.0118 J	0.0189 J	0.0537 J	NA	NA	NA	NA	NA	NA	NA	0.0185	0.0171	0.0328 J	0.0244 J	0.0252 J	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	< 200	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	< 20.0	< 20.0	6.8 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	10.5	11.6	8.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.87	8.63	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	729	790	690	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	733	619	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	9.3 J	14.7	1.09 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	1.25 J	1.19 J	1.12 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.36 J	2.23 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	817	1010	487	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	443	360	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	296 J	333	293 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	335	265 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	8.85 J	9.89 J	8.09 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.4	9.61 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	0.079 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	3.11 J	3.61 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.06 J	3.19 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	607	732	620	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	670	1210	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	3660	3900	3570	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3180	2830	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	8.09 J	9.19 J	10.9 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.8 J	14.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromoform			ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromomethane			ug/L	< 2	< 2.0	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA
VOCs	Carbon disulfide			ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Chloroethane			ug/L	< 2	< 2.0	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA
VOCs	Chloroform			ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Chloromethane			ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	< 2	< 2.0	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	< 5.0	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA

				Well	W-49	W-49	W-49	W-49	W-49	W-49	W-49	W-49	W-49	W-49	W-49	W-49	W-49	W-50	W-50	W-50	W-50	W-50	W-50	W-50	W-50	W-50	W-50	W-50	W-50
				Date	1/29/2019	10/24/2019	10/24/2019	4/23/2020	10/21/2020	4/19/2021	10/20/2021	4/18/2022	10/19/2022	4/14/2023	10/19/2023	4/15/2024	10/14/2024	1/24/2019	10/15/2019	4/16/2020	10/15/2020	4/12/2021	10/12/2021	4/11/2022	10/11/2022	4/18/2023	10/17/2023	4/9/2024	10/8/2024
				Type	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600 J	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600
VOCs	Toluene	1000		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	Trichlorofluoromethane			ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500 J	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	Xylenes, Total	10000		ug/L	< 1	< 1.0	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 8	< 8.0	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 4	< 4.0	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 8	< 8.0	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	< 4	< 4.0	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 8	< 8.0	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	< 8	< 8.0	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	< 8	< 8.0	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4	< 4.0	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	< 1.0	< 0.98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.96	< 0.94	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	< 4	< 4.0	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	< 0.8	< 0.80	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-52	W-52	W-52	W-52	W-52	W-52	W-52	W-52	W-52
				Date	9/25/2018	10/9/2018	10/28/2018	1/25/2019	10/3/2019	4/9/2020	10/14/2020	4/13/2021	10/13/2021	4/11/2022	10/12/2022	4/12/2023	10/3/2023	4/5/2024	10/7/2024	9/24/2018	10/9/2018	10/28/2018	1/26/2019	10/3/2019	4/9/2020	10/12/2020	4/12/2021	10/13/2021	4/11/2022
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	2.27 #	0.544 #	0.101 #	2.20 #	0 ##	1.28 #	0 ##	NA	NA	NA	NA	NA	NA	NA	NA	0.246 #	0 ##	2.41 #	0.198 #	1.37 #	1.20 #	0.835 #
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	3.49 #	3.56	0.258 #	1.88 #	4.56	3.90 #	2.46 #	NA	NA	NA	NA	NA	NA	NA	NA	2.71 #	1.61 #	2.43 #	4.12	0 ##	1.65 #	5.46
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	NA	NA	NA	5.46 #	0 ##	0 ##	1.67 #	0 ##	0 ##	0 ##	1.14 #	0.559 #	0 ##	0 ##	0 ##	NA	NA	NA	0 ##	0 ##	0 ##	0.0513 #	0 ##	0 ##	0.0567 #
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	0.230 #	0.0146 #	0 ##	NA	0.0240 #	0 ##	0.0408 #	NA	0.0886 #	0.121 #	NA	NA	NA	NA	NA	0.368	0.121 #	0.0567 #	NA	0 ##	0.0358 #	0.522
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	0.0672 #	0.0799 #	0 ##	NA	0.0167 #	0 ##	0 ##	NA	0.132 #	0 #	NA	NA	NA	NA	NA	0.0774 #	0.115	0.00430 #	NA	0 ##	0 ##	0.0139 #
Radiological	Uranium-238			pCi/L	NA	NA	NA	0.123 #	0 ##	0 ##	NA	0.0587 #	0 ##	0 ##	NA	0.205	0.0188 #	NA	NA	NA	NA	NA	0.125 #	0.00124 #	0.00348 #	NA	0 ##	0 ##	0.0610 #
Radiological	Percent Uranium-235			%	NA	NA	NA	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	0 #	NA	NA	NA	NA	NA	0 #	93.5	0 #	NA	0 #	0 #	0 #
Radiological	Uranium-234			ug/L	NA	NA	NA	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	NA	NA	NA	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	0.0737 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	< 0.200	< 0.200	< 0.200	0.0983 J	< 0.200	0.0922 J	0.299
Radiological	Total Uranium Isotopes	30		ug/L	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	0.0737 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	< 0.200	< 0.200	< 0.200	0.0983 J	< 0.200	0.0922 J	0.299
Chemical	Fluoride	4		mg/L	NA	NA	NA	NA	0.215	0.173	0.195	0.191	0.224	0.21	0.19	0.17	0.18	0.22	0.24	NA	NA	NA	NA	1.39	0.992	1.01	0.913	1.54	0.79
Chemical	Nitrate as N	10		mg/L	0.027	NA	0.03	0.023	0.11	0.046	0.043	0.088	0.11	0.079	0.077	0.13	0.069	0.034	0.046	0.67	NA	2.3	2.4	1.3	2	0.82	2.1	0.68	0.49
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	0.256	0.0106	0.305	0.206	0.166	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0212	0.0272	0.0279 J	0.0296 J	0.0301 J	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.32 J	< 20.0	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	57	36.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	59.9	37.2	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	11600	11600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11100	12100	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.41 J	< 10.0	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	3.06 J	4.37 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.28	5.41	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	40100	38900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2400	1050	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	3830	3850	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3740	4030	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	822	971	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	696	490	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	28.2	24.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	122	176	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	2700	1890	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2430	1530	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.27 J	9.93 J	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	< 5.00	1.58 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	8610	6800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30900	15000	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	6.65 J	9.14 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.6 J	10.4 J	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	< 1	NA	< 5	< 1	1.2	1.1	1.5	< 1.0	< 1.0	1.3	< 1.0	0.41 J	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromoform			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromomethane			ug/L	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	2-Butanone			ug/L	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloroethane			ug/L	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	Chloroform			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloromethane			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L	NA	NA	< 5	NA	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	2.6	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L	< 1	NA	< 5	2.7	< 1.0	5.2	< 1.0	< 1.0	< 1.0	3.1	< 1.0	5.6	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	< 5	NA	< 1.0	4	< 1.0	< 1.0	< 1.0	2.3	< 1.0	5.6	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	3.0 J	NA	NA	NA	NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L	< 1	NA	NA	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	< 1	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-51	W-52	W-52	W-52	W-52	W-52	W-52	W-52	W-52	W-52	W-52
					Date	9/25/2018	10/9/2018	10/28/2018	1/25/2019	10/3/2019	4/9/2020	10/14/2020	4/13/2021	10/13/2021	4/11/2022	10/12/2022	4/12/2023	10/3/2023	4/5/2024	10/7/2024	9/24/2018	10/9/2018	10/28/2018	1/26/2019	10/3/2019	4/9/2020	10/12/2020	4/12/2021	10/13/2021	4/11/2022
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L		NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L		< 1	NA	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	NA	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		NA	< 20	13	12	7.4	13	6.8	5.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	3.2	3.5	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L		NA	< 40	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L		NA	< 100	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L		NA	< 40	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L		NA	< 40	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	2-Chloronaphthalene			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2-Chlorophenol			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2-Methylnaphthalene			ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	8.5	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	2-Methylphenol			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2-Nitroaniline			ug/L		NA	< 40	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	2-Nitrophenol			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	3-Nitroaniline			ug/L		NA	< 40	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		NA	< 100	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	4-Chloroaniline			ug/L		NA	< 40	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	4-Methylphenol			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA
SVOCs	4-Nitroaniline			ug/L		NA	< 40	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	4-Nitrophenol			ug/L		NA	< 100	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	Acenaphthene			ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	1.1	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Acenaphthylene			ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Acetophenone			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Anthracene			ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	< 0.8	0.29	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Atrazine	3		ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Benz(a)anthracene			ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzaldehyde			ug/L		NA	< 40	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Caprolactam			ug/L		NA	< 40	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA
SVOCs	Carbazole			ug/L		NA	< 20	4.5	4.9	< 4.0	6.1	4.9	2.2	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	1.7	1.4	NA	NA
SVOCs	Chrysene			ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Dibenzofuran			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	0.84	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Diethyl phthalate			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Dimethyl phthalate			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Fluoranthene			ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Fluorene			ug/L		NA	< 4	< 0.8	1.3	< 0.80	3	0.17	0.28	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	0.28	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Hexachlorobutadiene			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L		NA	< 100	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	Hexachloroethane			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Isophorone			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Naphthalene			ug/L		NA	< 4	< 0.8	3.5	< 0.80	12	0.23	0.76	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Nitrobenzene			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Pentachlorophenol	1		ug/L		NA	< 100	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L		NA	NA	NA	NA	NA	NA	< 1.0	< 0.98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.95	NA	NA
SVOCs	Phenanthrene			ug/L		NA	< 4	1.8	1.8	< 0.80	2.9	0.67	0.49	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Phenol			ug/L		NA	< 20	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Pyrene			ug/L		NA	< 4	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Tributylphosphate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-52	W-52	W-52	W-52	W-52	W-53	W-53	W-53	W-53	W-53	W-53	W-53	W-53	W-53	W-53	W-53	W-53	W-54	W-54	W-54	W-54	W-54
				Date	10/12/2022	4/11/2023	10/3/2023	4/2/2024	10/7/2024	9/24/2018	10/9/2018	10/28/2018	1/26/2019	10/3/2019	4/9/2020	10/12/2020	4/12/2021	10/12/2021	4/8/2022	10/10/2022	4/11/2023	10/3/2023	4/2/2024	10/7/2024	9/24/2018	10/8/2018	10/28/2018	1/26/2019	10/4/2019
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	0.101 #	1.61 #	0 ##	0 ##	0.771 #	2.12 #	0.303 #	NA	NA	NA	NA	NA	NA	NA	NA	0 ##	1.55 #
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0470 #	1.72 #	3.20 #	2.09 #	3.45 #	1.55 #	4.93	NA	NA	NA	NA	NA	NA	NA	NA	3.58 #	1.96 #
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	1.69 #	3.22 #	0.423 #	0 ##	1.14 #	NA	NA	NA	17.5 #	0 ##	0.874 #	0 ##	0 ##	0 ##	0 ##	1.77 #	1.16 #	0 ##	0 ##	0 ##	NA	NA	NA	6.19 #	0 ##
Radiological	Uranium-233/234			pCi/L	NA	0.487	0.164 #	NA	NA	NA	NA	NA	0.376	0.0359 #	0 ##	NA	0.00350 #	0 ##	0 ##	NA	0.104 #	0.0599 #	NA	NA	NA	NA	NA	0.779	0.0685 #
Radiological	Uranium-235/236			pCi/L	NA	0.150 #	0 #	NA	NA	NA	NA	NA	0.175 #	0 ##	0.0382 #	NA	0 ##	0 ##	0 ##	NA	0.0219 #	0.0735 #	NA	NA	NA	NA	NA	0.286	0 ##
Radiological	Uranium-238			pCi/L	NA	0.188 #	0.106 #	NA	NA	NA	NA	NA	0.112 #	0 ##	0 ##	NA	0.0319 #	0 ##	0.126 #	NA	0.256	0.165	NA	NA	NA	NA	NA	0.405	0.0126 #
Radiological	Percent Uranium-235			%	NA	0 #	0 #	NA	NA	NA	NA	NA	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	0 #	NA	NA	NA	NA	NA	9.88	0 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	< 0.0500	< 0.050
Radiological	Uranium-235			ug/L	< 0.0700	0.0107 J	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	< 0.0700	< 0.070
Radiological	Uranium-238			ug/L	0.132 J	0.416	0.0877 J	0.126 J	0.102 J	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.132 J	0.427	0.0877 J	0.126 J	0.102 J	NA	NA	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	NA	NA	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L	0.57	0.87	0.98	0.81	0.86	NA	NA	NA	NA	0.081	0.017	0.092 J	0.0520 J	0.063 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	NA	NA	0.258
Chemical	Nitrate as N	10		mg/L	0.26	0.60	0.79	1.3	1.3	2.1	NA	0.67	0.063	0.57	0.033	0.12	0.070	0.33	0.13	< 0.040	0.094	0.30	0.34	0.040	2.2	NA	2.9	3	2.8
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0397	0.108	0.0457 J	0.0273 J	0.0245 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0037
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.12 J
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	78.2	46.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	61.2
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	15600	11100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11900
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.36 J
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.6	12.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	5620	2640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1190
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	6580	5220	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4910
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	376	540	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.9
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.91 J	37.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	144
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	3570	2120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2590
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.06 J	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.1 J
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	10700	7520	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10900
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.2 J	13.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.15 J
VOCs	Acetone			ug/L	< 20	< 20	NA	NA	NA	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	NA	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	1.1	1.1	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Bromoform			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Bromomethane			ug/L	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0
VOCs	2-Butanone			ug/L	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Chloroethane			ug/L	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0
VOCs	Chloroform			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Chloromethane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Cyclohexane			ug/L	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	33	NA	19	46	< 1.0	5.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	NA	< 5	< 1	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	2-Hexanone			ug/L	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	1.2	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0
VOCs	Methyl acetate			ug/L	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5	NA	< 5.0
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	< 1	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	< 1	NA
VOCs	Styrene	100		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-52	W-52	W-52	W-52	W-52	W-53	W-53	W-53	W-53	W-53	W-53	W-53	W-53	W-53	W-53	W-53	W-53	W-53	W-54	W-54	W-54	W-54	W-54
				Date	10/12/2022	4/11/2023	10/3/2023	4/2/2024	10/7/2024	9/24/2018	10/9/2018	10/28/2018	1/26/2019	10/3/2019	4/9/2020	10/12/2020	4/12/2021	10/12/2021	4/8/2022	10/10/2022	4/11/2023	10/3/2023	4/2/2024	10/7/2024	9/24/2018	10/8/2018	10/28/2018	1/26/2019	10/4/2019
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	2	NA	< 5	4.6	< 1.0	1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1	NA	< 5	< 1	< 1.0
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	NA	< 5	< 1	< 1.0
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	2.1	NA	< 2	2.1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	NA	< 2	< 1	< 1.0
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	4.0	< 4	5.3	2.4	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	4.4	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	1.1	< 0.8	< 0.8	< 0.80	< 0.8	0.37	0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	0.37	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	0.91	0.33	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	4.4	< 4	6.2	2.3	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	1.8	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	1.8	< 0.8	< 0.8	1.0	1.5	2.6	0.95	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	0.20	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	1.9	< 0.8	< 0.8	5.2	4	4.4	1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	0.25	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-54	W-54	W-54	W-54	W-54	W-54	W-54	W-54	W-54	W-54	W-54	W-54	W-55	W-55	W-55	W-55	W-55	W-55	W-55	W-55	W-55	W-55	W-55
				Date	10/4/2019	4/9/2020	10/12/2020	10/12/2020	4/9/2021	10/12/2021	4/8/2022	10/10/2022	4/11/2023	10/3/2023	4/5/2024	10/4/2024	9/24/2018	10/8/2018	10/27/2018	1/26/2019	10/4/2019	4/8/2020	10/12/2020	4/9/2021	10/11/2021	4/8/2022	4/8/2022	10/7/2022	4/4/2023
				Type	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	1.53 #	0.275 #	0.109 #	0 ##	0.357 #	0 ##	0.384 #	NA	NA	NA	NA	NA	NA	NA	NA	466	438	271	331	232	276	221	204	NA	NA
Radiological	Beta particles	50	*	pCi/L	0.741 #	1.60 #	2.30 #	2.70 #	1.63 #	2.06 #	3.98	NA	NA	NA	NA	NA	NA	NA	NA	84.0	77.3	52.9	47.9	35.3	61.1	56.6	45.7	NA	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	1.61 #	0 ##	0 ##	0 ##	NA	NA	NA	0 ##	0 ##	0 ##	0 ##	0.411 #	0.449 #	0.379 #	0.700 #	0.383 #	0 ##
Radiological	Uranium-233/234			pCi/L	0.101 #	0 ##	NA	NA	0 ##	0.199 #	0.0500 #	NA	0.106 #	0.161 #	NA	NA	NA	NA	NA	283	290	197	241	207	182	177	215	NA	NA
Radiological	Uranium-235/236			pCi/L	0.0554	0.0287 #	NA	NA	0.00768 #	0.0718 #	0 ##	NA	0.0804 #	0.113	NA	NA	NA	NA	NA	19.1	16.3	9.43	12.2	9.64	9.38	9.70	9.30	NA	NA
Radiological	Uranium-238			pCi/L	0.0560 #	0 ##	NA	NA	0.0468 #	0.0172 #	0.0478 #	NA	0.107 #	0.123 #	NA	NA	NA	NA	NA	69.4	60.5	39.4	49.4	41.9	34.0	34.1	40.6	NA	NA
Radiological	Percent Uranium-235			%	13.3	0 #	NA	NA	0 #	0 #	0 #	NA	0 #	12.5	NA	NA	NA	NA	NA	4.10	4.01	3.58	3.69	3.45	4.11	4.23	3.44	NA	NA
Radiological	Uranium-234			ug/L	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	0.0459 J	0.052	0.032 J	< 0.0500	0.0320 J	0.0340 J	0.0330 J	0.0340 J	0.0300 J	0.0290 J
Radiological	Uranium-235			ug/L	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	NA	NA	5.6	5.79	3.77	4.9	3.53	3.87	3.99	3.77	3.45	2.99
Radiological	Uranium-238			ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0703 J	< 0.200	< 0.200	< 0.200	NA	NA	NA	172	177	112	150	99.6	117	116	111	103	86.6
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0703 J	< 0.200	< 0.200	< 0.200	NA	NA	NA	178	183	115	155	103	121	120	115	107	89.6
Chemical	Fluoride	4		mg/L	0.26	0.093	0.222	0.209	0.117	0.137	0.31	< 0.10	< 0.10	0.13	0.10	< 0.10	NA	NA	NA	NA	0.062	0.047	0.057 J	0.0300 J	0.048 J	< 0.10	0.61	< 0.10	< 0.100
Chemical	Nitrate as N	10		mg/L	2.8	1.7	2.1	2.2	1.8	2.0	2.4	1.6	1.1	1.2	0.90	1.0	5.1	NA	3.3	3.5	3.7	2	2.4	1.3	1.8	3.5	3.2	1.6	2.17
Chemical	Ammonia as N			mg/L	0.0125	0.0156	0.0178 J	0.0196 J	0.0244 J	0.0214 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0108	0.026	0.0136 J	0.0282 J	0.0148 J	NA	NA	NA	NA
Metals	Aluminum			ug/L	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	61.8	46.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.6	34.6	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	12100	8530	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8400	7700	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	2.48 J	1.71 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.03 J	3.49 J	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	1230	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	38.9 J	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	4970	4050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5170	4010	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	32.1	46.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.76 J	3.52 J	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	127	109	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.3	28.9	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	2610	1870	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2130	1640	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	15.4 J	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.89 J	< 30.0	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	10800	8620	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11400	8700	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	6.82 J	6.07 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.38 J	11.3 J	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 5.00
VOCs	Benzene	5		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Bromoform			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Bromomethane			ug/L	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.00
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.00
VOCs	Carbon disulfide			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.00
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Chloroethane			ug/L	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.00
VOCs	Chloroform			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Chloromethane			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Cyclohexane			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	< 0.019	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	< 0.019	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.00
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	1.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.69 J	< 1.0	0.46 J	1.83	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.00
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Methyl acetate			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.00
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.00
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.00
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.00
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00

				Well	W-54	W-54	W-54	W-54	W-54	W-54	W-54	W-54	W-54	W-54	W-54	W-54	W-54	W-55	W-55	W-55	W-55	W-55	W-55	W-55	W-55	W-55	W-55	W-55	W-55
				Date	10/4/2019	4/9/2020	10/12/2020	10/12/2020	4/9/2021	10/12/2021	4/8/2022	10/10/2022	4/11/2023	10/3/2023	4/5/2024	10/4/2024	9/24/2018	10/8/2018	10/27/2018	1/26/2019	10/4/2019	4/8/2020	10/12/2020	4/9/2021	10/11/2021	4/8/2022	4/8/2022	10/7/2022	4/4/2023
				Type	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.44 J	< 1.0	0.60 J	< 0.600	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Toluene	1000		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.00
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.42 J	< 0.500	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	NA	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.00
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 8.0	< 8	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 4.0	< 4	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 8.0	< 8	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	< 4.0	< 4	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	< 8.0	< 8	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	< 8.0	< 8	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	< 0.80	< 0.8	0.35	0.35	0.33	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	< 1.0	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.93	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-55	W-55	W-55	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-57	W-57	W-57	W-57	W-57
				Date	10/12/2023	4/9/2024	10/22/2024	9/25/2018	10/8/2018	10/27/2018	1/26/2019	10/4/2019	4/7/2020	10/8/2020	4/9/2021	10/11/2021	4/7/2022	10/7/2022	4/4/2023	10/12/2023	2/13/2024	4/9/2024	7/2/2024	10/22/2024	9/25/2018	10/8/2018	10/27/2018	1/27/2019	10/3/2019
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	NA	NA	NA	257	264	60.9	190	102	309	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.89 #	0.202 #
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	NA	NA	NA	57.1	54.5	10.1	38.7	19.5	72.3	86.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.46 #	3.09 #
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0.0992 #	0.0996 #	0 ##	NA	NA	NA	12.7 #	0 ##	0 ##	0 ##	0 ##	0.222 #	0 ##	1.08 #	1.20 #	2.13 #	NA	0.998 #	NA	0 ##	NA	NA	NA	0 ##	0 ##
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	NA	NA	NA	176	192	47.7	162	84.5	231	302	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.570	0 ##
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	NA	NA	NA	12.1	9.18	2.29	8.10	3.90	12.2	15.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.212 #	0 #
Radiological	Uranium-238			pCi/L	NA	NA	NA	NA	NA	NA	43.7	37.9	9.79	34.1	17.9	49.0	62.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.304	0.0165 #
Radiological	Percent Uranium-235			%	NA	NA	NA	NA	NA	NA	4.12	3.63	3.50	3.56	3.28	3.72	3.57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0 #	0 #
Radiological	Uranium-234			ug/L	0.0250 J	0.0160 J	0.0240 J	NA	NA	NA	0.0343 J	0.034 J	< 0.0500	< 0.0500	0.0140 J	0.0410 J	0.0520	0.0780	0.138	0.177	0.136	0.0760	0.131	0.166	NA	NA	NA	< 0.0500	< 0.050
Radiological	Uranium-235			ug/L	2.50	1.98	2.49	NA	NA	NA	4.05	4.19	0.98	3.08	1.38	4.44	5.80	9.10	14.0	18.2	14.3	9.84	16.6	17.3	NA	NA	NA	< 0.0700	< 0.070
Radiological	Uranium-238			ug/L	71.4	59.1	75.4	NA	NA	NA	128	130	30	97.4	40.0	139	173	282	432	534	449	292	494	531	NA	NA	NA	0.247	0.207
Radiological	Total Uranium Isotopes	30		ug/L	73.9	61.1	77.9	NA	NA	NA	132	134	31	100	41.4	143	178	291	446	552	463	302	510	549	NA	NA	NA	0.247	0.207
Chemical	Fluoride	4		mg/L	< 0.10	0.0826 J	< 0.100	NA	NA	NA	NA	0.257	0.241	0.309	0.298	0.297	0.33	0.33	0.305	0.35	NA	0.355	NA	0.360	NA	NA	NA	NA	0.057
Chemical	Nitrate as N	10		mg/L	1.5	1.54	1.49	6.5	NA	6.5	4.1	4.2	2.8	4.4	2.6	3.0	3.5	2.3	1.88	2.4	NA	1.99	NA	2.29	6.2	NA	6.6	5.7	4.6
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	NA	0.009	0.011	0.0905 J	0.0244 J	0.0763 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0155
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	7.39 J	3.8 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.3 J
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	57.1	53.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	73.4
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	11300	8730	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10600
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	4.16 J	2.24 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.38 J
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	< 100	35.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.6 J
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	5.65 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	5480	4060	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5240
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	7.66 J	6.95 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.9
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	4.73 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.6
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	2710	2040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2740
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	8.58 J	9.37 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.1 J
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.08 J
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	14000	9910	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12300
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	6.45 J	8.45 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.15 J
VOCs	Acetone			ug/L	NA	3.72 J	NA	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 5.00	NA	NA	5.29	NA	NA	< 20	NA	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Bromodichloromethane			ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Bromoform			ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Bromomethane			ug/L	NA	< 1.00	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.00	NA	NA	< 1.00	NA	NA	< 2	NA	< 5	< 2	< 2.0
VOCs	2-Butanone			ug/L	NA	< 5.00	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.00	NA	NA	< 5.00	NA	NA	< 10	NA	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	NA	< 5.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.00	NA	NA	< 5.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Carbon tetrachloride	5		ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Chlorobenzene	100		ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Chloroethane			ug/L	NA	< 1.00	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.00	NA	NA	< 1.00	NA	NA	< 2	NA	< 5	< 2	< 2.0
VOCs	Chloroform			ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	1.2	NA	< 5	< 1	< 1.0
VOCs	Chloromethane			ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Cyclohexane			ug/L	NA	< 1.00	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	NA	NA	< 5	NA	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,1-Dichloroethane			ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	NA	< 1.00	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.00	NA	NA	< 1.00	NA	NA	< 2	NA	< 5	< 2	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.00	< 1.00	< 1	NA	< 5	< 1	< 1.0	1.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 1.0	NA	< 1.00	NA	< 1.00	< 1	NA	< 5	< 1	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Ethylbenzene	700		ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	2-Hexanone			ug/L	NA	< 5.00	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.00	NA	NA	< 5.00	NA	NA	< 10	NA	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	< 1.00	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	NA	NA	< 5	NA	< 1.0
VOCs	Methyl acetate			ug/L	NA	< 5.00	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.00	NA	NA	< 5.00	NA	NA	NA	NA	< 5	NA	< 1.0
VOCs	Methyl tert-butyl ether			ug/L	NA	< 1.00	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	NA	NA	< 5	NA	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	NA	< 5.00	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.00	NA	NA	< 5.00	NA	NA	< 10	NA	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	NA	< 1.00	NA	NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.00	NA	NA	< 1.00	NA	NA	NA	NA	< 5	NA	< 5.0
VOCs	Methylene chloride	5		ug/L	NA	2.11	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.00	NA	NA	2.53	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	< 1	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	< 1	NA
VOCs	Styrene	100		ug/L	NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-55	W-55	W-55	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-56	W-57	W-57	W-57	W-57	W-57
					Date	10/12/2023	4/9/2024	10/22/2024	9/25/2018	10/8/2018	10/27/2018	1/26/2019	10/4/2019	4/7/2020	10/8/2020	4/9/2021	10/11/2021	4/7/2022	10/7/2022	4/4/2023	10/12/2023	2/13/2024	4/9/2024	7/2/2024	10/22/2024	9/25/2018	10/8/2018	10/27/2018	1/27/2019	10/3/2019
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L		NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Tetrachloroethene	5		ug/L		< 1.0	< 1.00	< 1.00	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 1.0	NA	< 1.00	NA	< 1.00	< 1	NA	< 5	< 1	< 1.0
VOCs	Toluene	1000		ug/L		NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		NA	< 5.00	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.00	NA	NA	< 5.00	NA	NA	NA	NA	< 5	NA	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L		NA	< 1.00	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	NA	NA	< 5	NA	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L		NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L		NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Trichloroethene	5		ug/L		< 1.0	< 1.00	< 1.00	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 1.0	NA	< 1.00	NA	< 1.00	< 1	NA	< 5	< 1	< 1.0
VOCs	Trichlorofluoromethane			ug/L		NA	< 1.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	NA	NA	< 1.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Vinyl chloride	2		ug/L		< 1.0	< 1.00	< 1.00	< 1	NA	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.00	< 1.0	NA	< 1.00	NA	< 1.00	< 1	NA	< 2	< 1	< 1.0
VOCs	Xylenes, Total	10000		ug/L		NA	< 3.00	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 3.00	NA	NA	< 3.00	NA	NA	< 1	NA	< 5	< 1	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	2,4,5-Trichlorophenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	2,4,6-Trichlorophenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	2,4-Dichlorophenol			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0
SVOCs	2,4-Dimethylphenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	2,4-Dinitrophenol			ug/L		NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20
SVOCs	2,4-Dinitrotoluene			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0
SVOCs	2,6-Dinitrotoluene			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0
SVOCs	2-Chloronaphthalene			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	2-Chlorophenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	2-Methylnaphthalene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	2-Methylphenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	2-Nitroaniline			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0
SVOCs	2-Nitrophenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	3,3'-Dichlorobenzidine			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	3-Nitroaniline			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20
SVOCs	4-Bromophenyl phenyl ether			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	4-Chloro-3-methylphenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	4-Chloroaniline			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0
SVOCs	4-Chlorophenyl phenyl ether			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	4-Methylphenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	4-Nitroaniline			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0
SVOCs	4-Nitrophenol			ug/L		NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20
SVOCs	Acenaphthene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Acenaphthylene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Acetophenone			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Anthracene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Atrazine	3		ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Benz(a)anthracene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Benzaldehyde			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0
SVOCs	Benzo(a)pyrene	0.2		ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Benzo(b)fluoranthene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Benzo(g,h,i)perylene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Benzo(k)fluoranthene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Bis(2-chloroethoxy)methane			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Bis(2-chloroethyl)ether			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Butyl benzyl phthalate			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Caprolactam			ug/L		NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0
SVOCs	Carbazole			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Chrysene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Di-n-butyl phthalate			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Di-n-octyl phthalate			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Dibenz(a,h)anthracene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Dibenzofuran			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Diethyl phthalate			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Dimethyl phthalate			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Fluoranthene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Fluorene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Hexachlorobenzene	1		ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Hexachlorobutadiene			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Hexachlorocyclopentadiene	50		ug/L		NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20
SVOCs	Hexachloroethane			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Isophorone			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	N-Nitrosodi-n-propylamine			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	N-Nitrosodiphenylamine			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Naphthalene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Nitrobenzene			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Pentachlorophenol	1		ug/L		NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20
SVOCs	Pentachlorophenol (SIM)	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Phenol			ug/L		NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0
SVOCs	Pyrene			ug/L		NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80
SVOCs	Tributylphosphate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-57	W-57	W-57	W-57	W-57	W-57	W-57	W-57	W-57	W-57	W-58	W-58	W-58	W-58	W-58	W-58	W-58	W-58	W-58	W-58	W-58	W-58	W-58
					Date	4/7/2020	10/8/2020	4/8/2021	10/7/2021	4/7/2022	10/7/2022	4/11/2023	10/6/2023	4/4/2024	10/4/2024	9/25/2018	10/8/2018	10/27/2018	1/27/2019	10/4/2019	4/7/2020	10/8/2020	4/8/2021	10/11/2021	4/7/2022	10/7/2022	4/6/2023	10/6/2023	4/4/2024	10/4/2024
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		8.21	1.65 #	0 ##	0.771 #	2.17 #	NA	NA	NA	NA	NA	NA	NA	NA	7.03	4.21	2.39 #	2.38 #	0.823 #	4.22	1.76 #	NA	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L		5.21	1.54 #	3.27 #	1.93 #	0.416 #	NA	NA	NA	NA	NA	NA	NA	NA	5.66	2.43 #	1.85 #	3.30 #	2.07 #	2.33 #	0.510 #	NA	NA	NA	NA	NA
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		0 ##	0 ##	0 ##	15.0	0 ##	0.260 #	1.91 #	0.0147 #	0 ##	0 ##	NA	NA	NA	18.7 #	0 ##	0 ##	0 ##	0 ##	0.985 #	0 ##	0.423 #	0.977 #	0.586 #	0 ##	0 ##
Radiological	Uranium-233/234			pCi/L		0.00106 #	NA	0.0633 #	0.180 #	0.0102 #	NA	4.63	NA	NA	NA	NA	NA	NA	3.04	2.10	1.62	NA	1.38	1.40	0.910	NA	1.25	NA	NA	NA
Radiological	Uranium-235/236			pCi/L		0.0293 #	NA	0.0285 #	0.0640 #	0 ##	NA	0.0693 #	NA	NA	NA	NA	NA	NA	0.500	0.104 #	0 ##	NA	0.0251 #	0.121 #	0.00966 #	NA	0.0841 #	NA	NA	NA
Radiological	Uranium-238			pCi/L		0 ##	NA	0 ##	0.0235 #	0.0646 #	NA	0.989	NA	NA	NA	NA	NA	NA	1.17	0.331 #	0.399	NA	0.208 #	0.128 #	0.182	NA	0.337	NA	NA	NA
Radiological	Percent Uranium-235			%		0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA	NA	6.24	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA
Radiological	Uranium-234			ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	NA	NA	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	0.0106 J	NA	NA	NA	0.0444 J	0.049 J	0.0326 J	0.0346 J	0.0244 J	0.0319 J	0.0232 J	0.0263 J	0.0199 J	0.0182 J	0.0155 J	0.0235 J
Radiological	Uranium-238			ug/L		< 0.200	0.0758 J	< 0.200	0.0988 J	0.0809 J	0.319	0.0697 J	< 0.200	0.210	0.342	NA	NA	NA	1.51	1.67	1.02	1.05	0.741	0.966	0.775	0.819	0.654	0.482	0.511	0.584
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	0.0758 J	< 0.200	0.0988 J	0.0809 J	0.319	0.0697 J	< 0.200	0.210	0.353	NA	NA	NA	1.55	1.72	1.05	1.08	0.765	0.998	0.798	0.845	0.674	0.500	0.527	0.608
Chemical	Fluoride	4		mg/L		0.073	0.09 J	0.0680 J	0.107	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	NA	NA	0.18	0.099	0.105	0.0910 J	0.083 J	0.10	0.17	< 0.10	0.12	0.11	< 0.10
Chemical	Nitrate as N	10		mg/L		3.5	3.3	2.3	2.5	1.8	1.6	1.8	1.4	1.6	2.4	17	NA	16	11	9.7	4.3	5.3	3.9	2.2	5.5	210	7.2	5.8	5.6	11
Chemical	Ammonia as N			mg/L		0.0155	0.0227 J	0.0383 J	0.0298 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.6	6.28	7.76	5.51	3.51	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L		< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		7.28 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.38 J	6.64 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		53.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	167	108	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		9480	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17500	16000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		3.48 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	1.05 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		4440	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6050	5450	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		6.23 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	208	265	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		36.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	96.7	135	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		2080	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4300	2730	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		11.9 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.88 J	7.68 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		9700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18600	14300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.04 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		11 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.83 J	11.9 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA
VOCs	Benzene	5		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromodichloromethane			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromoform			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromomethane			ug/L		< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA
VOCs	2-Butanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA
VOCs	Carbon disulfide			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Chloroethane			ug/L		< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA
VOCs	Chloroform			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Chloromethane			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Cyclohexane			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L		< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L		1.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.91	< 1	NA	< 5	< 1	1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.19
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	2-Hexanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl acetate			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA
VOCs	Methylcyclohexane			ug/L		< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA
VOCs	Methylene chloride	5		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA

				Well	W-57	W-57	W-57	W-57	W-57	W-57	W-57	W-57	W-57	W-57	W-58	W-58	W-58	W-58	W-58	W-58	W-58	W-58	W-58	W-58	W-58	W-58	W-58	W-58
				Date	4/7/2020	10/8/2020	4/8/2021	10/7/2021	4/7/2022	10/7/2022	4/11/2023	10/6/2023	4/4/2024	10/4/2024	9/25/2018	10/8/2018	10/27/2018	1/27/2019	10/4/2019	4/7/2020	10/8/2020	4/8/2021	10/11/2021	4/7/2022	10/7/2022	4/6/2023	10/6/2023	4/4/2024	10/4/2024
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.53 J	< 1.0	0.58 J	< 0.600	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.61 J	< 1.0	0.51 J	< 0.600
VOCs	Toluene	1000		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.40 J	< 0.500	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.41 J	< 0.500
VOCs	Trichlorofluoromethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.249 J	< 1	NA	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.406 J
VOCs	Xylenes, Total	10000		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.93	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-60	W-60	W-60	W-60	W-60	W-60	W-60	W-60	W-60
					Date	9/25/2018	10/8/2018	10/27/2018	1/27/2019	10/5/2019	4/7/2020	10/9/2020	4/9/2021	10/11/2021	4/6/2022	10/7/2022	1/5/2023	4/4/2023	10/10/2023	4/9/2024	10/22/2024	10/30/2018	1/17/2019	10/17/2019	4/10/2020	10/15/2020	4/14/2021	10/15/2021	4/13/2022	10/14/2022
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		NA	NA	NA	80.7	44.4	25.3	22.2	17.0	17.7	7.96	NA	NA	NA	NA	NA	NA	0.958 #	0.432 #	0.200 #	0.543 #	0.626 #	2.07 #	0.303 #	3.03 #	NA
Radiological	Beta particles	50	*	pCi/L		NA	NA	NA	16.8	17.4	9.33	13.4	6.84	10.3	7.40	NA	NA	NA	NA	NA	NA	0.923 #	0 ##	1.38 #	3.08 #	3.19 #	7.69	2.00 #	1.16 #	NA
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		NA	NA	NA	6.21 #	13.0 #	7.86	7.00	6.86	7.63	0.310 #	5.68	NA	17.3	20.5	11.4	10.8	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	1.43 #	0 ##	1.52 #
Radiological	Uranium-233/234			pCi/L		NA	NA	NA	42.7	38.0	20.1	15.2	10.7	13.0	6.52	NA	NA	NA	NA	NA	NA	0.250 #	0.409	0.0248 #	0 ##	NA	0 ##	0.0239 #	0 ##	NA
Radiological	Uranium-235/236			pCi/L		NA	NA	NA	3.19	2.02	0.927	0.869	0.490	0.590	0.406	NA	NA	NA	NA	NA	NA	0 #	0.290	0.0418 #	0 ##	NA	0 ##	0.0858 #	0.0343 #	NA
Radiological	Uranium-238			pCi/L		NA	NA	NA	10.1	8.26	4.58	3.61	2.02	2.67	1.47	NA	NA	NA	NA	NA	NA	0.0591 #	0.452	0.00356 #	0 ##	NA	0 ##	0 ##	0.0699 #	NA
Radiological	Percent Uranium-235			%		NA	NA	NA	4.68	3.66	3.05	3.60	3.63	3.32	4.10	NA	NA	NA	NA	NA	NA	0 #	9.05	0 #	0 #	NA	0 #	0 #	0 #	NA
Radiological	Uranium-234			ug/L		NA	NA	NA	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		NA	NA	NA	0.856	0.659	0.379	0.316	0.200	0.286	0.125	0.121	NA	0.195	0.220	0.139	0.140	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L		NA	NA	NA	28.4	21.6	12.4	9.88	6.57	9.66	3.99	3.89	NA	6.30	6.93	4.42	4.56	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L		NA	NA	NA	29.2	22.2	12.8	10.2	6.77	9.95	4.12	4.02	NA	6.49	7.15	4.56	4.70	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0	< 0.200
Chemical	Fluoride	4		mg/L		NA	NA	NA	NA	4.18	2.9	3.95	2.86	2.9	1.8	NA	1.5	1.33	2.9	1.87	2.63	NA	NA	0.034	0.024	< 0.1	0.0160 J	0.027 J	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L		26	NA	21	21	14	20	17	13	20	14	27	NA	77.4	80	34.6	39.8	0.11	0.02	0.035	< 0.02	0.078	< 0.020	0.055	< 0.020	0.19
Chemical	Ammonia as N			mg/L		NA	NA	NA	NA	12.3	8.82	12	7.05	7.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0251	0.128	0.0307 J	0.0259 J	0.0307 J	NA	NA
Metals	Aluminum			ug/L		NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	NA	NA	4.22 J	4.05 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	NA	NA	210	270	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	121	118	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	NA	NA	16400	20400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6900	6840	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	NA	NA	< 10.0	1.27 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.82 J	1.44 J	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3810	4350	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	NA	NA	< 20.0	4.41 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.41 J	< 20.0	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	NA	NA	6590	7400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2210	1930	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	NA	NA	62.8	134	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	76.8	72.5	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	NA	NA	10.3	8.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	NA	NA	6120	4850	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2400	2310	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	NA	NA	8.65 J	7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	7.06 J	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	NA	NA	1.08 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	NA	NA	41800	33400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7130	6690	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	NA	NA	6.31	3.12 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	NA	NA	7.86 J	9.85 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.33 J	7.19 J	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	< 5.00	NA	5.77	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromoform			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromomethane			ug/L		< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	2-Butanone			ug/L		< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 5.00	NA	< 5.00	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 5.00	NA	< 5.00	NA	9.4	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloroethane			ug/L		< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	Chloroform			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloromethane			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L		NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L		< 2	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	< 1.0	< 1.00	< 1.00	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L		< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 5.00	NA	< 5.00	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L		NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L		NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 5.00	NA	< 5.00	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L		NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L		< 10	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 5.00	NA	< 5.00	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L		NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 1.00	NA	< 1.00	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 2.00	NA	2.39	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L		< 1	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-59	W-60	W-60	W-60	W-60	W-60	W-60	W-60	W-60	W-60	W-60
					Date	9/25/2018	10/8/2018	10/27/2018	1/27/2019	10/5/2019	4/7/2020	10/9/2020	4/9/2021	10/11/2021	4/6/2022	10/7/2022	1/5/2023	4/4/2023	10/10/2023	4/9/2024	10/22/2024	10/30/2018	1/17/2019	10/17/2019	4/10/2020	10/15/2020	4/14/2021	10/15/2021	4/13/2022	10/14/2022
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.480 J	0.43 J	< 1.00	< 1.00	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 5.00	NA	< 5.00	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L		NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	< 1.0	< 1.00	< 1.00	< 5	< 1	< 1.0	< 1	1	< 1.0	< 1.0	< 1.0	0.76 J
VOCs	Trichlorofluoromethane			ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L		< 1	NA	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	< 1.0	< 1.00	< 1.00	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L		< 1	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 3.00	NA	< 3.00	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L		NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L		NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L		NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L		NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	2-Methylphenol			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L		NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L		NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L		NA	< 8	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	4-Methylphenol			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L		NA	< 8	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L		NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA
SVOCs	Acenaphthene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Acenaphthylene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Acetophenone			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Anthracene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Atrazine	3		ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Benzaldehyde			ug/L		NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Caprolactam			ug/L		NA	< 8	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA
SVOCs	Carbazole			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Chrysene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Dibenzofuran			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA
SVOCs	Fluoranthene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Fluorene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L		NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA
SVOCs	Hexachloroethane			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Isophorone			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Naphthalene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Nitrobenzene			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L		NA	< 20	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L		NA	NA	NA	NA	NA	NA	< 1.0	< 0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.97	< 0.97	NA	NA	NA
SVOCs	Phenanthrene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Phenol			ug/L		NA	< 4	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA
SVOCs	Pyrene			ug/L		NA	< 0.8	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA
SVOCs	Tributylphosphate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-60	W-60	W-60	W-60	W-61	W-61	W-61	W-61	W-61	W-61	W-61	W-61	W-61	W-61	W-62	W-62	W-62	W-62	W-62	W-62	W-62	W-62
					Date	4/10/2023	10/4/2023	4/12/2024	10/11/2024	10/30/2018	1/17/2019	10/17/2019	4/10/2020	10/15/2020	4/14/2021	10/15/2021	4/13/2022	10/14/2022	4/10/2023	10/4/2023	4/10/2024	10/11/2024	11/1/2018	1/18/2019	10/22/2019	4/17/2020	10/20/2020	4/19/2021	10/19/2021	4/18/2022
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		NA	NA	NA	NA	3.28 #	0 ##	1.31 #	0.373 #	2.25 #	0.0623 #	2.43 #	0.578 #	NA	NA	NA	NA	NA	2.51 #	2.98 #	0 ##	1.40 #	1.06 #	1.05 #	1.08 #	0.321 #
Radiological	Beta particles	50	*	pCi/L		NA	NA	NA	NA	3.82	5.01	0.862 #	6.86	1.66 #	3.91 #	4.11 #	5.83	NA	NA	NA	NA	NA	2.26 #	3.27 #	4.85	0 ##	0.873 #	2.23 #	0.941 #	6.08
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		3.28 #	0.123 #	0 ##	0 ##	0 ##	2.09 #	0 ##	0 ##	1.67 #	0 ##	0 ##	0.387 #	1.49 #	4.02 #	0 ##	0.108 #	0 ##	0 ##	0 ##	0 ##	0.361 #	0 ##	0 ##	0 ##	1.56 #
Radiological	Uranium-233/234			pCi/L		0 ##	0.0772 #	NA	NA	0.282 #	0.557	0 ##	0.0228 #	NA	0 ##	0 ##	0.288	NA	0.116 #	0.0820 #	NA	NA	0.138 #	0.237 #	0.0178 #	0.0392 #	NA	0 ##	0 ##	0.121 #
Radiological	Uranium-235/236			pCi/L		0.0543 #	0.0220 #	NA	NA	0.130 #	0.359	0.0596 #	0 ##	NA	0.0564 #	0 #	0.0828 #	NA	0.142 #	0.0923 #	NA	NA	0.288 #	0.283 #	0.0998 #	0 ##	NA	0 ##	0 ##	0.0140 #
Radiological	Uranium-238			pCi/L		0.0444 #	0.0534 #	NA	NA	0.0335 #	0.365	0.0254 #	0.00788 #	NA	0 ##	0.0180 #	0.220	NA	0.138 #	0.0746 #	NA	NA	0.00169 #	0.205 #	0.142 #	0 ##	NA	0 ##	0 ##	0.142 #
Radiological	Percent Uranium-235			%		0 #	0 #	NA	NA	0 #	13.2	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	0 #	NA	NA	0 #	0 #	0 #	0 #	NA	0 #	0 #	0 #
Radiological	Uranium-234			ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0833 J	< 0.200	0.0959 J	0.0878 J	0.0843 J	0.0831 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0	< 0.200	0.0833 J	< 0.200	0.0959 J	0.0878 J	0.0843 J	0.0831 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L		< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	0.036	0.041	0.038 J	0.0160 J	0.024 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	0.019	0.001	0.008 J	0.0130 J	0.019 J	0.28
Chemical	Nitrate as N	10		mg/L		0.060	0.15	0.11	0.12	0.051	0.48	2.5	1.4	2.5	2.5	3.3	2.4	3.0	2.0	2.3	2.1	2.3	3.6	3.9	4.0	4.3	4.2	3.9	4.1	3.9
Chemical	Ammonia as N			mg/L		NA	NA	NA	NA	NA	NA	0.0274	0.055	0.0259 J	0.0176 J	0.0193 J	NA	NA	NA	NA	NA	NA	NA	NA	0.0162	0.0127	0.0197 J	0.0273 J	0.0185 J	NA
Metals	Aluminum			ug/L		NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	NA	NA	NA	NA	5.44 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	NA	NA	NA	NA	216	189	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.7	82.6	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	NA	NA	NA	NA	10400	11800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4420	4780	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	NA	NA	NA	NA	5.12	2.43 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	NA	NA	NA	NA	150	1490	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	NA	NA	NA	NA	5.14 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	NA	NA	NA	NA	3310	2850	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1660	1770	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	NA	NA	NA	NA	330	316	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.32 J	3.17 J	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	0.081 J	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	NA	NA	NA	NA	4.81 J	5.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.04 J	2.4 J	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	NA	NA	NA	NA	3850	3070	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1630	1710	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	NA	NA	NA	NA	1.75 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	NA	NA	NA	NA	4000	3910	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6540	6730	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	NA	NA	NA	NA	6.41 J	10.2 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.66 J	9.07 J	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromoform			ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromomethane			ug/L		< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	2-Butanone			ug/L		< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloroethane			ug/L		< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	Chloroform			ug/L		< 1.0	NA	NA	NA	5.2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloromethane			ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L		< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L		< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1.0	< 1.0	< 1.0	< 0.500	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L		< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L		< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L		< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L		< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L		< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L		< 5.0	NA	NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L		NA	NA	NA	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-60	W-60	W-60	W-60	W-61	W-61	W-61	W-61	W-61	W-61	W-61	W-61	W-61	W-61	W-61	W-61	W-62	W-62	W-62	W-62	W-62	W-62	W-62	W-62
				Date	4/10/2023	10/4/2023	4/12/2024	10/11/2024	10/30/2018	1/17/2019	10/17/2019	4/10/2020	10/15/2020	4/14/2021	10/15/2021	4/13/2022	10/14/2022	4/10/2023	10/4/2023	4/10/2024	10/11/2024	11/1/2018	1/18/2019	10/22/2019	4/17/2020	10/20/2020	4/19/2021	10/19/2021	4/18/2022
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L	0.41 J	< 1.0	< 1.0	0.340 J	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.74 J	< 0.600	48	51	42	45	30	34	28	40
VOCs	Toluene	1000		ug/L	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L	1.0	0.80 J	0.90 J	0.893 J	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	1.9	1.9	< 1.0	1	1.2	1.1	< 1.0	1.1
VOCs	Trichlorofluoromethane			ug/L	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 0.500 J	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500 J	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 0.98	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.99	< 0.98	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-62	W-62	W-62	W-62	W-62	W-62	W-63	W-63	W-63	W-63	W-63	W-63	W-63	W-63	W-63	W-63	W-63	W-64	W-64	W-64	W-64	W-64	W-64
					Date	4/18/2022	10/17/2022	4/17/2023	10/17/2023	4/11/2024	10/10/2024	10/31/2018	1/17/2019	10/21/2019	4/21/2020	10/20/2020	4/16/2021	10/19/2021	4/15/2022	10/13/2022	4/18/2023	10/12/2023	4/15/2024	10/14/2024	11/1/2018	1/18/2019	10/17/2019	4/20/2020	10/16/2020	4/15/2021
					Type	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		1.13 #	NA	NA	NA	NA	NA	1.97 #	3.49 #	1.22 #	2.89 #	0.757 #	1.08 #	2.07 #	1.18 #	NA	NA	NA	NA	NA	1.91 #	3.89 #	4.11 #	5.82	1.02 #	0.887 #
Radiological	Beta particles	50	*	pCi/L		0.144 #	NA	NA	NA	NA	NA	5.84	2.48 #	3.32 #	9.10	5.98	10.3	14.2	9.70	NA	NA	NA	NA	NA	76.3	88.5	70.3	0.969 #	46.4	42.1
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		1.24 #	1.47 #	0.314 #	0.131 #	0 ##	0 ##	16.3 #	0 ##	0 ##	3.26 #	8.28	9.63	13.6	17.4	16.9	21.9	20.3	23.3	21.4	74.7	118	81.9	0 ##	78.5	84.0
Radiological	Uranium-233/234			pCi/L		0.0564 #	NA	0 ##	NA	NA	NA	0.755	0.669	0.266 #	0.613	NA	1.10	0.573	0.0412 #	NA	0.910	NA	NA	NA	0.176 #	0.516	0.0871 #	0.616	NA	0.0187 #
Radiological	Uranium-235/236			pCi/L		0 ##	NA	0 ##	NA	NA	NA	0.0837 #	0.148 #	0.0677 #	0.0539 #	NA	0.0746 #	0.0151 #	0.0347 #	NA	0.158	NA	NA	NA	0.0677 #	0.261	0.0256 #	0.0329 #	NA	0 ##
Radiological	Uranium-238			pCi/L		0.174	NA	0 ##	NA	NA	NA	0.669	1.02	0.264 #	0.323	NA	0.230 #	0.578	0.0192 #	NA	0.715	NA	NA	NA	0.0908 #	0.211	0.0239 #	0.226	NA	0.0324 #
Radiological	Percent Uranium-235			%		0 #	NA	0 #	NA	NA	NA	0 #	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	3.32	NA	NA	NA	0 #	16.1	0 #	0 #	NA	0 #
Radiological	Uranium-234			ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	0.0101 J	0.0121 J	0.0108 J	0.0107 J	0.0186 J	0.0101 J	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L		0.0981 J	< 0.200	< 0.200	0.126 J	< 0.200	< 0.200	1.02	0.891	0.123 J	0.686	1.07	1.35	1.54	1.71	1.46	1.45	1.77	1.20	1.23	0.14 J	< 0.200	< 0.200	0.28	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L		0.0981 J	< 0.200	< 0.200	0.126 J	< 0.200	< 0.200	1.02	0.891	0.123 J	0.686	1.07	1.35	1.55	1.72	1.47	1.46	1.79	1.21	1.23	0.14 J	< 0.200	< 0.200	0.28	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	0.259	0.191	0.078 J	0.108	0.071 J	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	4.27	4.1	4.17	4.10
Chemical	Nitrate as N	10		mg/L		5.2	3.8	2.9	3.6	3.4	3.2	0.86	0.16	0.34	0.43	1.9	2.3	4.1	3.9	5.4	5.9	7.1	6.2	6.5	49	61	42	40	42	34
Chemical	Ammonia as N			mg/L		NA	NA	NA	NA	NA	NA	NA	NA	0.023	0.0674	0.0334 J	0.0431 J	0.0192 J	NA	NA	NA	NA	NA	NA	NA	NA	16	16.1	14.1	9.96
Metals	Aluminum			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	785	< 200	NA	NA
Metals	Antimony	6		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.91 J	< 20.0	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.4 J	< 30.0	NA	NA
Metals	Barium	2000		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	70.9	95.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	394	23.7	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.35 J	< 5.00	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA
Metals	Calcium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	12600	20600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22900	5020	NA	NA
Metals	Chromium	100		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.14 J	< 10.0	NA	NA
Metals	Cobalt			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.1	1.6 J	NA	NA
Metals	Copper	1300		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA
Metals	Iron			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	3440	1890	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	24700	NA	NA
Metals	Lead	15		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.51 J	< 20.0	NA	NA
Metals	Magnesium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	1770	2080	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9060	1890	NA	NA
Metals	Manganese			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	259	225	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	662	158	NA	NA
Metals	Mercury	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA
Metals	Nickel			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.94 J	75	NA	NA
Metals	Potassium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	5280	7140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8640	1030	NA	NA
Metals	Selenium	50		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA
Metals	Silver			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.5 J	< 5.00	NA	NA
Metals	Sodium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	73900	57800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49100	8070	NA	NA
Metals	Thallium	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA
Metals	Vanadium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.35 J	< 5.00	NA	NA
Metals	Zinc			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	4.57 J	6.95 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	8.74 J	NA	NA
VOCs	Acetone			ug/L		< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Bromoform			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Bromomethane			ug/L		< 2.0	< 2.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0
VOCs	2-Butanone			ug/L		< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L		< 1.0	NA	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Chloroethane			ug/L		< 2.0	< 1.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0
VOCs	Chloroform			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Chloromethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L		< 1.0	NA	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1.0	< 2.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.097	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019
VOCs	Dibromochloromethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1.0	NA	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.097	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L		< 2.0	< 1.0	< 2.0	NA	NA	NA	< 5	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L		< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L		< 1.0	NA	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L		< 1.0	NA	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L		< 5.0	NA	< 5.0	NA	NA	NA	< 5	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L		< 1.0	< 5.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L		NA	< 1.0	NA	NA	NA	NA	NA	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-62	W-62	W-62	W-62	W-62	W-62	W-63	W-63	W-63	W-63	W-63	W-63	W-63	W-63	W-63	W-63	W-63	W-64	W-64	W-64	W-64	W-64	W-64
					Date	4/18/2022	10/17/2022	4/17/2023	10/17/2023	4/11/2024	10/10/2024	10/31/2018	1/17/2019	10/21/2019	4/21/2020	10/20/2020	4/16/2021	10/19/2021	4/15/2022	10/13/2022	4/18/2023	10/12/2023	4/15/2024	10/14/2024	11/1/2018	1/18/2019	10/17/2019	4/20/2020	10/16/2020	4/15/2021
					Type	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L		39	44	69	61	51	43.9	< 5	1.4	1.0	1	1.5	1.6	1.8	1.4	2.6	2.2	2.4	2.2	1.90	1.5	1.8	1.3	< 1	1.4	1.2
VOCs	Toluene	1000		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		< 1.0	NA	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L		1.2	< 1.0	1.2	0.87 J	0.67 J	0.411 J	< 5	< 1	1.1	1.2	1.3	1.4	1.4	1.3	1.3	1.4	1.3	1.5	1.03	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 2	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2,4,5-Trichlorophenol			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2,4,6-Trichlorophenol			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2,4-Dichlorophenol			ug/L		NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80
SVOCs	2,4-Dimethylphenol			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2,4-Dinitrophenol			ug/L		NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0
SVOCs	2,4-Dinitrotoluene			ug/L		NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6
SVOCs	2,6-Dinitrotoluene			ug/L		NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6
SVOCs	2-Chloronaphthalene			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2-Chlorophenol			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2-Methylnaphthalene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	2-Methylphenol			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2-Nitroaniline			ug/L		NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6
SVOCs	2-Nitrophenol			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6
SVOCs	3,3'-Dichlorobenzidine			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0
SVOCs	3-Nitroaniline			ug/L		NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0
SVOCs	4-Bromophenyl phenyl ether			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	4-Chloro-3-methylphenol			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	4-Chloroaniline			ug/L		NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80
SVOCs	4-Chlorophenyl phenyl ether			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	4-Methylphenol			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6
SVOCs	4-Nitroaniline			ug/L		NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6
SVOCs	4-Nitrophenol			ug/L		NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0
SVOCs	Acenaphthene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Acenaphthylene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Acetophenone			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Anthracene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Atrazine	3		ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Benz(a)anthracene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Benzaldehyde			ug/L		NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0
SVOCs	Benzo(a)pyrene	0.2		ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Benzo(b)fluoranthene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Benzo(g,h,i)perylene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Benzo(k)fluoranthene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Bis(2-chloroethoxy)methane			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Bis(2-chloroethyl)ether			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0
SVOCs	Butyl benzyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0
SVOCs	Caprolactam			ug/L		NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0
SVOCs	Carbazole			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Chrysene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Di-n-butyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0
SVOCs	Di-n-octyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0
SVOCs	Dibenz(a,h)anthracene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Dibenzofuran			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Diethyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0
SVOCs	Dimethyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0
SVOCs	Fluoranthene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Fluorene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Hexachlorobenzene	1		ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Hexachlorobutadiene			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Hexachlorocyclopentadiene	50		ug/L		NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0
SVOCs	Hexachloroethane			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Isophorone			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	N-Nitrosodi-n-propylamine			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	N-Nitrosodiphenylamine			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Naphthalene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Nitrobenzene			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Pentachlorophenol	1		ug/L		NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0
SVOCs	Pentachlorophenol (SIM)	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.95
SVOCs	Phenanthrene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Phenol			ug/L		NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Pyrene			ug/L		NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Tributylphosphate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-64	W-64	W-64	W-64	W-64	W-64	W-64	W-64	W-64	W-65	W-65	W-65	W-65	W-65	W-65	W-65	W-65	W-65	W-65	W-65	W-65	W-66	W-66
				Date	10/19/2021	4/19/2022	10/17/2022	4/13/2023	10/19/2023	4/15/2024	4/15/2024	10/14/2024	10/14/2024	10/31/2018	1/21/2019	10/17/2019	4/24/2020	10/22/2020	4/20/2021	10/18/2021	4/14/2022	10/13/2022	1/6/2023	4/7/2023	10/12/2023	4/10/2024	10/9/2024	10/31/2018	1/21/2019
				Type	N	N	N	N	N	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	5.14	2.44 #	NA	NA	NA	NA	NA	NA	NA	2.49 #	0.423 #	1.22 #	2.07 #	1.86 #	2.38	0 ##	0.488 #	NA	NA	NA	NA	NA	NA	0.879 #	1.28 #
Radiological	Beta particles	50	*	pCi/L	48.8	71.3	NA	NA	NA	NA	NA	NA	NA	0.895 #	0.164 #	7.14	0 ##	2.33 #	0.340 #	0.229 #	2.01 #	NA	NA	NA	NA	NA	NA	1.85 #	2.40 #
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	72.9	108	126	123	72.6	99.5	97.1	90.2	95.1	0 ##	0 ##	0 ##	1.19 #	1.29 #	0 ##	0.363 #	0 ##	0.216 #	NA	2.00 #	0.483 #	0 ##	0 ##	0 ##	0 ##
Radiological	Uranium-233/234			pCi/L	0.0842 #	0.0370 #	NA	0.0847 #	NA	NA	NA	NA	NA	0.115 #	0.173 #	0 ##	0.0103 #	NA	0.0385 #	0 ##	0.0155 #	NA	NA	0.0973 #	NA	NA	NA	0.0427 #	0.303 #
Radiological	Uranium-235/236			pCi/L	0 ##	0 ##	NA	0.0970 #	NA	NA	NA	NA	NA	0 ##	0.198 #	0 ##	0 ##	NA	0 ##	0.0175 #	0.0382 #	NA	NA	0.107 #	NA	NA	NA	0.0129 #	0.179 #
Radiological	Uranium-238			pCi/L	0.0914 #	0.0344 #	NA	0.0785 #	NA	NA	NA	NA	NA	0.0253 #	0.236 #	0.0898 #	0.0493 #	NA	0.159 #	0 ##	0.0396 #	NA	NA	0.136 #	NA	NA	NA	0.104 #	0.331
Radiological	Percent Uranium-235			%	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA	0 #	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	NA	0 #	NA	NA	NA	0 #	0 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	0.0877 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	< 0.200	0.256	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.0877 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	< 0.200	0.256	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L	3.64	4.6	3.7	3.9	4.4	4.3	4.3	3.7	3.7	NA	NA	0.783	0.44	0.219	0.196	0.138	0.15	0.10	NA	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA
Chemical	Nitrate as N	10		mg/L	35	49	57	61	39	40	39	36	36	0.39	0.4	0.64	0.75	0.92	1.2	1.6	2.0	1.8	NA	1.6	1.5	1.3	1.7	18	2
Chemical	Ammonia as N			mg/L	12.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0489	0.023	0.0221 J	0.0296 J	0.0192 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	93.7	91.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8060	5720	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.19 J	1.12 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	4.56 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3680	679	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2160	1800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	193	101	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2200	1840	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20900	14400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.98 J	4.93 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 25.0	< 20	NA	NA	NA	NA	NA	< 100	< 100	< 20	< 20	< 100	< 20	< 100	< 100	NA	< 100	< 20	NA	NA	NA	< 20	< 100
VOCs	Benzene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Bromoform			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Bromomethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 25	< 10	< 2.0	< 2	< 10	< 2.0	< 10	< 10	NA	< 10	< 2.0	NA	NA	NA	< 5	< 10
VOCs	2-Butanone			ug/L	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA	< 50	< 50	< 10	< 10	< 50	< 10	< 50	< 50	NA	< 50	< 10	NA	NA	NA	< 10	< 50
VOCs	Carbon disulfide			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Chloroethane			ug/L	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	< 25	< 10	< 2.0	< 2	< 10	< 2.0	< 10	< 10	NA	< 10	< 2.0	NA	NA	NA	< 5	< 10
VOCs	Chloroform			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Chloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Cyclohexane			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	< 25	NA	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.097	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.097	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	< 25	< 10	< 2.0	< 2	< 10	< 2.0	< 10	< 10	NA	< 10	< 2.0	NA	NA	NA	< 5	< 10
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 0.500	< 25	< 5	13	13	15	22	13	12	NA	19	15	17	22	18.5	< 5	< 5
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	2-Hexanone			ug/L	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA	< 50	< 50	< 10	< 10	< 50	< 10	< 50	< 50	NA	< 50	< 10	NA	NA	NA	< 10	< 50
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	< 25	NA	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	NA
VOCs	Methyl acetate			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	< 25	NA	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	NA	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	NA	< 50	< 50	< 10	< 10	< 50	< 10	< 50	< 50	NA	< 50	< 10	NA	NA	NA	< 10	< 50
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA	NA	< 25	NA	< 5.0	< 5	< 25	< 5.0	< 25	< 25	NA	< 25	< 5.0	NA	NA	NA	< 5	NA
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	33	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Naphthalene (VOC)			ug/L	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	< 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5
VOCs	Styrene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-64	W-64	W-64	W-64	W-64	W-64	W-64	W-64	W-64	W-65	W-65	W-65	W-65	W-65	W-65	W-65	W-65	W-65	W-65	W-65	W-65	W-65	W-66	W-66
				Date	10/19/2021	4/19/2022	10/17/2022	4/13/2023	10/19/2023	4/15/2024	4/15/2024	10/14/2024	10/14/2024	10/31/2018	1/21/2019	10/17/2019	4/24/2020	10/22/2020	4/20/2021	10/18/2021	4/14/2022	10/13/2022	1/6/2023	4/7/2023	10/12/2023	4/10/2024	10/9/2024	10/31/2018	1/21/2019
				Type	N	N	N	N	N	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Tetrachloroethene	5		ug/L	1.1	1.8	1.8	1.9	0.83 J	1.7	1.7	0.750 J	0.787 J	210	230	220	300	430	390	340	320	NA	440	320	520	370	416	66	200
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	NA	< 25	NA	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	NA	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	0.46 J	< 1.0	0.44 J	0.40 J	< 0.500	< 0.500	93	94	84	76	58	59	41	41	NA	42	43	49	50	40.4	< 5	11
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 0.500	< 10	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	< 5.0	< 1.0	< 0.500 J	< 2	< 5
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 25	< 5	< 1.0	< 1	< 5.0	< 1.0	< 5.0	< 5.0	NA	< 5.0	< 1.0	NA	NA	NA	< 5	< 5
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

				Well	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-67	W-67	W-67	W-67	W-67	W-67	W-67	W-67	W-67	W-67	W-67	W-67
				Date	10/17/2019	4/24/2020	10/22/2020	4/20/2021	10/18/2021	10/18/2021	4/14/2022	10/13/2022	1/6/2023	4/7/2023	10/12/2023	4/10/2024	10/9/2024	11/1/2018	1/18/2019	10/18/2019	4/21/2020	10/19/2020	4/14/2021	10/18/2021	4/14/2022	10/17/2022	4/10/2023	10/23/2023	4/16/2024
				Type	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	0 ##	0.673 #	0 ##	0.233 #	0.899 #	0.560 #	0.634 #	NA	NA	NA	NA	NA	NA	0.823 #	0.640 #	0.945 #	3.78 #	1.74 #	0.655 #	2.06 #	1.60 #	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L	3.33 #	3.87	1.89 #	3.80 #	2.95 #	2.22 #	4.33 #	NA	NA	NA	NA	NA	NA	73.4	67.5	65.3	55.6	35.8	45.5	33.4	37.7	NA	NA	NA	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0 ##	0 ##	0.572 #	0.453 #	1.10 #	0 ##	0.122 #	0 ##	NA	0 ##	1.70 #	0.535 #	0 ##	82.9	114	84.3	86.5	81.3	83.4	69.8	50.0	58.4	52.1	45.7	43.3
Radiological	Uranium-233/234			pCi/L	0.0479 #	0 ##	NA	0 ##	0 ##	0.0119 #	0 ##	NA	NA	0.0220 #	NA	NA	NA	0.0482 #	0.261 #	0 ##	0 ##	NA	0 ##	0 ##	1.01	NA	0 ##	NA	NA
Radiological	Uranium-235/236			pCi/L	0.00220 #	0.0452 #	NA	0.0381 #	0.0386 #	0.0264 #	0 ##	NA	NA	0 ##	NA	NA	NA	0.101 #	0.314	0 #	0 ##	NA	0 #	0 ##	0.0954 #	NA	0.0796 #	NA	NA
Radiological	Uranium-238			pCi/L	0.0800 #	0.0178 #	NA	0 ##	0 ##	0.0230 #	0.0242 #	NA	NA	0 ##	NA	NA	NA	0.239	0.410	0.0343 #	0.0474 #	NA	0 ##	0 ##	0.293	NA	0.107 #	NA	NA
Radiological	Percent Uranium-235			%	0 #	0 #	NA	0 #	0 #	0 #	0 #	NA	NA	0 #	NA	NA	NA	0 #	10.6	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA
Radiological	Uranium-234			ug/L	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0977 J	< 0.200	NA	< 0.200	0.0900 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0977 J	< 0.200	NA	< 0.200	0.0900 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L	0.076	0.047	0.036 J	0.0330 J	0.031 J	0.033 J	< 0.10	< 0.10	NA	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	0.01	0.018	< 0.1	0.0170 J	0.023 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	1.5	1.5	1.4	1.4	1.3	1.3	2.1	1.6	NA	1.7	2.1	1.8	1.8	17	17	14	16	18	13	14	13	13	11	11	11
Chemical	Ammonia as N			mg/L	0.0336	0.0177	0.021 J	0.0159 J	0.0188 J	0.0277 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.31	2.01	2.3	1.28	1.74	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	< 30.0	6.59 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	68.5	59.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	306	285	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	6730	5290	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11500	10400	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	< 10.0	1.63 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.77 J	4.15 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	< 20.0	5.11 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	2400	2090	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4130	3720	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	15.4	10.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.5	16	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	0.284	0.743	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.189 J	0.132 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.64 J	2.11 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	1990	1650	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4250	4080	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	5430	4810	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21900	20700	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	4.35 J	5.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.72 J	13.9 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 100	< 20	< 200	< 100	< 20	< 20	< 100	NA	< 20	< 100	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA
VOCs	Benzene	5		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Bromodichloromethane			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Bromoform			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Bromomethane			ug/L	< 10	< 2	< 20	< 10	< 2.0	< 2.0	< 10	NA	< 2.0	< 10	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA
VOCs	2-Butanone			ug/L	< 50	< 10	< 100	< 50	< 10	< 10	< 50	NA	< 10	< 50	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA
VOCs	Carbon disulfide			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Chlorobenzene	100		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Chloroethane			ug/L	< 10	< 2	< 20	< 10	< 2.0	< 2.0	< 10	NA	< 2.0	< 10	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA
VOCs	Chloroform			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Chloromethane			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Cyclohexane			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	< 0.39	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02	< 0.020	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	< 0.39	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1-Dichloroethane			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	< 10	< 2	< 20	< 10	< 2.0	< 2.0	< 10	NA	< 2.0	< 10	NA	NA	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	22	18	29	9.0	8.6	8.0	48	NA	13	24	26	14	9.97	1.7	1.6	1.5	1.7	1.6	1.4	1.3	1.2	1.1	1.3	1.3	1.2
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Ethylbenzene	700		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	2-Hexanone			ug/L	< 50	< 10	< 100	< 50	< 10	< 10	< 50	NA	< 10	< 50	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA
VOCs	Methyl acetate			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 50	< 10	< 100	< 50	< 10	< 10	< 50	NA	< 10	< 50	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA
VOCs	Methylcyclohexane			ug/L	< 25	< 5	< 50	< 25	< 5.0	< 5.0	< 25	NA	< 5.0	< 25	NA	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA
VOCs	Methylene chloride	5		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
VOCs	Styrene	100		ug/L	< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-66	W-67	W-67	W-67	W-67	W-67	W-67	W-67	W-67	W-67	W-67	W-67	W-67
					Date	10/17/2019	4/24/2020	10/22/2020	4/20/2021	10/18/2021	10/18/2021	4/14/2022	10/13/2022	1/6/2023	4/7/2023	10/12/2023	4/10/2024	10/9/2024	11/1/2018	1/18/2019	10/18/2019	4/21/2020	10/19/2020	4/14/2021	10/18/2021	4/14/2022	10/17/2022	4/10/2023	10/23/2023	4/16/2024
					Type	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																										
VOCs	1,1,2,2-Tetrachloroethane			ug/L		< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Tetrachloroethene	5		ug/L		480	360	810	310	270	270	780	NA	270	460	740	340	462	41	38	49	46	42	43	41	39	34.6	43	43	41
VOCs	Toluene	1000		ug/L		< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L		< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L		< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L		< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Trichloroethene	5		ug/L		8.5	7.6	< 10	< 5.0	4.9	4.7	17	NA	9.5	11	21	9.5	7.80	8.4	8.1	8.4	8.4	7.4	7.9	7.4	7.7	5.6	7.7	7.7	6.9
VOCs	Trichlorofluoromethane			ug/L		< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Vinyl chloride	2		ug/L		< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	< 10	< 1.0	< 0.500 J	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L		< 5.0	< 1	< 10	< 5.0	< 1.0	< 1.0	< 5.0	NA	< 1.0	< 5.0	NA	NA	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L		< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L		< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L		< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L		< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L		< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L		< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L		< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L		< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L		< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L		< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L		< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L		< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L		< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L		< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L		< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L		< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L		< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L		< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L		< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L		< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L		< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L		NA	NA	< 1.0	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.95	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L		< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L		< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-67	W-68	W-68	W-68	W-68	W-68	W-68	W-68	W-68	W-68	W-68	W-68	W-68	W-69	W-69	W-69	W-69	W-69	W-69	W-69	W-69	W-69	W-69
				Date	10/16/2024	11/6/2018	1/31/2019	10/22/2019	4/20/2020	10/22/2020	4/19/2021	10/19/2021	4/19/2022	10/17/2022	4/17/2023	10/17/2023	4/11/2024	10/11/2024	10/23/2019	4/16/2020	10/15/2020	4/22/2021	10/21/2021	4/19/2022	10/18/2022	4/19/2023	4/19/2023	10/18/2023	4/16/2024
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	NA	2.95 #	1.23 #	0.922 #	3.23 #	0.248 #	0 ##	0.0923 #	0.799 #	NA	NA	NA	NA	NA	2.31 #	0.581 #	1.63 #	0 ##	0 ##	3.63	NA	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L	NA	0.641 #	0.645 #	2.33 #	5.89	0 ##	2.66 #	2.61 #	1.34 #	NA	NA	NA	NA	NA	1.94 #	0.885 #	0.838 #	0.783 #	0 ##	2.96 #	NA	NA	NA	NA	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	41.4	0 ##	0 ##	0 ##	0.409 #	0.280 #	0 ##	0.0281 #	0.112 #	2.34 #	0.285 #	2.18 #	1.88 #	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	3.32 #	2.83 #	0.232 #	0 ##	0.968 #	0 ##
Radiological	Uranium-233/234			pCi/L	NA	0.123 #	0.440	0.204 #	0.0317 #	NA	0 ##	0 ##	0 ##	NA	0.0729 #	NA	NA	NA	0.366	0 ##	NA	0 ##	0 ##	0.0763 #	NA	0.170 #	0 ##	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	0.0386 #	0.368	0.0452 #	0 ##	NA	0 ##	0 ##	0.0574 #	NA	0 ##	NA	NA	NA	0.118 #	0.0242 #	NA	0.0273 #	0.0618 #	0 ##	NA	0 ##	0.100 #	NA	NA
Radiological	Uranium-238			pCi/L	NA	0 ##	0.398	0.0102 #	0 ##	NA	0 ##	0 ##	0 ##	NA	0 ##	NA	NA	NA	0.201 #	0.00948 #	NA	0 ##	0 ##	0 ##	NA	0 ##	0.0319 #	NA	NA
Radiological	Percent Uranium-235			%	NA	0 #	12.5	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	0 #	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	< 0.200	0.0802 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.139 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	0.0802 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.139 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L	< 0.10	NA	NA	0.02	0.089	0.006 J	0.0160 J	0.027 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.022	< 0.1	0.007 J	0.0180 J	0.075 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	9.9	3.4	3.3	3.0	2.9	2.9	2.5	2.8	3.0	3.1	1.7	2.8	2.4	2.2	0.16	0.23	0.4	0.51	0.35	0.60	0.062	0.45	0.44	0.45	0.79
Chemical	Ammonia as N			mg/L	NA	NA	NA	0.0143	0.0452	0.0172 J	0.0171 J	0.255	NA	NA	NA	NA	NA	NA	0.0341	0.0307	0.035 J	0.0244 J	0.0228 J	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	92.9	98.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.9	49.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	4530	4290	NA	NA	NA	NA	NA	NA	NA	NA	NA	2480	1290	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	2.69 J	2.21 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.08	4.32 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	30.1 J	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	4120	3910	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	1850	1840	NA	NA	NA	NA	NA	NA	NA	NA	NA	794	434	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	2.94 J	2.84 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	412	257	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	2.3 J	2.04 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.94 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	1410	1640	NA	NA	NA	NA	NA	NA	NA	NA	NA	840	560	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	6980	7040	NA	NA	NA	NA	NA	NA	NA	NA	NA	13600	12100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	6.54 J	7.83 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.4 J	9.29 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	< 20	NA	NA
VOCs	Benzene	5		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Bromodichloromethane			ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Bromoform			ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Bromomethane			ug/L	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA
VOCs	2-Butanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA
VOCs	Carbon disulfide			ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Chlorobenzene	100		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Chloroethane			ug/L	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	NA	NA
VOCs	Chloroform			ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Chloromethane			ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Cyclohexane			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1-Dichloroethane			ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	< 2	< 2	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	0.980 J	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Ethylbenzene	700		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	2-Hexanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	< 1	< 1	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-67	W-68	W-68	W-68	W-68	W-68	W-68	W-68	W-68	W-68	W-68	W-68	W-68	W-69	W-69	W-69	W-69	W-69	W-69	W-69	W-69	W-69	W-69	W-69
				Date	10/16/2024	11/6/2018	1/31/2019	10/22/2019	4/20/2020	10/22/2020	4/19/2021	10/19/2021	4/19/2022	10/17/2022	4/17/2023	10/17/2023	4/11/2024	10/11/2024	10/23/2019	4/16/2020	10/15/2020	4/22/2021	10/21/2021	4/19/2022	10/18/2022	4/19/2023	4/19/2023	10/18/2023	4/16/2024
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Tetrachloroethene	5		ug/L	37.6	130	150	110	110	78	63	55	60	58.4	59	58	47	42.6	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Trichloroethene	5		ug/L	6.70	2.7	2.5	1.8	1.7	1.3	< 1.0	1.0	1.1	0.94 J	1.3	1.3	0.96 J	1.02	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 0.500	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500 J	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	NA	< 1	< 1	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	< 8	< 8	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	< 8	< 8	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	< 8	< 8	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	< 4	< 4	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	< 20	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	< 1.0	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.96	< 1.0	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	< 4	< 4	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	< 0.8	< 0.8	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-69	W-70	W-70	W-70	W-70	W-70	W-70	W-70	W-70	W-70	W-70	W-70	W-70	W-71	W-71	W-71	W-71	W-71	W-71	W-71	W-71	W-71	W-71	W-71	W-71
					Date	10/15/2024	10/23/2019	4/16/2020	10/15/2020	4/22/2021	10/21/2021	4/19/2022	10/18/2022	4/19/2023	10/18/2023	10/18/2023	4/16/2024	10/15/2024	10/23/2019	4/16/2020	10/15/2020	4/22/2021	10/21/2021	10/21/2021	4/19/2022	10/19/2022	4/19/2023	10/18/2023	4/16/2024	10/15/2024
					Type	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	FD	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																										
Radiological	Alpha particles	15	*	pCi/L	NA	0.0198 #	5.42	0.353 #	0.441 #	1.37 #	0.361 #	NA	NA	NA	NA	NA	NA	0.983 #	4.72	2.79 #	2.30 #	0.418 #	2.98 #	1.97 #	NA	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L	NA	1.37 #	1.95 #	3.00 #	3.93 #	0 ##	3.12 #	NA	NA	NA	NA	NA	NA	8.11	4.39	3.51 #	4.92 #	2.35 #	2.04 #	0 ##	NA	NA	NA	NA	NA	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0 ##	21.4 #	0 ##	0 ##	0.850 #	0.570 #	1.60 #	3.53	0 ##	1.20 #	0.211 #	0 ##	1.52 #	12.2 #	1.27 #	0 ##	0 ##	0.0199 #	0.395 #	0 ##	0 ##	0 ##	1.50 #	0 ##	0 ##
Radiological	Uranium-233/234			pCi/L	NA	0.188 #	0 ##	NA	0 ##	0.0582 #	2.01	NA	0.251 #	NA	NA	NA	NA	0.228 #	0 ##	NA	0 ##	0 ##	0 ##	0.0847 #	NA	0 ##	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	0 ##	0 ##	NA	0 ##	0.0330 #	0.264 #	NA	0 ##	NA	NA	NA	NA	0.0113 #	0 ##	NA	0 ##	0.101 #	0.0591 #	0.0273 #	NA	0 ##	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	0.0615 #	0 ##	NA	0 ##	0 ##	1.02	NA	0 ##	NA	NA	NA	NA	0.0743 #	0.0375 #	NA	0 ##	0.0757 #	0 ##	0.149 #	NA	0.0920 #	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.165 J	0.0765 J	0.0959 J	0.0784 J	0.0939 J	0.0898 J	0.135 J	0.0959 J	0.211	0.135 J	0.0928 J	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.165 J	0.0765 J	0.0959 J	0.0784 J	0.0939 J	0.0898 J	0.135 J	0.0959 J	0.211	0.135 J	0.0928 J	< 0.200
Chemical	Fluoride	4		mg/L	< 0.10	< 0.100	< 0.1	< 0.1	0.0130 J	0.017 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.084	< 0.1	< 0.1	0.0220 J	0.031 J	0.086 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	0.69	1.4	1.5	1.4	1.7	1.6	1.8	1.5	1.4	1.3	1.3	1.2	1.2	0.021	< 0.02	0.064	< 0.020	< 0.020	< 0.020	< 0.020	0.049	< 0.020	0.055	0.14	0.079
Chemical	Ammonia as N			mg/L	NA	0.0077	0.0125	0.0243 J	0.0147 J	0.0186 J	NA	NA	NA	NA	NA	NA	NA	0.0149	0.0156	0.028 J	0.0168 J	0.0212 J	0.0194 J	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.15 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	91.2	87.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22	12.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	1.17 J	1.02 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	3170	2830	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4300	1230	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	9.91	4.38 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	38.5 J	31.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5910	1290	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.18 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	1410	1380	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	745	319	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	90.4	41.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.6	22.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	4.49 J	2.89 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	1.76 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	2190	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7080	3170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.73 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	3580	3470	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10800	4850	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	12.2 J	15.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	13.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Bromoform			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA
VOCs	Chloroform			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-69	W-70	W-70	W-70	W-70	W-70	W-70	W-70	W-70	W-70	W-70	W-70	W-70	W-71	W-71	W-71	W-71	W-71	W-71	W-71	W-71	W-71	W-71	W-71	W-71
				Date	10/15/2024	10/23/2019	4/16/2020	10/15/2020	4/22/2021	10/21/2021	4/19/2022	10/18/2022	4/19/2023	10/18/2023	10/18/2023	4/16/2024	10/15/2024	10/23/2019	4/16/2020	10/15/2020	4/22/2021	10/21/2021	10/21/2021	4/19/2022	10/19/2022	4/19/2023	10/18/2023	4/16/2024	10/15/2024
				Type	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	< 0.600	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600
VOCs	Toluene	1000		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	Trichlorofluoromethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	Xylenes, Total	10000		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	< 0.97	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.98	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-71	W-72	W-72	W-72	W-72	W-72	W-72	W-72	W-72	W-72	W-72	W-72	W-73	W-73	W-73	W-73	W-73	W-73	W-73	W-73	W-73	W-73	W-74	W-74
				Date	10/15/2024	10/4/2019	4/3/2020	10/9/2020	4/12/2021	10/12/2021	4/8/2022	10/11/2022	4/11/2023	10/9/2023	4/5/2024	10/4/2024	10/4/2019	4/3/2020	10/8/2020	4/8/2021	10/8/2021	4/7/2022	10/10/2022	4/11/2023	10/9/2023	4/4/2024	10/4/2024	10/9/2019	4/8/2020
				Type	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	NA	1.05 #	2.98 #	2.57	0.513 #	0 ##	1.39 #	NA	NA	NA	NA	NA	0.241 #	0 ##	0.664	0.363 #	0 ##	0.499 #	NA	NA	NA	NA	NA	0 ##	0 ##
Radiological	Beta particles	50	*	pCi/L	NA	2.74 #	8.51	11.7	9.59	3.80 #	11.7	NA	NA	NA	NA	NA	1.85 #	2.27 #	3.31 #	2.14 #	1.84 #	1.89 #	NA	NA	NA	NA	NA	1.29 #	2.38 #
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0 ##	0 ##	1.33 #	2.30 #	0 ##	0 ##	1.52 #	0.362 #	3.97	0.833 #	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	2.26 #	0 ##	0 ##	2.01 #	0.935 #	0 ##	0 ##	11.5 #	0 ##
Radiological	Uranium-233/234			pCi/L	NA	0.125 #	1.17	NA	0.758	0.276	2.17	NA	3.22	NA	NA	NA	0 ##	0.155 #	NA	0.0302 #	0.153 #	0.209 #	NA	0.348	NA	NA	NA	0.111 #	0 ##
Radiological	Uranium-235/236			pCi/L	NA	0 ##	0.0265 #	NA	0 ##	0.0107 #	0.0250 #	NA	0.227	NA	NA	NA	0.0655 #	0.0780 #	NA	0.0786 #	0.0189 #	0.0274 #	NA	0.0237 #	NA	NA	NA	0.00238 #	0 ##
Radiological	Uranium-238			pCi/L	NA	0.0205 #	0.162	NA	0.134 #	0.117 #	0.758	NA	0.663	NA	NA	NA	0.121 #	0 ##	NA	0.113 #	0.0894 #	0.117	NA	0.167 #	NA	NA	NA	0.0963 #	0 ##
Radiological	Percent Uranium-235			%	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	5.05	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.070	0.021 J	< 0.0700	0.0131 J	< 0.0700	0.0457 J	< 0.0700	0.0469 J	0.0235 J	0.0202 J	0.0591 J	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700
Radiological	Uranium-238			ug/L	< 0.200	0.095 J	0.667	0.345	0.423	0.266	1.47	0.276	1.51	0.568	0.614	2.07	0.0831 J	0.0873 J	0.141 J	0.133 J	0.133 J	0.174 J	0.129 J	0.130 J	< 0.200	0.110 J	0.111 J	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	0.095 J	0.688	0.345	0.437	0.266	1.51	0.276	1.55	0.592	0.634	2.13	0.0831 J	0.0873 J	0.141 J	0.133 J	0.133 J	0.174 J	0.129 J	0.130 J	< 0.200	0.110 J	0.111 J	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L	< 0.10	0.116	1.08	0.572	0.741	0.406	0.55	0.80	0.78	0.82	0.68	0.84	0.071	< 0.1	0.044 J	0.0300 J	0.056 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.019	0.01
Chemical	Nitrate as N	10		mg/L	0.086	1.5	6.3	9.3	2.8	2.4	38	4.1	3.7	2.0	1.6	4.3	2.0	1.4	1.6	1.2	1.3	1.3	1.4	1.3	0.87	0.84	1.1	4.9	5.4
Chemical	Ammonia as N			mg/L	NA	0.275	0.0322	0.0777 J	0.0252 J	0.0262 J	NA	NA	NA	NA	NA	NA	0.0167	0.0383	0.0279 J	0.0321 J	0.0208 J	NA	NA	NA	NA	NA	NA	0.159	0.0129
Metals	Aluminum			ug/L	NA	< 200	620	NA	NA	NA	NA	NA	NA	NA	NA	NA	126 J	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200
Metals	Antimony	6		ug/L	NA	5.12 J	5.64 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.54 J	8.41 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.18 J	< 20.0
Metals	Arsenic	10		ug/L	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0
Metals	Barium	2000		ug/L	NA	48.9	46.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	79	56.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	151	150
Metals	Beryllium	4		ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00
Metals	Cadmium	5		ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00
Metals	Calcium			ug/L	NA	11900	30000	NA	NA	NA	NA	NA	NA	NA	NA	NA	9540	9290	NA	NA	NA	NA	NA	NA	NA	NA	NA	6700	6180
Metals	Chromium	100		ug/L	NA	1.59 J	1.81 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.66 J	1.95 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0
Metals	Cobalt			ug/L	NA	5.27	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.27	2.2 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.43 J	< 5.00
Metals	Copper	1300		ug/L	NA	< 20.0	13.6 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.06 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0
Metals	Iron			ug/L	NA	1070	153	NA	NA	NA	NA	NA	NA	NA	NA	NA	299	37.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.6 J	< 100
Metals	Lead	15		ug/L	NA	< 20.0	7.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0
Metals	Magnesium			ug/L	NA	3760	4610	NA	NA	NA	NA	NA	NA	NA	NA	NA	4600	4710	NA	NA	NA	NA	NA	NA	NA	NA	NA	3050	2410
Metals	Manganese			ug/L	NA	992	11.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	454	176	NA	NA	NA	NA	NA	NA	NA	NA	NA	134	56.7
Metals	Mercury	2		ug/L	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	0.129 J
Metals	Nickel			ug/L	NA	9.31	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	99.7	239	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.1	7.22
Metals	Potassium			ug/L	NA	3260	9170	NA	NA	NA	NA	NA	NA	NA	NA	NA	2400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	3030	2520
Metals	Selenium	50		ug/L	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.9 J	22.2 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0
Metals	Silver			ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.05 J	< 5.00
Metals	Sodium			ug/L	NA	12400	38600	NA	NA	NA	NA	NA	NA	NA	NA	NA	10200	9380	NA	NA	NA	NA	NA	NA	NA	NA	NA	10900	9730
Metals	Thallium	2		ug/L	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0
Metals	Vanadium			ug/L	NA	< 5.00	4.36 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00
Metals	Zinc			ug/L	NA	8.31 J	156	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.8 J	10.8 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.5 J	12.6 J
VOCs	Acetone			ug/L	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	< 20
VOCs	Benzene	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Bromodichloromethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Bromoform			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Bromomethane			ug/L	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2
VOCs	2-Butanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10
VOCs	Carbon disulfide			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Carbon tetrachloride	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Chlorobenzene	100		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Chloroethane			ug/L	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2
VOCs	Chloroform			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Chloromethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Cyclohexane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.049	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	1,3-Dichlorobenzene			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	1,1-Dichloroethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Dichlorodifluoromethane			ug/L	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2
VOCs	1,2-Dichloroethane	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	1,1-Dichloroethene	7		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.27	1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.30	1.9	1.6
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	1,2-Dichloropropane	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	cis-1,3-Dichloropropene			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	trans-1,3-Dichloropropene			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Ethylbenzene	700		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	2-Hexanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Methyl acetate			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Methyl tert-butyl ether			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	4-Methyl-2-pentanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10
VOCs	Methylcyclohexane			ug/L	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0	< 5
VOCs	Methylene chloride	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-71	W-72	W-72	W-72	W-72	W-72	W-72	W-72	W-72	W-72	W-72	W-72	W-73	W-73	W-73	W-73	W-73	W-73	W-73	W-73	W-73	W-74	W-74
				Date	10/15/2024	10/4/2019	4/3/2020	10/9/2020	4/12/2021	10/12/2021	4/8/2022	10/11/2022	4/11/2023	10/9/2023	4/5/2024	10/4/2024	10/4/2019	4/3/2020	10/8/2020	4/8/2021	10/8/2021	4/7/2022	10/10/2022	4/11/2023	10/9/2023	4/4/2024	10/4/2024	10/9/2019	4/8/2020
				Type	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Tetrachloroethene	5		ug/L	< 0.600	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.41 J	0.71 J	< 0.600	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.74 J	0.60 J	0.75 J	0.529 J	19	19
VOCs	Toluene	1000		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Trichloroethene	5		ug/L	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.51 J	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.41 J	< 0.500	4.5	4.2
VOCs	Trichlorofluoromethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Vinyl chloride	2		ug/L	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.293 J	< 1.0	< 1
VOCs	Xylenes, Total	10000		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	2,4-Dichlorophenol			ug/L	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8
SVOCs	2,4-Dimethylphenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	2,4-Dinitrophenol			ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20
SVOCs	2,4-Dinitrotoluene			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8
SVOCs	2,6-Dinitrotoluene			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8
SVOCs	2-Chloronaphthalene			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	2-Chlorophenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	2-Methylnaphthalene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	2-Methylphenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	2-Nitroaniline			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8
SVOCs	2-Nitrophenol			ug/L	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	3-Nitroaniline			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	4-Chloroaniline			ug/L	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	4-Methylphenol			ug/L	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	4-Nitroaniline			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8
SVOCs	4-Nitrophenol			ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20
SVOCs	Acenaphthene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Acenaphthylene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Acetophenone			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Anthracene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Atrazine	3		ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Benz(a)anthracene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Benzaldehyde			ug/L	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Benzo(b)fluoranthene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Benzo(k)fluoranthene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Butyl benzyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Caprolactam			ug/L	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8
SVOCs	Carbazole			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Chrysene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Di-n-butyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Di-n-octyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Dibenzofuran			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Diethyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Dimethyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Fluoranthene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Fluorene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Hexachlorobenzene	1		ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Hexachlorobutadiene			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20
SVOCs	Hexachloroethane			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Isophorone			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Naphthalene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Nitrobenzene			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Pentachlorophenol	1		ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	< 1.0	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Phenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4
SVOCs	Pyrene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-74	W-74	W-74	W-74	W-74	W-74	W-74	W-74	W-74	W-74	W-74	W-75	W-75	W-75	W-75	W-75	W-75	W-75	W-75	W-75	W-75	W-76	W-76	W-76
					Date	10/12/2020	4/12/2021	4/12/2021	10/12/2021	10/12/2021	4/8/2022	10/10/2022	4/13/2023	10/12/2023	4/8/2024	10/4/2024	10/9/2019	4/8/2020	10/12/2020	4/12/2021	10/12/2021	4/8/2022	10/10/2022	4/13/2023	10/13/2023	4/5/2024	10/4/2024	10/5/2019	4/14/2020	10/7/2020
					Type	N	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																										
Radiological	Alpha particles	15	*	pCi/L		3.87	3.13 #	1.72 #	0.306 #	2.77 #	0 ##	NA	NA	NA	NA	NA	2.10 #	1.80 #	1.26	0 ##	0 ##	0.0566 #	NA	NA	NA	NA	NA	2.77 #	12.7	9.27
Radiological	Beta particles	50	*	pCi/L		3.95	2.91 #	5.55	0 ##	0.744 #	3.30 #	NA	NA	NA	NA	NA	3.89 #	3.68	4.86	3.05 #	1.17 #	1.74 #	NA	NA	NA	NA	NA	6.88	4.56 #	6.30
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		0.658 #	0 ##	0 ##	0.0903 #	0 ##	0.252 #	0 ##	0.570 #	1.91 #	0 ##	1.96 #	0 ##	0 ##	0 ##	0 ##	0.236 #	0.379 #	0.0630 #	1.29 #	2.11 #	0.389 #	0 ##	0 ##	0 ##	0.753 #
Radiological	Uranium-233/234			pCi/L		NA	0 ##	0.0176 #	0 ##	0.0432 #	0.0384 #	NA	0.190 #	NA	NA	NA	0.0135 #	0 ##	NA	0 ##	0.0458 #	0 ##	NA	0 ##	NA	NA	NA	1.60	4.92	NA
Radiological	Uranium-235/236			pCi/L		NA	0.0109 #	0.0896 #	0.0333 #	0 ##	0.0378 #	NA	0.0644 #	NA	NA	NA	0.0780 #	0 ##	NA	0.00293 #	0.0187 #	0 #	NA	0.0359 #	NA	NA	NA	0 ##	0.196	NA
Radiological	Uranium-238			pCi/L		NA	0.0101 #	0.130 #	0.0199 #	0 ##	0.101 #	NA	0.156 #	NA	NA	NA	0.00143 #	0.00834 #	NA	0 ##	0.0442 #	0.0495 #	NA	0.154 #	NA	NA	NA	0.354	0.830	NA
Radiological	Percent Uranium-235			%		NA	0 #	0 #	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	3.53	NA
Radiological	Uranium-234			ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	0.0308 J	0.0999	0.101
Radiological	Uranium-238			ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0674 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0799 J	< 0.200	< 0.200	0.915	2.87	2.86
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0674 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0799 J	< 0.200	< 0.200	0.946	2.97	2.96
Chemical	Fluoride	4		mg/L		0.012 J	0.00900 J	0.00600 J	0.017 J	0.021 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.109	0.068	0.121	0.0750 J	0.116	0.14	< 0.10	< 0.10	0.11	< 0.10	< 0.10	1.45	1.4	NA
Chemical	Nitrate as N	10		mg/L		5.4	5.1	4.8	5.5	5.5	5.1	6.0	6.0	5.8	5.2	5.6	0.063	1.6	0.1	1.1	0.21	0.47	0.32	0.56	0.60	0.81	0.99	9.8	8.7	14
Chemical	Ammonia as N			mg/L		0.0133 J	0.0230 J	0.0202 J	0.0214 J	0.0386 J	NA	NA	NA	NA	NA	NA	0.391	0.268	0.406	0.172	0.258	NA	NA	NA	NA	NA	NA	NA	0.0154	0.0163	NA
Metals	Aluminum			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	894	1190	NA
Metals	Antimony	6		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.12 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.99 J	< 20.0	NA
Metals	Arsenic	10		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA
Metals	Barium	2000		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	104	92.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	129	155	NA
Metals	Beryllium	4		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.49 J	1.65 J	NA
Metals	Cadmium	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA
Metals	Calcium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12900	9270	NA	NA	NA	NA	NA	NA	NA	NA	NA	4430	5740	NA
Metals	Chromium	100		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.12 J	< 10.0	NA
Metals	Cobalt			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.2	13.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.41 J	3.93 J	NA
Metals	Copper	1300		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA
Metals	Iron			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4590	1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA
Metals	Lead	15		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA
Metals	Magnesium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5220	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	1510	1790	NA
Metals	Manganese			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	740	293	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.9	60.6	NA
Metals	Mercury	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA
Metals	Nickel			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	315	143	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.8 J	< 5.00	NA
Metals	Potassium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3910	3350	NA	NA	NA	NA	NA	NA	NA	NA	NA	3900	3730	NA
Metals	Selenium	50		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.38 J	8.44 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA
Metals	Silver			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA
Metals	Sodium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7670	8720	NA	NA	NA	NA	NA	NA	NA	NA	NA	22200	14700	NA
Metals	Thallium	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA
Metals	Vanadium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA
Metals	Zinc			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.3 J	12.9 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.89 J	7.55 J	NA
VOCs	Acetone			ug/L		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	17 J	NA	NA	NA	< 20	< 20	< 20
VOCs	Benzene	5		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	1.2	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Bromodichloromethane			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Bromoform			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Bromomethane			ug/L		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0
VOCs	2-Butanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Carbon tetrachloride	5		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Chlorobenzene	100		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Chloroethane			ug/L		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0
VOCs	Chloroform			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Chloromethane			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Cyclohexane			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		< 0.019	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019
VOCs	Dibromochloromethane			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		< 0.019	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,1-Dichloroethane			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Dichlorodifluoromethane			ug/L		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L		1.4	1.2	1.2	1.3	1.3	< 1.0	< 1.0	0.74 J	0.70 J	0.75 J	7.17	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Ethylbenzene	700		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	2-Hexanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Methyl acetate			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Methyl tert-butyl ether			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0	< 5	< 5.0
VOCs	Methylene chloride	5		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Naphthalene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-74	W-74	W-74	W-74	W-74	W-74	W-74	W-74	W-74	W-74	W-74	W-75	W-75	W-75	W-75	W-75	W-75	W-75	W-75	W-75	W-75	W-76	W-76	W-76
				Date	10/12/2020	4/12/2021	4/12/2021	10/12/2021	10/12/2021	4/8/2022	10/10/2022	4/13/2023	10/12/2023	4/8/2024	10/4/2024	10/9/2019	4/8/2020	10/12/2020	4/12/2021	10/12/2021	4/8/2022	10/10/2022	4/13/2023	10/13/2023	4/5/2024	10/4/2024	10/5/2019	4/14/2020	10/7/2020
				Type	N	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Tetrachloroethene	5		ug/L	16	12	12	11	12	9.0	8.8	7.8	9.7	7.4	7.00	< 1.0	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.40 J	0.90 J	0.74 J	0.546 J	< 1.0	< 1	< 1.0
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Trichloroethene	5		ug/L	3.6	2.9	2.9	3.2	3.1	2.9	2.6	2.4	2.6	2.6	1.75	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.42 J	0.48 J	< 0.500	63	44	33
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.877 J	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	2,4,5-Trichlorophenol			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	2,4,6-Trichlorophenol			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	2,4-Dichlorophenol			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80
SVOCs	2,4-Dimethylphenol			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	2,4-Dinitrophenol			ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0
SVOCs	2,4-Dinitrotoluene			ug/L	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6
SVOCs	2,6-Dinitrotoluene			ug/L	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6
SVOCs	2-Chloronaphthalene			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	2-Chlorophenol			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	2-Methylnaphthalene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	2-Methylphenol			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	2-Nitroaniline			ug/L	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6
SVOCs	2-Nitrophenol			ug/L	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0
SVOCs	3-Nitroaniline			ug/L	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	4-Chloro-3-methylphenol			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	4-Chloroaniline			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	4-Methylphenol			ug/L	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6
SVOCs	4-Nitroaniline			ug/L	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6
SVOCs	4-Nitrophenol			ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0
SVOCs	Acenaphthene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Acenaphthylene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Acetophenone			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	Anthracene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Atrazine	3		ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	Benz(a)anthracene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Benzaldehyde			ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0
SVOCs	Butyl benzyl phthalate			ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0
SVOCs	Caprolactam			ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0
SVOCs	Carbazole			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	Chrysene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Di-n-butyl phthalate			ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0
SVOCs	Di-n-octyl phthalate			ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Dibenzofuran			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	Diethyl phthalate			ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0
SVOCs	Dimethyl phthalate			ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0
SVOCs	Fluoranthene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Fluorene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Hexachlorobenzene	1		ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	Hexachlorobutadiene			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0
SVOCs	Hexachloroethane			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Isophorone			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	N-Nitrosodiphenylamine			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	Naphthalene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Nitrobenzene			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	Pentachlorophenol	1		ug/L	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0
SVOCs	Pentachlorophenol (SIM)	1		ug/L	< 1.0	< 0.95	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.98
SVOCs	Phenanthrene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Phenol			ug/L	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80
SVOCs	Pyrene			ug/L	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-76	W-76	W-76	W-76	W-76	W-76	W-76	W-76	W-76	W-76	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77
					Date	10/13/2020	4/9/2021	10/7/2021	4/5/2022	10/6/2022	1/3/2023	4/6/2023	10/10/2023	4/4/2024	10/2/2024	10/6/2019	4/14/2020	4/14/2020	10/7/2020	10/13/2020	4/7/2021	10/6/2021	4/5/2022	10/6/2022	10/6/2022	1/3/2023	4/4/2023	10/9/2023	4/9/2024	10/22/2024
					Type	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	FD	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	NA	6.80	8.71	6.42	NA	NA	NA	NA	NA	NA	865	399	441	776	NA	1110	221	358	NA	NA	NA	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L	NA	6.02	6.19	5.29	NA	NA	NA	NA	NA	NA	111	41.7	42.1	113	NA	101	36.4	62.5	NA	NA	NA	NA	NA	NA	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	NA	0 ##	0.0261 #	1.79 #	0.524 #	NA	0 ##	2.44 #	0 ##	0 ##	101	5.10	4.21	9.70	NA	8.38	2.50 #	1.70 #	25.3	7.54 #	NA	0 ##	1.10 #	3.22 #	0 ##
Radiological	Uranium-233/234			pCi/L	NA	4.06	5.03	4.81	NA	NA	5.95	NA	NA	NA	511	591	619	600	NA	937	268	309	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	0.299	0.162 #	0.273	NA	NA	0.399	NA	NA	NA	26.0	28.5	32.0	27.7	NA	40.9	17.0	15.8	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	0.837	1.27	0.983	NA	NA	0.911	NA	NA	NA	81.0	88.7	99.1	104	NA	148	44.4	51.6	NA	NA	NA	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	5.26	0 #	4.13	NA	NA	6.36	NA	NA	NA	4.75	4.75	4.77	3.98	NA	4.11	5.61	4.54	NA	NA	NA	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	0.089	0.104	0.111	0.097	NA	0.147	0.0470 J	< 0.0500	0.0390 J	0.0390 J	NA	0.0180 J	0.0260 J	0.0180 J	0.0310 J
Radiological	Uranium-235			ug/L	NA	0.0798	0.104	0.0992	0.130	NA	0.102	0.124	0.132	0.136	10.1	11.2	12.2	10.9	NA	14.7	5.52	5.85	4.63	4.49	NA	1.52	2.58	2.47	3.38
Radiological	Uranium-238			ug/L	NA	2.42	3.12	3.04	3.84	NA	2.99	3.52	3.95	3.98	237	253	251	264	NA	331	128	138	108	105	NA	38.0	57.5	56.9	80.4
Radiological	Total Uranium Isotopes	30		ug/L	NA	2.50	3.23	3.14	3.97	NA	3.09	3.65	4.09	4.12	247	264	263	275	NA	346	133	144	113	110	NA	39.5	60.1	59.4	83.8
Chemical	Fluoride	4		mg/L	2.18	1.91	2.66	3.7	NA	2.8	2.0	2.0	2.8	2.4	9.21	7.39	7.73	NA	14	23.9	14.8	15	NA	NA	11	7.86	10	7.77	10.4
Chemical	Nitrate as N	10		mg/L	NA	10	13	13	13	NA	11	10	13	13	12	20	19	5.2	NA	3.6	4.9	10	9.1	8.6	NA	4.77	5.6	6.11	8.81
Chemical	Ammonia as N			mg/L	0.0205 J	0.0301 J	0.0283 J	NA	NA	NA	NA	NA	NA	NA	7.11	17	16.8	NA	4.34	3.99	3.66	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	750	123 J	114 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.53 J	5.37 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	70.9	86.1	84.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9350	30400	30200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.55 J	1.68 J	1.74 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.27 J	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 J	57.7	57.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	223	120	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1970	6310	6270	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.83 J	14	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.14	7.46	6.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6270	9430	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	15.8 J	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	1.05 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	277000	453000	455000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.5	6.57	6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.5	65.6	64.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	< 20	< 20	< 20	< 20	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 20	< 20	< 20	NA	2.75 J	NA	9.12	NA
VOCs	Benzene	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Bromodichloromethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	3.4	1.6	1.4	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Bromoform			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	11	2.4	2.1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Bromomethane			ug/L	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	< 2.0	< 2	< 2	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 1.00	NA	< 1.00	NA
VOCs	2-Butanone			ug/L	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 5.00	NA	< 5.00	NA
VOCs	Carbon disulfide			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 5.00	NA	< 5.00	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Chlorobenzene	100		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Chloroethane			ug/L	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	< 2.0	< 2	< 2	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Chloroform			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	11	11	11	5.2	NA	5.4	4.1	< 1.0	< 1.0	< 1.0	NA	4.15	NA	2.70	NA
VOCs	Chloromethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Cyclohexane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	NA	0.17	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	3.6	1.2	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	NA	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	1,1-Dichloroethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	< 2.0	< 2	< 2	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 1.00	NA	< 1.00	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	< 1.0	< 1.00	< 1.00
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Ethylbenzene	700		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	2-Hexanone			ug/L	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 5.00	NA	< 5.00	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Methyl acetate			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 5.00	NA	< 5.00	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 5.00	NA	< 5.00	NA
VOCs	Methylcyclohexane			ug/L	NA	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	< 5.0	< 5	< 5	< 5.0	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Methylene chloride	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.520 J	NA	2.26	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-76	W-76	W-76	W-76	W-76	W-76	W-76	W-76	W-76	W-76	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77	W-77
				Date	10/13/2020	4/9/2021	10/7/2021	4/5/2022	10/6/2022	1/3/2023	4/6/2023	10/10/2023	4/4/2024	10/2/2024	10/6/2019	4/14/2020	4/14/2020	10/7/2020	10/13/2020	4/7/2021	10/6/2021	4/5/2022	10/6/2022	10/6/2022	1/3/2023	4/4/2023	10/9/2023	4/9/2024	10/22/2024
				Type	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	FD	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Tetrachloroethene	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	0.94 J	0.51 J	0.67 J	0.455 J	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	< 1.0	< 1.00	< 1.00
VOCs	Toluene	1000		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 5.00	NA	< 5.00	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Trichloroethene	5		ug/L	NA	27	26	15	2.6	NA	3.2	1.8	48	11.7	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	< 1.0	< 1.00	< 1.00
VOCs	Trichlorofluoromethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	NA	< 1.00	NA
VOCs	Vinyl chloride	2		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.00	< 1.0	< 1.00	< 1.00
VOCs	Xylenes, Total	10000		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 3.00	NA	< 3.00	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	NA	2.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-79	W-79	W-79	W-79	W-79	W-79	W-79	W-79	W-79
				Date	10/5/2019	4/14/2020	10/7/2020	10/13/2020	4/7/2021	4/7/2021	10/6/2021	4/5/2022	10/6/2022	1/5/2023	4/6/2023	10/9/2023	4/3/2024	4/3/2024	10/2/2024	10/7/2019	4/13/2020	10/6/2020	4/6/2021	10/6/2021	4/5/2022	10/5/2022	1/3/2023	4/6/2023	10/6/2023
				Type	N	N	N	N	N	FD	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																							
Radiological	Alpha particles	15	*	pCi/L	0 ##	1.82 #	1.44	NA	0.0827 #	0.166 #	0 ##	0 ##	NA	NA	NA	NA	NA	NA	NA	2.99 #	0.312 #	0.107 #	0 ##	0.864 #	0.529 #	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L	4.12 #	2.97 #	3.29 #	NA	3.78	1.27 #	0 ##	0 ##	NA	NA	NA	NA	NA	NA	NA	5.90	5.06	6.14	2.59 #	2.28 #	4.23	NA	NA	NA	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0 ##	0.0509 #	0 ##	NA	0 ##	0 ##	0 ##	0.904 #	0 ##	NA	0 ##	0.237 #	0 ##	0 ##	0.229 #	3.52 #	0.135 #	1.98 #	0.340 #	0 ##	2.77 #	0 ##	NA	0 ##	1.01 #
Radiological	Uranium-233/234			pCi/L	0.0921 #	0.0631 #	NA	NA	0.210 #	0 ##	0.195	0.0329 #	NA	NA	0.185 #	NA	NA	NA	NA	0.0539 #	0 ##	NA	0.0818 #	0.0283 #	0.102 #	NA	NA	0.0802 #	NA
Radiological	Uranium-235/236			pCi/L	0.0466 #	0.0946 #	NA	NA	0 ##	0 ##	0.138	0.0887 #	NA	NA	0.162 #	NA	NA	NA	NA	0 ##	0 ##	NA	0 #	0 ##	0.0468 #	NA	NA	0.152 #	NA
Radiological	Uranium-238			pCi/L	0.105 #	0.0207 #	NA	NA	0.0350 #	0.0113 #	0.0143 #	0 ##	NA	NA	0.188 #	NA	NA	NA	NA	0.115 #	0.0449 #	NA	0 ##	0.0340 #	0 ##	NA	NA	0.0740 #	NA
Radiological	Percent Uranium-235			%	0 #	0 #	NA	NA	0 #	0 #	60.0	0 #	NA	NA	0 #	NA	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	NA	0 #	NA
Radiological	Uranium-234			ug/L	< 0.050	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.070	< 0.0700	0.0103 J	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	0.0933 J	0.203	0.298	NA	0.222	0.132 J	0.186 J	0.180 J	0.278	NA	0.0807 J	< 0.200	0.0930 J	0.101 J	0.146 J	0.0892 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.0933 J	0.203	0.308	NA	0.222	0.132 J	0.186 J	0.180 J	0.278	NA	0.0807 J	< 0.200	0.0930 J	0.101 J	0.146 J	0.0892 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L	13.4	11.3	NA	12.6	8.85	8.92	13.6	13	NA	21	16	13	9.8	9.7	9.8	2.4	0.323	0.467	0.253	0.978	1.4	NA	0.50	0.62	0.84
Chemical	Nitrate as N	10		mg/L	3.5	4.4	3.1	NA	4.0	3.6	3.8	4.4	4.7	NA	3.7	7.6	5.6	5.8	5.2	4.0	5.1	3.8	5.3	3.9	19	4.7	NA	3.9	3.4
Chemical	Ammonia as N			mg/L	0.0271	0.0286	NA	0.0207 J	0.0294 J	0.0227 J	0.0219 J	NA	NA	NA	NA	NA	NA	NA	NA	0.0146	0.0099	0.0136 J	0.0127 J	0.0166 J	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	1320	1570	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	878	153 J	122 J	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	3.58 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.15 J	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	54.4	54.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	75.4	73.1	85.9	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.41 J	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	7500	9460	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11200	17000	15600	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.86 J	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	< 100	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	1420	1490	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5490	5310	5150	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	2.83 J	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.8	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	4090	3970	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4490	3500	4270	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	8.62 J	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.57 J	8.65 J	22.7 J	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	45500	39100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11500	9360	9660	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	7.88	7.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	8.47 J	8.24 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.87 J	7.51 J	19.5 J	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	NA	< 20	< 20	< 20	< 20	< 20	NA	< 20	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	< 20	NA
VOCs	Benzene	5		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Bromoform			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Bromomethane			ug/L	< 2.0	< 2	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA
VOCs	Carbon disulfide			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Chloroethane			ug/L	< 2.0	< 2	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA
VOCs	Chloroform			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Chloromethane			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Cyclohexane			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	< 0.020	NA	< 0.097	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	< 0.020	NA	< 0.097	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Methyl acetate			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5	< 5.0	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-78	W-79	W-79	W-79	W-79	W-79	W-79	W-79	W-79	W-79	W-79
					Date	10/5/2019	4/14/2020	10/7/2020	10/13/2020	4/7/2021	4/7/2021	10/6/2021	4/5/2022	10/6/2022	1/5/2023	4/6/2023	10/9/2023	4/3/2024	4/3/2024	10/2/2024	10/7/2019	4/13/2020	10/6/2020	4/6/2021	10/6/2021	4/5/2022	10/5/2022	1/3/2023	4/6/2023	10/6/2023
					Type	N	N	N	N	N	FD	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Tetrachloroethene	5		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	1,1,1-Trichloroethane	200		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	1,1,2-Trichloroethane	5		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Trichloroethene	5		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Vinyl chloride	2		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L		< 8.0	< 8	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L		< 20	< 20	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L		< 8.0	< 8	< 1.6	NA	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L		< 8.0	< 8	< 1.6	NA	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L		< 8.0	< 8	< 1.6	NA	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L		< 4.0	< 4	< 1.6	NA	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L		< 4.0	< 4	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L		< 8.0	< 8	< 1.6	NA	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		< 20	< 20	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L		< 8.0	< 8	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L		< 4.0	< 4	< 1.6	NA	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L		< 8.0	< 8	< 1.6	NA	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L		< 20	< 20	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L		< 8.0	< 8	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		< 4.0	< 4	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L		< 4.0	< 4	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L		< 8.0	< 8	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L		< 4.0	< 4	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L		< 4.0	< 4	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L		< 4.0	< 4	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L		< 4.0	< 4	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L		< 20	< 20	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L		< 20	< 20	< 4.0	NA	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L		NA	NA	< 1.0	NA	< 0.96	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.95	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L		< 4.0	< 4	< 0.80	NA	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L		< 0.80	< 0.8	< 0.16	NA	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-79	W-79	W-79	W-80	W-80	W-80	W-80	W-80	W-80	W-80	W-80	W-80	W-80	W-80	W-81	W-81	W-81	W-81	W-81	W-81	W-81	W-81	W-81
					Date	10/6/2023	4/3/2024	10/2/2024	10/6/2019	4/14/2020	10/6/2020	4/6/2021	10/7/2021	4/5/2022	10/5/2022	1/3/2023	4/6/2023	10/6/2023	4/2/2024	10/2/2024	10/8/2019	4/14/2020	10/6/2020	4/6/2021	10/7/2021	10/7/2021	4/6/2022	10/5/2022	4/11/2023	10/9/2023
					Type	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		NA	NA	NA	1.30 #	3.43	0.880 #	0.855 #	0 ##	2.69 #	NA	NA	NA	NA	NA	NA	0 ##	5.29	2.88 #	6.35	0.133 #	0 ##	4.37	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L		NA	NA	NA	7.29	9.42	7.91	6.93	5.69	9.20	NA	NA	NA	NA	NA	NA	1.23 #	8.64	3.09 #	2.90 #	5.84	5.85	0.877 #	NA	NA	NA
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		0.657 #	0 ##	0 ##	2.56 #	0 ##	0 ##	2.11 #	1.17 #	1.09 #	0 ##	NA	0.145 #	1.27 #	0 ##	0 ##	0 ##	0 ##	0 ##	0.663 #	0.279 #	1.20 #	0 ##	0.951 #	0.475 #	0.577 #
Radiological	Uranium-233/234			pCi/L		NA	NA	NA	0.154 #	0.167 #	NA	0 ##	0.142 #	0 ##	NA	NA	0.314	NA	NA	NA	0.00840 #	0.349	NA	1.38	0.874	0.910	0.650	NA	0.126 #	NA
Radiological	Uranium-235/236			pCi/L		NA	NA	NA	0.0254 #	0.0226 #	NA	0 ##	0 ##	0.0266 #	NA	NA	0.104 #	NA	NA	NA	0 ##	0.0590 #	NA	0.0324 #	0.0533 #	0.123 #	0 #	NA	0.0391 #	NA
Radiological	Uranium-238			pCi/L		NA	NA	NA	0.0695 #	0.106 #	NA	0.330 #	0.0345 #	0 #	NA	NA	0.212	NA	NA	NA	0.112 #	0.150 #	NA	0.633	0.477	0.231 #	0.380	NA	0.0404 #	NA
Radiological	Percent Uranium-235			%		NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	NA	0 #	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	0 #	NA	0 #	NA
Radiological	Uranium-234			ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	0.0286 J	0.0159 J	0.0166 J	0.0121 J	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L		< 0.200	< 0.200	< 0.200	0.151 J	0.177 J	0.122 J	0.0963 J	0.106 J	0.114 J	0.222	NA	0.287	< 0.200	0.299	0.164 J	0.0728 J	0.393	0.628	2.53	1.41	1.35	0.960	0.504	0.240	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	< 0.200	< 0.200	0.151 J	0.177 J	0.122 J	0.0963 J	0.106 J	0.114 J	0.222	NA	0.287	< 0.200	0.299	0.164 J	0.0728 J	0.393	0.628	2.55	1.42	1.36	0.972	0.504	0.240	< 0.200
Chemical	Fluoride	4		mg/L		0.71	1.1	0.50	1.57	0.121	0.269	0.333	0.282	0.38	NA	0.49	0.11	0.17	0.15	0.19	0.042	0.067	0.154	0.412	0.056 J	0.053 J	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L		3.7	3.5	4.2	8.3	16	7.9	18	9.2	8.0	6.3	NA	15	12	9.4	8.9	3.1	1.4	1.3	4.5	3.8	4.1	3.7	5.7	3.8	3.0
Chemical	Ammonia as N			mg/L		NA	NA	NA	0.0927	0.0158	0.0255 J	0.0137 J	0.0378 J	NA	NA	NA	NA	NA	NA	NA	0.0762	0.381	0.0389 J	0.139	0.0352 J	0.0268 J	NA	NA	NA	NA
Metals	Aluminum			ug/L		NA	NA	NA	1210	136 J	265	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	152 J	123 J	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	NA	5.32 J	< 20.0	5.09 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	NA	124	126	82.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	266	18.1	47.4	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	NA	1.59 J	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	NA	17000	22900	17500	NA	NA	NA	NA	NA	NA	NA	NA	NA	6000	14400	29700	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	NA	< 10.0	< 10.0	1.24 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	1.79 J	< 10.0	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	NA	6.06	1.47 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.3	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	NA	230	< 100	83.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	18800	< 100	62 J	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	NA	5240	5800	4470	NA	NA	NA	NA	NA	NA	NA	NA	NA	1930	215 J	369	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	NA	118	50.7	27.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	385	< 10.0	6.27 J	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	NA	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	NA	1.88 J	< 5.00	1.52 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.31 J	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	NA	7300	6190	6250	NA	NA	NA	NA	NA	NA	NA	NA	NA	4760	1250	1650	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	NA	12.2 J	10.4 J	17.6 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	9.74 J	15.8 J	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	NA	53600	17800	15200	NA	NA	NA	NA	NA	NA	NA	NA	NA	16800	2310	2830	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.25 J	1.55 J	< 5.00	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	NA	8.47 J	17.1 J	19.8 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.59 J	7.08 J	21.9	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA
VOCs	Benzene	5		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Bromodichloromethane			ug/L		NA	NA	NA	< 1.0	2.8	< 1.0	7.7	1.4	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Bromoform			ug/L		NA	NA	NA	3.9	3.8	< 1.0	280	58	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	1.8	12	6.2	6.3	17	12	< 1.0	NA
VOCs	Bromomethane			ug/L		NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA
VOCs	2-Butanone			ug/L		NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA
VOCs	Carbon disulfide			ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Carbon tetrachloride	5		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Chlorobenzene	100		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Chloroethane			ug/L		NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA
VOCs	Chloroform			ug/L		NA	NA	NA	< 1.0	2.3	1.7	5.9	4.6	1.6	< 1.0	NA	0.45 J	NA	NA	NA	< 1.0	< 1	< 1.0	3.6	2.7	2.6	3.5	2.1	1.8	NA
VOCs	Chloromethane			ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Cyclohexane			ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	NA	< 0.020	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.044	< 0.97	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		NA	NA	NA	1.8	5.1	< 1.0	23	4.1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	2.9	1.5	1.5	1.5	1.1	< 1.0	NA
VOCs	1,2-Dibromoethane	0.05		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	NA	< 0.020	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.97	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,3-Dichlorobenzene			ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,4-Dichlorobenzene	75		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1-Dichloroethane			ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Dichlorodifluoromethane			ug/L		NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA
VOCs	1,2-Dichloroethane	5		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1-Dichloroethene	7		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dichloropropane	5		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	cis-1,3-Dichloropropene			ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	trans-1,3-Dichloropropene			ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Ethylbenzene	700		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	2-Hexanone			ug/L		NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA
VOCs	(1-Methylethyl)-Benzene			ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Methyl acetate			ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Methyl tert-butyl ether			ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	4-Methyl-2-pentanone			ug/L		NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA
VOCs	Methylcyclohexane			ug/L		NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
VOCs	Methylene chloride	5		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Naphthalene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-79	W-79	W-79	W-80	W-80	W-80	W-80	W-80	W-80	W-80	W-80	W-80	W-80	W-80	W-81	W-81	W-81	W-81	W-81	W-81	W-81	W-81	W-81	W-81
				Date	10/6/2023	4/3/2024	10/2/2024	10/6/2019	4/14/2020	10/6/2020	4/6/2021	10/7/2021	4/5/2022	10/5/2022	1/3/2023	4/6/2023	10/6/2023	4/2/2024	10/2/2024	10/8/2019	4/14/2020	10/6/2020	4/6/2021	10/7/2021	10/7/2021	4/6/2022	10/5/2022	4/11/2023	10/9/2023
				Type	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1.0	< 0.600	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.600	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	0.87 J	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	< 1.0	< 0.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.99	< 0.96	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-81	W-81	W-82	W-82	W-82	W-82	W-82	W-82	W-82	W-82	W-82	W-82	W-83	W-83	W-83	W-83	W-83	W-83	W-83	W-83	W-83	W-84
					Date	4/3/2024	10/2/2024	10/8/2019	4/14/2020	10/6/2020	4/6/2021	10/7/2021	4/6/2022	10/5/2022	4/5/2023	10/9/2023	4/2/2024	10/2/2024	10/8/2019	4/13/2020	10/6/2020	4/6/2021	10/7/2021	4/6/2022	10/5/2022	4/5/2023	10/9/2023	4/2/2024	10/1/2024	10/8/2019
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		NA	NA	1.37 #	2.27 #	1.17 #	2.66	1.76 #	0 ##	NA	NA	NA	NA	NA	0.300 #	1.90 #	2.98 #	0 ##	1.50 #	0.941 #	NA	NA	NA	NA	NA	0 ##
Radiological	Beta particles	50	*	pCi/L		NA	NA	4.82	6.49	2.49 #	0.370 #	1.51 #	2.25 #	NA	NA	NA	NA	NA	2.75 #	3.68 #	0.568 #	0.207 #	0.822 #	3.70 #	NA	NA	NA	NA	NA	3.97 #
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		0.223 #	1.51 #	0 ##	0 ##	0 ##	0.0115 #	1.72 #	0 ##	1.01 #	2.04 #	0 ##	0 ##	0 ##	0.914 #	0 ##	0 ##	0.692 #	1.28 #	0 ##	0.616 #	1.95 #	3.31 #	0 ##	1.28 #	0 ##
Radiological	Uranium-233/234			pCi/L		NA	NA	0.0453 #	0.0344 #	NA	0 ##	0 ##	0.173 #	NA	NA	NA	NA	NA	0.603	0.0991 #	NA	0 ##	0 ##	0.130 #	NA	NA	NA	NA	NA	0.0661 #
Radiological	Uranium-235/236			pCi/L		NA	NA	0 #	0.00931 #	NA	0.0729 #	0.0551 #	0.00942 #	NA	NA	NA	NA	NA	0.161 #	0.0149 #	NA	0 #	0.0143 #	0.0175 #	NA	NA	NA	NA	NA	0.0491 #
Radiological	Uranium-238			pCi/L		NA	NA	0.140 #	0.00738 #	NA	0.00134 #	0 ##	0.0846 #	NA	NA	NA	NA	NA	0 ##	0.0242 #	NA	0 ##	0.00330 #	0.0957 #	NA	NA	NA	NA	NA	0 ##
Radiological	Percent Uranium-235			%		NA	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	NA	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	NA	NA	NA	NA	0 #
Radiological	Uranium-234			ug/L		< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050
Radiological	Uranium-235			ug/L		< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070
Radiological	Uranium-238			ug/L		0.0835 J	0.0675 J	0.151 J	< 0.200	0.0923 J	< 0.200	< 0.200	0.254	0.128 J	0.209	0.0807 J	0.189 J	0.398	< 0.200	< 0.200	0.0837 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0704 J
Radiological	Total Uranium Isotopes	30		ug/L		0.0835 J	0.0675 J	0.151 J	< 0.200	0.0923 J	< 0.200	< 0.200	0.254	0.128 J	0.209	0.0807 J	0.189 J	0.398	< 0.200	< 0.200	0.0837 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0704 J
Chemical	Fluoride	4		mg/L		< 0.10	< 0.10	0.046	0.041	0.051 J	0.0240 J	0.064 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.079	0.104	0.126	0.0590 J	0.115	< 0.10	0.34	< 0.10	0.15	0.12	0.19	0.087
Chemical	Nitrate as N	10		mg/L		4.2	3.5	0.99	1.8	1.5	3.0	1.8	0.53	1.4	0.87	1.0	2.1	2.4	0.76	0.8	0.69	1.1	0.85	0.50	1.0	1.1	0.85	1.0	0.95	< 0.020
Chemical	Ammonia as N			mg/L		NA	NA	0.0275	0.0209	0.0215 J	0.0134 J	0.0221 J	NA	NA	NA	NA	NA	NA	0.0099	0.0099	0.0289 J	0.00910 J	0.0243 J	NA	NA	NA	NA	NA	NA	0.0119
Metals	Aluminum			ug/L		NA	NA	107 J	85 J	< 200	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	108 J	NA	NA	NA	NA	NA	NA	NA	NA	< 200
Metals	Antimony	6		ug/L		NA	NA	7.19 J	< 20.0	6.36 J	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0
Metals	Arsenic	10		ug/L		NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0
Metals	Barium	2000		ug/L		NA	NA	162	188	211	NA	NA	NA	NA	NA	NA	NA	NA	114	96.3	126	NA	NA	NA	NA	NA	NA	NA	NA	215
Metals	Beryllium	4		ug/L		NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00
Metals	Cadmium	5		ug/L		NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00
Metals	Calcium			ug/L		NA	NA	1520	6720	2640	NA	NA	NA	NA	NA	NA	NA	NA	4120	6020	8230	NA	NA	NA	NA	NA	NA	NA	NA	5960
Metals	Chromium	100		ug/L		NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0
Metals	Cobalt			ug/L		NA	NA	17.3	8.17	14.7	NA	NA	NA	NA	NA	NA	NA	NA	10	3.65 J	5.99	NA	NA	NA	NA	NA	NA	NA	NA	19
Metals	Copper	1300		ug/L		NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0
Metals	Iron			ug/L		NA	NA	3030	63.4 J	47.2 J	NA	NA	NA	NA	NA	NA	NA	NA	226	122	469	NA	NA	NA	NA	NA	NA	NA	NA	2710
Metals	Lead	15		ug/L		NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0
Metals	Magnesium			ug/L		NA	NA	902	1100	1160	NA	NA	NA	NA	NA	NA	NA	NA	2200	1420	1830	NA	NA	NA	NA	NA	NA	NA	NA	2390
Metals	Manganese			ug/L		NA	NA	227	93.1	146	NA	NA	NA	NA	NA	NA	NA	NA	170	63.2	83.1	NA	NA	NA	NA	NA	NA	NA	NA	1060
Metals	Mercury	2		ug/L		NA	NA	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200
Metals	Nickel			ug/L		NA	NA	2.93 J	2.56 J	3.87 J	NA	NA	NA	NA	NA	NA	NA	NA	2.44 J	< 5.00	2.79 J	NA	NA	NA	NA	NA	NA	NA	NA	2.19 J
Metals	Potassium			ug/L		NA	NA	1830	4650	1680	NA	NA	NA	NA	NA	NA	NA	NA	1360	1510	2400	NA	NA	NA	NA	NA	NA	NA	NA	1720
Metals	Selenium	50		ug/L		NA	NA	< 30.0	< 30.0	10.7 J	NA	NA	NA	NA	NA	NA	NA	NA	6.14 J	11.3 J	9.16 J	NA	NA	NA	NA	NA	NA	NA	NA	9.95 J
Metals	Silver			ug/L		NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	1.54 J	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	1.23 J
Metals	Sodium			ug/L		NA	NA	25600	7730	24200	NA	NA	NA	NA	NA	NA	NA	NA	23200	17300	26800	NA	NA	NA	NA	NA	NA	NA	NA	25600
Metals	Thallium	2		ug/L		NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0
Metals	Vanadium			ug/L		NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00
Metals	Zinc			ug/L		NA	NA	13.1 J	105	44	NA	NA	NA	NA	NA	NA	NA	NA	8.73 J	16.6 J	37.3	NA	NA	NA	NA	NA	NA	NA	NA	13.9 J
VOCs	Acetone			ug/L		NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20
VOCs	Benzene	5		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Bromodichloromethane			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Bromoform			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Bromomethane			ug/L		NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0
VOCs	2-Butanone			ug/L		NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10
VOCs	Carbon disulfide			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	2.1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Carbon tetrachloride	5		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Chlorobenzene	100		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Chloroethane			ug/L		NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0
VOCs	Chloroform			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	1.3	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Chloromethane			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Cyclohexane			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	0.027	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,1-Dichloroethane			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Dichlorodifluoromethane			ug/L		NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Ethylbenzene	700		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	2-Hexanone			ug/L		NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Methyl acetate			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Methyl tert-butyl ether			ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L		NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10
VOCs	Methylcyclohexane			ug/L		NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0
VOCs	Methylene chloride	5		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Naphthalene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-81	W-81	W-82	W-82	W-82	W-82	W-82	W-82	W-82	W-82	W-82	W-82	W-83	W-83	W-83	W-83	W-83	W-83	W-83	W-83	W-83	W-84
				Date	4/3/2024	10/2/2024	10/8/2019	4/14/2020	10/6/2020	4/6/2021	10/7/2021	4/6/2022	10/5/2022	4/5/2023	10/9/2023	4/2/2024	10/2/2024	10/8/2019	4/13/2020	10/6/2020	4/6/2021	10/7/2021	4/6/2022	10/5/2022	4/5/2023	10/9/2023	4/2/2024	10/1/2024	10/8/2019
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 0.600	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0
VOCs	Toluene	1000		ug/L	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Trichloroethene	5		ug/L	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.77 J	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	0.40 J	0.43 J	0.43 J	0.342 J	< 1.0
VOCs	Trichlorofluoromethane			ug/L	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0
VOCs	Xylenes, Total	10000		ug/L	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 8.0
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 20
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	< 8.0
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	< 8.0
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	2-Chlorophenol			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	2-Methylphenol			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	2-Nitroaniline			ug/L	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	< 8.0
SVOCs	2-Nitrophenol			ug/L	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	3-Nitroaniline			ug/L	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	< 8.0
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 20
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	4-Chloroaniline			ug/L	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 8.0
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	4-Methylphenol			ug/L	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	4-Nitroaniline			ug/L	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	< 8.0
SVOCs	4-Nitrophenol			ug/L	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 20
SVOCs	Acenaphthene			ug/L	NA	NA	< 0.80	< 0.8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Acenaphthylene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Acetophenone			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Anthracene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Atrazine	3		ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Benz(a)anthracene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Benzaldehyde			ug/L	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 8.0
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Caprolactam			ug/L	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 8.0
SVOCs	Carbazole			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Chrysene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Dibenzofuran			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Diethyl phthalate			ug/L	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Dimethyl phthalate			ug/L	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Fluoranthene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Fluorene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 20
SVOCs	Hexachloroethane			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Isophorone			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Naphthalene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Nitrobenzene			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	< 20
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	< 0.99	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.96	< 0.96	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Phenol			ug/L	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	< 4.0
SVOCs	Pyrene			ug/L	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	< 0.80
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-84	W-84	W-84	W-84	W-84	W-84	W-84	W-84	W-84	W-84	W-85	W-85	W-85	W-85	W-85	W-85	W-85	W-85	W-85	W-85	W-86	W-86	W-86	W-86
					Date	4/13/2020	10/6/2020	4/6/2021	10/7/2021	4/6/2022	10/4/2022	4/5/2023	10/9/2023	4/2/2024	10/1/2024	10/23/2019	4/28/2020	10/23/2020	4/22/2021	10/22/2021	4/25/2022	10/19/2022	4/19/2023	10/18/2023	4/16/2024	10/15/2024	10/23/2019	4/28/2020	10/23/2020	10/23/2020
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Group	Analyte	MCL	note	Units																										
Radiological	Alpha particles	15	*	pCi/L	4.27	0 ##	0.295 #	0 ##	0 ##	NA	NA	NA	NA	NA	1.42 #	1.74 #	0.493 #	1.26 #	2.78 #	1.26 #	NA	NA	NA	NA	NA	0.317 #	1.90 #	0.214 #	0.956 #
Radiological	Beta particles	50	*	pCi/L	6.12	3.88	2.14 #	0.282 #	2.51 #	NA	NA	NA	NA	NA	1.23 #	3.47	0.347 #	3.55 #	1.85 #	3.11 #	NA	NA	NA	NA	NA	7.12	0.0942 #	0.0401 #	2.55 #
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0 ##	0.481 #	0.165 #	1.48 #	0 ##	0 ##	2.13 #	0 ##	0 ##	0.401 #	19.3 #	0 ##	0.599 #	1.98 #	0 ##	0.582 #	0 ##	1.24 #	1.15 #	0.259 #	0.246 #	8.88 #	0 ##	0 ##	1.16 #
Radiological	Uranium-233/234			pCi/L	0.0943 #	NA	0 ##	0 ##	0.0595 #	NA	NA	NA	NA	NA	0.0494 #	0 ##	NA	0 ##	0 ##	0 ##	NA	0.179 #	NA	NA	NA	0.125 #	0.0841 #	NA	NA
Radiological	Uranium-235/236			pCi/L	0.00983 #	NA	0 ##	0.0486 #	0.0225 #	NA	NA	NA	NA	NA	0.0621 #	0.0349 #	NA	0 #	0 ##	0.133 #	NA	0.171 #	NA	NA	NA	0.130 #	0.00967 #	NA	NA
Radiological	Uranium-238			pCi/L	0.0161 #	NA	0.0842 #	0.0434 #	0.139 #	NA	NA	NA	NA	NA	0.0502 #	0.00884 #	NA	0.0921 #	0 ##	0.0794 #	NA	0.0920 #	NA	NA	NA	0.137 #	0.0315 #	NA	NA
Radiological	Percent Uranium-235			%	0 #	NA	0 #	0 #	0 #	NA	NA	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.131 J	0.0781 J	0.106 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0835 J
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.131 J	0.0781 J	0.106 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0835 J
Chemical	Fluoride	4		mg/L	0.107	0.077 J	0.0580 J	0.092 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.11	0.23	0.217	0.183	0.190	0.152	0.23	0.12	0.12	0.29	0.27	0.17	0.511	0.473	0.455	0.459
Chemical	Nitrate as N	10		mg/L	< 0.02	0.065	< 0.020	0.091	< 0.020	< 0.020	0.089	0.034	0.17	< 0.020	0.039	0.023	< 0.020	< 0.020	< 0.020	0.14	0.062	0.028	0.11	0.15	0.10	< 0.020	< 0.02	< 0.020	< 0.020
Chemical	Ammonia as N			mg/L	0.0202	0.0207 J	0.00850 J	0.0236 J	NA	NA	NA	NA	NA	NA	0.03	0.129	0.0619 J	0.0727 J	0.127	NA	NA	NA	NA	NA	NA	0.0073	0.0137	0.0173 J	0.0168 J
Metals	Aluminum			ug/L	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	419	215	NA	NA
Metals	Antimony	6		ug/L	< 20.0	4.83 J	NA	NA	NA	NA	NA	NA	NA	NA	6.48 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA
Metals	Arsenic	10		ug/L	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	7.94 J	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.58 J	< 30.0	NA	NA
Metals	Barium	2000		ug/L	234	235	NA	NA	NA	NA	NA	NA	NA	NA	236	189	NA	NA	NA	NA	NA	NA	NA	NA	NA	101	78.9	NA	NA
Metals	Beryllium	4		ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA
Metals	Cadmium	5		ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA
Metals	Calcium			ug/L	5380	3390	NA	NA	NA	NA	NA	NA	NA	NA	9410	7430	NA	NA	NA	NA	NA	NA	NA	NA	NA	2060	1000	NA	NA
Metals	Chromium	100		ug/L	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	1.02 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	1.26 J	NA	NA
Metals	Cobalt			ug/L	17.8	26.5	NA	NA	NA	NA	NA	NA	NA	NA	2.69 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.99 J	2.75 J	NA	NA
Metals	Copper	1300		ug/L	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA
Metals	Iron			ug/L	1810	4280	NA	NA	NA	NA	NA	NA	NA	NA	23900	21400	NA	NA	NA	NA	NA	NA	NA	NA	NA	7810	2000	NA	NA
Metals	Lead	15		ug/L	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	7.16 J	4.32 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA
Metals	Magnesium			ug/L	2320	1490	NA	NA	NA	NA	NA	NA	NA	NA	3970	3350	NA	NA	NA	NA	NA	NA	NA	NA	NA	1180	621	NA	NA
Metals	Manganese			ug/L	1060	1370	NA	NA	NA	NA	NA	NA	NA	NA	242	212	NA	NA	NA	NA	NA	NA	NA	NA	NA	39.6	18.3	NA	NA
Metals	Mercury	2		ug/L	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA
Metals	Nickel			ug/L	< 5.00	2.91 J	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.64 J	< 5.00	NA	NA
Metals	Potassium			ug/L	1420	1180	NA	NA	NA	NA	NA	NA	NA	NA	1620	1520	NA	NA	NA	NA	NA	NA	NA	NA	NA	174	75.8 J	NA	NA
Metals	Selenium	50		ug/L	< 30.0	8.22 J	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	14.2 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA
Metals	Silver			ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.44 J	< 5.00	NA	NA
Metals	Sodium			ug/L	21500	24800	NA	NA	NA	NA	NA	NA	NA	NA	46200	40600	NA	NA	NA	NA	NA	NA	NA	NA	NA	51000	49800	NA	NA
Metals	Thallium	2		ug/L	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA
Metals	Vanadium			ug/L	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	1.57 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.1 J	< 5.00	NA	NA
Metals	Zinc			ug/L	7.84 J	18.3 J	NA	NA	NA	NA	NA	NA	NA	NA	3.73 J	4.45 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.59 J	7.37 J	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Bromoform			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Bromomethane			ug/L	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Chloroethane			ug/L	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0
VOCs	Chloroform			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Chloromethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019
VOCs	Dibromochloromethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-84	W-84	W-84	W-84	W-84	W-84	W-84	W-84	W-84	W-84	W-85	W-85	W-85	W-85	W-85	W-85	W-85	W-85	W-85	W-85	W-86	W-86	W-86	W-86
					Date	4/13/2020	10/6/2020	4/6/2021	10/7/2021	4/6/2022	10/4/2022	4/5/2023	10/9/2023	4/2/2024	10/1/2024	10/23/2019	4/28/2020	10/23/2020	4/22/2021	10/22/2021	4/25/2022	10/19/2022	4/19/2023	10/18/2023	4/16/2024	10/15/2024	10/23/2019	4/28/2020	10/23/2020	10/23/2020
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Group	Analyte	MCL	note	Units																										
VOCs	1,1,2,2-Tetrachloroethane			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1.0	< 1	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.78 J	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2,4,5-Trichlorophenol			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2,4,6-Trichlorophenol			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2,4-Dichlorophenol			ug/L		< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80
SVOCs	2,4-Dimethylphenol			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2,4-Dinitrophenol			ug/L		< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0
SVOCs	2,4-Dinitrotoluene			ug/L		< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6
SVOCs	2,6-Dinitrotoluene			ug/L		< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6
SVOCs	2-Chloronaphthalene			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2-Chlorophenol			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2-Methylnaphthalene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	2-Methylphenol			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	2-Nitroaniline			ug/L		< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6
SVOCs	2-Nitrophenol			ug/L		< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6
SVOCs	3,3'-Dichlorobenzidine			ug/L		< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0
SVOCs	3-Nitroaniline			ug/L		< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0
SVOCs	4-Bromophenyl phenyl ether			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	4-Chloro-3-methylphenol			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	4-Chloroaniline			ug/L		< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80
SVOCs	4-Chlorophenyl phenyl ether			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	4-Methylphenol			ug/L		< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6
SVOCs	4-Nitroaniline			ug/L		< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6
SVOCs	4-Nitrophenol			ug/L		< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0
SVOCs	Acenaphthene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Acenaphthylene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Acetophenone			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Anthracene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Atrazine	3		ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Benz(a)anthracene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Benzaldehyde			ug/L		< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0
SVOCs	Benzo(a)pyrene	0.2		ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Benzo(b)fluoranthene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Benzo(g,h,i)perylene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Benzo(k)fluoranthene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Bis(2-chloroethoxy)methane			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Bis(2-chloroethyl)ether			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0
SVOCs	Butyl benzyl phthalate			ug/L		< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0
SVOCs	Caprolactam			ug/L		< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0
SVOCs	Carbazole			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Chrysene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Di-n-butyl phthalate			ug/L		< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0
SVOCs	Di-n-octyl phthalate			ug/L		< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0
SVOCs	Dibenz(a,h)anthracene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Dibenzofuran			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Diethyl phthalate			ug/L		< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0
SVOCs	Dimethyl phthalate			ug/L		< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0
SVOCs	Fluoranthene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Fluorene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Hexachlorobenzene	1		ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Hexachlorobutadiene			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Hexachlorocyclopentadiene	50		ug/L		< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0
SVOCs	Hexachloroethane			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Isophorone			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	N-Nitrosodi-n-propylamine			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	N-Nitrosodiphenylamine			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Naphthalene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Nitrobenzene			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Pentachlorophenol	1		ug/L		< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0
SVOCs	Pentachlorophenol (SIM)	1		ug/L		NA	< 0.98	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0
SVOCs	Phenanthrene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Phenol			ug/L		< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80
SVOCs	Pyrene			ug/L		< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16
SVOCs	Tributylphosphate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-86	W-86	W-86	W-86	W-86	W-86	W-86	W-86	W-86	W-87	W-87	W-87	W-87	W-87	W-87	W-87	W-87	W-87	W-87	W-88	W-88	W-88	W-88	W-88	W-88
					Date	4/22/2021	10/22/2021	4/25/2022	10/19/2022	4/19/2023	10/18/2023	4/16/2024	10/15/2024	10/2/2019	4/15/2020	10/14/2020	4/15/2021	10/13/2021	4/11/2022	10/11/2022	4/12/2023	10/17/2023	4/8/2024	10/7/2024	10/22/2019	4/17/2020	10/19/2020	4/21/2021	10/21/2021	4/15/2022
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																										
Radiological	Alpha particles	15	*	pCi/L		2.40 #	0 ##	0.180 #	NA	NA	NA	NA	NA	1.68 #	3.87	0 ##	4.42	2.81	0.408 #	NA	NA	NA	NA	NA	2.50 #	3.63	0 ##	3.35 #	0.593 #	0 ##
Radiological	Beta particles	50	*	pCi/L		2.56 #	0.663 #	1.60 #	NA	NA	NA	NA	NA	4.92	1.57 #	0.453 #	1.01 #	9.79	4.06 #	NA	NA	NA	NA	NA	2.05 #	4.16 #	0.984 #	3.64 #	0.117 #	1.92 #
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		0.664 #	0 ##	0.347 #	0 ##	0.473 #	1.55 #	0 ##	0 ##	0.787 #	0 ##	0 ##	0 ##	1.05 #	0.437 #	1.14 #	0 ##	0 ##	0 ##	0 ##	6.34 #	1.15 #	1.15 #	1.42 #	1.74 #	2.08 #
Radiological	Uranium-233/234			pCi/L		0 ##	0 ##	0.0372 #	NA	0.118 #	NA	NA	NA	0.175 #	0.0251 #	NA	0.00879 #	0.0823 #	0.242 #	NA	0.0595 #	NA	NA	NA	0.107 #	0.0393 #	NA	0 ##	0 ##	0 ##
Radiological	Uranium-235/236			pCi/L		0 #	0 ##	0 ##	NA	0 ##	NA	NA	NA	0.00163 #	0 ##	NA	0 #	0.0296 #	0 ##	NA	0 ##	NA	NA	NA	0.0449 #	0 ##	NA	0.0337 #	0.0772 #	0 #
Radiological	Uranium-238			pCi/L		0 ##	0.147 #	0.142 #	NA	0.0456 #	NA	NA	NA	0.151 #	0 ##	NA	0.0853 #	0.0689 #	0.183 #	NA	0.0827 #	NA	NA	NA	0.185 #	0 ##	NA	0 ##	0 ##	0.0969 #
Radiological	Percent Uranium-235			%		0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #
Radiological	Uranium-234			ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0784 J	0.457	0.139 J	0.123 J	0.351	0.445	0.611	0.503	0.180 J	0.374	0.205	0.190 J	< 0.200	< 0.200	< 0.200	0.108 J	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0784 J	0.457	0.139 J	0.123 J	0.351	0.445	0.611	0.503	0.180 J	0.374	0.205	0.190 J	< 0.200	< 0.200	< 0.200	0.108 J	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L		0.432	0.377	0.52	0.44	0.40	0.50	0.47	0.46	0.278	0.239	0.133	0.115	0.117	0.14	< 0.10	< 0.10	0.10	< 0.10	< 0.10	0.012	< 0.1	< 0.1	0.0220 J	0.034 J	< 0.10
Chemical	Nitrate as N	10		mg/L		< 0.020	< 0.020	0.27	< 0.020	< 0.020	< 0.020	0.14	0.077	0.055	0.045	0.04	0.097	0.19	0.085	0.36	0.46	0.70	0.68	0.79	4.5	4.3	4.2	4.0	3.5	3.5
Chemical	Ammonia as N			mg/L		0.168	0.0166 J	NA	NA	NA	NA	NA	NA	0.0127	0.0306	0.031 J	0.0282 J	0.027 J	NA	NA	NA	NA	NA	NA	0.0127	0.0157	0.0322 J	0.00640 J	0.0194 J	NA
Metals	Aluminum			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	382	79.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	5.21 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	89.8	44.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	90.5	96	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	5440	3160	NA	NA	NA	NA	NA	NA	NA	NA	NA	5450	5280	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	1.02 J	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	4.87 J	1.65 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.08 J	< 5.00	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	3160	979	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	1770	912	NA	NA	NA	NA	NA	NA	NA	NA	NA	1840	1610	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	386	197	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.1 J	5.36 J	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.54 J	1.58 J	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	2250	1760	NA	NA	NA	NA	NA	NA	NA	NA	NA	2010	1820	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	6.47 J	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	32500	28700	NA	NA	NA	NA	NA	NA	NA	NA	NA	6330	5820	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	2.74 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	7.31 J	6.35 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.3 J	9.51 J	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromoform			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Bromomethane			ug/L		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	2-Butanone			ug/L		< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L		< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloroethane			ug/L		< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	Chloroform			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Chloromethane			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L		< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	2.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L		< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L		< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L		< 5.0	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L		< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-86	W-86	W-86	W-86	W-86	W-86	W-86	W-86	W-86	W-87	W-87	W-87	W-87	W-87	W-87	W-87	W-87	W-87	W-87	W-88	W-88	W-88	W-88	W-88	W-88
				Date	4/22/2021	10/22/2021	4/25/2022	10/19/2022	4/19/2023	10/18/2023	4/16/2024	10/15/2024	10/2/2019	4/15/2020	10/14/2020	4/15/2021	10/13/2021	4/11/2022	10/11/2022	4/12/2023	10/17/2023	4/8/2024	10/7/2024	10/22/2019	4/17/2020	10/19/2020	4/21/2021	10/21/2021	4/15/2022
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	38	41	45	40	34	26	41	39	33	24	25.7	4.1	3.9	3.4	2.7	2.4	2.0
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	11	8.6	8.2	8.5	6.6	7.1	10	12	6.6	6.9	5.12	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	2-Methylphenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	4-Methylphenol			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Acetophenone			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Anthracene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Atrazine	3		ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzaldehyde			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Caprolactam			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA
SVOCs	Carbazole			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Chrysene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Dibenzofuran			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Fluorene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	Hexachloroethane			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Isophorone			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Naphthalene			ug/L	0.95	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Nitrobenzene			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.97	< 1.0	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Phenol			ug/L	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA
SVOCs	Pyrene			ug/L	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-88	W-88	W-88	W-88	W-88	W-89	W-89	W-89	W-89	W-89	W-89	W-89	W-89	W-89	W-89	W-89	W-90	W-90	W-90	W-90	W-90	W-90	W-90	W-90
					Date	10/18/2022	4/18/2023	10/16/2023	4/11/2024	10/8/2024	10/22/2019	4/17/2020	10/19/2020	4/21/2021	10/21/2021	4/15/2022	10/18/2022	4/18/2023	4/18/2023	10/16/2023	4/11/2024	10/8/2024	10/22/2019	4/17/2020	10/20/2020	4/20/2021	10/20/2021	4/18/2022	10/18/2022	4/17/2023
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		NA	NA	NA	NA	NA	0.498 #	1.61 #	1.02 #	0.330 #	0.991 #	2.37 #	NA	NA	NA	NA	NA	NA	0.889 #	3.85	1.19 #	2.04 #	0.419 #	1.72 #	NA	NA
Radiological	Beta particles	50	*	pCi/L		NA	NA	NA	NA	NA	0 ##	1.25 #	0.115 #	2.67 #	2.99 #	0 ##	NA	NA	NA	NA	NA	NA	23.1	2.69 #	0.143 #	2.37 #	2.13 #	0 ##	NA	NA
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		1.33 #	0 ##	1.75 #	0.894 #	0.0902 #	27.5 #	0 ##	0.647 #	0 ##	0.544 #	2.06 #	1.89 #	0 ##	0 ##	0.379 #	0 ##	0.0421 #	6.68 #	0 ##	0.404 #	0 ##	0.185 #	1.92 #	3.48	0.103 #
Radiological	Uranium-233/234			pCi/L		NA	0.0699 #	NA	NA	NA	0.209 #	0 ##	NA	0 ##	0.107 #	0.0284 #	NA	0.0593 #	0 ##	NA	NA	NA	0.0370 #	0 ##	NA	0 ##	0 ##	0.0292 #	NA	0.134 #
Radiological	Uranium-235/236			pCi/L		NA	0 ##	NA	NA	NA	0 ##	0.0379 #	NA	0.0326 #	0 ##	0.0583 #	NA	0.102 #	0.0399 #	NA	NA	NA	0.0653 #	0 ##	NA	0 ##	0 ##	0.103 #	NA	0.0485 #
Radiological	Uranium-238			pCi/L		NA	0 ##	NA	NA	NA	0 ##	0 ##	NA	0 ##	0.0119 #	0 ##	NA	0.0688 #	0 #	NA	NA	NA	0 ##	0 ##	NA	0.0976 #	0 ##	0.0732 #	NA	0 ##
Radiological	Percent Uranium-235			%		NA	0 #	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	0 #	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #
Radiological	Uranium-234			ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0916 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0916 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.011	0.001	< 0.1	0.0170 J	0.067 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.039	< 0.1	< 0.1	0.0160 J	0.013 J	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L		3.5	3.2	3.1	3.2	3.1	2.5	2.5	2.7	2.3	2.2	2.3	2.5	2.2	2.3	1.9	1.8	1.7	2.3	1.4	2.5	1.7	2.8	2.7	1.9	< 0.020
Chemical	Ammonia as N			mg/L		NA	NA	NA	NA	NA	0.0132	0.0336	0.0176 J	0.00760 J	0.019 J	NA	NA	NA	NA	NA	NA	NA	0.0147	0.0174	0.0456 J	0.0204 J	0.0165 J	NA	NA	NA
Metals	Aluminum			ug/L		NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	NA	NA	NA	94	83.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	101	92.7	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	NA	NA	NA	4380	3190	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3540	3030	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	NA	NA	NA	2.85 J	3.76 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	NA	NA	NA	1.08 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.62 J	1.17 J	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 100	< 100	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.88 J	< 20.0	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	NA	NA	NA	1940	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1300	976	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	NA	NA	NA	7.45 J	3.6 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.5	9.78 J	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	NA	NA	NA	< 5.00	1.53 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	2.05 J	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	NA	NA	NA	1680	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1710	1710	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	NA	NA	NA	3430	7460	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6810	6600	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	NA	NA	NA	< 20.0	6.15 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.93 J	9.32 J	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 25.0	< 20	< 20	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	< 20	< 20	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 50.0	< 20
VOCs	Benzene	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Bromodichloromethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Bromoform			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Bromomethane			ug/L		< 2.0	< 2.0	< 2.0	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 2.0
VOCs	2-Butanone			ug/L		< 5.0	< 10	< 10	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	< 10	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10.0	< 10
VOCs	Carbon disulfide			ug/L		NA	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Carbon tetrachloride	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Chlorobenzene	100		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Chloroethane			ug/L		< 1.0	< 2.0	< 2.0	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	Chloroform			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Chloromethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Cyclohexane			ug/L		NA	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 2.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L		NA	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L		< 1.0	< 2.0	< 2.0	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Ethylbenzene	700		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	2-Hexanone			ug/L		< 5.0	< 10	< 10	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	< 10	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10.0	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L		NA	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Methyl acetate			ug/L		NA	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	Methyl tert-butyl ether			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L		< 5.0	< 10	< 10	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	< 10	< 10	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10.0	< 10
VOCs	Methylcyclohexane			ug/L		NA	< 5.0	< 5.0	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 5.0	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0
VOCs	Methylene chloride	5		ug/L		< 5.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L		< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA
VOCs	Styrene	100		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-88	W-88	W-88	W-88	W-88	W-89	W-89	W-89	W-89	W-89	W-89	W-89	W-89	W-89	W-89	W-89	W-90	W-90	W-90	W-90	W-90	W-90	W-90	W-90
				Date	10/18/2022	4/18/2023	10/16/2023	4/11/2024	10/8/2024	10/22/2019	4/17/2020	10/19/2020	4/21/2021	10/21/2021	4/15/2022	10/18/2022	4/18/2023	4/18/2023	10/16/2023	4/11/2024	10/8/2024	10/22/2019	4/17/2020	10/20/2020	4/20/2021	10/20/2021	4/18/2022	10/18/2022	4/17/2023
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L	1.4	1.3	1.6	1.7	0.886 J	2.1	6.7	1.5	6.4	1.2	1.7	1.6	0.78 J	0.59 J	0.57 J	1.0	< 0.600	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.95	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-90	W-90	W-90	W-91	W-91	W-91	W-91	W-91	W-91	W-91	W-91	W-91	W-92	W-92	W-92	W-92	W-92	W-92	W-92	W-92	W-92	W-92	W-92
					Date	10/13/2023	4/12/2024	10/11/2024	4/22/2020	10/22/2020	4/20/2021	10/20/2021	4/18/2022	4/17/2023	10/13/2023	10/13/2023	4/11/2024	10/11/2024	10/10/2019	4/27/2020	4/27/2020	10/26/2020	4/21/2021	10/22/2021	4/21/2022	10/19/2022	4/20/2023	10/20/2023	4/17/2024	10/17/2024
					Type	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	FD	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	1.84 #	0.262 #	2.12 #	0 ##	1.70 #	NA	NA	NA	NA	NA	1.58 #	0.372 #	0 ##	1.94 #	1.90 #	3.35	0	NA	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	4.24 #	4.15 #	5.13	0 ##	2.20 #	NA	NA	NA	NA	NA	3.78 #	2.51 #	1.63 #	2.70 #	4.59	0.885 #	1.18 #	NA	NA	NA	NA	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	4.12	0.291 #	0 ##	0.624 #	0 ##	0.186 #	0.352 #	1.47 #	0 ##	2.64 #	3.01 #	2.23 #	0 ##	0 ##	2.49 #	1.99 #	1.93 #	3.40 #	2.76 #	2.58	0.800 #	2.56	2.44 #	1.35 #	2.16 #
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	0.0885 #	NA	0 ##	0 ##	0 ##	0.0179 #	NA	NA	NA	NA	0.0426 #	0.0370 #	0 ##	NA	0 ##	0.0378 #	0 ##	NA	0 ##	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	0.0566 #	NA	0 ##	0 ##	0.139 #	0.0454 #	NA	NA	NA	NA	0 ##	0.0378 #	0.0249 #	NA	0 #	0 ##	0.0395 #	NA	0.0446 #	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	NA	0.0532 #	NA	0 ##	0 ##	0.136	0 ##	NA	NA	NA	NA	0.0765 #	0 ##	0.0296 #	NA	0 ##	0 ##	0.0741 #	NA	0.229 #	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	NA	0 #	NA	0 #	0 #	0 #	0 #	NA	NA	NA	NA	0 #	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	0.0674 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.0674 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L	< 0.10	< 0.10	< 0.10	0.033	< 0.1	0.0140 J	0.014 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.099	0.1	0.099	0.108	0.0950 J	0.12	0.15	0.17	0.15	0.24	0.11	0.15
Chemical	Nitrate as N	10		mg/L	2.3	2.2	1.5	0.34	1.1	2.0	1.2	0.43	1.3	2.7	2.7	0.64	0.39	0.029	< 0.02	< 0.02	0.076	0.068	< 0.020	0.12	0.068	< 0.020	0.026	0.13	0.074
Chemical	Ammonia as N			mg/L	NA	NA	NA	0.021	0.0115 J	0.0312 J	0.0174 J	NA	NA	NA	NA	NA	NA	3.19	4.11	4.06	4.84	4.01	4.39	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	6.43 J	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	126	NA	NA	NA	NA	NA	NA	NA	NA	NA	165	167	154	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	7050	NA	NA	NA	NA	NA	NA	NA	NA	NA	6100	6640	6630	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	4.15 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	1 J	1.21 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	2.73 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	108	NA	NA	NA	NA	NA	NA	NA	NA	NA	21200	19800	19700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	4.37 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	1110	NA	NA	NA	NA	NA	NA	NA	NA	NA	4490	4660	4690	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	53.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	687	707	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	3 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	2550	NA	NA	NA	NA	NA	NA	NA	NA	NA	1630	1880	1840	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	7.33 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	1.12 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	3190	NA	NA	NA	NA	NA	NA	NA	NA	NA	15800	16300	16100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	8.69 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.97 J	5 J	3.78 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA
VOCs	Benzene	5		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromoform			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromomethane			ug/L	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA
VOCs	2-Butanone			ug/L	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA
VOCs	Carbon disulfide			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Chloroethane			ug/L	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA
VOCs	Chloroform			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Chloromethane			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Cyclohexane			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	2-Hexanone			ug/L	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-90	W-90	W-90	W-91	W-91	W-91	W-91	W-91	W-91	W-91	W-91	W-91	W-91	W-92	W-92	W-92	W-92	W-92	W-92	W-92	W-92	W-92	W-92	W-92	W-92
				Date	10/13/2023	4/12/2024	10/11/2024	4/22/2020	10/22/2020	4/20/2021	10/20/2021	4/18/2022	4/17/2023	10/13/2023	10/13/2023	4/11/2024	10/11/2024	10/10/2019	4/27/2020	4/27/2020	10/26/2020	4/21/2021	10/22/2021	4/21/2022	10/19/2022	4/20/2023	10/20/2023	4/17/2024	10/17/2024
				Type	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1.0	< 0.600	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600
VOCs	Toluene	1000		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	0.75 J	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 0.500 J	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500 J	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	0.35	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	0.84	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-94	W-94	W-94	W-94	W-94	W-94	W-94	W-94	W-94	W-94
					Date	10/6/2019	4/14/2020	10/7/2020	10/13/2020	4/7/2021	10/6/2021	4/5/2022	10/6/2022	1/3/2023	4/6/2023	10/6/2023	4/8/2024	10/3/2024	10/3/2024	10/15/2019	4/24/2020	10/26/2020	10/26/2020	4/23/2021	6/9/2021	10/26/2021	4/20/2022	10/20/2022	4/24/2023	10/25/2023
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	FD	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		3.06	1.12 #	0.885 #	NA	1.29 #	2.17 #	0 ##	NA	NA	NA	NA	NA	NA	NA	1.14 #	0.640 #	0.890 #	0 ##	1.65 #	NA	3.82 #	1.29 #	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L		8.18	3.82 #	1.74 #	NA	4.16	3.21 #	2.99 #	NA	NA	NA	NA	NA	NA	NA	2.48 #	0.552 #	4.34 #	20.4	0 ##	NA	5.78	2.49 #	NA	NA	NA
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		0 ##	0 ##	1.82 #	NA	0 ##	0 ##	1.33 #	0 ##	NA	0.0508 #	3.43 #	0 ##	0 ##	0.00324 #	20.4 #	0 ##	0 ##	0 ##	0.696 #	NA	0 ##	0 ##	0 ##	0 ##	0 ##
Radiological	Uranium-233/234			pCi/L		0.115 #	0 ##	NA	NA	0.163 #	0.264	0 ##	NA	NA	1.18	NA	NA	NA	NA	0.0614 #	0.129 #	NA	NA	0.202 #	NA	0 ##	0 ##	NA	0.0746 #	NA
Radiological	Uranium-235/236			pCi/L		0.0644 #	0.0396 #	NA	NA	0.0547 #	0.101 #	0 ##	NA	NA	0.0467 #	NA	NA	NA	NA	0 ##	0 ##	NA	NA	0.121 #	NA	0 ##	0.176 #	NA	0 #	NA
Radiological	Uranium-238			pCi/L		0.0900 #	0.0238 #	NA	NA	0.0885 #	0.0520 #	0.0125 #	NA	NA	0 ##	NA	NA	NA	NA	0.0262 #	0 ##	NA	NA	0 ##	NA	0 ##	0.0167 #	NA	0 ##	NA
Radiological	Percent Uranium-235			%		0 #	0 #	NA	NA	0 #	0 #	0 #	NA	NA	0 #	NA	NA	NA	NA	0 #	0 #	NA	NA	0 #	NA	0 #	0 #	NA	0 #	NA
Radiological	Uranium-234			ug/L		< 0.050	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		< 0.070	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	0.0177 J	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L		< 0.200	< 0.200	0.106 J	NA	< 0.200	< 0.200	0.0849 J	< 0.200	NA	0.429	< 0.200	0.0965 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	< 0.200	0.106 J	NA	< 0.200	< 0.200	0.0849 J	< 0.200	NA	0.447	< 0.200	0.0965 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	NA	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L		0.043	0.017	NA	0.033 J	0.0220 J	0.036 J	< 0.10	NA	0.22	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.043	0.043	0.03 J	0.026 J	NA	0.0280 J	0.049 J	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L		5.3	4.6	4.4	NA	4.5	4.9	5.4	4.6	NA	5.5	6.2	5.9	6.5	6.5	< 0.020	< 0.02	0.077	0.16	0.054	NA	0.089	0.050	0.077	< 0.020	0.039
Chemical	Ammonia as N			mg/L		0.0324	0.0139	NA	0.0253 J	0.0258 J	0.0174 J	NA	NA	NA	NA	NA	NA	NA	NA	0.246	0.245	0.347	0.307	NA	0.228	0.275	NA	NA	NA	NA
Metals	Aluminum			ug/L		< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		4.77 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		91.2	88.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	114	83.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		5470	6070	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5440	4560	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		3.97 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		< 100	< 100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20900	16500	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	4.52 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		3060	2760	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2490	2290	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		171	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	431	355	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		2.76 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.94 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		2830	2430	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1110	1020	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		15.3 J	6.95 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		11700	10400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8060	7660	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		12 J	8.22 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.18 J	3.76 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	< 20	< 20	NA	< 20	< 20	< 20	< 20	NA	< 20	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	NA	< 20	< 20	< 25.0	< 20	NA
VOCs	Benzene	5		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Bromodichloromethane			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Bromoform			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Bromomethane			ug/L		< 2.0	< 2	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA
VOCs	2-Butanone			ug/L		< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 5.0	< 10	NA
VOCs	Carbon disulfide			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 2.0	< 1.0	NA
VOCs	Carbon tetrachloride	5		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Chlorobenzene	100		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Chloroethane			ug/L		< 2.0	< 2	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 1.0	< 2.0	NA
VOCs	Chloroform			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Chloromethane			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Cyclohexane			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 2.0	< 1.0	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	< 0.020	NA	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	< 0.020	NA	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,3-Dichlorobenzene			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1-Dichloroethane			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Dichlorodifluoromethane			ug/L		< 2.0	< 2	< 2.0	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	NA	< 2.0	< 2.0	< 1.0	< 2.0	NA
VOCs	1,2-Dichloroethane	5		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1-Dichloroethene	7		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	1.46	1.46	5.3	5.6	6	6.1	5.3	NA	5.8	5.8	5.5	5.2	6.8
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dichloropropane	5		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	cis-1,3-Dichloropropene			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	trans-1,3-Dichloropropene			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Ethylbenzene	700		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	2-Hexanone			ug/L		< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 5.0	< 10	NA
VOCs	(1-Methylethyl)-Benzene			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Methyl acetate			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 10.0	< 1.0	NA
VOCs	Methyl tert-butyl ether			ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 10	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	< 10	< 5.0	< 10	NA
VOCs	Methylcyclohexane			ug/L		< 5.0	< 5	< 5.0	NA	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 10.0	< 5.0	NA
VOCs	Methylene chloride	5		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 5.0	< 1.0	NA
VOCs	Naphthalene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA

				Well	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-93	W-94	W-94	W-94	W-94	W-94	W-94	W-94	W-94	W-94	W-94
				Date	10/6/2019	4/14/2020	10/7/2020	10/13/2020	4/7/2021	10/6/2021	4/5/2022	10/6/2022	1/3/2023	4/6/2023	10/6/2023	4/8/2024	10/3/2024	10/3/2024	10/15/2019	4/24/2020	10/26/2020	10/26/2020	4/23/2021	6/9/2021	10/26/2021	4/20/2022	10/20/2022	4/24/2023	10/25/2023
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	FD	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Tetrachloroethene	5		ug/L	24	28	36	NA	29	32	33	31	NA	26	28	27	27.5	26.9	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Trichloroethene	5		ug/L	2.8	3.6	4.2	NA	3.8	4.0	4.3	3.8	NA	3.6	3.7	3.9	3.23	3.18	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	NA	< 1.0	NA
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	1.4	1.2	1.6
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	< 8.0	< 8	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	< 8.0	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	< 8.0	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	< 8.0	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	< 4.0	< 4	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	< 8.0	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	< 8.0	< 8	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	< 4.0	< 4	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	< 8.0	< 8	< 1.6	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	< 8.0	< 8	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	< 8.0	< 8	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	9.2	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	< 4.0	< 4	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	< 20	< 20	< 4.0	NA	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	< 1.0	NA	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	< 4.0	< 4	< 0.80	NA	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	< 0.80	< 0.8	< 0.16	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-94	W-94	W-94	W-95	W-95	W-95	W-95	W-95	W-95	W-95	W-95	W-95	W-95	W-95	W-96	W-96	W-96	W-96	W-96	W-96	W-96	W-96	W-96
				Date	4/18/2024	10/18/2024	10/18/2024	10/15/2019	4/24/2020	10/26/2020	4/22/2021	10/26/2021	4/20/2022	4/20/2022	10/20/2022	4/24/2023	10/25/2023	4/19/2024	10/18/2024	10/11/2019	4/24/2020	10/27/2020	4/22/2021	10/25/2021	4/21/2022	10/19/2022	4/20/2023	10/23/2023	4/17/2024
				Type	N	N	FD	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	0.695 #	1.22 #	2.10 #	0.537 #	2.57 #	0.255	2.06	NA	NA	NA	NA	NA	2.51 #	0.667 #	0.0674 #	0.253 #	0.893 #	0.774 #	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	0.814 #	1.90 #	11.2	1.60 #	3.99	6.47	0 ##	NA	NA	NA	NA	NA	4.36	3.11 #	4.61	1.76 #	2.22 #	1.69 #	NA	NA	NA	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0 ##	0.614 #	1.06 #	2.35 #	0 ##	0 ##	0 ##	0 ##	0.193 #	0 ##	0 ##	0.160 #	0 ##	2.43 #	0 ##	0 ##	0.00377 #	2.31 #	0.392 #	0 ##	0 ##	1.25 #	0.888 #	2.81 #	3.01 #
Radiological	Uranium-233/234			pCi/L	NA	NA	NA	0.0378 #	0.108 #	NA	0 ##	0 ##	0.0521 #	0.0578 #	NA	0 ##	NA	NA	NA	0.0695 #	0.0173 #	NA	0 ##	0.0564 #	0 ##	NA	0.158 #	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	NA	NA	0.0692 #	0.0369 #	NA	0.0234 #	0 ##	0.126 #	0.0333 #	NA	0.0130 #	NA	NA	NA	0.108 #	0 ##	NA	0.0441 #	0.0586 #	0.0271 #	NA	0.101 #	NA	NA
Radiological	Uranium-238			pCi/L	NA	NA	NA	0.0560 #	0.00597 #	NA	0.0568 #	0 ##	0.146 #	0.111 #	NA	0.0105 #	NA	NA	NA	0.0719 #	0.110 #	NA	0.0535 #	0 ##	0.0539 #	NA	0 ##	NA	NA
Radiological	Percent Uranium-235			%	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	NA	0 #	0 #	0 #	NA	0 #	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	< 0.200	0.0695 J	< 0.200	0.114 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	0.0695	< 0.200	0.114 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L	< 0.10	< 0.10	< 0.10	0.077	0.05	0.033 J	0.0570 J	0.233	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.111	0.059	0.073 J	0.0710 J	0.092 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	0.078	0.051	0.041	0.024	0.037	0.058	0.039	0.076	0.059	0.059	0.089	< 0.020	< 0.020	0.15	0.038	0.054	< 0.02	0.032	< 0.020	< 0.020	0.17	0.025	< 0.020	< 0.020	0.13
Chemical	Ammonia as N			mg/L	NA	NA	NA	0.145	0.174	0.197	0.110	0.203	NA	NA	NA	NA	NA	NA	NA	0.228	0.165	0.164	0.0950 J	0.241	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200	< 200	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	120	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	128	140	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	6230	5490	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8750	7970	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	2.24 J	1.46 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.35 J	2.73 J	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	42900	38500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32300	25300	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	< 20.0	6.27 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	5.7 J	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	3880	3390	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4150	4290	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	538	498	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	880	1140	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	2.33 J	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	1190	1150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2020	1910	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	9960	8950	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18300	22100	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	< 20.0	7.23 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 J	4.17 J	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA
VOCs	Benzene	5		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Bromodichloromethane			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Bromoform			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Bromomethane			ug/L	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA
VOCs	2-Butanone			ug/L	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA
VOCs	Carbon disulfide			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Chlorobenzene	100		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Chloroethane			ug/L	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA
VOCs	Chloroform			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Chloromethane			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Cyclohexane			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	< 0.020	< 0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	< 0.019	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1-Dichloroethane			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	4.1	1.05	1.24	4.3	3.7	4	2.7	2.4	3.2	3.2	2.7	2.8	3.9	0.98 J	2.97	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	0.87 J	0.48 J	1.0	0.55 J
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Ethylbenzene	700		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	2-Hexanone			ug/L	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Methyl acetate			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA
VOCs	Methylcyclohexane			ug/L	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA
VOCs	Methylene chloride	5		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-94	W-94	W-94	W-95	W-95	W-95	W-95	W-95	W-95	W-95	W-95	W-95	W-95	W-95	W-96	W-96	W-96	W-96	W-96	W-96	W-96	W-96	W-96	W-96
				Date	4/18/2024	10/18/2024	10/18/2024	10/15/2019	4/24/2020	10/26/2020	4/22/2021	10/26/2021	4/20/2022	4/20/2022	10/20/2022	4/24/2023	10/25/2023	4/19/2024	10/18/2024	10/11/2019	4/24/2020	10/27/2020	4/22/2021	10/25/2021	4/21/2022	10/19/2022	4/20/2023	10/23/2023	4/17/2024
				Type	N	N	FD	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 0.600	< 0.600	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1.0	1.2	< 1.0	1.1	1.3	< 1.0	2.4	0.89 J	< 1.0	0.65 J
VOCs	Toluene	1000		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Trichloroethene	5		ug/L	< 1.0	0.377 J	0.574 J	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1	< 1.0	< 1.0	2.0	1.5	3.1	1.7	1.6	1.6
VOCs	Trichlorofluoromethane			ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Vinyl chloride	2		ug/L	1.4	< 0.500	< 0.500	2.9	2.9	3.3	3.2	4.2	3.6	3.8	3.1	2.7	2.0	< 1.0	1.13	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.98	< 1.0	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-96	W-97	W-97	W-97	W-97	W-97	W-97	W-97	W-97	W-97	W-97	W-97	W-97	W-98	W-98	W-98	W-98	W-98	W-98	W-98	W-98	W-99	W-99	W-99	W-99
					Date	10/17/2024	10/11/2019	4/24/2020	10/27/2020	4/21/2021	10/25/2021	10/25/2021	4/20/2022	10/20/2022	4/21/2023	10/23/2023	4/16/2024	10/16/2024	2/15/2021	10/19/2021	4/18/2022	10/18/2022	4/18/2023	10/19/2023	4/15/2024	10/14/2024	2/15/2021	10/15/2021	4/15/2022	10/14/2022
					Type	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																										
Radiological	Alpha particles	15	*	pCi/L	NA	0.168 #	6.24	3.05 #	2.07 #	1.69 #	0.808 #	4.71	NA	NA	NA	NA	NA	2.38 #	2.36 #	0.818 #	NA	NA	NA	NA	NA	4.95	1.01 #	0.867 #	NA
Radiological	Beta particles	50	*	pCi/L	NA	11.0	53.8	24.5	42.3	10.3	12.9	8.35	NA	NA	NA	NA	NA	13.4	16.3	12.7	NA	NA	NA	NA	NA	39.7	40.6	31.5	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	10.0	10.3 #	88.3	33.8	97.8	14.7	15.9	20.7	11.3	10.1	58.0	41.7	63.8	1.71 #	6.30	7.44	10.4	6.87	8.92	8.11	1.94 #	45.2	57.7	41.7	45.7
Radiological	Uranium-233/234			pCi/L	NA	0.106 #	0.0625 #	NA	0 ##	0 ##	0.0789 #	0 ##	NA	0 ##	NA	NA	NA	0.320	0 ##	0 ##	NA	0.228 #	NA	NA	NA	0.765	0.314 #	0 ##	NA
Radiological	Uranium-235/236			pCi/L	NA	0.0403 #	0.00869 #	NA	0 #	0.0222 #	0 ##	0.0357 #	NA	0 ##	NA	NA	NA	0.223	0.0516 #	0.0234 #	NA	0.0449 #	NA	NA	NA	0.0580 #	0.0255 #	0 ##	NA
Radiological	Uranium-238			pCi/L	NA	0.0495 #	0 ##	NA	0.0373 #	0 ##	0 ##	0 ##	NA	0.0542 #	NA	NA	NA	0 ##	0 ##	0 ##	NA	0.568	NA	NA	NA	0.789	0.130 #	0.0594 #	NA
Radiological	Percent Uranium-235			%	NA	0 #	0 #	NA	0 #	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	0 #	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.050	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.070	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	0.0106 J	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.119 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0731 J	< 0.200	1.12	0.243	0.350	0.194 J
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.119 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0731 J	< 0.200	1.13	0.243	0.350	0.194 J
Chemical	Fluoride	4		mg/L	< 0.10	0.375	0.233	0.408	0.298	0.481	0.451	0.31	0.17	0.18	0.27	0.25	0.24	0.039 J	0.019 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	2.17	2.96	2.7	3.1
Chemical	Nitrate as N	10		mg/L	0.23	3.4	6	6.3	15	4.5	4.2	3.8	2.0	2.6	10	5.9	8.6	5.4	11	11	9.4	9.5	8.5	7.0	5.8	3.6	7.8	0.56	0.095
Chemical	Ammonia as N			mg/L	NA	4.89	2.32	4.17	5.28	7.35	6.65	NA	NA	NA	NA	NA	NA	0.431	0.356	NA	NA	NA	NA	NA	NA	3.74	3.25	NA	NA
Metals	Aluminum			ug/L	NA	82.7 J	< 200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	3.97 J	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	155	171	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	7250	6680	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	< 10.0	1.42 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	1.05 J	1.82 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	492	32.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	< 20.0	4.64 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	3420	3460	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	98.9	98.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	< 0.200	< 0.200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	3.18 J	3.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	3780	2330	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	< 30.0	< 30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	20800	22000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	< 20.0	< 20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	< 5.00	< 5.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	9.02 J	13 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Bromoform			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Bromomethane			ug/L	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0
VOCs	2-Butanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Chloroethane			ug/L	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0
VOCs	Chloroform			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Chloromethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	< 0.019	< 0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	NA	< 2.0	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	0.577 J	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.83 J	0.41 J	0.45 J	0.666 J	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	NA	< 5.0	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	< 5	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	< 5	< 5.0	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-96	W-97	W-97	W-97	W-97	W-97	W-97	W-97	W-97	W-97	W-97	W-97	W-97	W-98	W-98	W-98	W-98	W-98	W-98	W-98	W-99	W-99	W-99	W-99
				Date	10/17/2024	10/11/2019	4/24/2020	10/27/2020	4/21/2021	10/25/2021	10/25/2021	4/20/2022	10/20/2022	4/21/2023	10/23/2023	4/16/2024	10/16/2024	2/15/2021	10/19/2021	4/18/2022	10/18/2022	4/18/2023	10/19/2023	4/15/2024	10/14/2024	2/15/2021	10/15/2021	4/15/2022	10/14/2022
				Type	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L	1.44	4.3	9.8	6.4	16	5.6	5.9	5.2	2.9	4.7	13	8.5	12.3	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1	< 1.0	< 1.0	0.41 J
VOCs	Toluene	1000		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L	1.69	1.2	2	1.6	4.6	1.7	1.7	1.2	0.56 J	1.4	2.8	1.6	2.90	< 1	< 1.0	< 1.0	< 1.0	< 1.0	0.48 J	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L	< 0.500	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	NA	< 1.0	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	< 8.0	< 8	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	< 4.0	< 4	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	< 8.0	< 8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	< 8.0	< 8	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	< 4.0	< 4	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	< 20	< 20	< 4.0	< 4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	< 0.96	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	< 4.0	< 4	< 0.80	< 0.80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	< 0.80	< 0.8	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-99	W-99	W-99	W-99	W-100	W-100	W-100	W-100	W-100	W-100	W-100	W-100	W-102	W-102	W-102	W-102	W-102	W-102	W-102	W-102	W-103	W-103	W-103	W-103
				Date	4/12/2023	10/11/2023	4/12/2024	10/11/2024	2/15/2021	10/15/2021	4/15/2022	10/14/2022	4/12/2023	10/11/2023	4/12/2024	10/11/2024	2/15/2021	10/8/2021	4/7/2022	10/10/2022	1/5/2023	4/11/2023	10/10/2023	4/5/2024	10/3/2024	2/15/2021	10/18/2021	4/14/2022	10/17/2022
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	NA	0.377 #	2.75 #	1.76 #	NA	NA	NA	NA	NA	1.76 #	6.57	5.22	NA	NA	NA	NA	NA	NA	0 ##	0 ##	0 ##	NA
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	NA	4.68 #	23.9	6.75	NA	NA	NA	NA	NA	72.6	80.6	57.2	NA	NA	NA	NA	NA	NA	16.2	7.53	24.0	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	39.9	45.9	47.1	61.7	6.43	18.0	12.3	33.0	1.98 #	3.33 #	4.71	11.3	109	119	98.8	84.2	NA	89.8	100	89.6	81.2	21.6	40.2	33.7	35.5
Radiological	Uranium-233/234			pCi/L	0.164 #	NA	NA	NA	0.340	0.0196 #	0.394 #	NA	0.0811 #	NA	NA	NA	0.535	1.81	1.68	NA	NA	1.31	NA	NA	NA	0.265 #	0 ##	0 ##	NA
Radiological	Uranium-235/236			pCi/L	0.0295 #	NA	NA	NA	0.100 #	0.0619 #	0.0482 #	NA	0.00151 #	NA	NA	NA	0.225	0.136	0.179	NA	NA	0.0675 #	NA	NA	NA	0.140 #	0 ##	0.0473 #	NA
Radiological	Uranium-238			pCi/L	0.157	NA	NA	NA	0.161 #	0 ##	0.152 #	NA	0 ##	NA	NA	NA	0.293	0.396	0.740	NA	NA	0.253	NA	NA	NA	0.0501 #	0 ##	0.0597 #	NA
Radiological	Percent Uranium-235			%	0 #	NA	NA	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	10.7	5.06	3.62	NA	NA	0 #	NA	NA	NA	0 #	0 #	0 #	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	0.0114 J	0.0312 J	0.0357 J	0.0329 J	NA	0.0241 J	0.0307 J	0.0225 J	0.0240 J	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	0.150 J	< 0.200	< 0.200	0.0986 J	0.177 J	0.180 J	0.163 J	0.188 J	0.104 J	< 0.200	0.105 J	0.206	0.635	1.78	1.86	1.76	NA	1.30	1.56	1.25	1.25	0.0778 J	< 0.200	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	0.150 J	< 0.200	< 0.200	0.0986 J	0.177 J	0.180 J	0.163 J	0.188 J	0.104 J	< 0.200	0.105 J	0.206	0.646	1.81	1.89	1.80	NA	1.32	1.59	1.27	1.27	0.0778 J	< 0.200	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L	1.9	3.1	2.8	2.4	0.399	1.91	1.3	2.5	0.39	1.8	0.74	1.1	2.55	3.74	3.5	NA	3.4	2.9	3.2	2.8	2.4	0.018 J	0.032 J	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	1.5	0.47	0.43	1.3	1.3	7.6	2.0	2.7	1.6	3.9	1.9	3.6	52	95	58	89	NA	91	78	57	57	7.1	10	11	9.5
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	0.428	8.27	NA	NA	NA	NA	NA	NA	17.6	35.1	NA	NA	NA	NA	NA	NA	NA	0.141	0.387	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	NA	< 20	NA	NA	NA	< 20	< 20	< 20	< 25.0
VOCs	Benzene	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Bromoform			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Bromomethane			ug/L	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0
VOCs	2-Butanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0
VOCs	Carbon disulfide			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Chloroethane			ug/L	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 1.0
VOCs	Chloroform			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Chloromethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 2.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	NA	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 1.0
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	1.5	< 1.0	< 1.0	2.15	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	4.9	5.1	4.0	4.3	NA	4.1	3.9	3.1	3.27	< 1	< 1.0	< 1.0	0.79 J
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA
VOCs	Methyl acetate			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0
VOCs	Methylcyclohexane			ug/L	< 5.0	NA	NA	NA	< 5	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	< 5	< 5.0	< 5.0	NA
VOCs	Methylene chloride	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 5.0
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA
VOCs	Styrene	100		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-99	W-99	W-99	W-99	W-100	W-100	W-100	W-100	W-100	W-100	W-100	W-100	W-102	W-102	W-102	W-102	W-102	W-102	W-102	W-102	W-103	W-103	W-103	W-103
				Date	4/12/2023	10/11/2023	4/12/2024	10/11/2024	2/15/2021	10/15/2021	4/15/2022	10/14/2022	4/12/2023	10/11/2023	4/12/2024	10/11/2024	2/15/2021	10/8/2021	4/7/2022	10/10/2022	1/5/2023	4/11/2023	10/10/2023	4/5/2024	10/3/2024	2/15/2021	10/18/2021	4/14/2022	10/17/2022
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L	11	3.4	1.3	12.3	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	55	48	41	44	NA	41	35	36	33.6	19	24	24	24.9
VOCs	Toluene	1000		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L	1.8	< 1.0	< 1.0	2.38	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	6.9	6.4	6.1	5.7	NA	6.0	5.2	5.8	4.41	4.3	5.2	5.4	4.3
VOCs	Trichlorofluoromethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 0.500 J	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500 J	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-103	W-103	W-103	W-103	W-104	W-104	W-104	W-104	W-104	W-104	W-104	W-104	W-104	W-105	W-105	W-105	W-105	W-105	W-105	W-105	W-106	W-106	W-106
					Date	4/10/2023	10/23/2023	4/16/2024	10/15/2024	2/16/2021	2/16/2021	10/25/2021	4/21/2022	10/20/2022	10/20/2022	4/20/2023	10/24/2023	4/18/2024	10/17/2024	2/16/2021	10/25/2021	4/21/2022	10/20/2022	4/19/2023	10/20/2023	4/17/2024	10/17/2024	2/19/2021	4/15/2021	10/18/2021
					Type	N	N	N	N	N	FD	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	NA	0.493 #	0.977 #	0.457 #	1.55 #	NA	NA	NA	NA	NA	NA	1.85 #	0.634 #	0.689 #	NA	NA	NA	NA	NA	1.66 #	2.40 #	1.44 #
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	NA	3.33 #	3.76	4.20 #	5.39	NA	NA	NA	NA	NA	NA	3.75 #	2.20 #	1.81 #	NA	NA	NA	NA	NA	8.34	3.96 #	0.500 #
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	30.6	24.3	24.3	24.6	0.0603 #	0 ##	1.71 #	3.07	3.24 #	3.63 #	4.28	1.56 #	5.76	3.26 #	0 ##	0.544 #	0 ##	0 ##	0 ##	1.54 #	0 ##	0 ##	0 ##	0 ##	2.54 #
Radiological	Uranium-233/234			pCi/L	0.230 #	NA	NA	NA	0.115 #	0.0563 #	0.111 #	0 ##	NA	NA	0.0379 #	NA	NA	NA	0 ##	0 ##	0 ##	NA	0.143 #	NA	NA	NA	0.245 #	0 ##	0.195 #
Radiological	Uranium-235/236			pCi/L	0.228 #	NA	NA	NA	0.151 #	0.148 #	0.0696 #	0.0129 #	NA	NA	0.127 #	NA	NA	NA	0.136 #	0 ##	0.161 #	NA	0.218 #	NA	NA	NA	0.237 #	0 ##	0.103 #
Radiological	Uranium-238			pCi/L	0.0369 #	NA	NA	NA	0.237 #	0.109 #	0.0806 #	0 ##	NA	NA	0.153 #	NA	NA	NA	0.122 #	0.0794 #	0.107 #	NA	0.209 #	NA	NA	NA	0.215 #	0 ##	0.122 #
Radiological	Percent Uranium-235			%	0 #	NA	NA	NA	0 #	0 #	0 #	0 #	NA	NA	0 #	NA	NA	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	0 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	< 0.200	< 0.200	< 0.200	< 0.200	0.0808 J	0.0894 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0917 J	0.181 J	< 0.200	< 0.200	< 0.200	0.0809 J	< 0.200	< 0.200	0.111 J	0.172 J	0.102 J	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	0.0808 J	0.0894 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0917 J	0.181 J	< 0.200	< 0.200	< 0.200	0.0809 J	< 0.200	< 0.200	0.111 J	0.172 J	0.102 J	< 0.200
Chemical	Fluoride	4		mg/L	< 0.10	< 0.10	< 0.10	< 0.10	0.051 J	0.049 J	0.064 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.445	0.376	0.51	0.32	0.32	0.46	0.18	0.19	0.148	0.178	0.154
Chemical	Nitrate as N	10		mg/L	8.4	7.8	6.5	7.1	4	4.2	6.4	7.9	7.3	5.2	4.7	5.4	6.6	4.9	0.078	0.089	0.11	0.068	0.059	0.027	0.21	0.088	0.083	0.079	0.084
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	0.644	0.608	1.45	NA	NA	NA	NA	NA	NA	NA	1.01	0.721	NA	NA	NA	NA	NA	NA	1.26	0.853	1.58
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 25.0	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Bromoform			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Bromomethane			ug/L	< 2.0	NA	NA	NA	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0
VOCs	2-Butanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 5.0	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Chloroethane			ug/L	< 2.0	NA	NA	NA	< 2	< 2	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0
VOCs	Chloroform			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Chloromethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.020	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	NA	NA	NA	< 2	< 2	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	0.79 J	0.76 J	0.66 J	0.641 J	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 5.0	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 10.0	< 10.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 5.0	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	< 5.0	NA	NA	NA	< 5	< 5	< 5.0	< 5.0	< 10.0	< 10.0	< 5.0	NA	NA	NA	< 5	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	< 5	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 5.0	< 5.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-103	W-103	W-103	W-103	W-104	W-104	W-104	W-104	W-104	W-104	W-104	W-104	W-104	W-104	W-105	W-105	W-105	W-105	W-105	W-105	W-105	W-106	W-106	W-106
					Date	4/10/2023	10/23/2023	4/16/2024	10/15/2024	2/16/2021	2/16/2021	10/25/2021	4/21/2022	10/20/2022	10/20/2022	4/20/2023	10/24/2023	4/18/2024	10/17/2024	2/16/2021	10/25/2021	4/21/2022	10/20/2022	4/19/2023	10/20/2023	4/17/2024	10/17/2024	2/19/2021	4/15/2021	10/18/2021
					Type	N	N	N	N	N	FD	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L		< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L		27	25	23	22.9	2.5	2.6	3.1	3.1	2.6	2.5	2.7	3.0	3.2	2.33	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L		< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L		< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L		< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L		< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L		5.4	5.0	4.3	4.18	1.9	1.9	1.9	1.4	2.2	2.1	1.4	1.8	1.2	1.31	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L		< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L		< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L		< 1.0	NA	NA	NA	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	2,4,5-Trichlorophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	2,4,6-Trichlorophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	2,4-Dichlorophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	2,4-Dimethylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	2,4-Dinitrophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	2,4-Dinitrotoluene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6	NA
SVOCs	2,6-Dinitrotoluene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6	NA
SVOCs	2-Chloronaphthalene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	2-Chlorophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	2-Methylnaphthalene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	2-Methylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	2-Nitroaniline			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6	NA
SVOCs	2-Nitrophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	3-Nitroaniline			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	4-Chloro-3-methylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	4-Chloroaniline			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	4-Methylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6	NA
SVOCs	4-Nitroaniline			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6	NA
SVOCs	4-Nitrophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	Acenaphthene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Acenaphthylene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Acetophenone			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	Anthracene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Atrazine	3		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	Benz(a)anthracene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Benzaldehyde			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Benzo(b)fluoranthene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Benzo(g,h,i)perylene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Benzo(k)fluoranthene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	Butyl benzyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	Caprolactam			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	Carbazole			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	Chrysene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Di-n-butyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	Di-n-octyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	Dibenz(a,h)anthracene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Dibenzofuran			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	Diethyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	Dimethyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	Fluoranthene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Fluorene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Hexachlorobenzene	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	Hexachlorobutadiene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	Hexachloroethane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Isophorone			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	N-Nitrosodiphenylamine			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	Naphthalene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Nitrobenzene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	Pentachlorophenol	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.94	NA
SVOCs	Phenanthrene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Phenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.80	NA
SVOCs	Pyrene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
SVOCs	Tributylphosphate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-106	W-106	W-106	W-106	W-106	W-106	W-107	W-107	W-107	W-107	W-107	W-107	W-107	W-107	W-108	W-108	W-108	W-108	W-108	W-108	W-108	W-108	W-108
				Date	4/14/2022	10/14/2022	4/13/2023	10/19/2023	4/15/2024	10/14/2024	2/16/2021	10/26/2021	4/20/2022	10/21/2022	10/21/2022	4/24/2023	10/25/2023	4/19/2024	10/18/2024	2/16/2021	10/25/2021	10/25/2021	4/25/2022	10/21/2022	4/21/2023	10/24/2023	10/24/2023	4/18/2024	10/17/2024
				Type	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	N	FD	N	N	N	N	FD	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	0.511 #	NA	NA	NA	NA	NA	0.818 #	1.64 #	1.02	NA	NA	NA	NA	NA	NA	1.14 #	1.96 #	0 ##	1.21 #	NA	NA	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L	1.45 #	NA	NA	NA	NA	NA	3.19 #	3.52 #	4.85	NA	NA	NA	NA	NA	NA	1.81 #	2.55 #	1.92 #	1.55 #	NA	NA	NA	NA	NA	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	3.61 #	2.69 #	2.34 #	5.47	3.87	0 ##	0 ##	0 ##	0.467 #	0 ##	0.740 #	0 ##	0 ##	5.65	0 ##	0 ##	0 ##	0 ##	1.00 #	0 ##	1.75 #	1.82 #	1.70 #	3.63	0 ##
Radiological	Uranium-233/234			pCi/L	0.0618 #	NA	0.125 #	NA	NA	NA	0.308	0 ##	0.266 #	NA	NA	0 ##	NA	NA	NA	0.0227 #	0.00115 #	0.142 #	0.0897 #	NA	0.0550 #	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	0 #	NA	0 ##	NA	NA	NA	0.0356 #	0.125 #	0.112 #	NA	NA	0 ##	NA	NA	NA	0.0920 #	0 #	0.0368 #	0.0137 #	NA	0.0202 #	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	0.0958 #	NA	0.0938	NA	NA	NA	0.0773 #	0.0573 #	0.0731 #	NA	NA	0 ##	NA	NA	NA	0.00149 #	0 ##	0 ##	0.0111 #	NA	0 ##	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	0 #	NA	0 #	NA	NA	NA	0 #	0 #	0 #	NA	NA	0 #	NA	NA	NA	0 #	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	0.103 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.291	< 0.200	0.0931 J	< 0.200	< 0.200	< 0.200	< 0.200	0.0721 J	0.167 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0747 J	0.0984 J
Radiological	Total Uranium Isotopes	30		ug/L	0.103 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.291	< 0.200	0.0931 J	< 0.200	< 0.200	< 0.200	< 0.200	0.0721 J	0.167	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0747 J	0.0984 J
Chemical	Fluoride	4		mg/L	0.22	0.13	0.14	0.17	0.30	0.19	0.13	0.082 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.12	< 0.10	0.149	0.098 J	0.087 J	0.11	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	0.071	0.10	0.17	< 0.020	0.054	< 0.020	< 0.02	0.089	0.052	0.052	0.098	< 0.020	< 0.020	0.082	0.039	0.086	< 0.020	< 0.020	0.039	0.32	< 0.020	0.032	0.033	0.090	0.078
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	NA	0.486	0.334	NA	NA	NA	NA	NA	NA	NA	0.333	0.158	0.148	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 25.0	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Bromoform			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA
VOCs	Chloroform			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	0.46 J	0.43 J	< 1.0	< 1.0	< 1.0	0.305 J	1.8	1.5	1.6	1.4	1.3	1.1	1.1	1.3	0.90 J	0.771 J
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5	< 5.0	< 5.0	NA	NA	< 5.0	NA	NA	NA	< 5	< 5.0	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 5.0	< 5.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-106	W-106	W-106	W-106	W-106	W-106	W-107	W-107	W-107	W-107	W-107	W-107	W-107	W-107	W-108	W-108	W-108	W-108	W-108	W-108	W-108	W-108	W-108	W-108
				Date	4/14/2022	10/14/2022	4/13/2023	10/19/2023	4/15/2024	10/14/2024	2/16/2021	10/26/2021	4/20/2022	10/21/2022	10/21/2022	4/24/2023	10/25/2023	4/19/2024	10/18/2024	2/16/2021	10/25/2021	10/25/2021	4/25/2022	10/21/2022	4/21/2023	10/24/2023	10/24/2023	4/18/2024	10/17/2024
				Type	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	FD	N	N	N	N	FD	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	0.46 J	< 0.500	3.6	3.7	3.6	3.2	3	3.4	3.9	3.2	2.27	< 1	< 1.0	1.0	1.0	0.8 J	1.2	0.95 J	1.1	1.0	< 0.500
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-109	W-109	W-109	W-109	W-109	W-109	W-109	W-109	W-110	W-110	W-110	W-110	W-110	W-110	W-110	W-111	W-111	W-111	W-111	W-111	W-111	W-111	W-111
				Date	2/16/2021	10/26/2021	4/25/2022	10/20/2022	4/21/2023	10/24/2023	4/18/2024	10/18/2024	2/17/2021	10/26/2021	4/20/2022	10/21/2022	4/21/2023	10/24/2023	4/19/2024	10/21/2024	2/16/2021	10/26/2021	4/20/2022	10/20/2022	4/24/2023	10/25/2023	4/18/2024	4/18/2024	10/18/2024
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	0 ##	1.47 #	0.234 #	NA	NA	NA	NA	NA	3.38	2.35	1.55	NA	NA	NA	NA	NA	2.02 #	0.989 #	1.71	NA	NA	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L	2.18 #	0 ##	0.802 #	NA	NA	NA	NA	NA	1.51 #	0.581 #	0 ##	NA	NA	NA	NA	NA	5.11	1.15 #	2.37 #	NA	NA	NA	NA	NA	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0 ##	0 ##	0 ##	0.825 #	0 ##	1.56 #	4.54	2.37 #	0 ##	0 ##	0.305 #	0 ##	0.468 #	0.183 #	2.83 #	0.274 #	0 ##	0 ##	0 ##	1.02 #	1.16 #	0 ##	4.60	2.55 #	0 ##
Radiological	Uranium-233/234			pCi/L	0.143 #	0.125 #	0.0622 #	NA	0.0246 #	NA	NA	NA	0.200 #	0.185 #	0.0564 #	NA	0.0683 #	NA	NA	NA	0.122 #	0.0169 #	0.151 #	NA	0.0148 #	NA	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	0.0295 #	0.0839 #	0.0109 #	NA	0.0360 #	NA	NA	NA	0.210 #	0 ##	0.0102 #	NA	0.0292 #	NA	NA	NA	0.0262 #	0.0932 #	0 ##	NA	0 ##	NA	NA	NA	NA
Radiological	Uranium-238			pCi/L	0.140 #	0.0414 #	0.0253 #	NA	0.0107 #	NA	NA	NA	0.127 #	0.170 #	0.0390 #	NA	0.0473 #	NA	NA	NA	0.236 #	0.0769 #	0.245 #	NA	0.0864 #	NA	NA	NA	NA
Radiological	Percent Uranium-235			%	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	0.119 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.169 J	0.0693 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.179 J	0.136 J	0.145 J	0.0979 J	0.179 J	0.174 J	< 0.200	< 0.200	0.0780 J
Radiological	Total Uranium Isotopes	30		ug/L	0.119 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.169 J	0.0693 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.179 J	0.136 J	0.145 J	0.0979 J	0.179 J	0.174 J	< 0.200	< 0.200	0.0780
Chemical	Fluoride	4		mg/L	0.131	0.051 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.138	0.032 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.061 J	0.012 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L	< 0.02	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	0.099	0.035	< 0.02	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	0.12	0.053	0.03	< 0.020	< 0.020	< 0.020	< 0.020	0.075	0.13	0.11	0.075
Chemical	Ammonia as N			mg/L	0.105	0.0756 J	NA	NA	NA	NA	NA	NA	0.0797 J	0.032 J	NA	NA	NA	NA	NA	NA	0.193	0.031 J	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	NA
VOCs	Benzene	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Bromoform			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Bromomethane			ug/L	< 2	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA
VOCs	Carbon disulfide			ug/L	< 1	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Chloroethane			ug/L	< 2	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA
VOCs	Chloroform			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Chloromethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Cyclohexane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	< 2	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	1.8	1.5	1.8	2.5	2.4	2.8	1.4	1.52	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.243 J	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Methyl acetate			ug/L	< 1	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	< 5	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	< 5	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	< 5	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 1	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-109	W-109	W-109	W-109	W-109	W-109	W-109	W-109	W-110	W-110	W-110	W-110	W-110	W-110	W-110	W-111	W-111	W-111	W-111	W-111	W-111	W-111	W-111	W-111
				Date	2/16/2021	10/26/2021	4/25/2022	10/20/2022	4/21/2023	10/24/2023	4/18/2024	10/18/2024	2/17/2021	10/26/2021	4/20/2022	10/21/2022	4/21/2023	10/24/2023	4/19/2024	10/21/2024	2/16/2021	10/26/2021	4/20/2022	10/20/2022	4/24/2023	10/25/2023	4/18/2024	4/18/2024	10/18/2024
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600 J	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600
VOCs	Toluene	1000		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	Trichlorofluoromethane			ug/L	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 1	< 1.0	< 1.0	< 1.0	0.43 J	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	Xylenes, Total	10000		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-112	W-112	W-112	W-112	W-112	W-112	W-112	W-112	W-113	W-113	W-113	W-113	W-113	W-113	W-113	W-114	W-114	W-114	W-114	W-114	W-114	W-114	W-114	W-115
					Date	2/16/2021	10/26/2021	4/20/2022	10/21/2022	4/21/2023	10/25/2023	4/18/2024	10/21/2024	8/5/2021	10/15/2021	4/12/2022	10/13/2022	4/7/2023	10/4/2023	4/9/2024	10/8/2024	8/5/2021	10/15/2021	4/12/2022	10/13/2022	4/7/2023	10/4/2023	4/9/2024	10/8/2024	8/3/2021
					Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		1.73 #	0 ##	0	NA	NA	NA	NA	NA	5.40	0.642 #	0 ##	NA	NA	NA	NA	NA	1.53 #	0.602 #	0 ##	NA	NA	NA	NA	NA	1.67 #
Radiological	Beta particles	50	*	pCi/L		2.23 #	0 ##	1.75 #	NA	NA	NA	NA	NA	1.34 #	1.04 #	0.667 #	NA	NA	NA	NA	NA	1.71 #	2.37 #	4.71 #	NA	NA	NA	NA	NA	12.1
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		0 ##	0 ##	0 ##	0.607 #	0.667 #	0.794 #	1.64 #	0.790 #	1.89 #	1.01 #	0.178 #	0 ##	0 ##	0.377 #	0.0688 #	0 ##	1.97 #	0.900 #	0 ##	0 ##	0.463 #	2.82 #	0 ##	0 ##	0 ##
Radiological	Uranium-233/234			pCi/L		0.263 #	0 ##	0 ##	NA	0 ##	NA	NA	NA	0.0602 #	0 ##	0.132 #	NA	0.139 #	0.213 #	NA	NA	0 ##	0.0697 #	0.146 #	NA	0.0501 #	0 ##	NA	NA	0.266 #
Radiological	Uranium-235/236			pCi/L		0.144 #	0.0195 #	0.0827 #	NA	0.0330 #	NA	NA	NA	0.0683 #	0 ##	0.0193 #	NA	0.102 #	0.0989 #	NA	NA	0 ##	0.0380 #	0.0364 #	NA	0.0620 #	0.0920 #	NA	NA	0.155 #
Radiological	Uranium-238			pCi/L		0.106 #	0.00122 #	0.0751 #	NA	0.0885 #	NA	NA	NA	0.110 #	0.118 #	0.0601 #	NA	0.0413 #	0.120 #	NA	NA	0.0342 #	0 ##	0.0124 #	NA	0.0167 #	0.0931 #	NA	NA	0.0838 #
Radiological	Percent Uranium-235			%		0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	0 #	NA	0 #	0 #	NA	NA	0 #	0 #	0 #	NA	0 #	0 #	NA	NA	0 #
Radiological	Uranium-234			ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L		0.181 J	0.137 J	0.0673 J	< 0.200	0.231	0.0917 J	0.398	0.181 J	0.0997 J	< 0.200	0.192 J	0.142 J	< 0.200	0.0942 J	0.100 J	0.0835 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0699 J	0.112 J	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L		0.181 J	0.137 J	0.0673 J	< 0.200	0.231	0.0917 J	0.398	0.181 J	0.0997 J	< 0.200	0.192 J	0.142 J	< 0.200	0.0942 J	0.100 J	0.0835 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0699 J	0.112 J	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L		0.107	0.076 J	< 0.10	< 0.10	< 0.10	< 0.10	0.13	< 0.10	0.0680 J	0.181	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.0340 J	0.247	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.0680 J
Chemical	Nitrate as N	10		mg/L		0.074	0.077	0.050	0.084	< 0.020	0.041	0.065	0.035	2.1	2.2	2.9	3.1	2.5	2.6	2.7	2.9	1.1	1.1	1.5	1.0	1.3	0.94	0.98	0.95	1.3
Chemical	Ammonia as N			mg/L		0.519	0.809	NA	NA	NA	NA	NA	NA	0.0131 J	0.025 J	NA	NA	NA	NA	NA	NA	0.106	0.0237 J	NA	NA	NA	NA	NA	NA	0.0357 J
Metals	Aluminum			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20
VOCs	Benzene	5		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Bromodichloromethane			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Bromoform			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Bromomethane			ug/L		< 2	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0
VOCs	2-Butanone			ug/L		< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10
VOCs	Carbon disulfide			ug/L		< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Carbon tetrachloride	5		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Chlorobenzene	100		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Chloroethane			ug/L		< 2	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0
VOCs	Chloroform			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	6.5
VOCs	Chloromethane			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Cyclohexane			ug/L		< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,1-Dichloroethane			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Dichlorodifluoromethane			ug/L		< 2	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Ethylbenzene	700		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	2-Hexanone			ug/L		< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L		< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Methyl acetate			ug/L		< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Methyl tert-butyl ether			ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10
VOCs	Methylcyclohexane			ug/L		< 5	< 5.0	< 5.0	NA	< 5.0	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0
VOCs	Methylene chloride	5		ug/L		< 1	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Naphthalene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-112	W-112	W-112	W-112	W-112	W-112	W-112	W-112	W-113	W-113	W-113	W-113	W-113	W-113	W-113	W-114	W-114	W-114	W-114	W-114	W-114	W-114	W-114	W-115
				Date	2/16/2021	10/26/2021	4/20/2022	10/21/2022	4/21/2023	10/25/2023	4/18/2024	10/21/2024	8/5/2021	10/15/2021	4/12/2022	10/13/2022	4/7/2023	10/4/2023	4/9/2024	10/8/2024	8/5/2021	10/15/2021	4/12/2022	10/13/2022	4/7/2023	10/4/2023	4/9/2024	10/8/2024	8/3/2021
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Tetrachloroethene	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1.0
VOCs	Toluene	1000		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Trichloroethene	5		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0
VOCs	Trichlorofluoromethane			ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Vinyl chloride	2		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0
VOCs	Xylenes, Total	10000		ug/L	< 1	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-115	W-115	W-115	W-115	W-115	W-115	W-115	W-116	W-116	W-116	W-116	W-116	W-116	W-116	W-116	W-117	W-117	W-117	W-117	W-117	W-117	W-117	W-118	W-118
				Date	10/14/2021	4/12/2022	10/12/2022	4/7/2023	10/4/2023	4/9/2024	10/8/2024	8/3/2021	10/14/2021	4/12/2022	10/12/2022	4/7/2023	10/4/2023	4/9/2024	10/8/2024	8/3/2021	10/14/2021	4/12/2022	10/13/2022	4/7/2023	10/4/2023	4/9/2024	10/8/2024	8/3/2021	10/14/2021
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																										
Radiological	Alpha particles	15	*	pCi/L	0 ##	0.272 #	NA	NA	NA	NA	NA	1.82 #	1.24 #	0 ##	NA	NA	NA	NA	NA	1.53 #	0.596 #	0.283 #	NA	NA	NA	NA	NA	1.70 #	1.08 #
Radiological	Beta particles	50	*	pCi/L	0.991 #	3.74 #	NA	NA	NA	NA	NA	3.06 #	0 ##	1.60 #	NA	NA	NA	NA	NA	4.76	0.859 #	1.88 #	NA	NA	NA	NA	NA	2.01 #	0 ##
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0.0562 #	0 ##	1.26 #	0.252 #	0 ##	1.94 #	0 ##	1.37 #	0.927 #	0 ##	2.78 #	0.155 #	0.544 #	0 ##	0 ##	0.584 #	0 ##	0 ##	1.87 #	0.211 #	0 ##	4.43	1.06 #	0.879 #	1.61 #
Radiological	Uranium-233/234			pCi/L	0.0547 #	0.00434 #	NA	0 ##	0.122 #	NA	NA	0.119 #	0 ##	0 ##	NA	0.205 #	0 ##	NA	NA	0 ##	0 ##	0 ##	NA	0.0122 #	0.118 #	NA	NA	0.0870 #	0.0332 #
Radiological	Uranium-235/236			pCi/L	0.0935 #	0.0976 #	NA	0.112 #	0.0844	NA	NA	0 ##	0.108 #	0.0706 #	NA	0.168 #	0 ##	NA	NA	0 ##	0 ##	0.0445 #	NA	0.0656 #	0.0456 #	NA	NA	0 #	0.0386 #
Radiological	Uranium-238			pCi/L	0.0575 #	0 ##	NA	0.0607 #	0.171	NA	NA	0 ##	0 ##	0.0217 #	NA	0.214 #	0.0718 #	NA	NA	0.0534 #	0 ##	0.132 #	NA	0.146 #	0.184	NA	NA	0.0223 #	0.0325 #
Radiological	Percent Uranium-235			%	0 #	0 #	NA	0 #	7.13	NA	NA	0 #	0 #	0 #	NA	0 #	0 #	NA	NA	0 #	0 #	0 #	NA	0 #	0 #	NA	NA	0 #	0 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0905 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.125 J	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0905 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.125 J	< 0.200
Chemical	Fluoride	4		mg/L	0.026 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.0410 J	0.025 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.0770 J	0.029 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.0630 J	0.047 J
Chemical	Nitrate as N	10		mg/L	3.4	3.6	14	3.2	2.5	2.9	2.8	4.0	5.9	6.5	5.9	4.4	5.5	4.8	4.8	1.3	2.4	2.8	2.7	2.2	2.2	2.4	2.5	2.5	3.9
Chemical	Ammonia as N			mg/L	0.0148 J	NA	NA	NA	NA	NA	NA	0.0987 J	0.0159 J	NA	NA	NA	NA	NA	NA	0.0570 J	0.0207 J	NA	NA	NA	NA	NA	NA	0.0821 J	0.0138 J
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	< 20	< 20
VOCs	Benzene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Bromoform			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Bromomethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0
VOCs	2-Butanone			ug/L	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10
VOCs	Carbon disulfide			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Chloroethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0
VOCs	Chloroform			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	11	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	4.2	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Chloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 10	< 10
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-115	W-115	W-115	W-115	W-115	W-115	W-115	W-116	W-116	W-116	W-116	W-116	W-116	W-116	W-116	W-117	W-117	W-117	W-117	W-117	W-117	W-117	W-117	W-118	W-118
				Date	10/14/2021	4/12/2022	10/12/2022	4/7/2023	10/4/2023	4/9/2024	10/8/2024	8/3/2021	10/14/2021	4/12/2022	10/12/2022	4/7/2023	10/4/2023	4/9/2024	10/8/2024	8/3/2021	10/14/2021	4/12/2022	10/13/2022	4/7/2023	10/4/2023	4/9/2024	10/8/2024	8/3/2021	10/14/2021
				Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1.0	< 1.0	< 1.0	< 1.0	0.47 J	< 1.0	< 1.0	< 0.600	1.9	2.2	10	11	4.9	12	3.1	3.26	77	85
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	1.2	0.63 J	< 1.0	0.97 J	< 1.0	< 0.500	2.2	2.1
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-118	W-118	W-118	W-118	W-118	W-118	W-119	W-119	W-119	W-119	W-119	W-119	W-119	W-119	W-119	W-120	W-120	W-120	W-120	W-120	W-120	W-120	W-120	W-120
					Date	4/12/2022	10/13/2022	4/7/2023	10/11/2023	4/12/2024	10/8/2024	8/4/2021	8/4/2021	10/18/2021	4/12/2022	10/13/2022	4/14/2023	10/11/2023	4/11/2024	4/11/2024	10/8/2024	8/4/2021	10/15/2021	4/13/2022	10/13/2022	10/13/2022	1/6/2023	4/7/2023	10/11/2023	4/10/2024
					Type	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	FD	N	N	N	N	N	FD	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L		0.171 #	NA	NA	NA	NA	NA	1.47 #	0 ##	2.25 #	0 ##	NA	NA	NA	NA	NA	NA	0 ##	1.26 #	1.56 #	NA	NA	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L		6.43	NA	NA	NA	NA	NA	3.27 #	0.966 #	2.00 #	4.55	NA	NA	NA	NA	NA	NA	1.81 #	3.56 #	2.87 #	NA	NA	NA	NA	NA	NA
Radiological	Tritium			pCi/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L		0 ##	2.71 #	0.669 #	0 ##	0 ##	0 ##	1.06 #	1.96 #	0 ##	0 ##	0 ##	1.09 #	0 ##	3.62 #	0.859 #	0 ##	1.13 #	1.01 #	1.50 #	0.844 #	0.706 #	NA	2.06 #	0 ##	1.40 #
Radiological	Uranium-233/234			pCi/L		0 ##	NA	0.216 #	NA	NA	NA	0 ##	0.0709 #	0 ##	0 ##	NA	2.32	NA	NA	NA	NA	0 ##	0.393	0.277	NA	NA	NA	0.345 #	NA	NA
Radiological	Uranium-235/236			pCi/L		0.0382 #	NA	0.0777 #	NA	NA	NA	0 #	0 ##	0.0153 #	0.0486 #	NA	0.206 #	NA	NA	NA	NA	0 ##	0 ##	0.0610 #	NA	NA	NA	0.284 #	NA	NA
Radiological	Uranium-238			pCi/L		0.0114 #	NA	0.0152 #	NA	NA	NA	0 ##	0 ##	0 ##	0.0394 #	NA	0.666 #	NA	NA	NA	NA	0 ##	0.278 #	0.112 #	NA	NA	NA	0.358 #	NA	NA
Radiological	Percent Uranium-235			%		0 #	NA	0 #	NA	NA	NA	0 #	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	0 #	0 #	0 #	NA	NA	NA	0 #	NA	NA
Radiological	Uranium-234			ug/L		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L		< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	NA	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.580	0.623	0.817	0.495	0.502	NA	0.554	0.169 J	0.354
Radiological	Total Uranium Isotopes	30		ug/L		< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.580	0.623	0	0.495	0.502	NA	0.554	0.169 J	0.354
Chemical	Fluoride	4		mg/L		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.0230 J	0.0250 J	0.016 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.132	0.083 J	< 0.10	< 0.10	< 0.10	NA	< 0.10	< 0.10	< 0.10
Chemical	Nitrate as N	10		mg/L		4.0	3.4	2.9	2.3	2.3	2.4	0.86	0.89	1.5	1.7	1.7	1.5	1.4	1.3	1.4	1.4	2.8	4.5	2.7	3.3	3.3	NA	3.0	3.9	1.2
Chemical	Ammonia as N			mg/L		NA	NA	NA	NA	NA	NA	0.0129 J	0.0341 J	0.0635 J	NA	NA	NA	NA	NA	NA	NA	0.0265 J	0.0228 J	NA	NA	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L		< 20	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	NA	< 100	< 20	< 100	NA	NA	< 20	< 100	NA	NA
VOCs	Benzene	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Bromodichloromethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Bromoform			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Bromomethane			ug/L		< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 10	< 2.0	< 10	NA	NA	< 2.0	< 10	NA	NA
VOCs	2-Butanone			ug/L		< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 50	< 10	< 50	NA	NA	< 10	< 50	NA	NA
VOCs	Carbon disulfide			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Carbon tetrachloride	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Chlorobenzene	100		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Chloroethane			ug/L		< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 10	< 2.0	< 10	NA	NA	< 2.0	< 10	NA	NA
VOCs	Chloroform			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Chloromethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Cyclohexane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	1,1-Dichloroethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Dichlorodifluoromethane			ug/L		< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 10	< 2.0	< 10	NA	NA	< 2.0	< 10	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 5.0	1.3	< 5.0	NA	NA	0.74 J	< 5.0	0.67 J	1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Ethylbenzene	700		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	2-Hexanone			ug/L		< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 50	< 10	< 50	NA	NA	< 10	< 50	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Methyl acetate			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Methyl tert-butyl ether			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L		< 10	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 50	< 10	< 50	NA	NA	< 10	< 50	NA	NA
VOCs	Methylcyclohexane			ug/L		< 5.0	< 5.0	< 5.0	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 25	< 5.0	< 25	NA	NA	< 5.0	< 25	NA	NA
VOCs	Methylene chloride	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Naphthalene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-118	W-118	W-118	W-118	W-118	W-118	W-119	W-119	W-119	W-119	W-119	W-119	W-119	W-119	W-120	W-120	W-120	W-120	W-120	W-120	W-120	W-120	W-120
					Date	4/12/2022	10/13/2022	4/7/2023	10/11/2023	4/12/2024	10/8/2024	8/4/2021	8/4/2021	10/18/2021	4/12/2022	10/13/2022	4/14/2023	10/11/2023	4/11/2024	4/11/2024	10/8/2024	8/4/2021	10/15/2021	4/13/2022	10/13/2022	10/13/2022	1/6/2023	4/7/2023	10/11/2023	4/10/2024
					Type	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	FD	N	N	N	N	FD	N	N	N	N
Group	Analyte	MCL	note	Units																								
VOCs	1,1,2,2-Tetrachloroethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Tetrachloroethene	5		ug/L		68	83	52	74	61	50.6	79	80	74	81	71	53	68	62	59	43.4	320	340	300	NA	NA	200	260	330	260
VOCs	Toluene	1000		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Trichloroethene	5		ug/L		2.0	2.4	1.6	2.2	2.2	1.63	2.6	2.6	2.3	2.9	2.5	2.6	2.7	3.1	2.9	1.93	15	17	13	NA	NA	9.3	11	15	14
VOCs	Trichlorofluoromethane			ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Vinyl chloride	2		ug/L		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L		< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 5.0	< 1.0	< 5.0	NA	NA	< 1.0	< 5.0	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-120	W-121	W-121	W-121	W-121	W-121	W-121	W-121	W-121	W-121	W-121	W-122	W-122	W-122	W-122	W-122	W-122	W-122	W-122	W-123	W-123	W-123	W-123	W-123
				Date	10/9/2024	8/4/2021	10/15/2021	4/13/2022	10/13/2022	4/7/2023	10/11/2023	10/11/2023	4/10/2024	10/9/2024	10/9/2024	8/5/2021	10/13/2021	4/11/2022	10/11/2022	4/13/2023	10/26/2023	4/8/2024	4/8/2024	10/7/2024	7/26/2021	10/5/2021	4/4/2022	10/4/2022	1/3/2023
				Type	N	N	N	N	N	N	N	FD	N	N	FD	N	N	N	N	N	N	N	FD	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																								
Radiological	Alpha particles	15	*	pCi/L	NA	0.907 #	0 ##	0.229 #	NA	NA	NA	NA	NA	NA	NA	0 ##	3.49	1.74 #	NA	NA	NA	NA	NA	NA	11.6	5.31	10.0	NA	NA
Radiological	Beta particles	50	*	pCi/L	NA	0 ##	5.06	3.62 #	NA	NA	NA	NA	NA	NA	NA	2.62 #	1.45 #	1.46 #	NA	NA	NA	NA	NA	NA	158	239	291	NA	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0 ##	2.41 #	1.62 #	0.699 #	2.01 #	3.18 #	0 ##	0 ##	0 ##	0 ##	0 ##	0 ##	0.494 #	0.134 #	0 ##	0.976 #	1.15 #	0 ##	0 ##	0 ##	220	424	442	498	NA
Radiological	Uranium-233/234			pCi/L	NA	0 ##	0.0102 #	0.0156 #	NA	0.108 #	NA	NA	NA	NA	NA	0 ##	0 ##	0.0290 #	NA	0.0275 #	NA	NA	NA	NA	0.465	0.333	0.437	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	0.0734 #	0.0118 #	0.0259 #	NA	0 ##	NA	NA	NA	NA	NA	0.0308 #	0 ##	0 #	NA	0.113	NA	NA	NA	NA	0.136 #	0.0432 #	0.0321 #	NA	NA
Radiological	Uranium-238			pCi/L	NA	0 ##	0 ##	0.0353 #	NA	0.0997 #	NA	NA	NA	NA	NA	0 ##	0 ##	0.0729 #	NA	0.00122 #	NA	NA	NA	NA	0.400	0.421	0.481	NA	NA
Radiological	Percent Uranium-235			%	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	NA	0 #	0 #	0 #	NA	93.5	NA	NA	NA	NA	0 #	0 #	0 #	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	NA
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	0.0118 J	< 0.0700	0.0118 J	NA
Radiological	Uranium-238			ug/L	0.322	0.0808 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.418	1.60	1.37	1.76	NA
Radiological	Total Uranium Isotopes	30		ug/L	0.322	0.0808 J	< 0.200	0	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.418	1.61	1.37	1.77	NA
Chemical	Fluoride	4		mg/L	< 0.10	0.171	0.057 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.0860 J	0.056 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	3.24	8.13	7.4	NA	9.2
Chemical	Nitrate as N	10		mg/L	3.5	2.5	2.5	1.4	2.0	1.8	2.5	2.6	1.7	1.7	1.7	< 0.020	< 0.020	< 0.020	< 0.020	0.030	< 0.020	0.082	0.12	0.50	85	120	83	120	NA
Chemical	Ammonia as N			mg/L	NA	0.0932 J	0.0484 J	NA	NA	NA	NA	NA	NA	NA	NA	0.00750 J	0.0248 J	NA	NA	NA	NA	NA	NA	NA	14.9	95	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	NA	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	NA	NA	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	NA	< 20	< 20	< 20	< 20	NA
VOCs	Benzene	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Bromodichloromethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Bromoform			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Bromomethane			ug/L	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA
VOCs	2-Butanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA
VOCs	Carbon disulfide			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Carbon tetrachloride	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Chlorobenzene	100		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Chloroethane			ug/L	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA
VOCs	Chloroform			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Chloromethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	8.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Cyclohexane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,3-Dichlorobenzene			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1-Dichloroethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Dichlorodifluoromethane			ug/L	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	NA
VOCs	1,2-Dichloroethane	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1-Dichloroethene	7		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	0.667 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	1.6	1.9	1.9	2.0	NA
VOCs	trans-1,2-Dichloroethene	100		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2-Dichloropropane	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	cis-1,3-Dichloropropene			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	trans-1,3-Dichloropropene			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Ethylbenzene	700		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	2-Hexanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Methyl acetate			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Methyl tert-butyl ether			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	4-Methyl-2-pentanone			ug/L	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 10	< 10	< 10	< 10	NA
VOCs	Methylcyclohexane			ug/L	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 5.0	NA
VOCs	Methylene chloride	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-120	W-121	W-121	W-121	W-121	W-121	W-121	W-121	W-121	W-121	W-121	W-122	W-122	W-122	W-122	W-122	W-122	W-122	W-122	W-123	W-123	W-123	W-123	W-123
				Date	10/9/2024	8/4/2021	10/15/2021	4/13/2022	10/13/2022	4/7/2023	10/11/2023	10/11/2023	4/10/2024	10/9/2024	10/9/2024	8/5/2021	10/13/2021	4/11/2022	10/11/2022	4/13/2023	10/26/2023	4/8/2024	4/8/2024	10/7/2024	7/26/2021	10/5/2021	4/4/2022	10/4/2022	1/3/2023
				Type	N	N	N	N	N	N	N	FD	N	N	FD	N	N	N	N	N	N	N	FD	N	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Tetrachloroethene	5		ug/L	219	39	82	25	25	5.0	28	28	12	5.66	5.42	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	11	23	20	27	NA
VOCs	Toluene	1000		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Trichloroethene	5		ug/L	9.76	1.2	2.4	< 1.0	0.44 J	< 1.0	1.3	1.0	< 1.0	< 0.500	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	6.3	7.7	9.6	8.8	NA
VOCs	Trichlorofluoromethane			ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Vinyl chloride	2		ug/L	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Xylenes, Total	10000		ug/L	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

					Well	W-123	W-123	W-123	W-123	W-123	W-124	W-124	W-124	W-124	W-124	W-124	W-124	W-124	W-125	W-125	W-125	W-125	W-125	W-125	W-125	W-125	W-126	W-126	W-126
					Date	4/6/2023	4/6/2023	10/5/2023	4/3/2024	10/1/2024	8/3/2021	10/25/2021	4/21/2022	10/20/2022	4/21/2023	10/24/2023	4/18/2024	10/17/2024	8/3/2021	10/25/2021	4/21/2022	10/20/2022	4/19/2023	10/20/2023	10/20/2023	4/17/2024	10/16/2024	8/3/2021	10/25/2021	4/21/2022
					Type	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	NA	NA	2.76 #	0 ##	1.82 #	NA	NA	NA	NA	NA	2.47 #	2.74 #	4.08	NA	NA	NA	NA	NA	NA	0 ##	4.23	2.14 #
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	NA	NA	1.00 #	1.59 #	2.36 #	NA	NA	NA	NA	NA	2.34 #	6.77	7.71	NA	NA	NA	NA	NA	NA	5.56	4.02	6.34
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	260	490	534	384	407	0.912 #	0 ##	0 ##	0.705 #	5.67	0 ##	1.27 #	0.555 #	0.963 #	1.15 #	1.77 #	1.20 #	2.17 #	0.965 #	0.631 #	0.630 #	2.34 #	2.53 #	0 ##	0.912 #
Radiological	Uranium-233/234			pCi/L	0.459	0.617	NA	NA	NA	0 ##	0 ##	0 ##	NA	0 ##	NA	NA	NA	0 ##	0.0880 #	0.00912 #	NA	0.205 #	NA	NA	NA	NA	0 ##	0 ##	0.0205 #
Radiological	Uranium-235/236			pCi/L	0.124 #	0.0774 #	NA	NA	NA	0.122 #	0.0128 #	0 #	NA	0.0303 #	NA	NA	NA	0 ##	0.0279 #	0 ##	NA	0.156 #	NA	NA	NA	NA	0 ##	0 ##	0.0766 #
Radiological	Uranium-238			pCi/L	0.674	0.467	NA	NA	NA	0 ##	0.0297 #	0.127 #	NA	0.0245 #	NA	NA	NA	0 ##	0.0250 #	0.101 #	NA	0.0947 #	NA	NA	NA	NA	0 ##	0 ##	0.103 #
Radiological	Percent Uranium-235			%	0 #	0 #	NA	NA	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	0 #	0 #	0 #	NA	0 #	NA	NA	NA	NA	0 #	0 #	0 #
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	0.0133 J	0.0117 J	0.0137 J	0.0105 J	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	1.73	1.65	1.78	1.45	1.37	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.128 J	< 0.200	0.0709 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0762 J	0.508	0.222	< 0.200	< 0.200
Radiological	Total Uranium Isotopes	30		ug/L	1.74	NA	1.79	1.46	1.37	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.128 J	< 0.200	0.0709 J	< 0.200	< 0.200	< 0.200	< 0.200	< 0.200	0.0762 J	0.508	0.222	< 0.200	< 0.200
Chemical	Fluoride	4		mg/L	8.3	8.3	9.8	9.0	9.2	0.0950 J	0.056 J	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.150	0.257	0.13	0.10	0.18	0.14	0.13	0.60	0.22	0.173	0.251	0.15
Chemical	Nitrate as N	10		mg/L	130	120	120	88	80	0.088	< 0.020	0.075	< 0.020	< 0.020	< 0.020	0.13	0.20	0.19	0.073	0.077	0.10	0.10	0.028	0.028	0.99	0.037	0.074	0.060	0.096
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA	0.0792 J	0.173	NA	NA	NA	NA	NA	NA	3.44	5.42	NA	NA	NA	NA	NA	NA	NA	2.87	2.9	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 20	< 20	NA	NA	NA	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	< 20	< 20	< 20	< 25.0	< 20	NA	NA	NA	NA	< 20	< 20	< 20
VOCs	Benzene	5		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Bromoform			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Bromomethane			ug/L	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0
VOCs	2-Butanone			ug/L	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	< 10	< 10	< 10
VOCs	Carbon disulfide			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	2.5	< 1.0	< 1.0
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Chloroethane			ug/L	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0
VOCs	Chloroform			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Chloromethane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Cyclohexane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Dichlorodifluoromethane			ug/L	< 2.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	NA	NA	NA	NA	< 2.0	< 2.0	< 2.0
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	cis-1,2-Dichloroethene	70		ug/L	1.8	1.7	1.6	1.9	1.60	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.44 J	< 1.0	0.299 J	< 1.0	< 1.0	< 1.0
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	2-Hexanone			ug/L	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	< 10	< 10	< 10
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Methyl acetate			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 10.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	4-Methyl-2-pentanone			ug/L	< 10	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	< 10	< 10	< 10	< 5.0	< 10	NA	NA	NA	NA	< 10	< 10	< 10
VOCs	Methylcyclohexane			ug/L	< 5.0	< 5.0	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	< 5.0	< 5.0	< 5.0	< 10.0	< 5.0	NA	NA	NA	NA	< 5.0	< 5.0	< 5.0
VOCs	Methylene chloride	5		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-123	W-123	W-123	W-123	W-123	W-124	W-124	W-124	W-124	W-124	W-124	W-124	W-124	W-125	W-125	W-125	W-125	W-125	W-125	W-125	W-125	W-126	W-126	W-126
				Date	4/6/2023	4/6/2023	10/5/2023	4/3/2024	10/1/2024	8/3/2021	10/25/2021	4/21/2022	10/20/2022	4/21/2023	10/24/2023	4/18/2024	10/17/2024	8/3/2021	10/25/2021	4/21/2022	10/20/2022	4/19/2023	10/20/2023	10/20/2023	4/17/2024	10/16/2024	8/3/2021	10/25/2021	4/21/2022
				Type	N	FD	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N
Group	Analyte	MCL	note	Units																									
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Tetrachloroethene	5		ug/L	29	28	30	23	18.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.600	< 1.0	< 1.0	< 1.0
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Trichloroethene	5		ug/L	9.7	9.5	8.7	12	8.63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500	< 1.0	< 1.0	< 1.0
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well Type	W-126	W-126	W-126	W-126	W-126
				Date	10/19/2022	4/20/2023	10/23/2023	4/17/2024	10/17/2024
					N	N	N	N	N
Group	Analyte	MCL	note	Units					
Radiological	Alpha particles	15	*	pCi/L	NA	NA	NA	NA	NA
Radiological	Beta particles	50	*	pCi/L	NA	NA	NA	NA	NA
Radiological	Tritium			pCi/L	NA	NA	NA	NA	NA
Radiological	Technetium-99	900		pCi/L	0.983 #	0.558 #	1.96 #	0 ##	1.10 #
Radiological	Uranium-233/234			pCi/L	NA	0.0940 #	NA	NA	NA
Radiological	Uranium-235/236			pCi/L	NA	0 #	NA	NA	NA
Radiological	Uranium-238			pCi/L	NA	0.167 #	NA	NA	NA
Radiological	Percent Uranium-235			%	NA	0 #	NA	NA	NA
Radiological	Uranium-234			ug/L	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Radiological	Uranium-235			ug/L	< 0.0700	< 0.0700	< 0.0700	< 0.0700	< 0.0700
Radiological	Uranium-238			ug/L	< 0.200	< 0.200	< 0.200	0.0726 J	0.308
Radiological	Total Uranium Isotopes	30		ug/L	< 0.200	< 0.200	< 0.200	0.0726 J	0.308
Chemical	Fluoride	4		mg/L	< 0.10	< 0.10	0.17	0.13	< 0.10
Chemical	Nitrate as N	10		mg/L	< 0.020	< 0.020	< 0.020	0.097	0.14
Chemical	Ammonia as N			mg/L	NA	NA	NA	NA	NA
Metals	Aluminum			ug/L	NA	NA	NA	NA	NA
Metals	Antimony	6		ug/L	NA	NA	NA	NA	NA
Metals	Arsenic	10		ug/L	NA	NA	NA	NA	NA
Metals	Barium	2000		ug/L	NA	NA	NA	NA	NA
Metals	Beryllium	4		ug/L	NA	NA	NA	NA	NA
Metals	Cadmium	5		ug/L	NA	NA	NA	NA	NA
Metals	Calcium			ug/L	NA	NA	NA	NA	NA
Metals	Chromium	100		ug/L	NA	NA	NA	NA	NA
Metals	Cobalt			ug/L	NA	NA	NA	NA	NA
Metals	Copper	1300		ug/L	NA	NA	NA	NA	NA
Metals	Iron			ug/L	NA	NA	NA	NA	NA
Metals	Lead	15		ug/L	NA	NA	NA	NA	NA
Metals	Magnesium			ug/L	NA	NA	NA	NA	NA
Metals	Manganese			ug/L	NA	NA	NA	NA	NA
Metals	Mercury	2		ug/L	NA	NA	NA	NA	NA
Metals	Nickel			ug/L	NA	NA	NA	NA	NA
Metals	Potassium			ug/L	NA	NA	NA	NA	NA
Metals	Selenium	50		ug/L	NA	NA	NA	NA	NA
Metals	Silver			ug/L	NA	NA	NA	NA	NA
Metals	Sodium			ug/L	NA	NA	NA	NA	NA
Metals	Thallium	2		ug/L	NA	NA	NA	NA	NA
Metals	Vanadium			ug/L	NA	NA	NA	NA	NA
Metals	Zinc			ug/L	NA	NA	NA	NA	NA
VOCs	Acetone			ug/L	< 25.0	< 20	NA	NA	NA
VOCs	Benzene	5		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromodichloromethane			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromoform			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Bromomethane			ug/L	< 2.0	< 2.0	NA	NA	NA
VOCs	2-Butanone			ug/L	< 5.0	< 10	NA	NA	NA
VOCs	Carbon disulfide			ug/L	< 2.0	< 1.0	NA	NA	NA
VOCs	Carbon tetrachloride	5		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Chlorobenzene	100		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Chloroethane			ug/L	< 1.0	< 2.0	NA	NA	NA
VOCs	Chloroform			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Chloromethane			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Cyclohexane			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane	0.2		ug/L	< 2.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromo-3-chloropropane (8011)	0.2		ug/L	NA	NA	NA	NA	NA
VOCs	Dibromochloromethane			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane	0.05		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dibromoethane (8011)	0.05		ug/L	NA	NA	NA	NA	NA
VOCs	1,2-Dichlorobenzene	600		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	1,3-Dichlorobenzene			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	1,4-Dichlorobenzene	75		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethane			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Dichlorodifluoromethane			ug/L	< 1.0	< 2.0	NA	NA	NA
VOCs	1,2-Dichloroethane	5		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1-Dichloroethene	7		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	cis-1,2-Dichloroethene	70		ug/L	0.68 J	0.56 J	1.0	0.91 J	< 0.500
VOCs	trans-1,2-Dichloroethene	100		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2-Dichloropropane	5		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	cis-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	trans-1,3-Dichloropropene			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Ethylbenzene	700		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	2-Hexanone			ug/L	< 5.0	< 10	NA	NA	NA
VOCs	(1-Methylethyl)-Benzene			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Methyl acetate			ug/L	< 10.0	< 1.0	NA	NA	NA
VOCs	Methyl tert-butyl ether			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	4-Methyl-2-pentanone			ug/L	< 5.0	< 10	NA	NA	NA
VOCs	Methylcyclohexane			ug/L	< 10.0	< 5.0	NA	NA	NA
VOCs	Methylene chloride	5		ug/L	< 5.0	< 1.0	NA	NA	NA
VOCs	Naphthalene (VOC)			ug/L	NA	NA	NA	NA	NA
VOCs	Styrene	100		ug/L	< 1.0	< 1.0	NA	NA	NA

Appendix C - Historical Groundwater Analytical Results (2015 - 2024)
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

				Well	W-126	W-126	W-126	W-126	W-126
				Date	10/19/2022	4/20/2023	10/23/2023	4/17/2024	10/17/2024
				Type	N	N	N	N	N
Group	Analyte	MCL	note	Units					
VOCs	1,1,2,2-Tetrachloroethane			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Tetrachloroethene	5		ug/L	< 1.0	0.43 J	< 1.0	< 1.0	< 0.600
VOCs	Toluene	1000		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichlor-1,2,2-trifluoroethane			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	1,2,4-Trichlorobenzene	70		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,1-Trichloroethane	200		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	1,1,2-Trichloroethane	5		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Trichloroethene	5		ug/L	< 1.0	1.8	2.0	2.1	< 0.500
VOCs	Trichlorofluoromethane			ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Vinyl chloride	2		ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 0.500
VOCs	Xylenes, Total	10000		ug/L	< 1.0	< 1.0	NA	NA	NA
VOCs	Hexachlorobutadiene (VOC)			ug/L	NA	NA	NA	NA	NA
SVOCs	1,1'-Biphenyl			ug/L	NA	NA	NA	NA	NA
SVOCs	2,4,5-Trichlorophenol			ug/L	NA	NA	NA	NA	NA
SVOCs	2,4,6-Trichlorophenol			ug/L	NA	NA	NA	NA	NA
SVOCs	2,4-Dichlorophenol			ug/L	NA	NA	NA	NA	NA
SVOCs	2,4-Dimethylphenol			ug/L	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrophenol			ug/L	NA	NA	NA	NA	NA
SVOCs	2,4-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA
SVOCs	2,6-Dinitrotoluene			ug/L	NA	NA	NA	NA	NA
SVOCs	2-Chloronaphthalene			ug/L	NA	NA	NA	NA	NA
SVOCs	2-Chlorophenol			ug/L	NA	NA	NA	NA	NA
SVOCs	2-Methylnaphthalene			ug/L	NA	NA	NA	NA	NA
SVOCs	2-Methylphenol			ug/L	NA	NA	NA	NA	NA
SVOCs	2-Nitroaniline			ug/L	NA	NA	NA	NA	NA
SVOCs	2-Nitrophenol			ug/L	NA	NA	NA	NA	NA
SVOCs	3,3'-Dichlorobenzidine			ug/L	NA	NA	NA	NA	NA
SVOCs	3-Nitroaniline			ug/L	NA	NA	NA	NA	NA
SVOCs	4,6-Dinitro-2-methylphenol			ug/L	NA	NA	NA	NA	NA
SVOCs	4-Bromophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA
SVOCs	4-Chloro-3-methylphenol			ug/L	NA	NA	NA	NA	NA
SVOCs	4-Chloroaniline			ug/L	NA	NA	NA	NA	NA
SVOCs	4-Chlorophenyl phenyl ether			ug/L	NA	NA	NA	NA	NA
SVOCs	4-Methylphenol			ug/L	NA	NA	NA	NA	NA
SVOCs	4-Nitroaniline			ug/L	NA	NA	NA	NA	NA
SVOCs	4-Nitrophenol			ug/L	NA	NA	NA	NA	NA
SVOCs	Acenaphthene			ug/L	NA	NA	NA	NA	NA
SVOCs	Acenaphthylene			ug/L	NA	NA	NA	NA	NA
SVOCs	Acetophenone			ug/L	NA	NA	NA	NA	NA
SVOCs	Anthracene			ug/L	NA	NA	NA	NA	NA
SVOCs	Atrazine	3		ug/L	NA	NA	NA	NA	NA
SVOCs	Benz(a)anthracene			ug/L	NA	NA	NA	NA	NA
SVOCs	Benzaldehyde			ug/L	NA	NA	NA	NA	NA
SVOCs	Benzo(a)pyrene	0.2		ug/L	NA	NA	NA	NA	NA
SVOCs	Benzo(b)fluoranthene			ug/L	NA	NA	NA	NA	NA
SVOCs	Benzo(g,h,i)perylene			ug/L	NA	NA	NA	NA	NA
SVOCs	Benzo(k)fluoranthene			ug/L	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethoxy)methane			ug/L	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroethyl)ether			ug/L	NA	NA	NA	NA	NA
SVOCs	Bis(2-chloroisopropyl)ether			ug/L	NA	NA	NA	NA	NA
SVOCs	Bis(2-ethylhexyl)phthalate	6		ug/L	NA	NA	NA	NA	NA
SVOCs	Butyl benzyl phthalate			ug/L	NA	NA	NA	NA	NA
SVOCs	Caprolactam			ug/L	NA	NA	NA	NA	NA
SVOCs	Carbazole			ug/L	NA	NA	NA	NA	NA
SVOCs	Chrysene			ug/L	NA	NA	NA	NA	NA
SVOCs	Di-n-butyl phthalate			ug/L	NA	NA	NA	NA	NA
SVOCs	Di-n-octyl phthalate			ug/L	NA	NA	NA	NA	NA
SVOCs	Dibenz(a,h)anthracene			ug/L	NA	NA	NA	NA	NA
SVOCs	Dibenzofuran			ug/L	NA	NA	NA	NA	NA
SVOCs	Diethyl phthalate			ug/L	NA	NA	NA	NA	NA
SVOCs	Dimethyl phthalate			ug/L	NA	NA	NA	NA	NA
SVOCs	Fluoranthene			ug/L	NA	NA	NA	NA	NA
SVOCs	Fluorene			ug/L	NA	NA	NA	NA	NA
SVOCs	Hexachlorobenzene	1		ug/L	NA	NA	NA	NA	NA
SVOCs	Hexachlorobutadiene			ug/L	NA	NA	NA	NA	NA
SVOCs	Hexachlorocyclopentadiene	50		ug/L	NA	NA	NA	NA	NA
SVOCs	Hexachloroethane			ug/L	NA	NA	NA	NA	NA
SVOCs	Indeno(1,2,3-cd)pyrene			ug/L	NA	NA	NA	NA	NA
SVOCs	Isophorone			ug/L	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodi-n-propylamine			ug/L	NA	NA	NA	NA	NA
SVOCs	N-Nitrosodiphenylamine			ug/L	NA	NA	NA	NA	NA
SVOCs	Naphthalene			ug/L	NA	NA	NA	NA	NA
SVOCs	Nitrobenzene			ug/L	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol	1		ug/L	NA	NA	NA	NA	NA
SVOCs	Pentachlorophenol (SIM)	1		ug/L	NA	NA	NA	NA	NA
SVOCs	Phenanthrene			ug/L	NA	NA	NA	NA	NA
SVOCs	Phenol			ug/L	NA	NA	NA	NA	NA
SVOCs	Pyrene			ug/L	NA	NA	NA	NA	NA
SVOCs	Tributylphosphate			ug/L	NA	NA	NA	NA	NA

Notes:
SVOCs - semi-volatile organic compounds
VOCs - volatile organic compounds
ug/L - micrograms per liter
mg/L - milligrams per liter
pCi/L - picocuries per liter
MCL - Maximum Contaminant Level
* - site-specific action level
N - Normal sample
FD - Field duplicate sample
Concentrations in orange shaded cells exceed their MCL
Bold concentrations indicate detections
J - Result below reporting limit
- value is below minimum detectable concentration
- value shown as zero reported by analytical laboratory as a negative number
NA - not analyzed

Appendix D
Plume Statistics

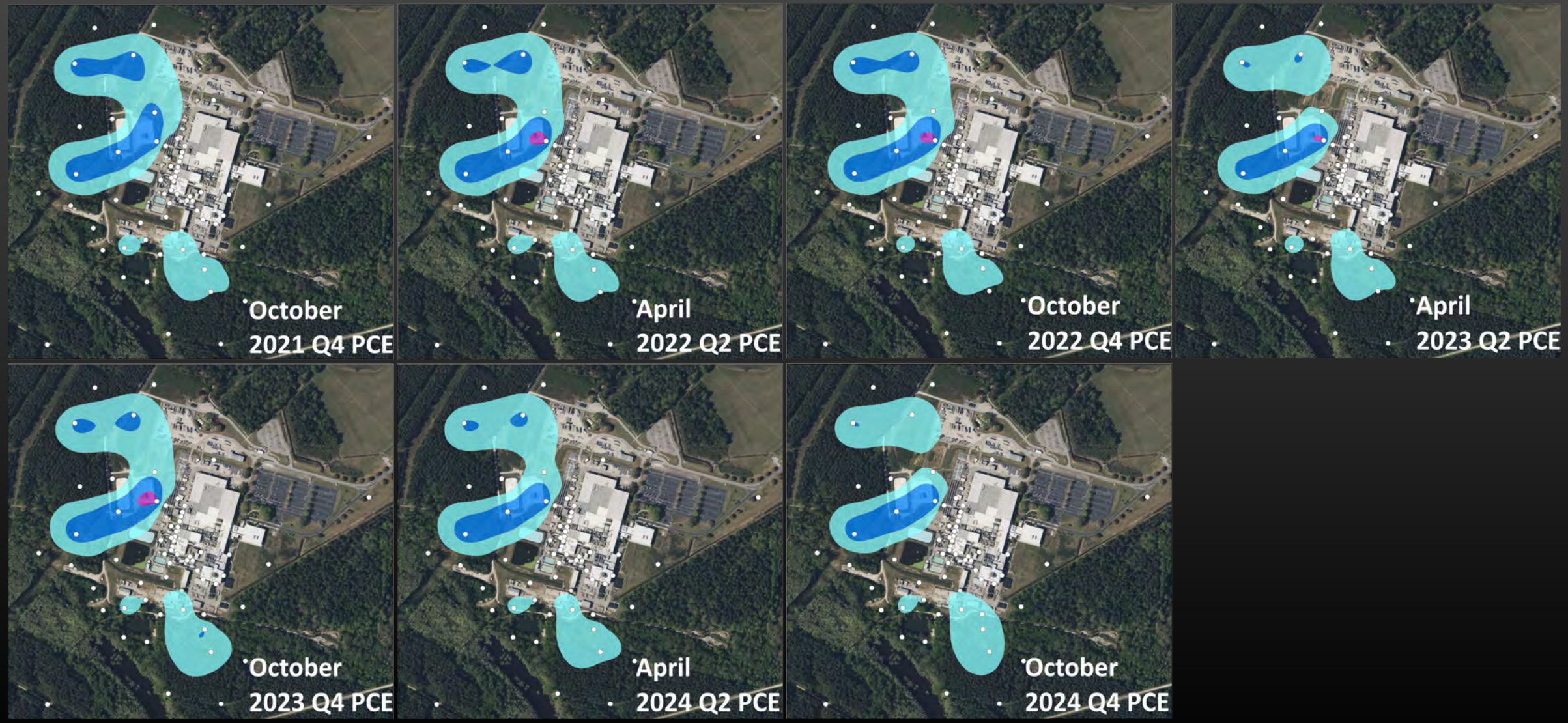
PCE Upper Zone of the Surficial Aquifer

AECOM Imagine it. Delivered.

ug/L

500
50
5

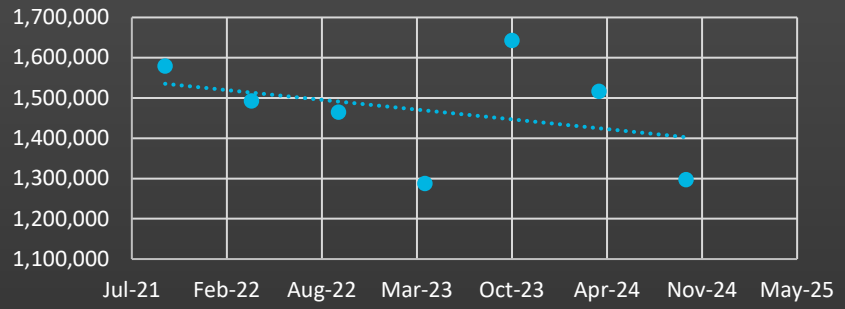
Upper Aquifer



PCE Upper Zone of the Surficial Aquifer

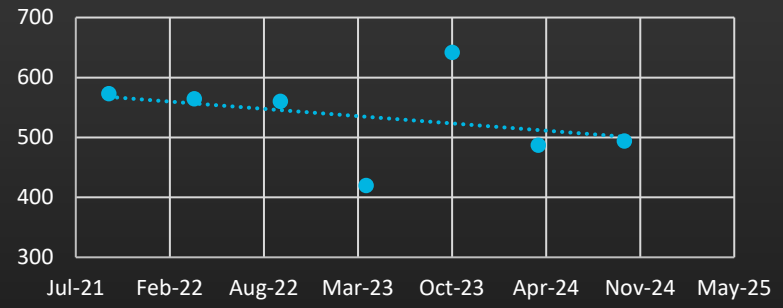
AECOM Imagine it. Delivered.

Plume Area (FT2)



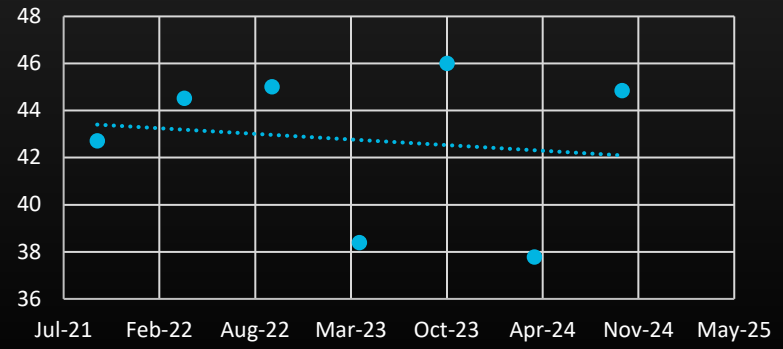
Mann-Kendell	
COV:	0.09
Statistics (S):	-5
Confidence:	72%
Trend:	Stable

Plume Mass (g/ft)



Mann-Kendell	
COV:	0.14
Statistics (S):	-7
Confidence:	81%
Trend:	Stable

Average Concentration (ug/L)



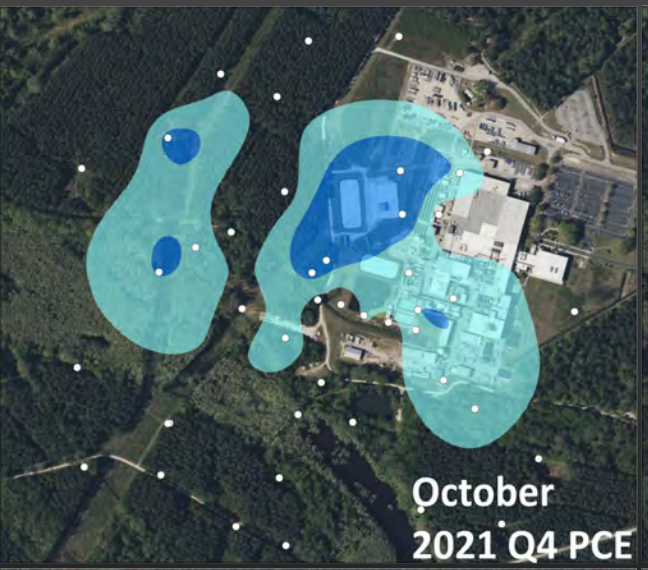
Mann-Kendell	
COV:	0.08
Statistics (S):	1
Confidence:	50%
Trend:	No Trend

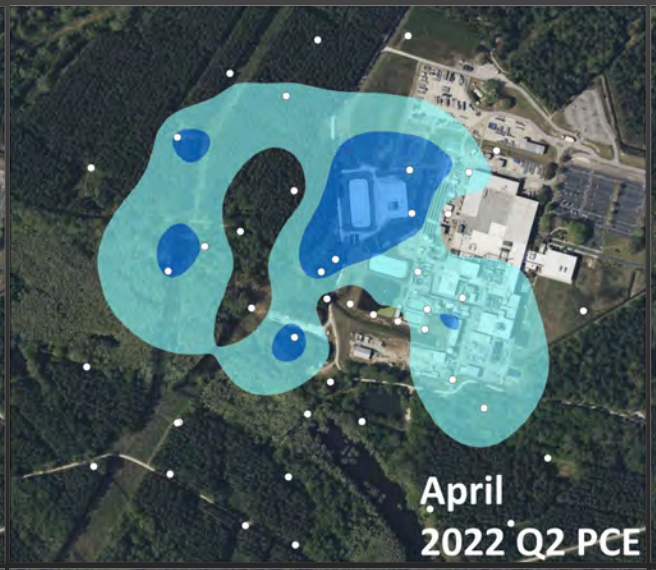
PCE Lower Zone of the Surficial Aquifer

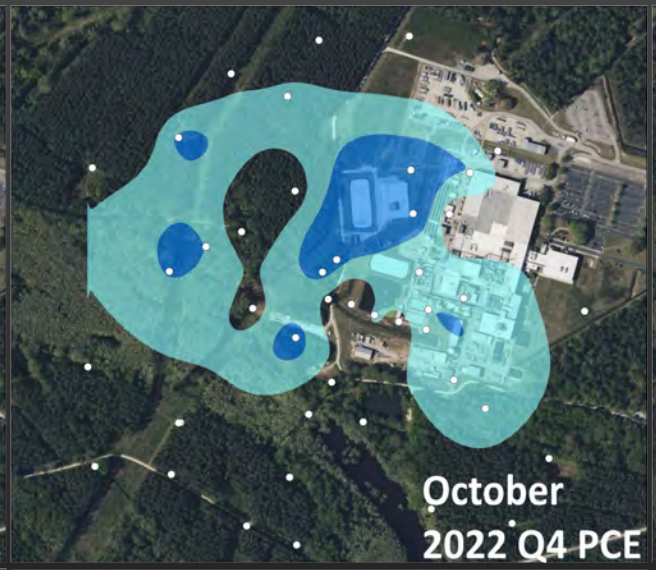
AECOM Imagine it. Delivered.

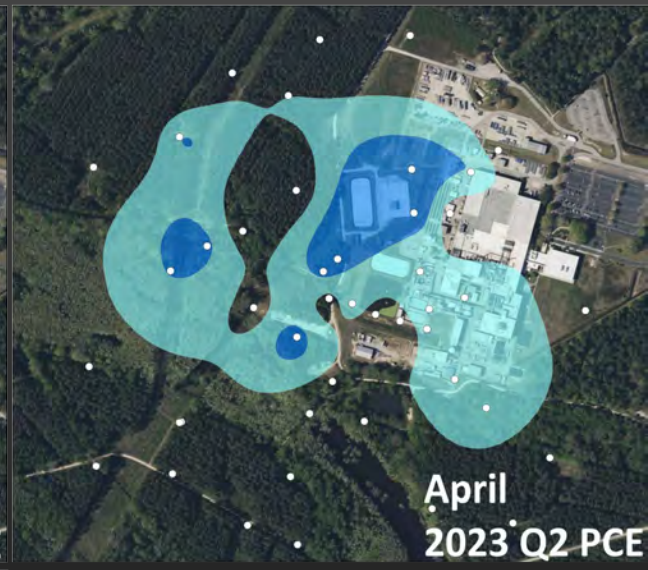
Lower Aquifer

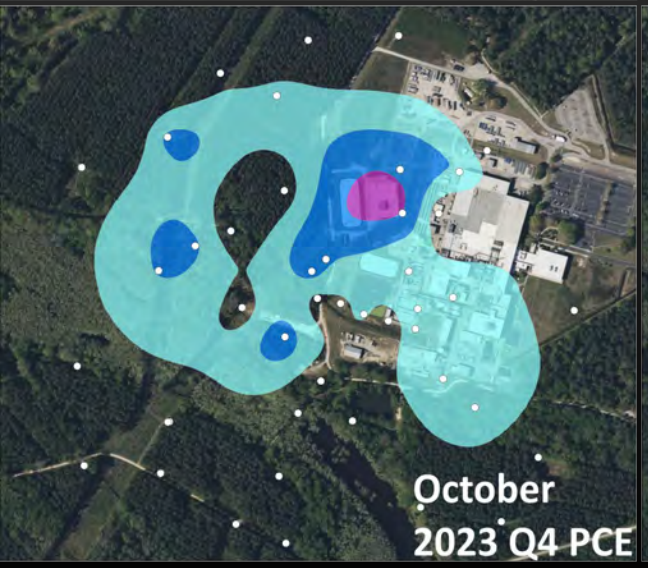
ug/L
500
50
5

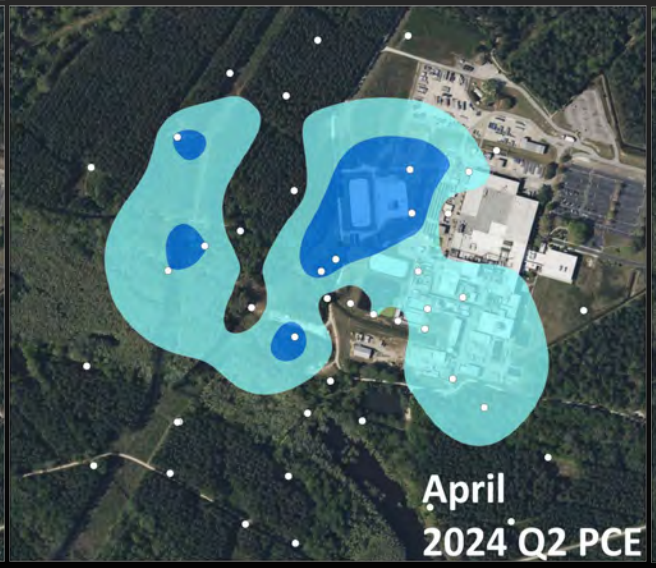


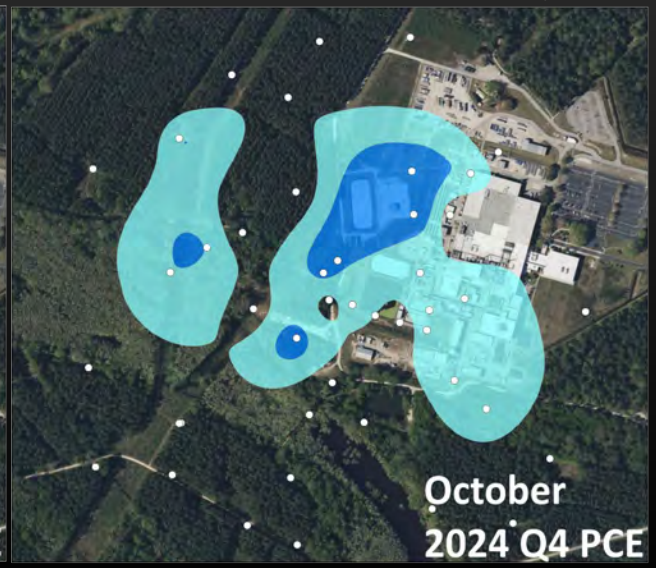








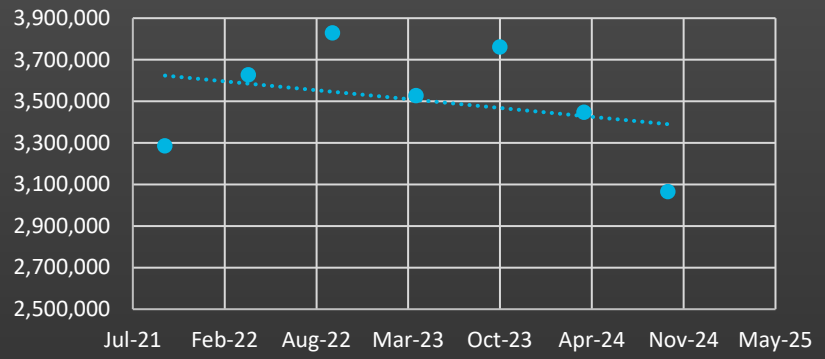




PCE Lower Zone of the Surficial Aquifer

AECOM Imagine it. Delivered.

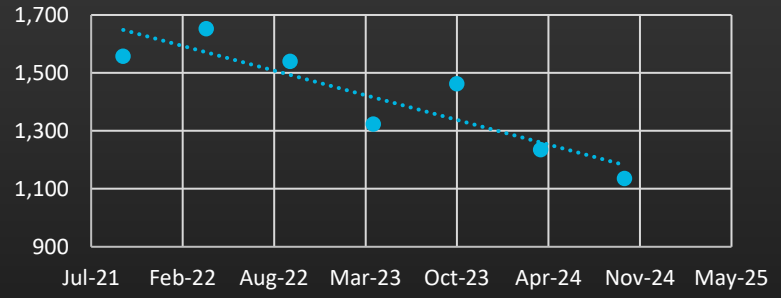
Plume Area (ft^2)



Mann-Kendell

COV:	0.08
Statistics (S):	-5
Confidence:	72%
Trend:	Stable

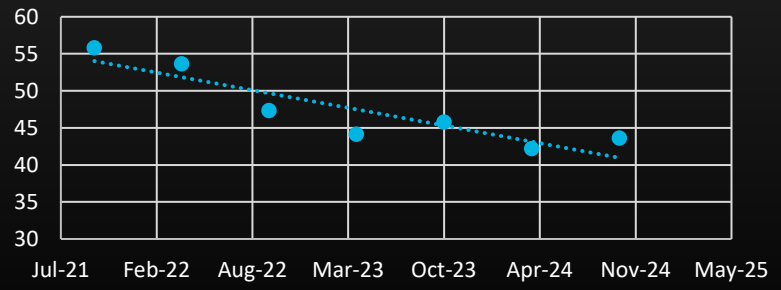
Plume Mass (g/ft)



Mann-Kendell

COV:	0.13
Statistics (S):	-17
Confidence:	100%
Trend:	Decreasing

Average Concentration (ug/L)

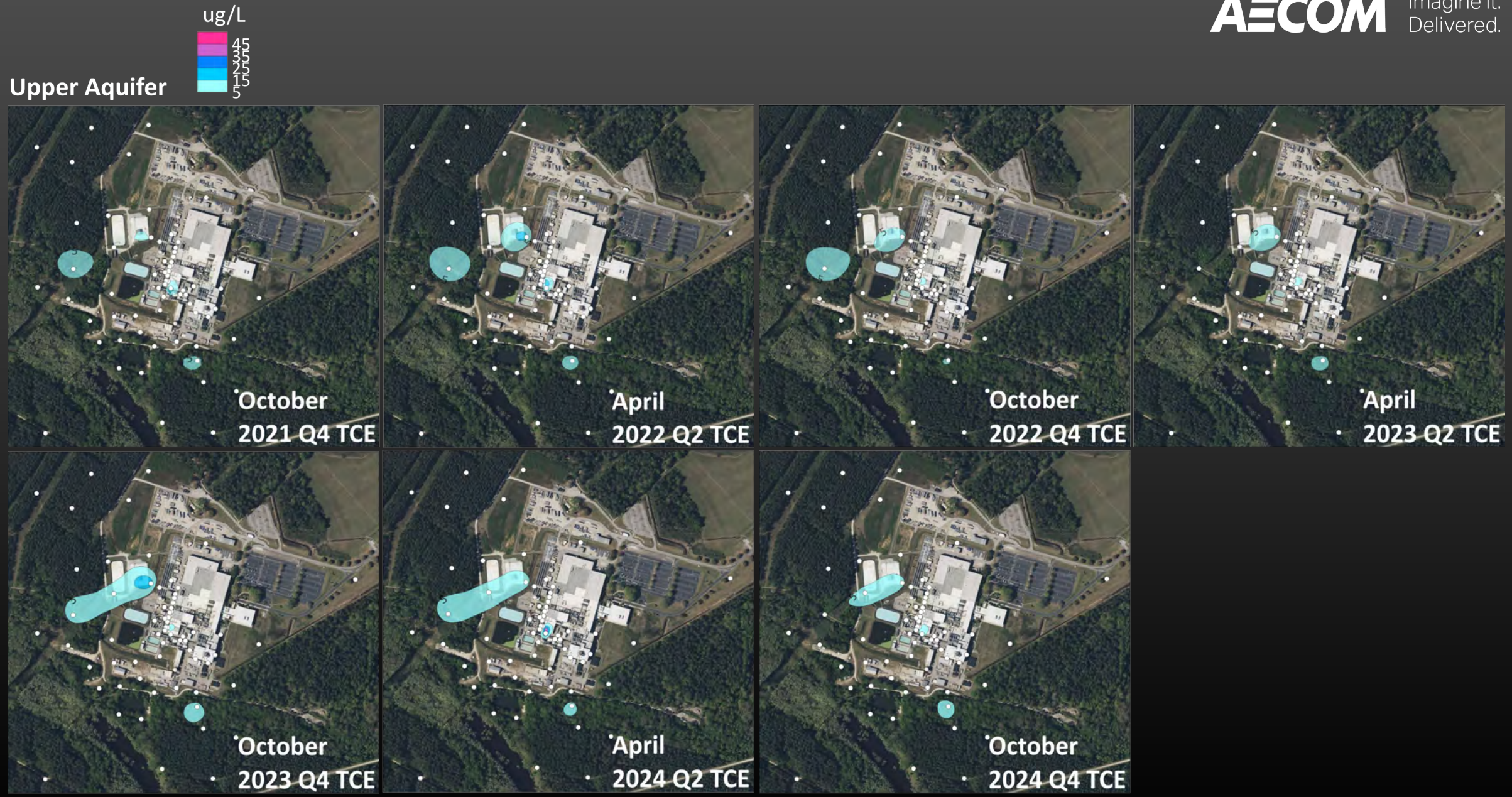


Mann-Kendell

COV:	0.11
Statistics (S):	-17
Confidence:	99%
Trend:	Decreasing

TCE Upper Zone of the Surficial Aquifer

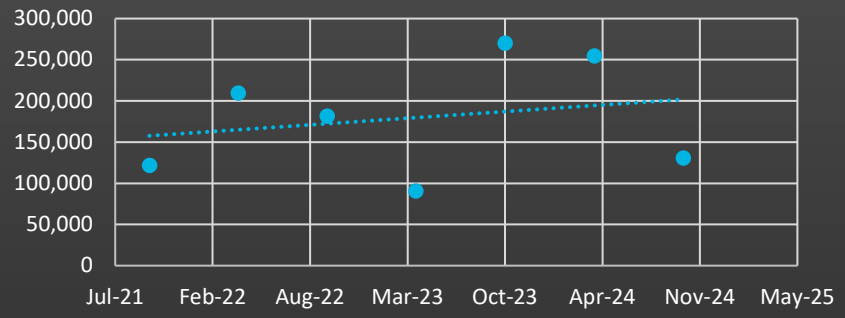
AECOM Imagine it. Delivered.



TCE Upper Zone of the Surficial Aquifer

AECOM Imagine it. Delivered.

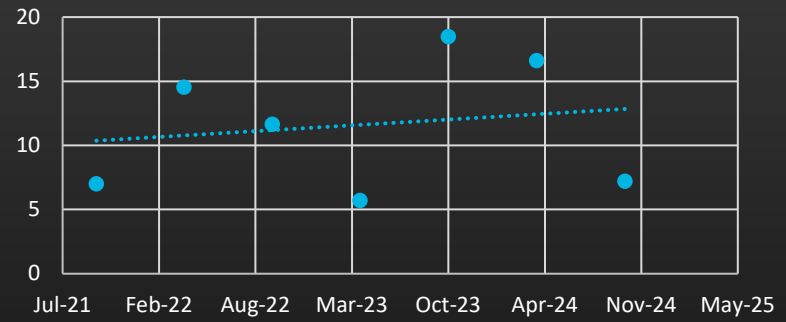
Plume Area (ft^2)



Mann-Kendell

COV:	0.38
Statistics (S):	3
Confidence:	61%
Trend:	No Trend

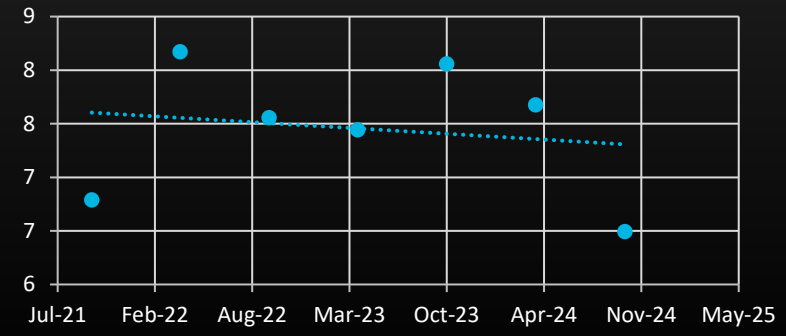
Plume Mass (g/ft)



Mann-Kendell

COV:	0.44
Statistics (S):	3
Confidence:	61%
Trend:	No Trend

Average Concentration (ug/L)



Mann-Kendell

COV:	0.08
Statistics (S):	-3
Confidence:	61%
Trend:	Stable

TCE Lower Zone of the Surficial Aquifer

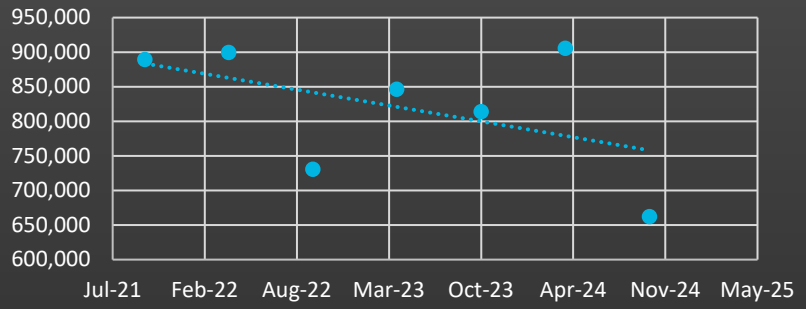
AECOM Imagine it. Delivered.



TCE Lower Zone of the Surficial Aquifer

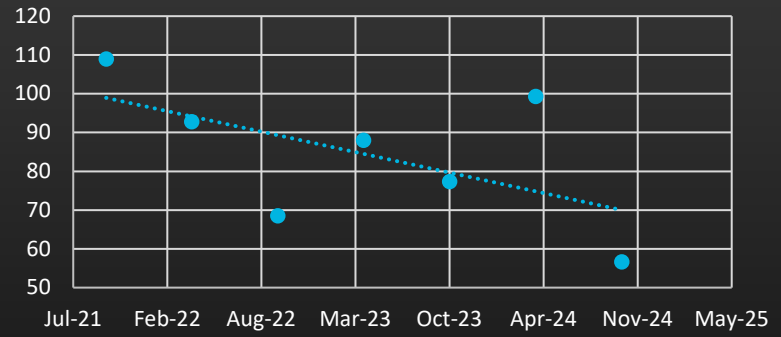
AECOM Imagine it. Delivered.

Plume Area (ft^2)



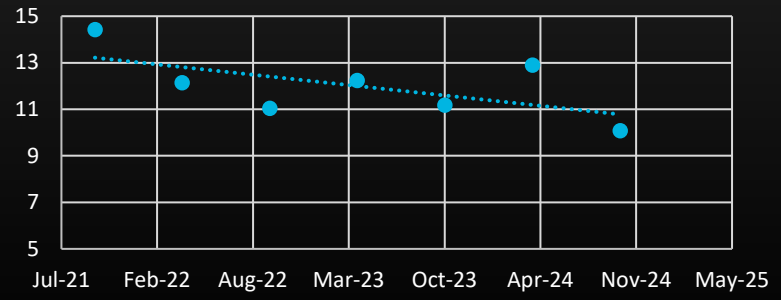
Mann-Kendell	
COV:	0.11
Statistics (S):	-5
Confidence:	72%
Trend:	Stable

Plume Mass (g/ft)



Mann-Kendell	
COV:	0.22
Statistics (S):	-9
Confidence:	88%
Trend:	Stable

Average Concentration (ug/L)



Mann-Kendell	
COV:	0.12
Statistics (S):	-7
Confidence:	81%
Trend:	Stable

Nitrate Surficial Aquifer



AECOM Imagine it. Delivered.



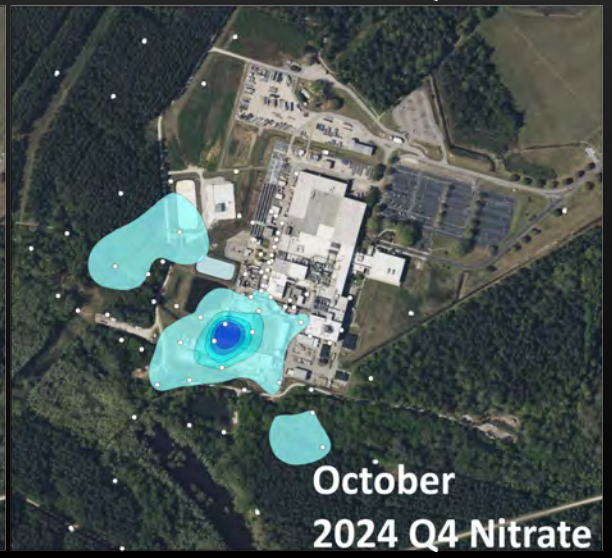








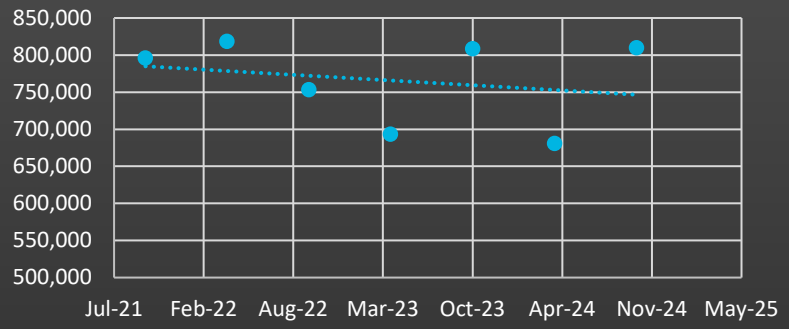




Nitrate Surficial Aquifer

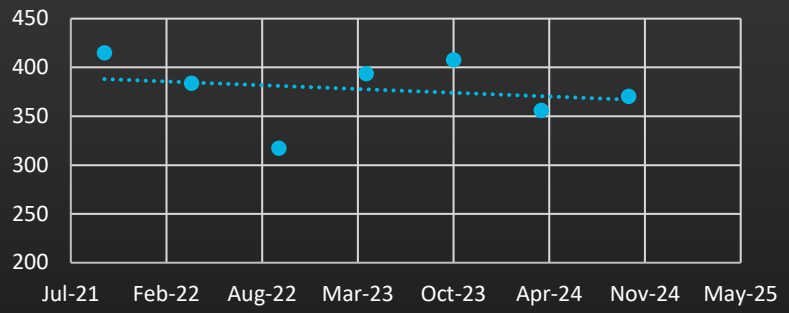
AECOM Imagine it. Delivered.

Plume Area (ft^2)



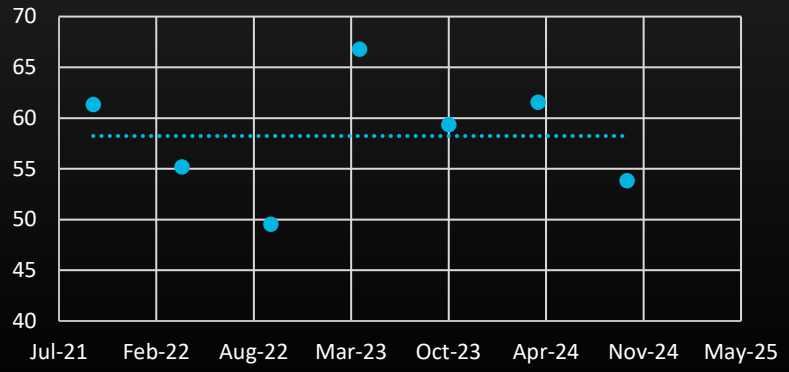
Mann-Kendell	
COV:	0.08
Statistics (S):	-3
Confidence:	61%
Trend:	Stable

Plume Mass (kg/ft)



Mann-Kendell	
COV:	0.09
Statistics (S):	-5
Confidence:	72%
Trend:	Stable

Average Concentration (mg/L)



Mann-Kendell	
COV:	0.1
Statistics (S):	-1
Confidence:	50%
Trend:	Stable

Fluoride Surficial Aquifer



AECOM Imagine it. Delivered.











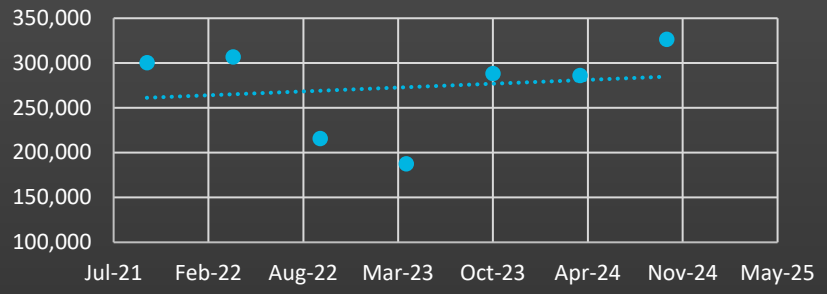




Fluoride Surficial Aquifer

AECOM Imagine it. Delivered.

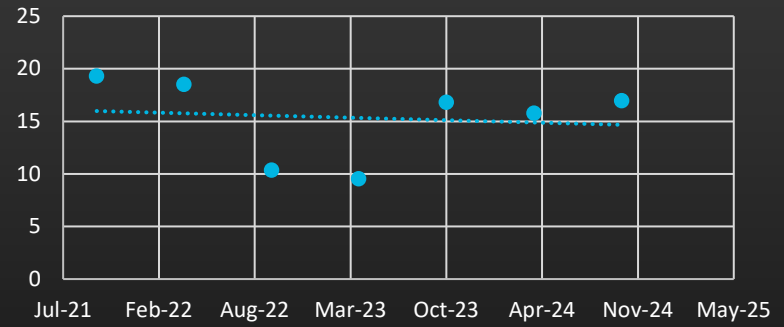
Plume Area (ft^2)



Mann-Kendell

COV:	0.19
Statistics (S):	1
Confidence:	50%
Trend:	No Trend

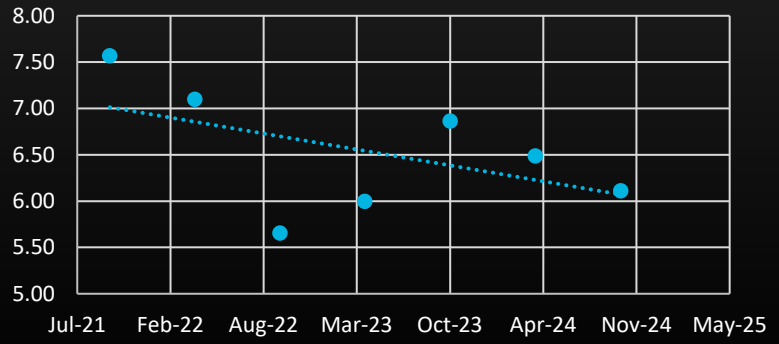
Plume Mass (kg/ft)



Mann-Kendell

COV:	0.25
Statistics (S):	-5
Confidence:	72%
Trend:	Stable

Average Concentration (mg/L)



Mann-Kendell

COV:	0.1
Statistics (S):	-7
Confidence:	81%
Trend:	Stable

Tc-99 Surficial Aquifer



AECOM Imagine it. Delivered.











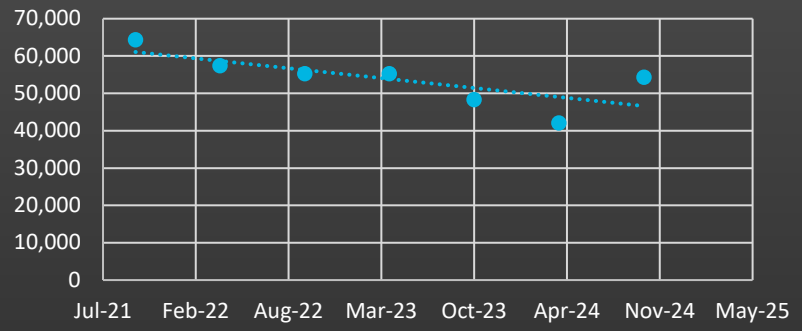




Tc-99 Surficial Aquifer

AECOM Imagine it. Delivered.

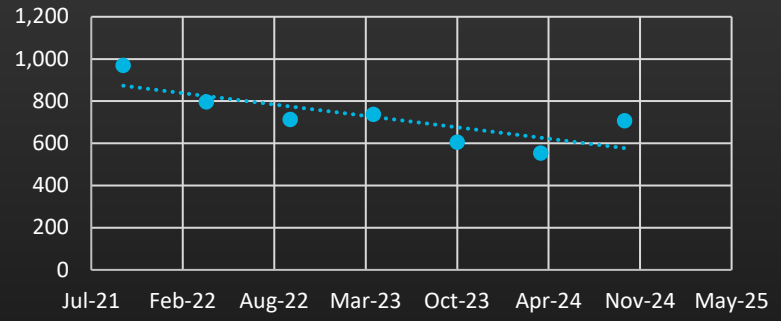
Plume Area (ft^2)



Mann-Kendell

COV:	0.13
Statistics (S):	-17
Confidence:	99.5%
Trend:	Decreasing

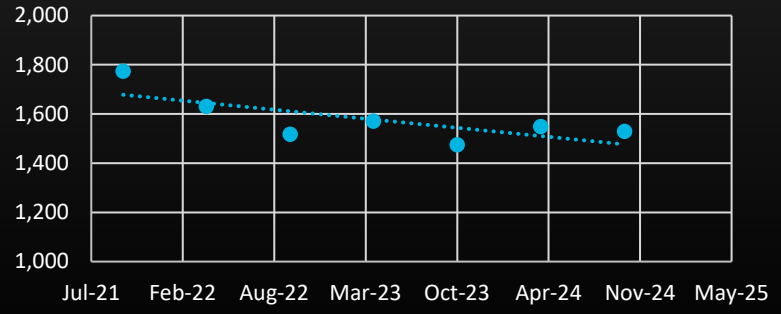
Plume Mass (pCi/ft)



Mann-Kendell

COV:	0.19
Statistics (S):	-15
Confidence:	98.5%
Trend:	Decreasing

Average Concentration (pCi/L)

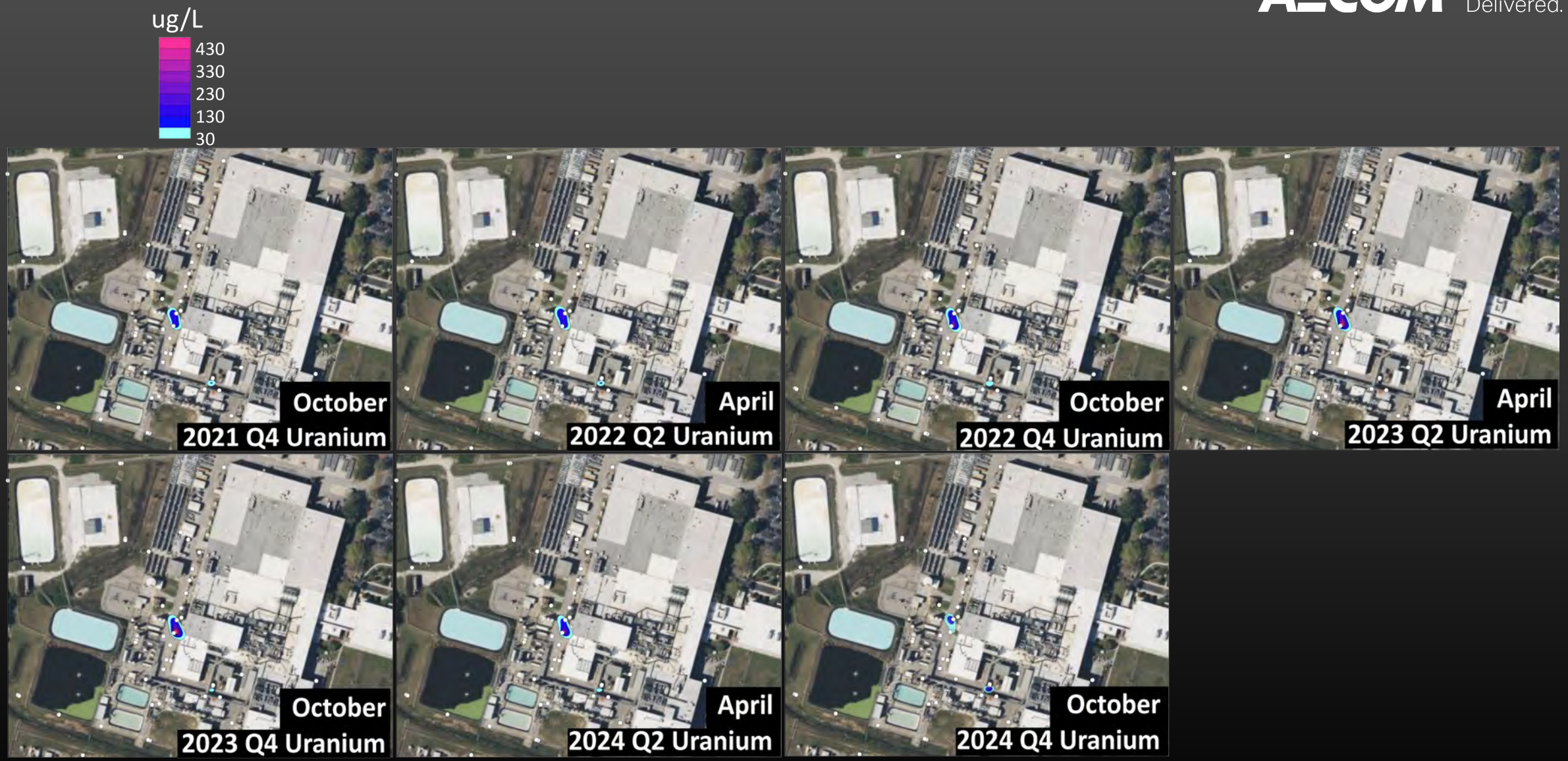


Mann-Kendell

COV:	0.06
Statistics (S):	-11
Confidence:	93.2%
Trend:	Prob. Decreasing

Uranium Surficial Aquifer

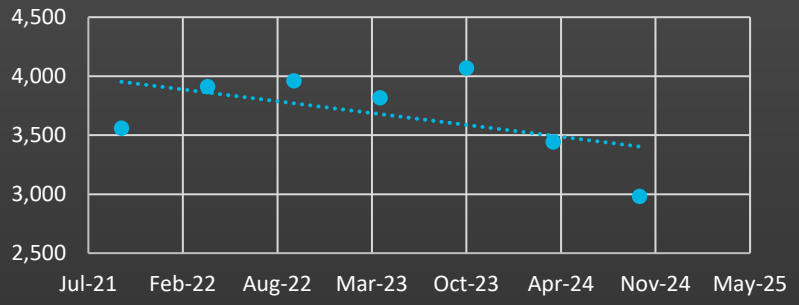
AECOM Imagine it. Delivered.



Uranium Surficial Aquifer

AECOM Imagine it. Delivered.

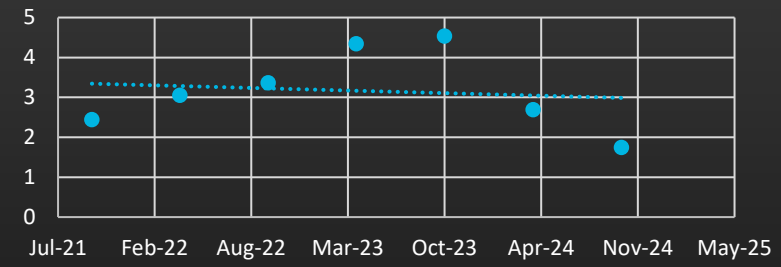
Plume Area (ft^2)



Mann-Kendell

COV:	0.1
Statistics (S):	-5
Confidence:	71.9
Trend:	Stable

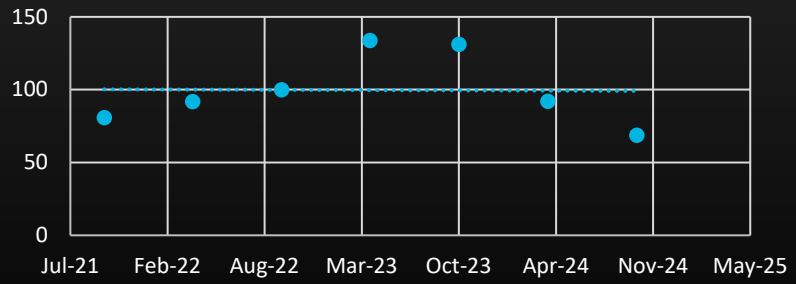
Plume Mass (g/ft)



Mann-Kendell

COV:	0.32
Statistics (S):	1
Confidence:	50
Trend:	No Trend

Average Concentration (ug/L)



Mann-Kendell

COV:	0.25
Statistics (S):	1
Confidence:	50
Trend:	No Trend

Table D1 - Summary of Plume Metrics for COPC Plumes
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

COPC	Plume Designation	Date[1]	Plume Metric		
			Average Concentration[2]	Dissolved Mass[3]	Area (sq ft)
PCE	Upper Zone	2021 Q4	42.72	573.23	1,579,601
		2022 Q2	44.51	564.45	1,492,662
		2022 Q4	45.02	560.29	1,465,165
		2023 Q2	38.39	420.05	1,288,080
		2023 Q4	46.00	642.11	1,643,198
		2024 Q2	37.78	486.84	1,516,889
		2024 Q4	44.84	494.28	1,297,592
	Lower Zone	2021 Q4	55.80	1557.72	3,286,351
		2022 Q2	53.62	1652.67	3,628,363
		2022 Q4	47.33	1540.03	3,830,008
		2023 Q2	44.15	1323.28	3,528,393
		2023 Q4	45.77	1463.00	3,762,492
		2024 Q2	42.18	1235.39	3,447,849
		2024 Q4	43.62	1136.06	3,066,032
TCE	Upper Zone	2021 Q4	6.79	7.00	121,418
		2022 Q2	8.17	14.55	209,512
		2022 Q4	7.56	11.65	181,453
		2023 Q2	7.44	5.72	90,445
		2023 Q4	8.06	18.49	270,105
		2024 Q2	7.68	16.60	254,545
		2024 Q4	6.49	7.21	130,625
	Lower Zone	2021 Q4	14.42	108.92	889,141
		2022 Q2	12.14	92.73	899,246
		2022 Q4	11.04	68.52	730,419
		2023 Q2	12.24	88.00	846,054
		2023 Q4	11.18	77.32	813,786
		2024 Q2	12.90	99.23	905,408
		2024 Q4	10.07	56.64	661,911
Nitrate	Surficial Aquifer	2021 Q4	61.33	414.75	796,123
		2022 Q2	55.20	383.83	818,569
		2022 Q4	49.54	317.05	753,336
		2023 Q2	66.81	393.46	693,250
		2023 Q4	59.36	407.67	808,415
		2024 Q2	61.56	355.99	680,688
		2024 Q4	53.82	370.32	809,921
Fluoride	Surficial Aquifer	2021 Q4	7.57	19.32	300,300
		2022 Q2	7.10	18.51	306,869
		2022 Q4	5.66	10.37	215,846
		2023 Q2	6.00	9.55	187,472
		2023 Q4	6.87	16.81	288,144
		2024 Q2	6.49	15.78	286,209
		2024 Q4	6.11	16.95	326,521
Uranium	Surficial Aquifer	2021 Q4	80.76	2.44	3,560
		2022 Q2	91.72	3.05	3,913
		2022 Q4	99.97	3.36	3,961
		2023 Q2	133.79	4.34	3,818
		2023 Q4	131.04	4.53	4,070
		2024 Q2	92.04	2.69	3,445
		2024 Q4	68.67	1.74	2,982
Tc-99	Surficial Aquifer	2021 Q4	1773.56	969.23	64,330
		2022 Q2	1630.16	795.28	57,428
		2022 Q4	1516.70	712.01	55,261
		2023 Q2	1570.46	736.72	55,221
		2023 Q4	1474.41	604.83	48,289
		2024 Q2	1547.78	553.39	42,087
		2024 Q4	1528.81	705.70	54,337

Notes:

1 Sample months for each event are October, 2021 (2021 Q4), April, 2022 (2022 Q2), October, 2022 (2022 Q4), April, 2023 (2023 Q2), October, 2023 (2023 Q4), April, 2024 (2024 Q2), and October, 2024 (2024 Q4).

2 Average concentration units are ug/L for PCE, TCE, and uranium; mg/L for fluoride and nitrate; and piC/L for Tc-99.

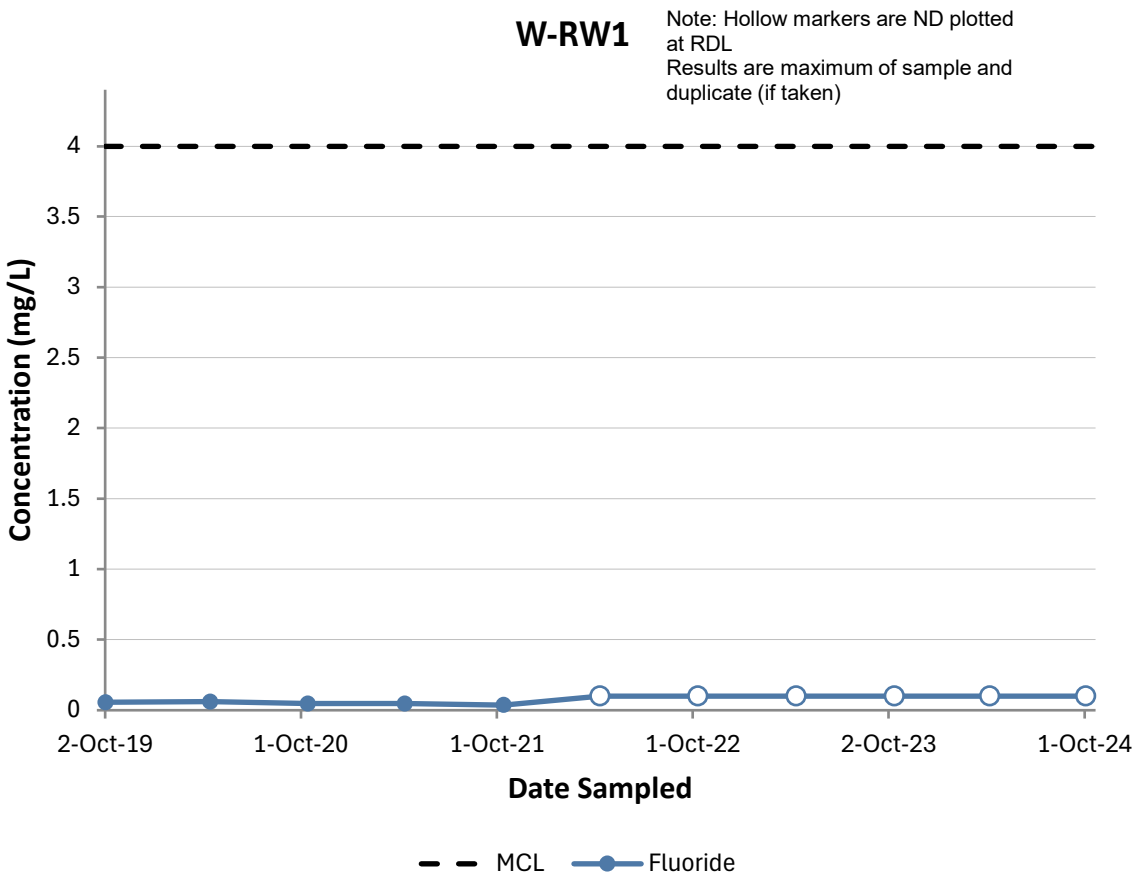
3 Dissolved mass units are g/ft for PCE, TCE, and uranium; kg/ft for fluoride and nitrate; and pCi/ft for Tc-99.

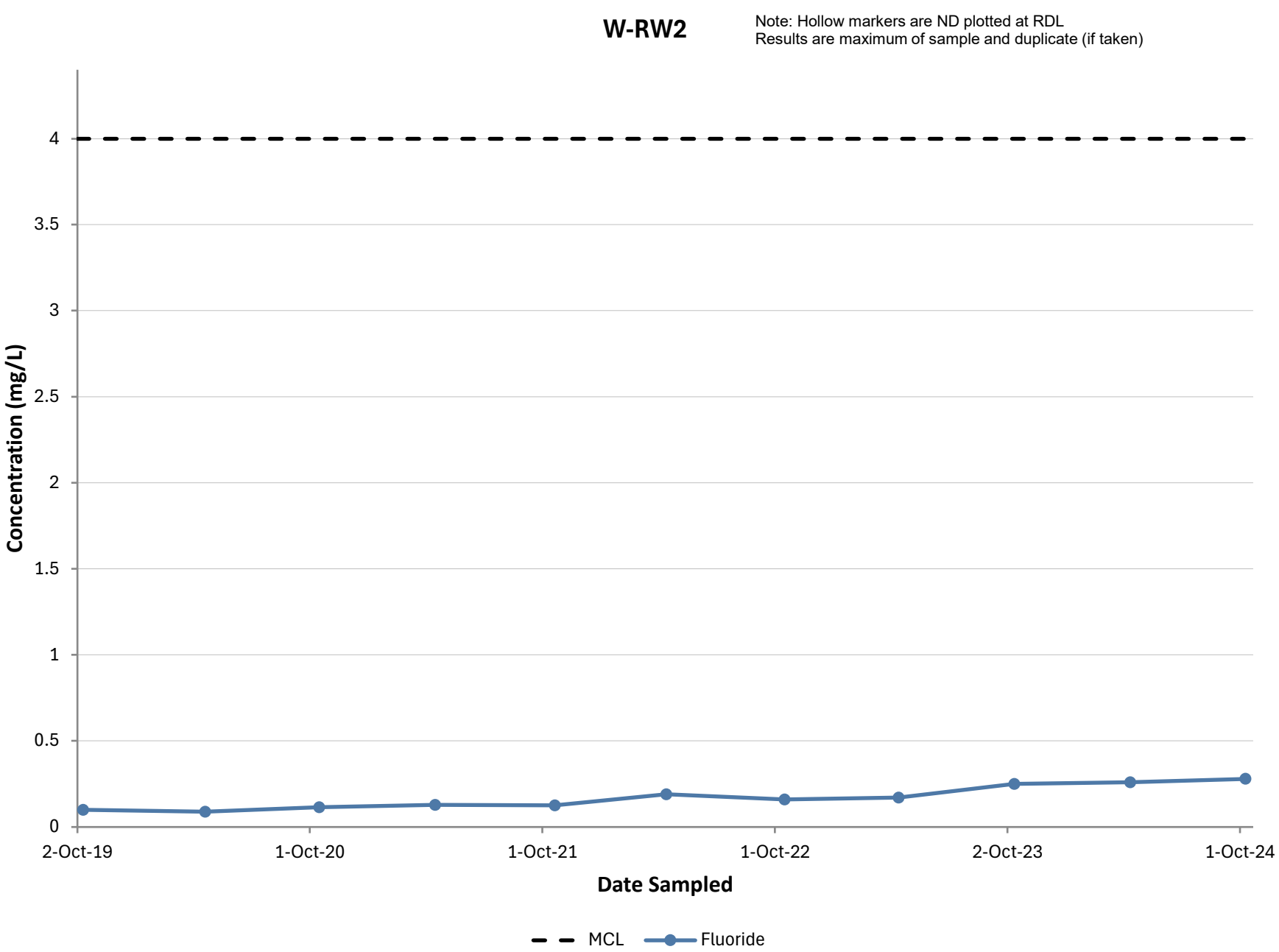
sq ft = square feet

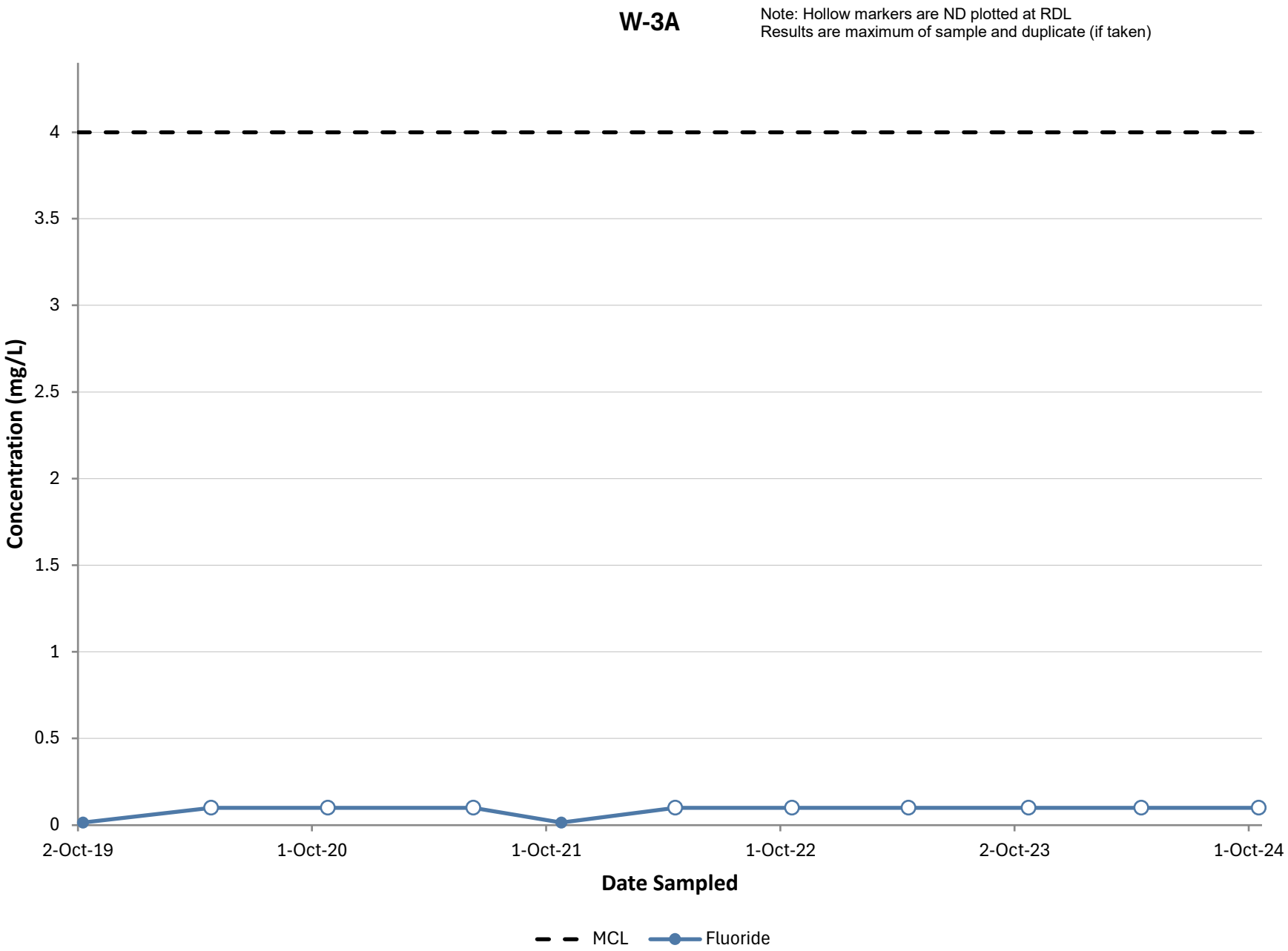
Table D2 - Summary of Mann-Kendall Trends for Plume Metrics April 2021 through October 2024
Westinghouse Columbia Fuel Fabrication Facility, Hopkins, SC

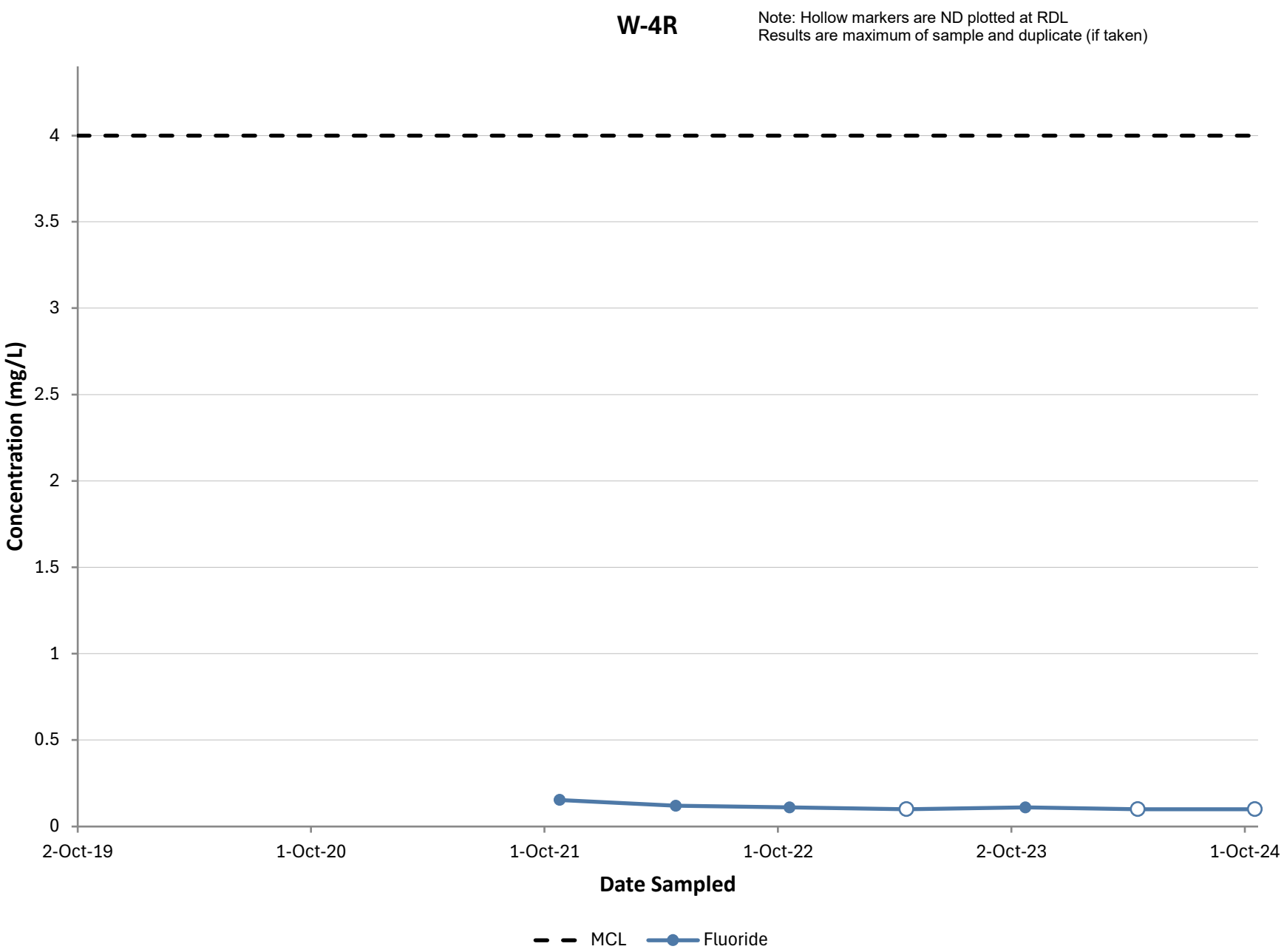
COPC	Plume Designation	Mann-Kendall Trends of Plume Metrics		
		Average Concentration	Dissolved Mass	Area
PCE	Upper Zone	No Trend (S=1, Conf=50%, COV=0.08)	Stable (S=-7, Conf=81%, COV=0.14)	Stable (S=-5, Conf=72%, COV=0.09)
	Lower Zone	Decreasing (S=-17, Conf=99%, COV=0.13)	Decreasing (S=-17, Conf=100%, COV=0.13)	Stable (S=-5, Conf=72%, COV=0.08)
TCE	Upper Zone	Stable (S=-3, Conf=61%, COV=0.08)	No Trend (S=3, Conf=61%, COV=.44)	No Trend (S=3, Conf=61%, COV=0.44)
	Lower Zone	Stable (S=.12, Conf=81%, COV=0.12)	Stable (S=-9, Conf=88%, COV=0.22)	Stable (S=-5, Conf=72%, COV=0.11)
Nitrate	Surficial Aquifer	Stable (S=-1, Conf=50%, COV=0.1)	Stable (S=-5, Conf=72%, COV=0.09)	Stable (S=-3, Conf=61%, COV=0.08)
Fluoride	Surficial Aquifer	Stable (S=-7, Conf=81%, COV=0.1)	Stable (S=-5, Conf=72%, COV=0.25)	No Trend (S=1, Conf=50%, COV=0.19)
Uranium	Surficial Aquifer	No Trend (S=1, Conf=50%, COV=0.25)	No Trend (S=1, Conf=50%, COV=0.32)	Stable (S=-5, Conf=71.9%, COV=0.1)
Tc-99	Surficial Aquifer	Probably Decreasing (S=-11, Conf=93.2%, COV=0.06)	Decreasing (S=-15, Conf=98.5%, COV=0.19)	Decreasing (S=-17, Conf=99.5%, COV=0.13)

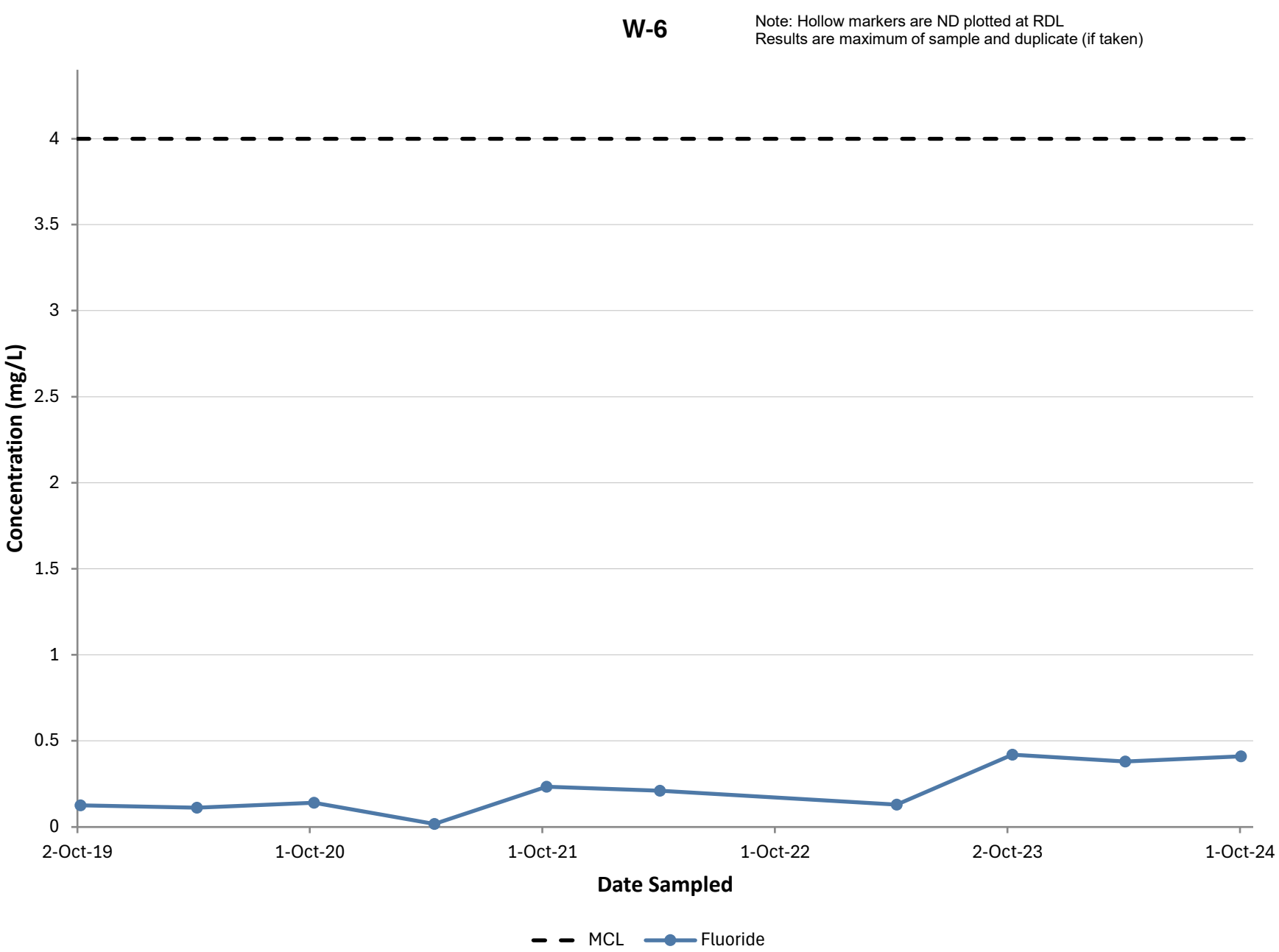
Appendix E
Time Series Plots

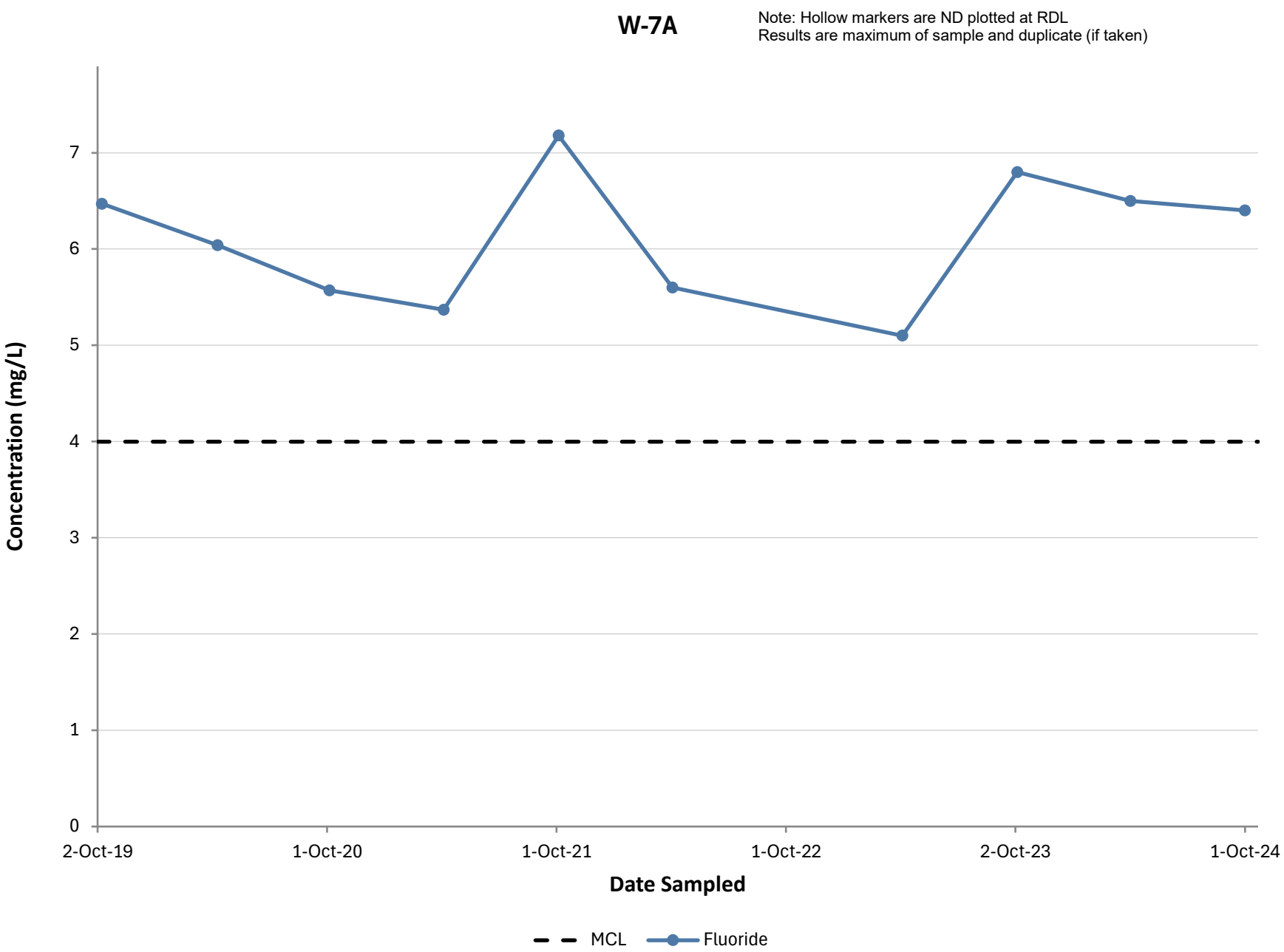

W-RW1
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

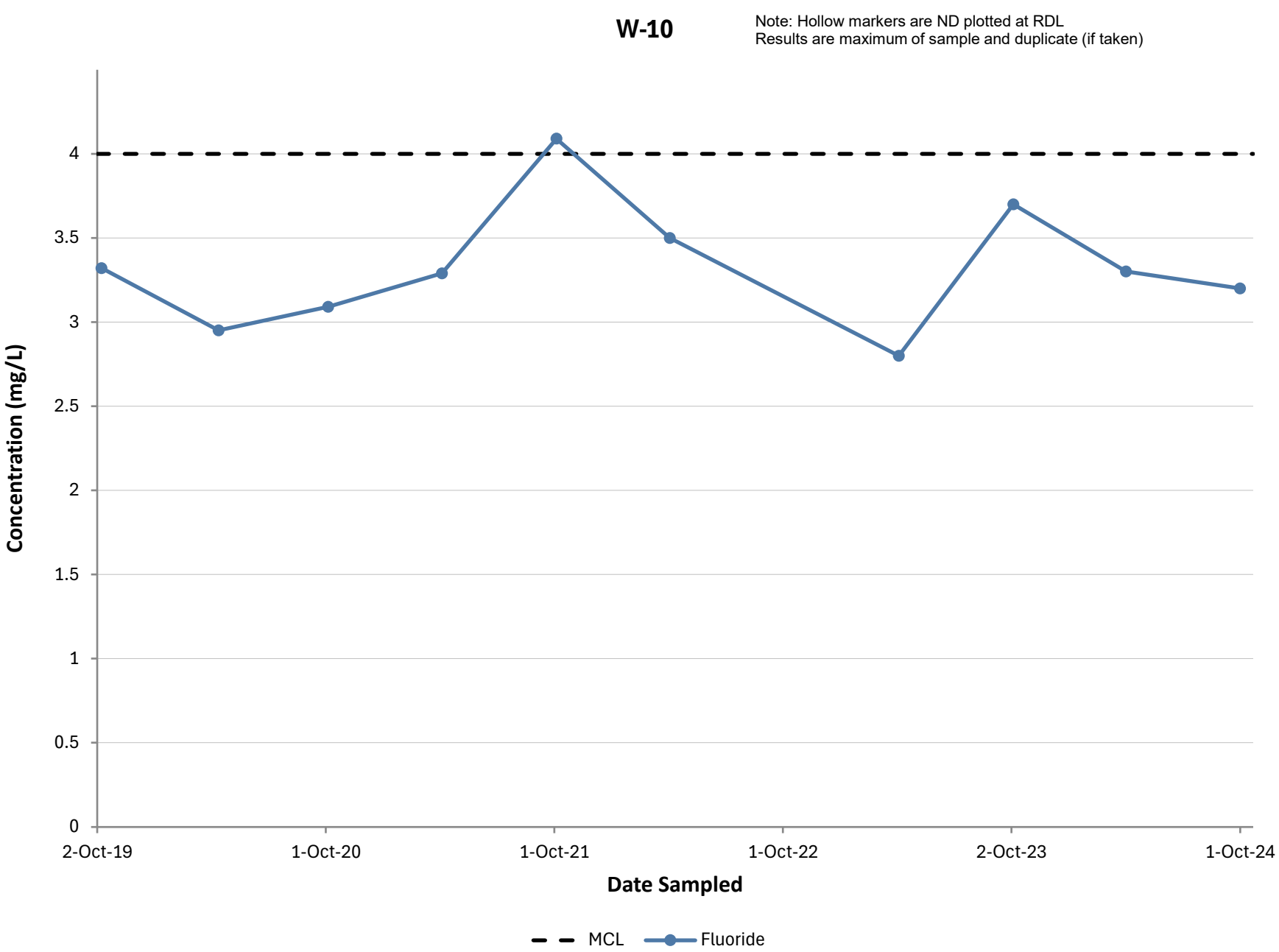

W-RW2
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride


W-3A
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride


W-4R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

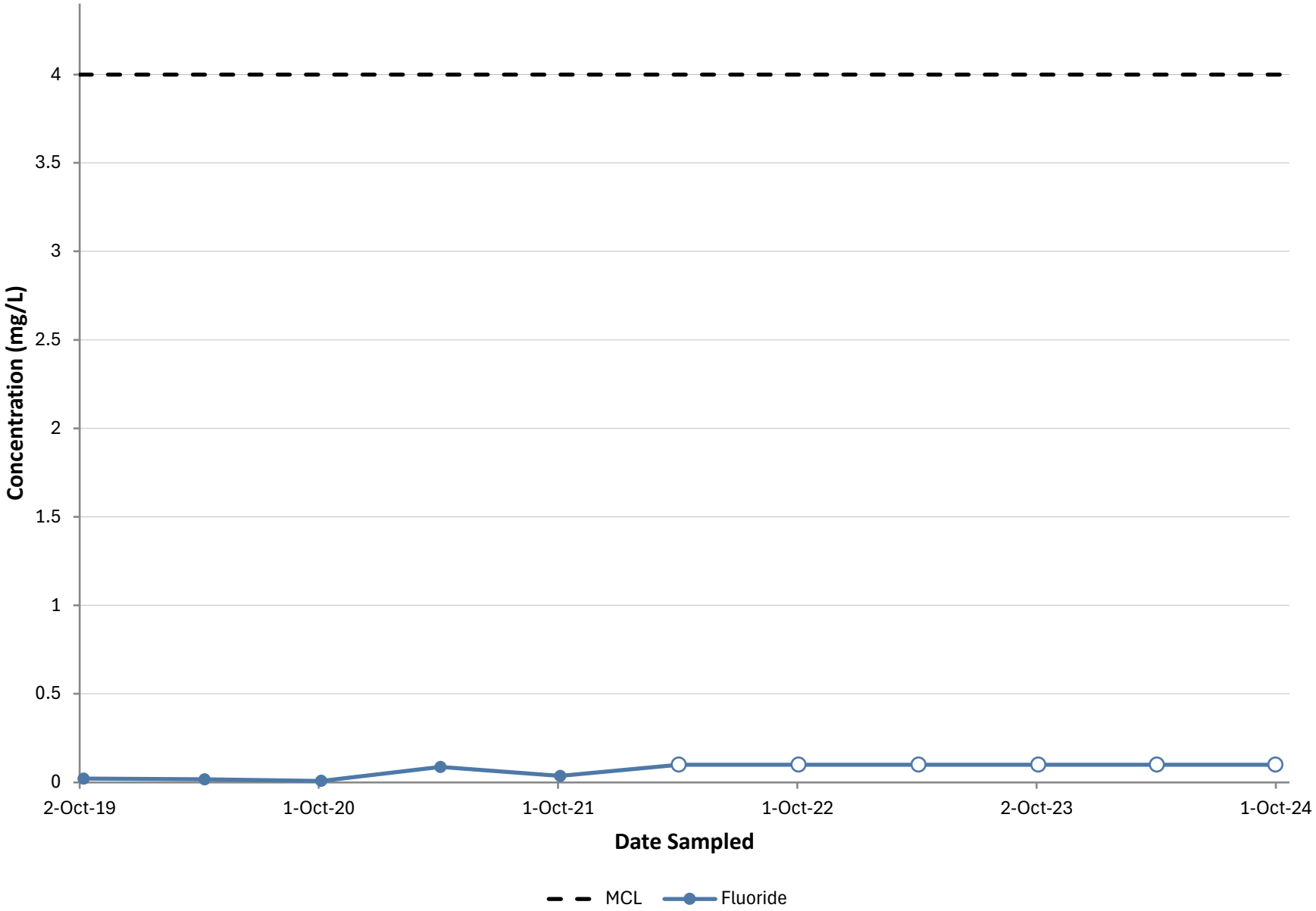

W-6
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

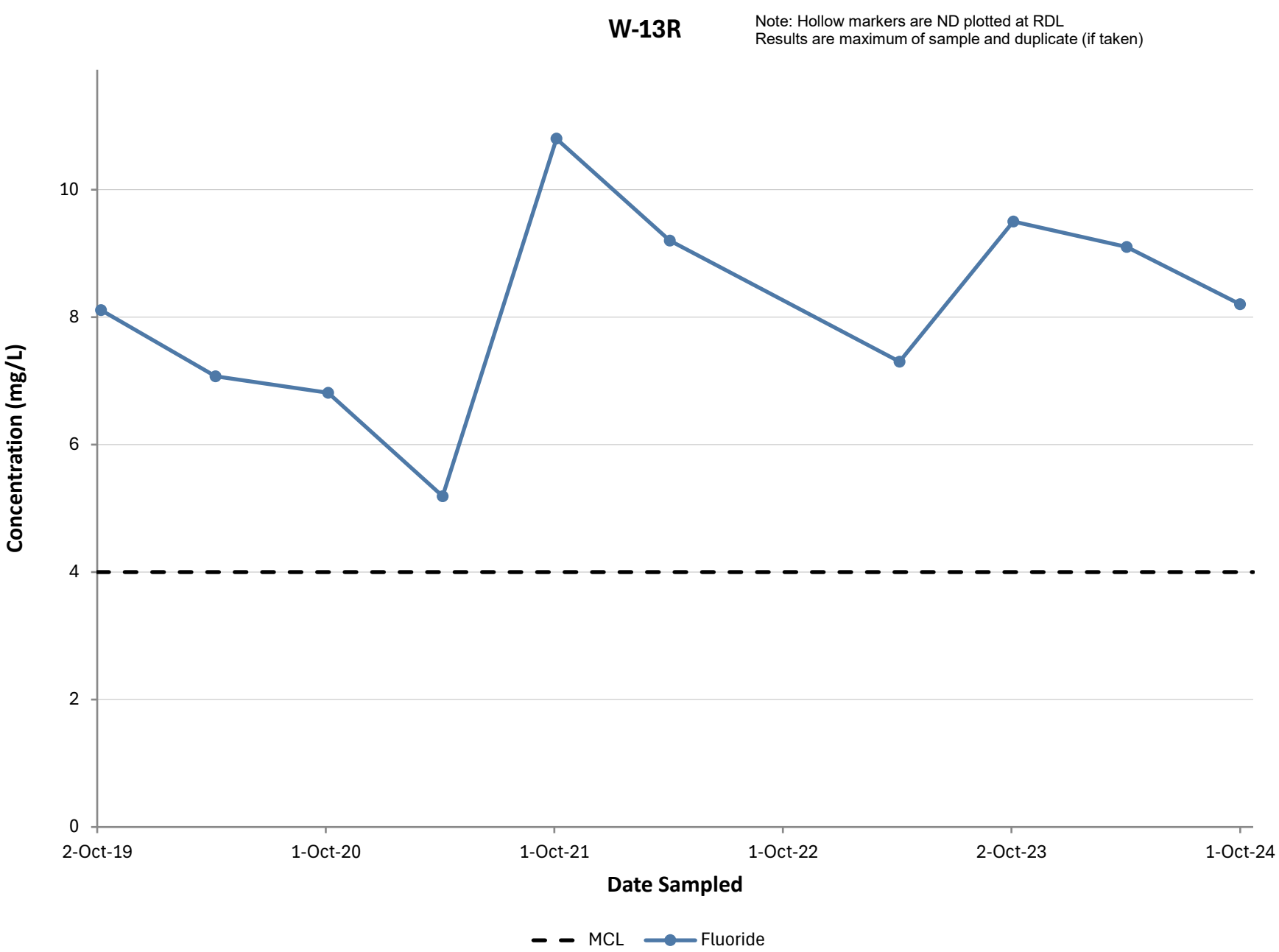

W-7A
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
0
1
2
3
4
5
6
7
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride


W-10
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

W-11

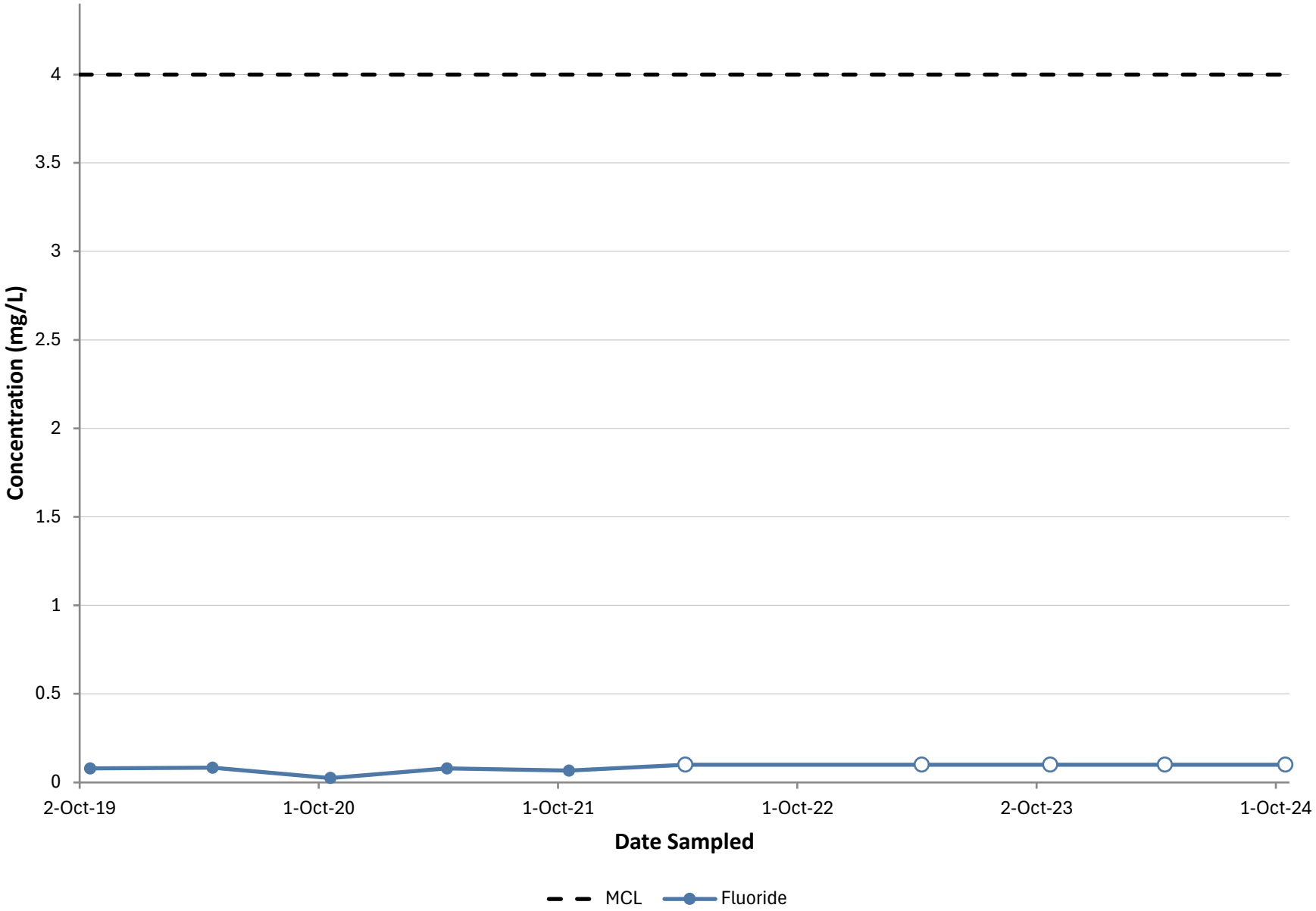
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-13R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
10
8
6
4
2
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

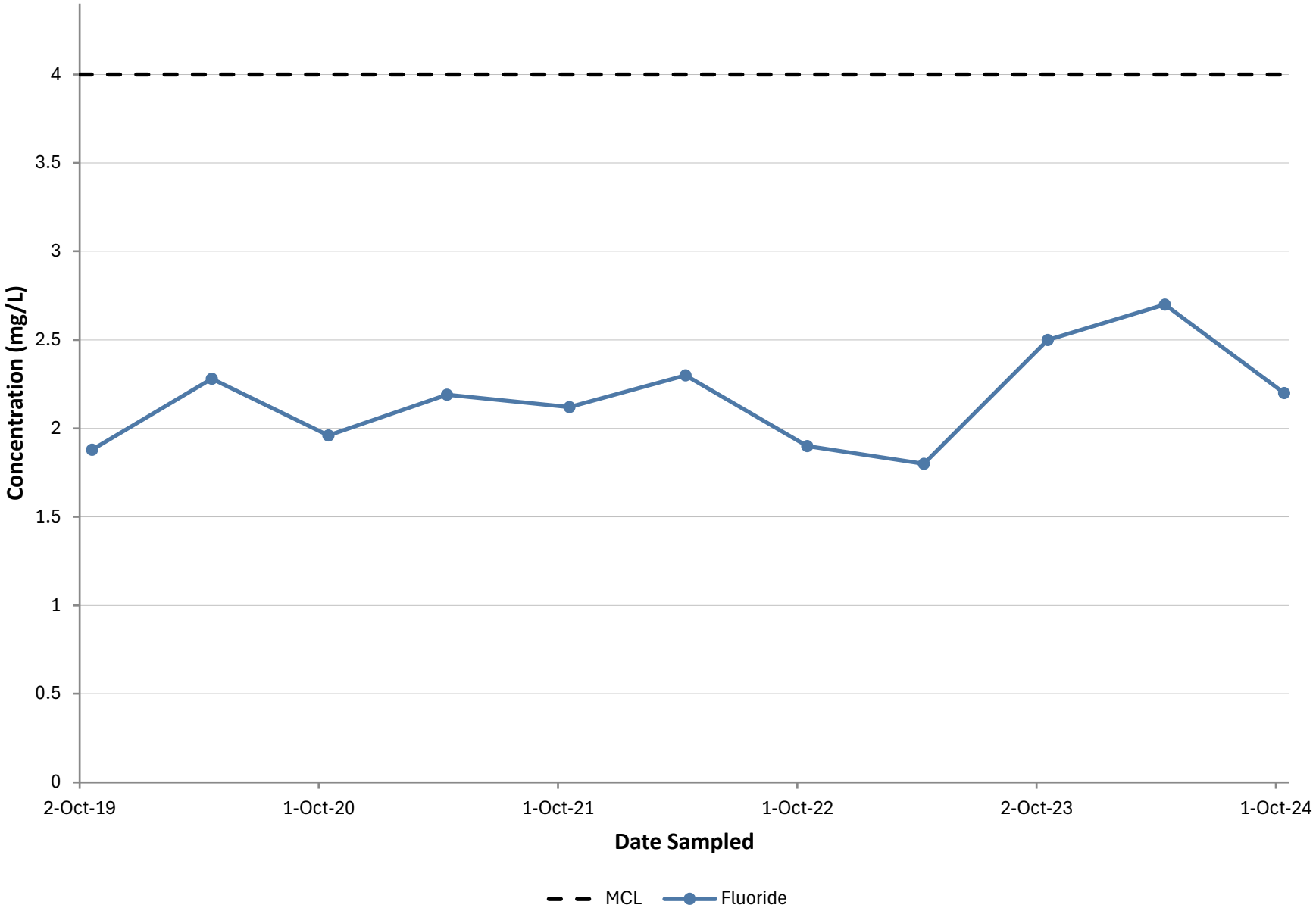
W-14

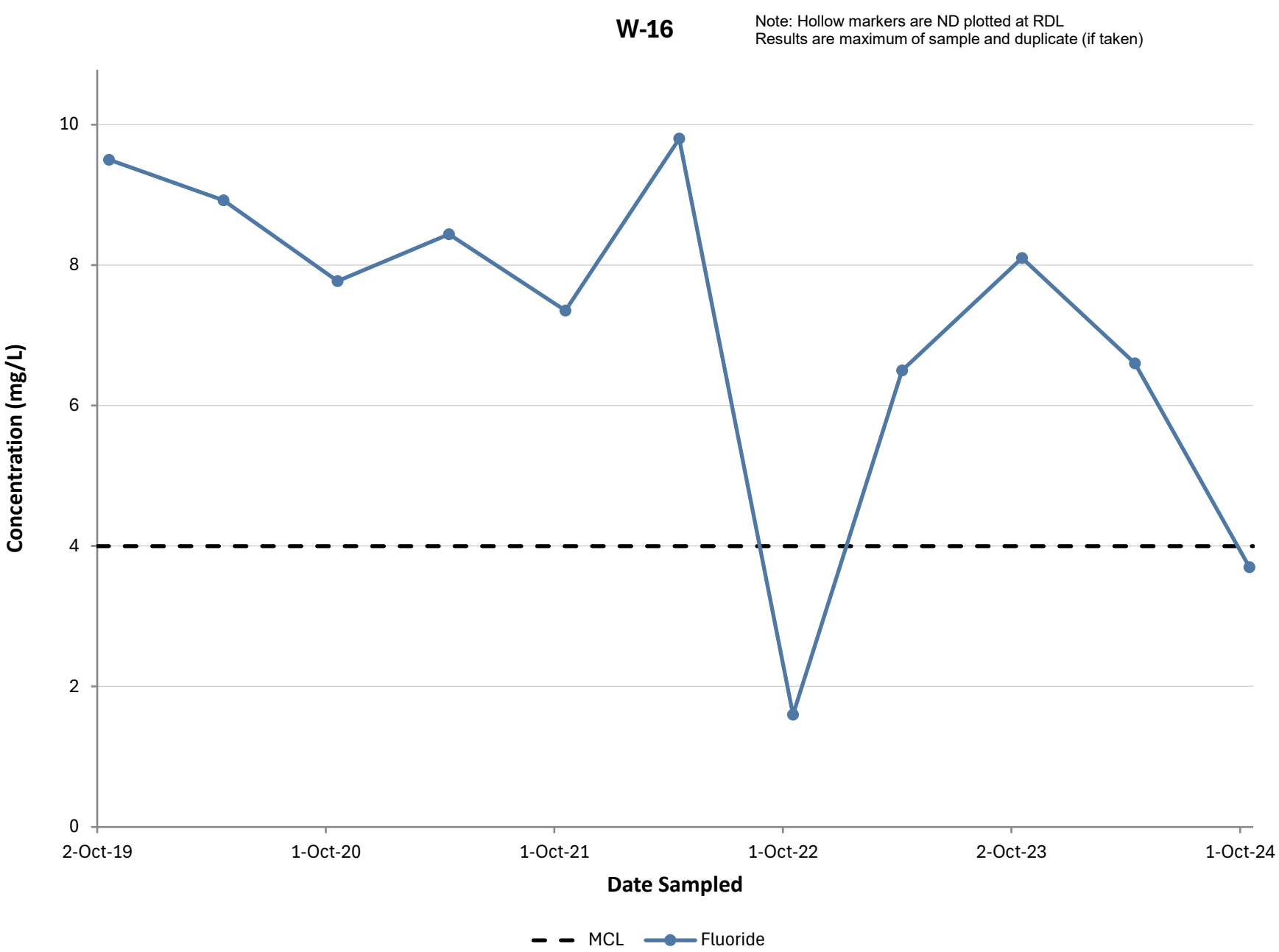
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-15

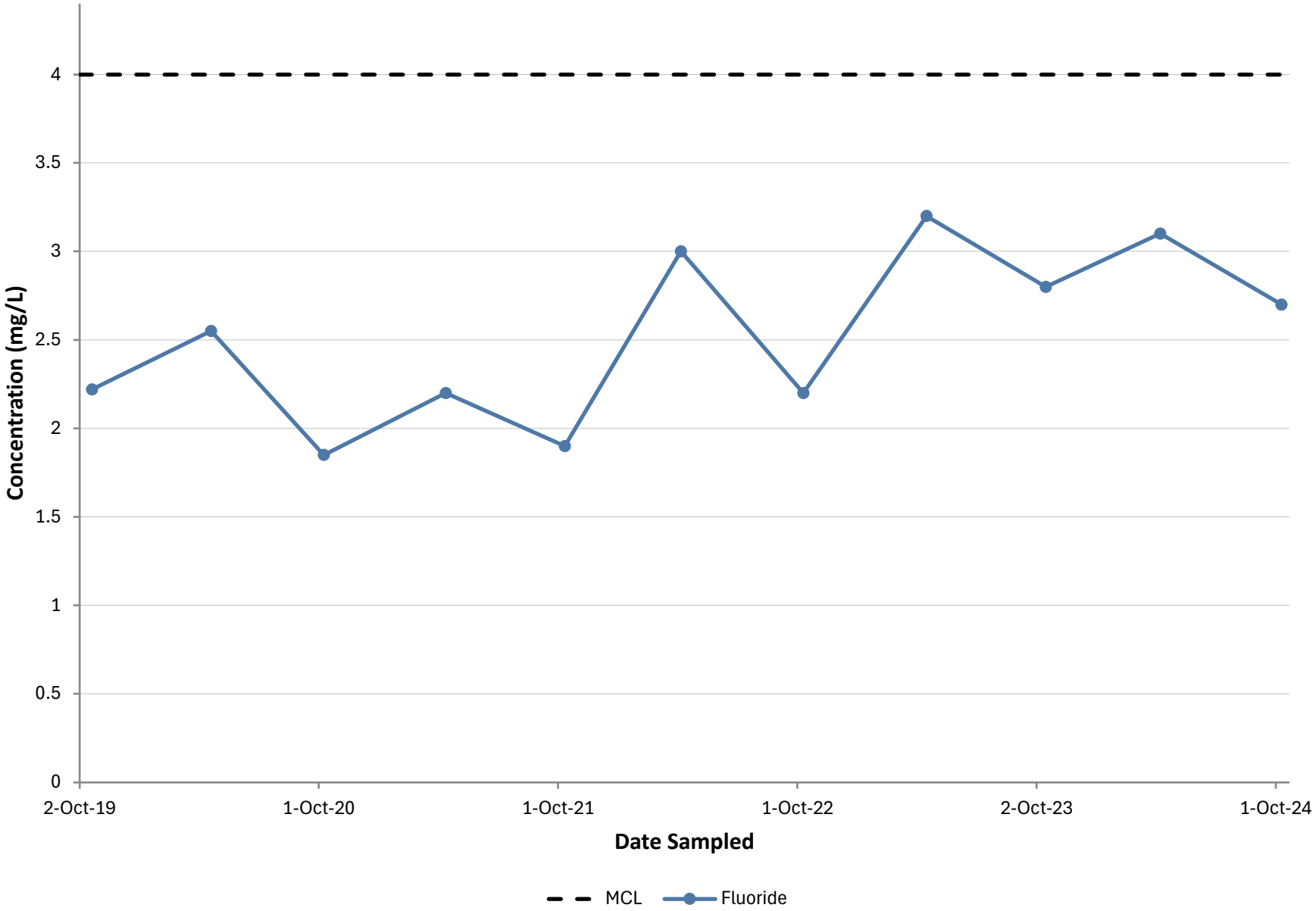
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

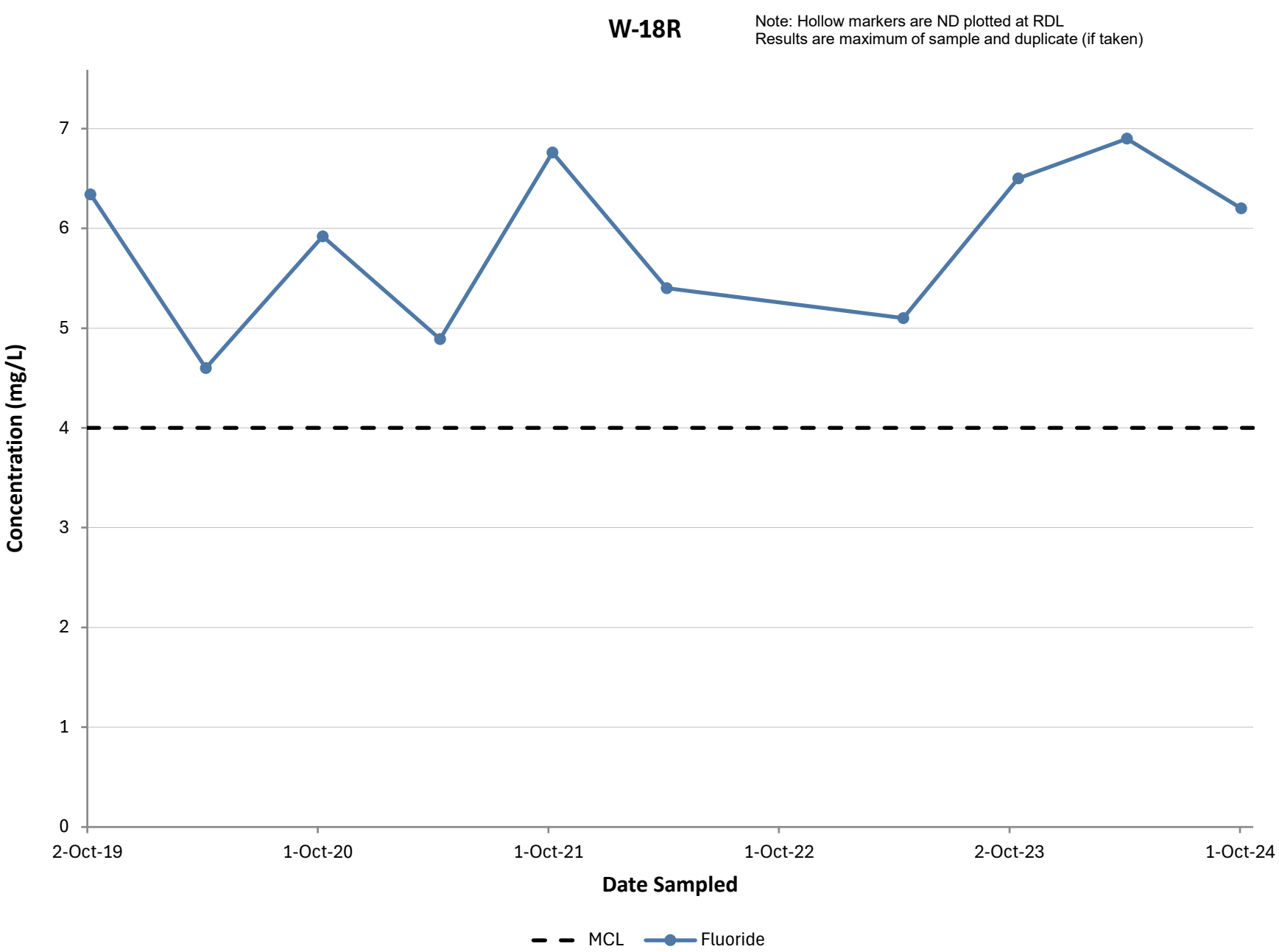



W-16
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
10
8
6
4
2
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

W-17

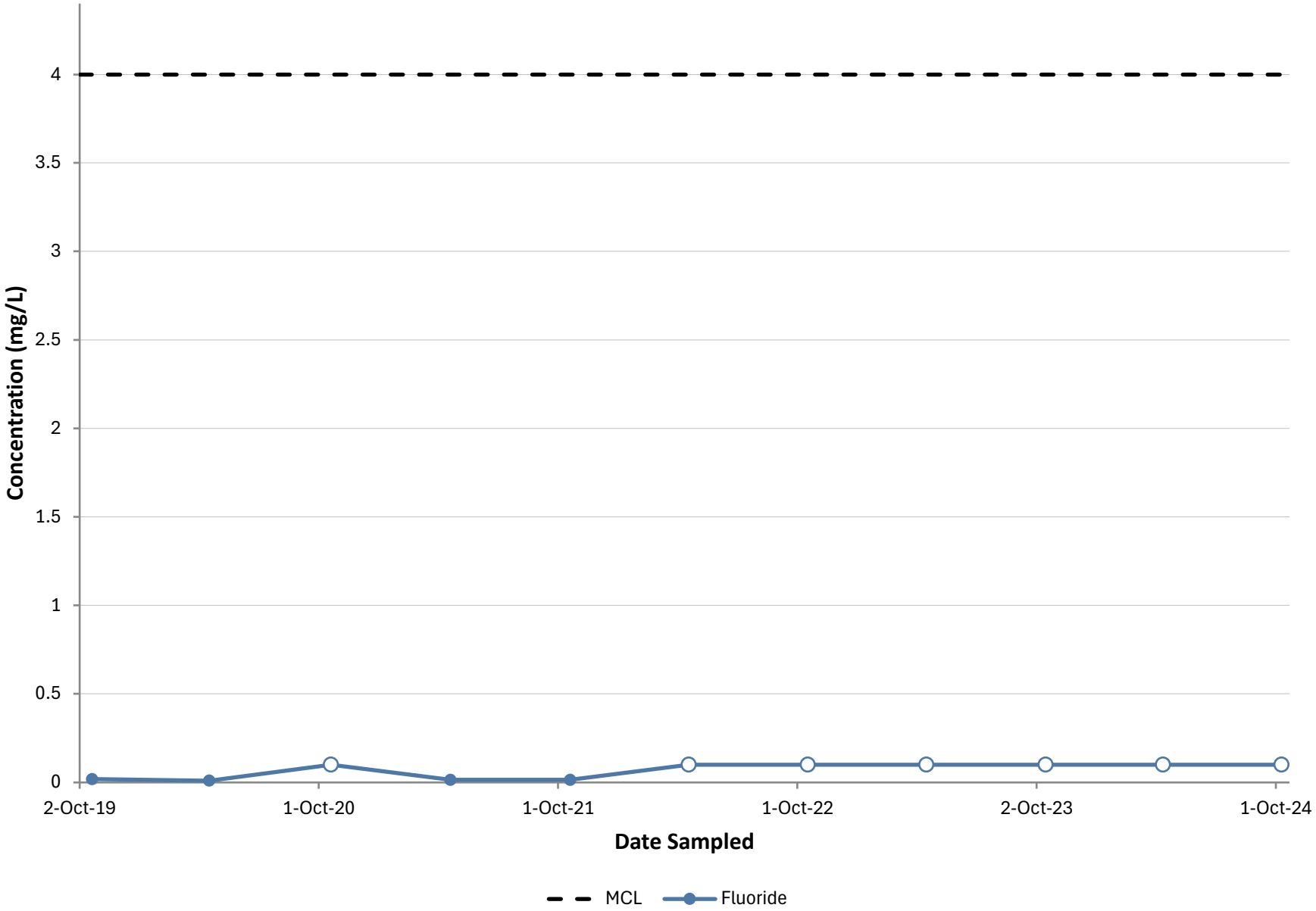
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-18R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
0
1
2
3
4
5
6
7
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

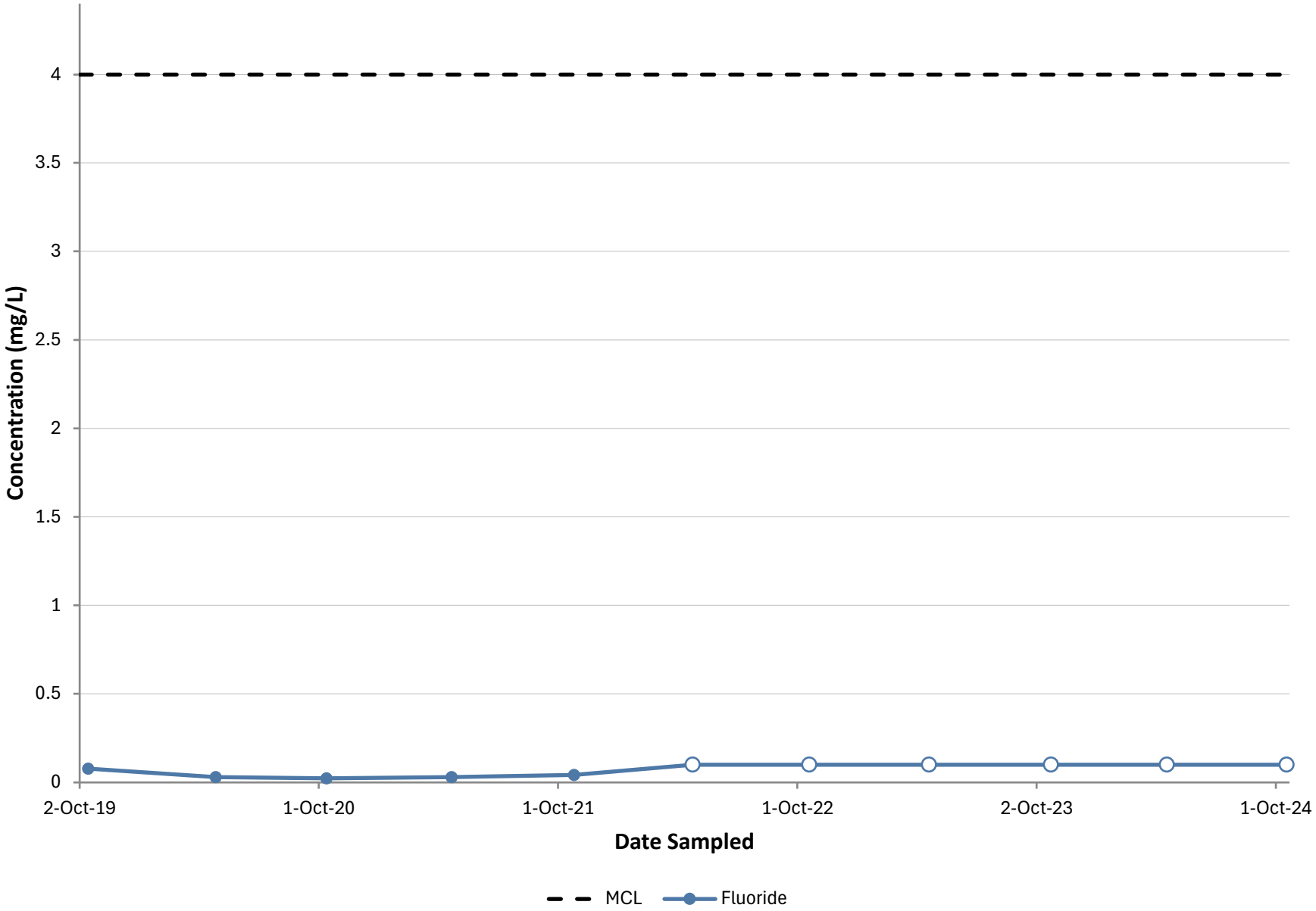
W-19B

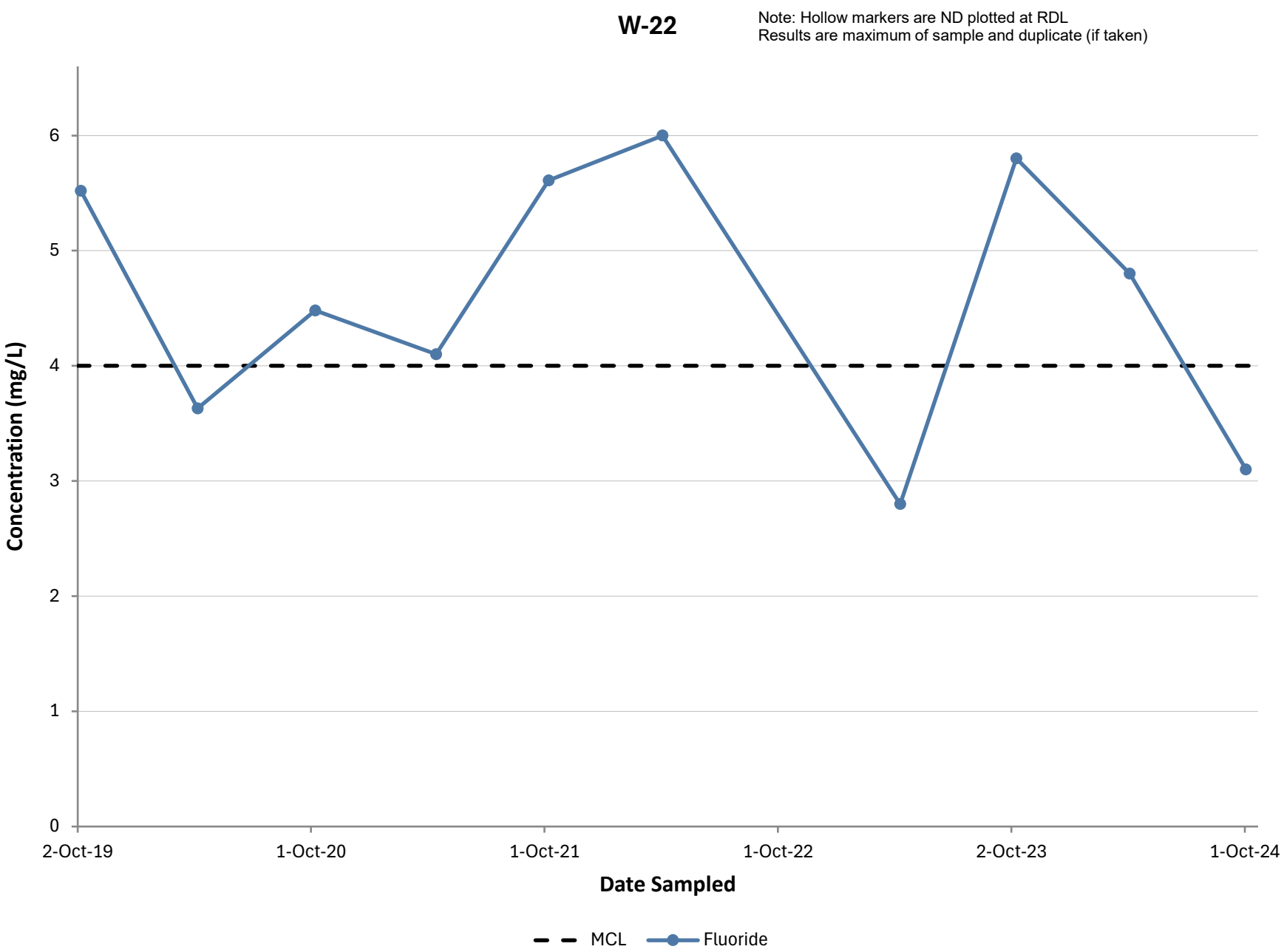
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-20

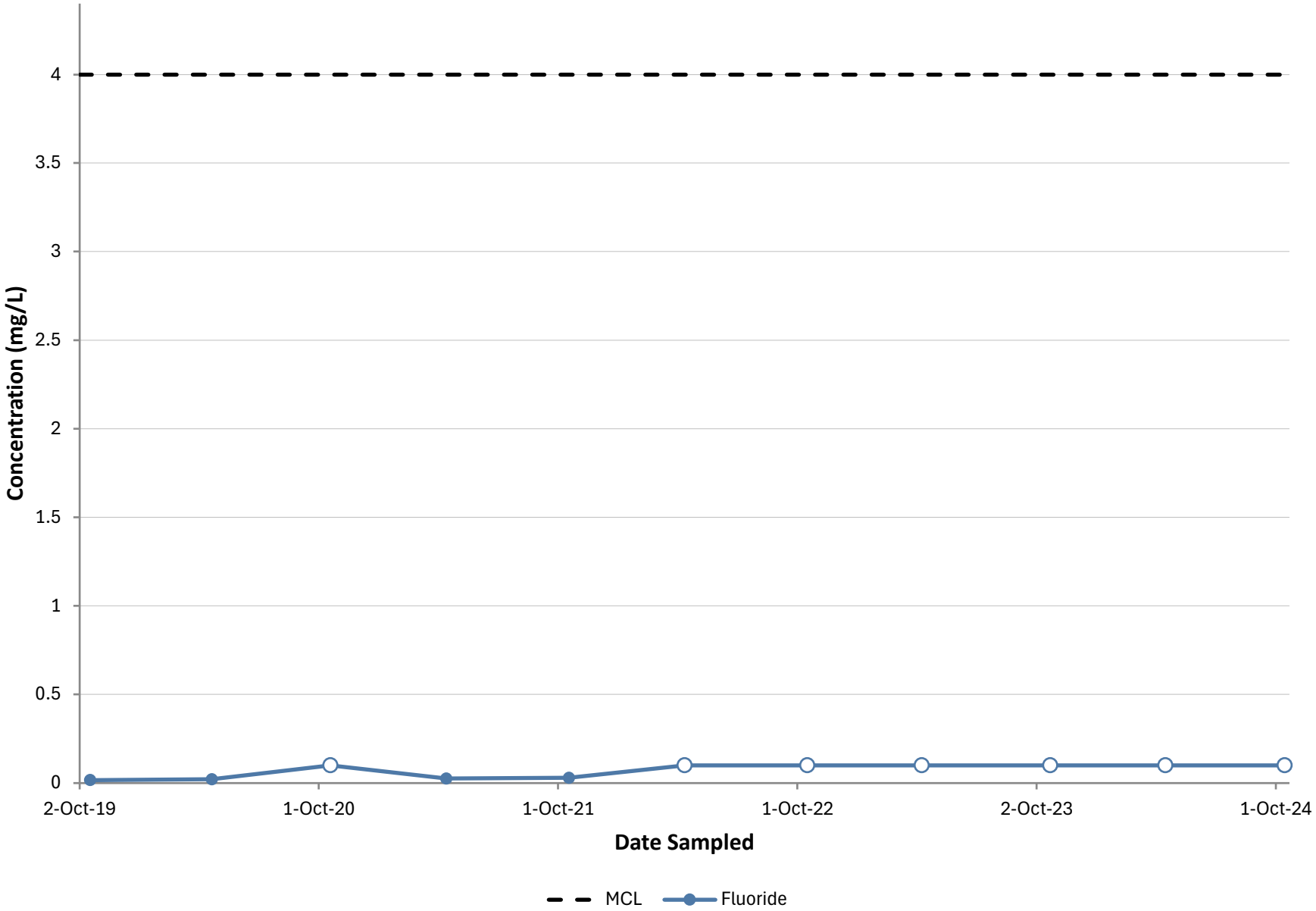
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-22
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
0
1
2
3
4
5
6
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

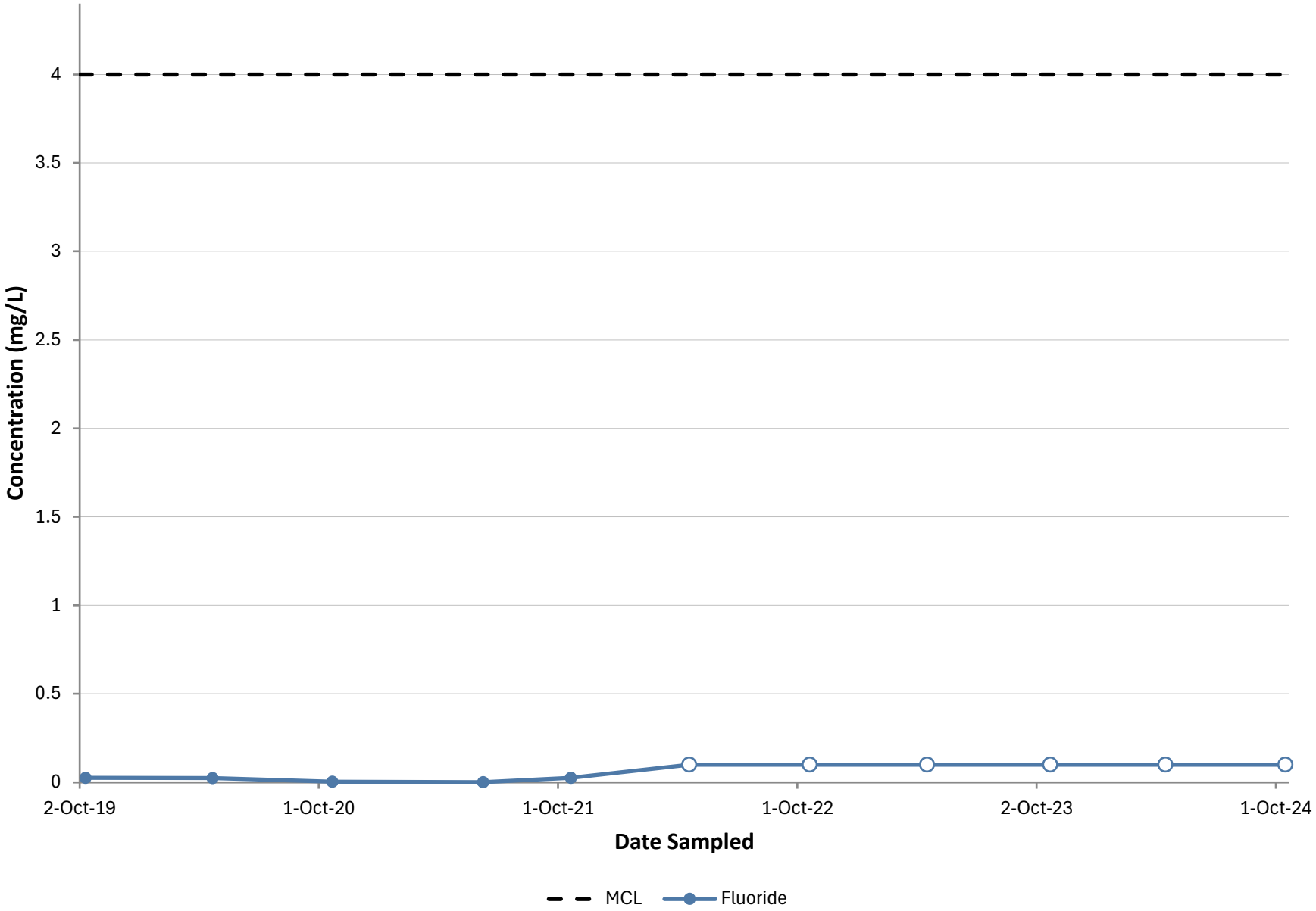
W-23R

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



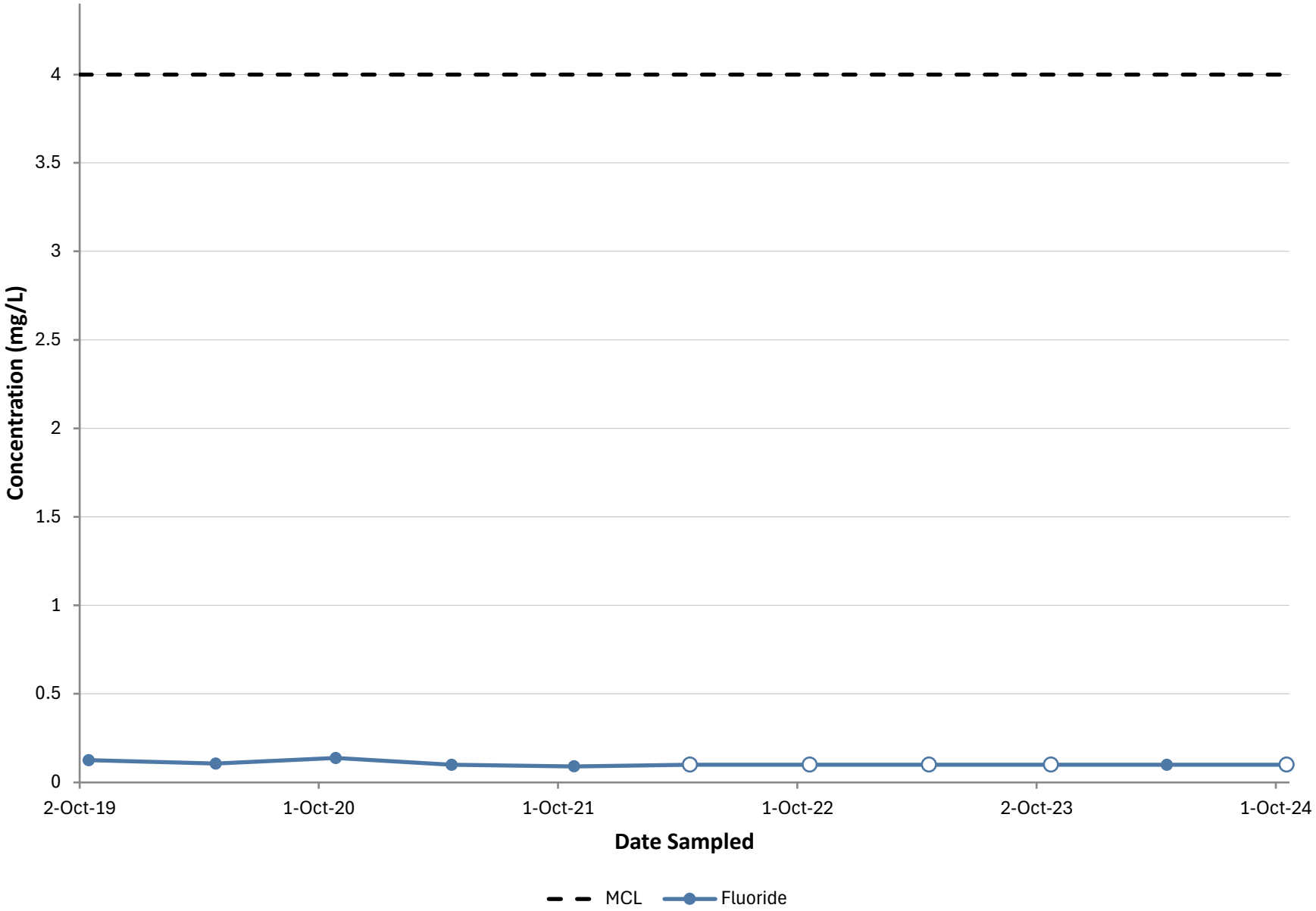
W-24

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



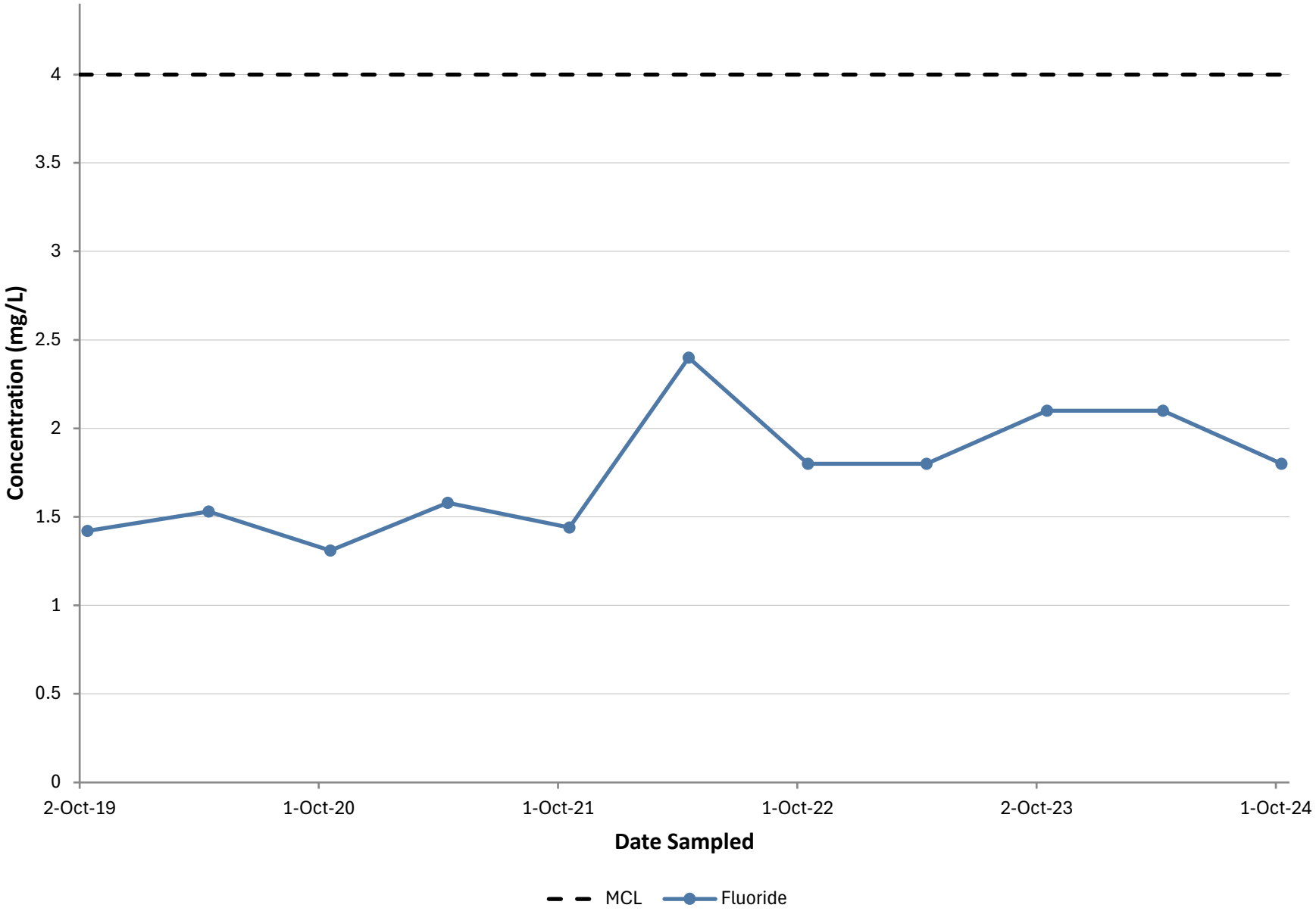
W-25

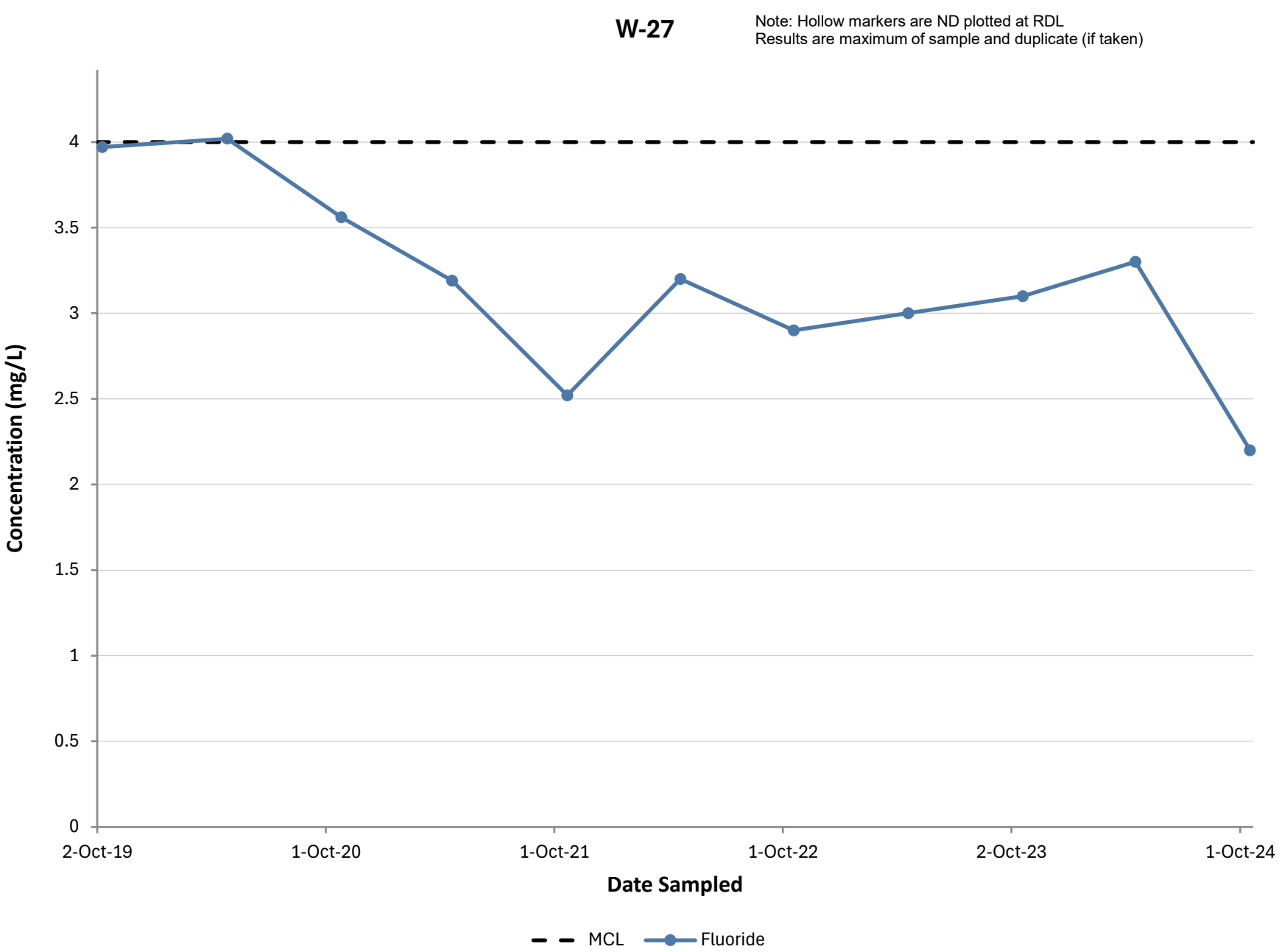
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

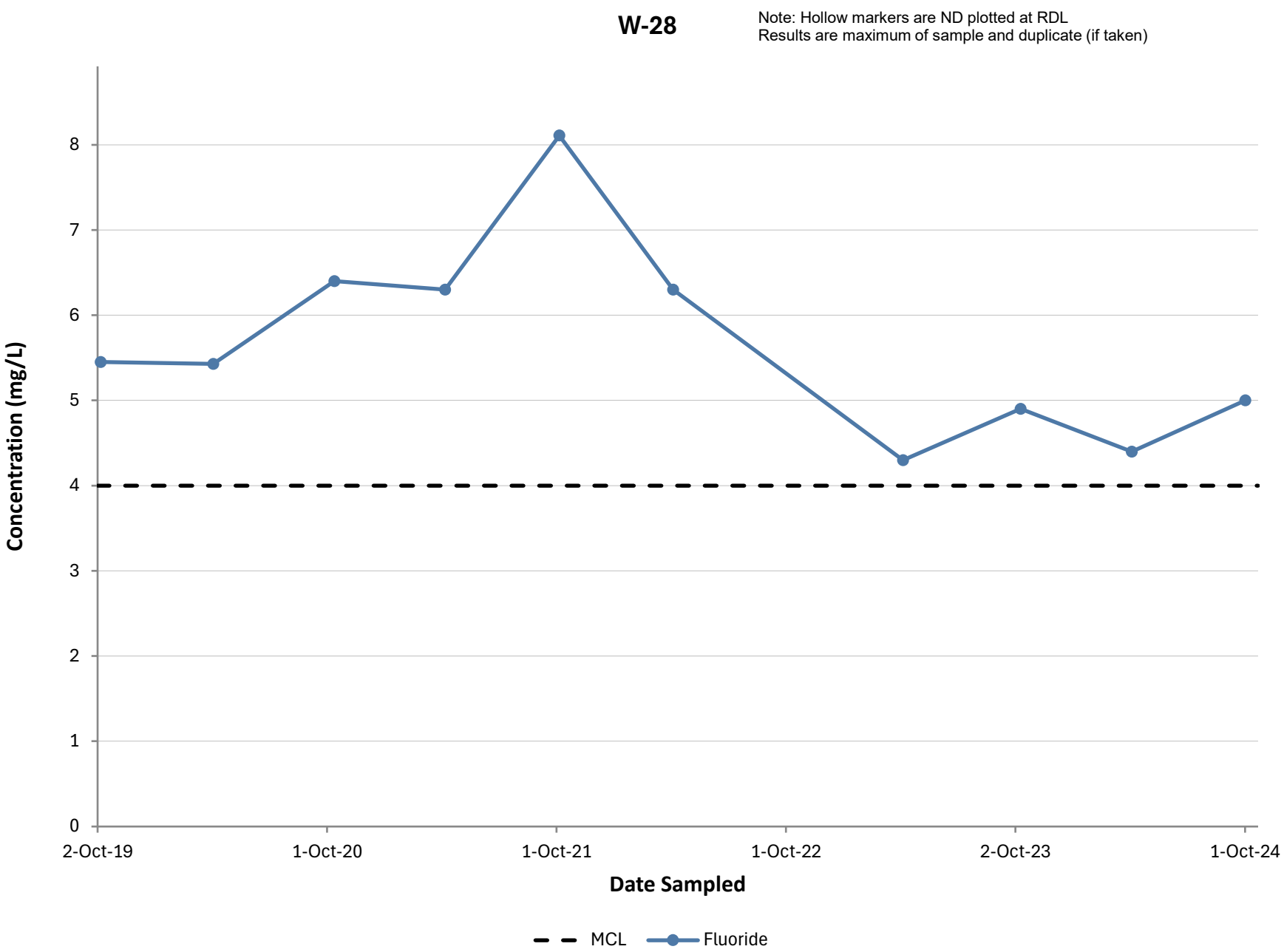


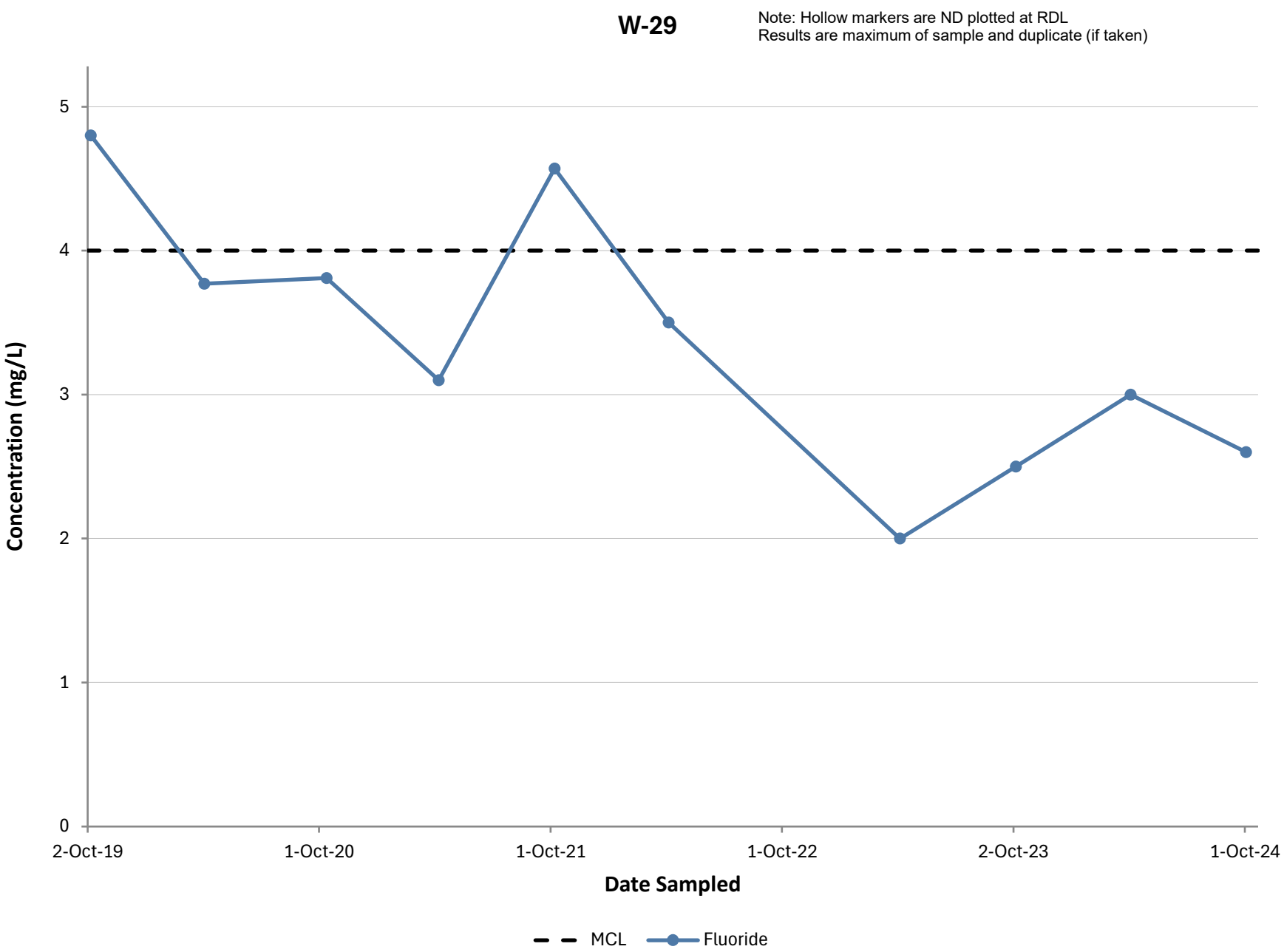
W-26

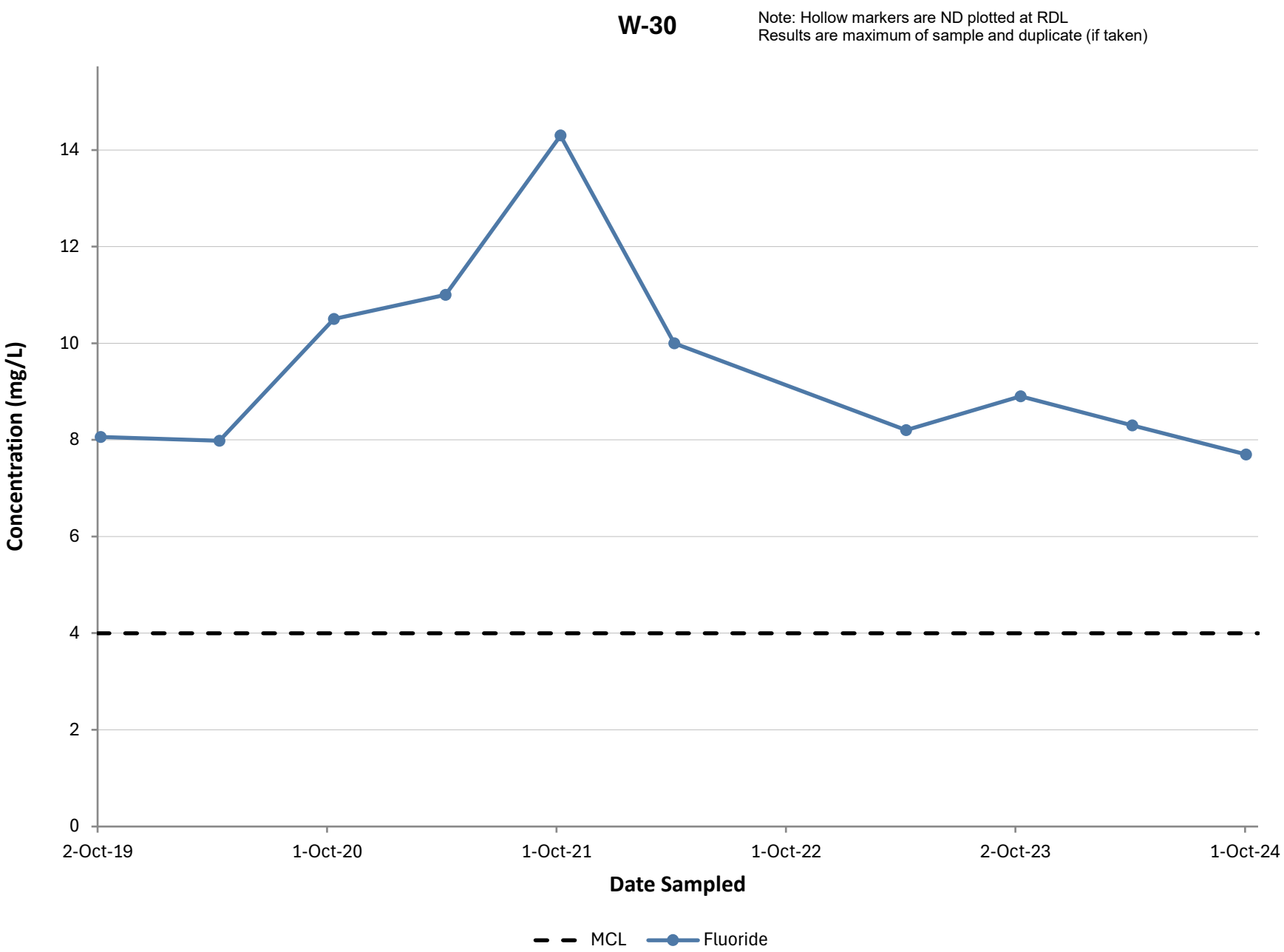
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

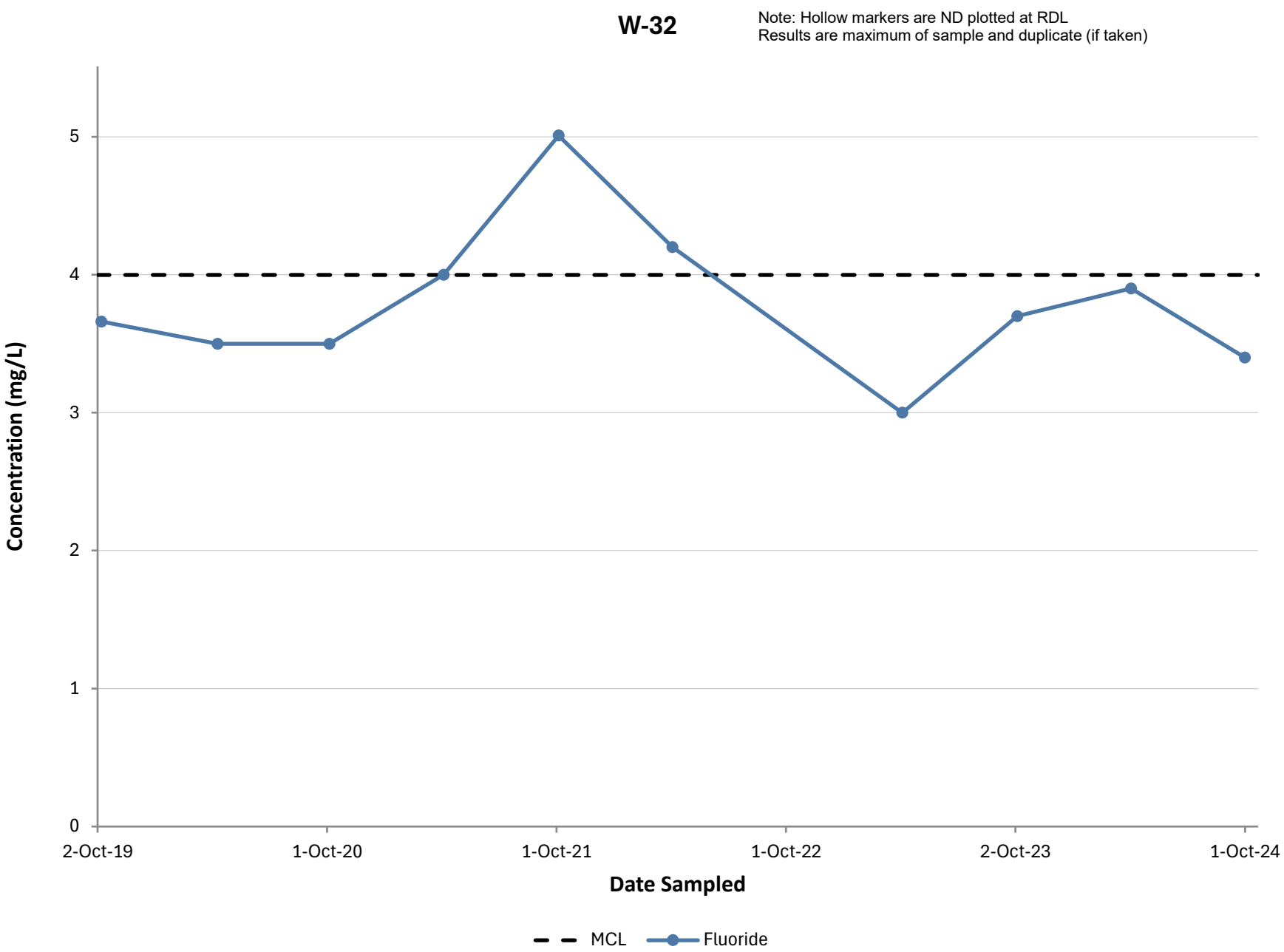



W-27
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride


W-28
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
0
1
2
3
4
5
6
7
8
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

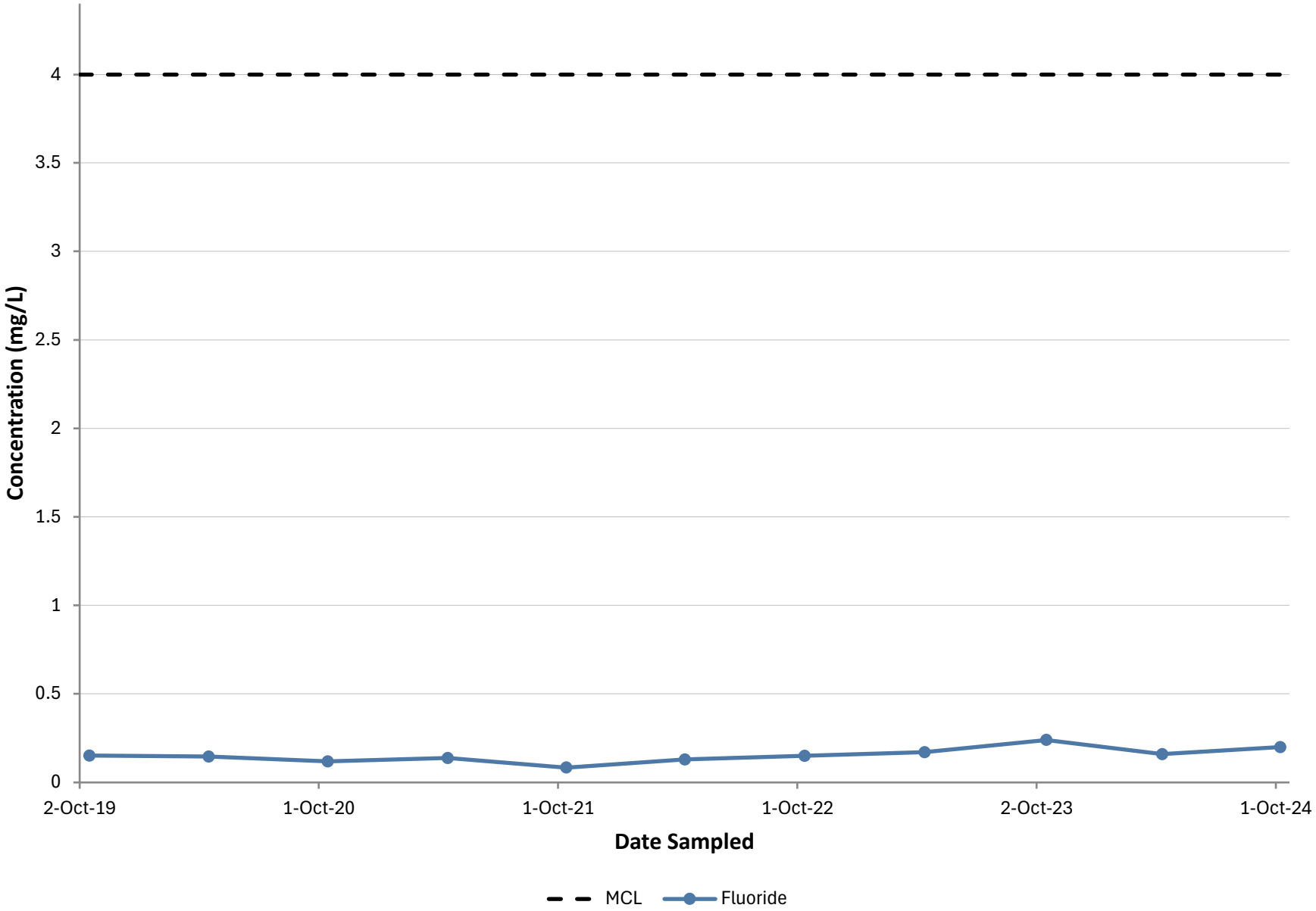

W-29
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
0
1
2
3
4
5
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride


W-30
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
0
2
4
6
8
10
12
14
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride


W-32
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
0
1
2
3
4
5
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

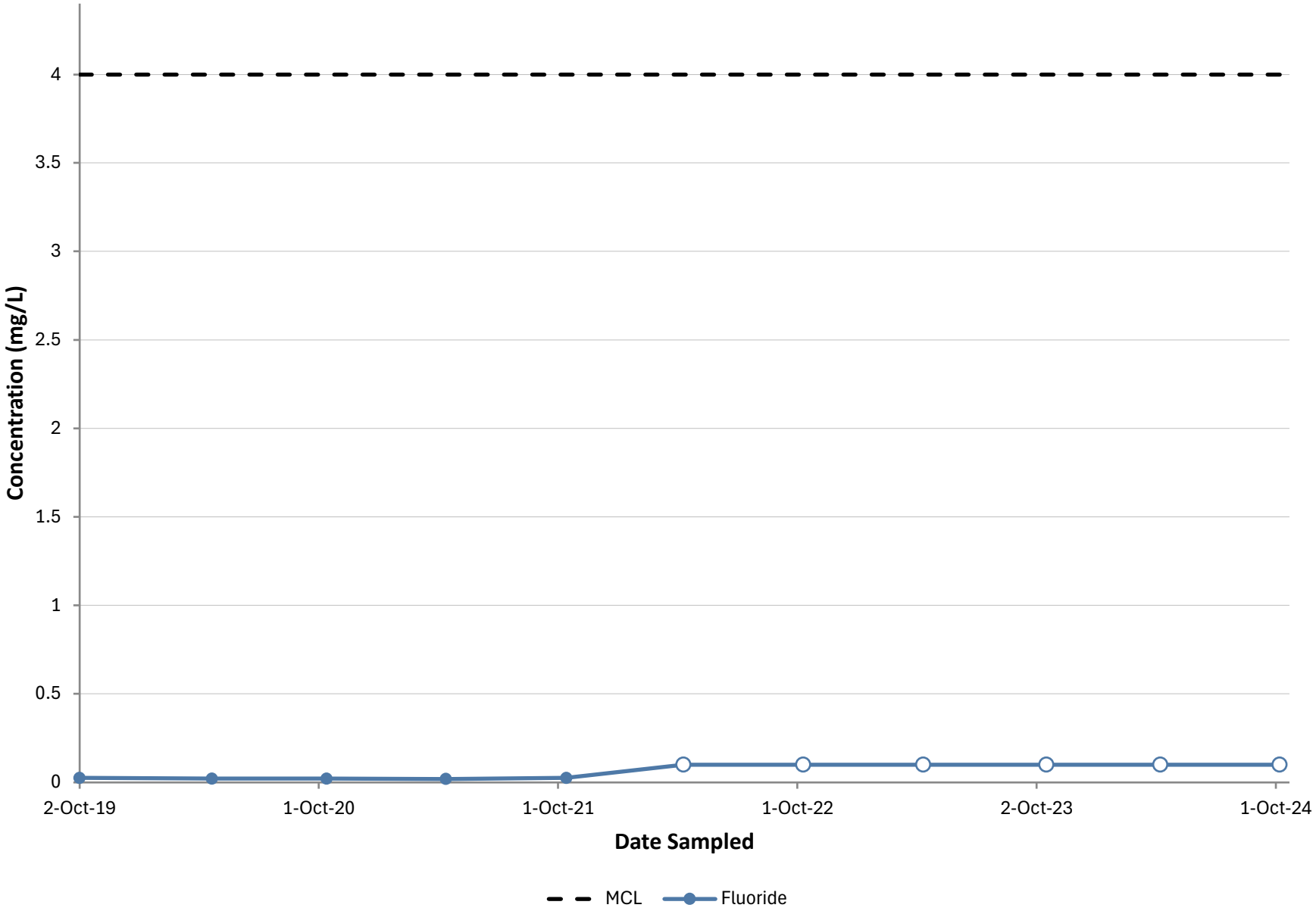
W-33

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



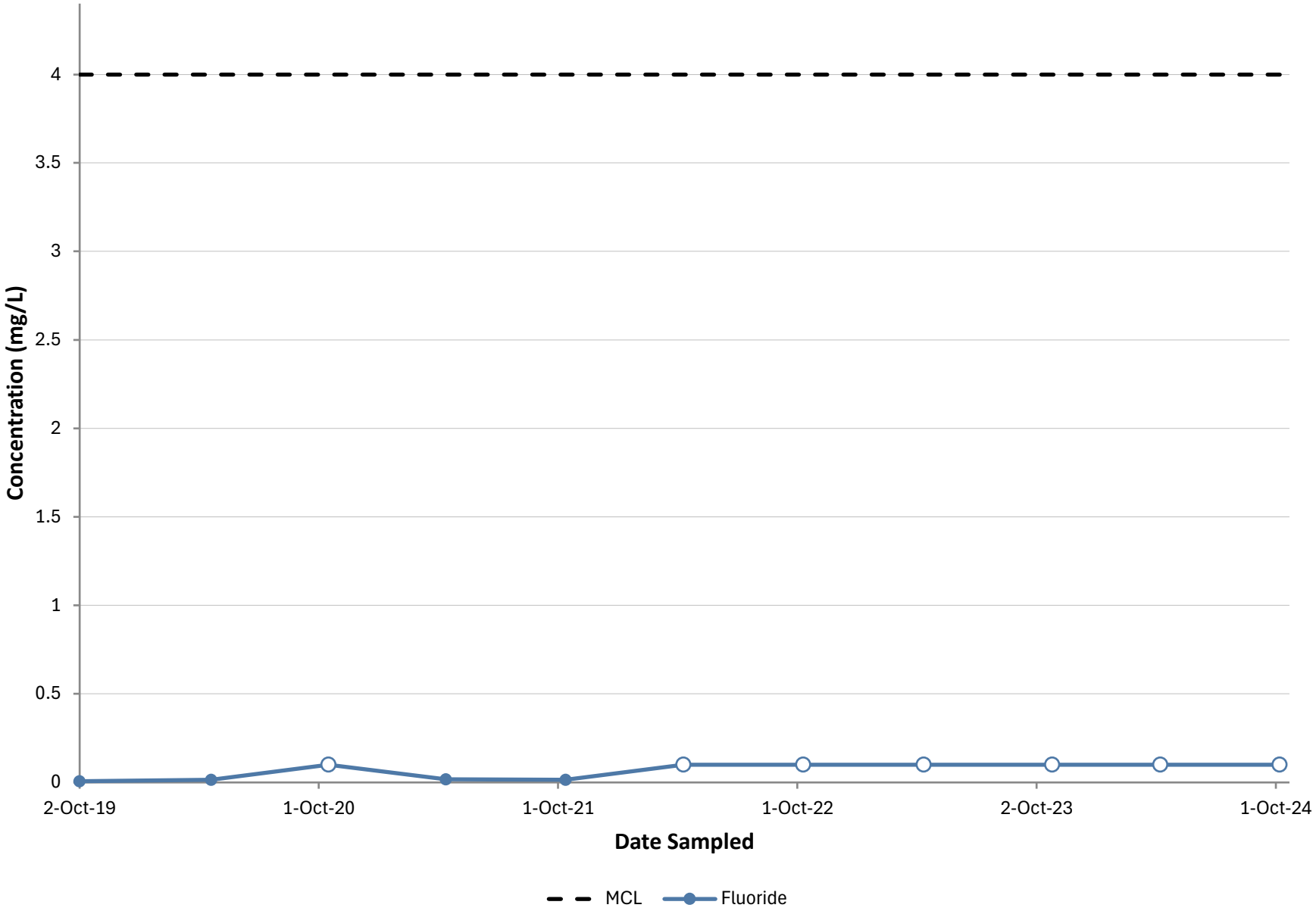
W-35

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



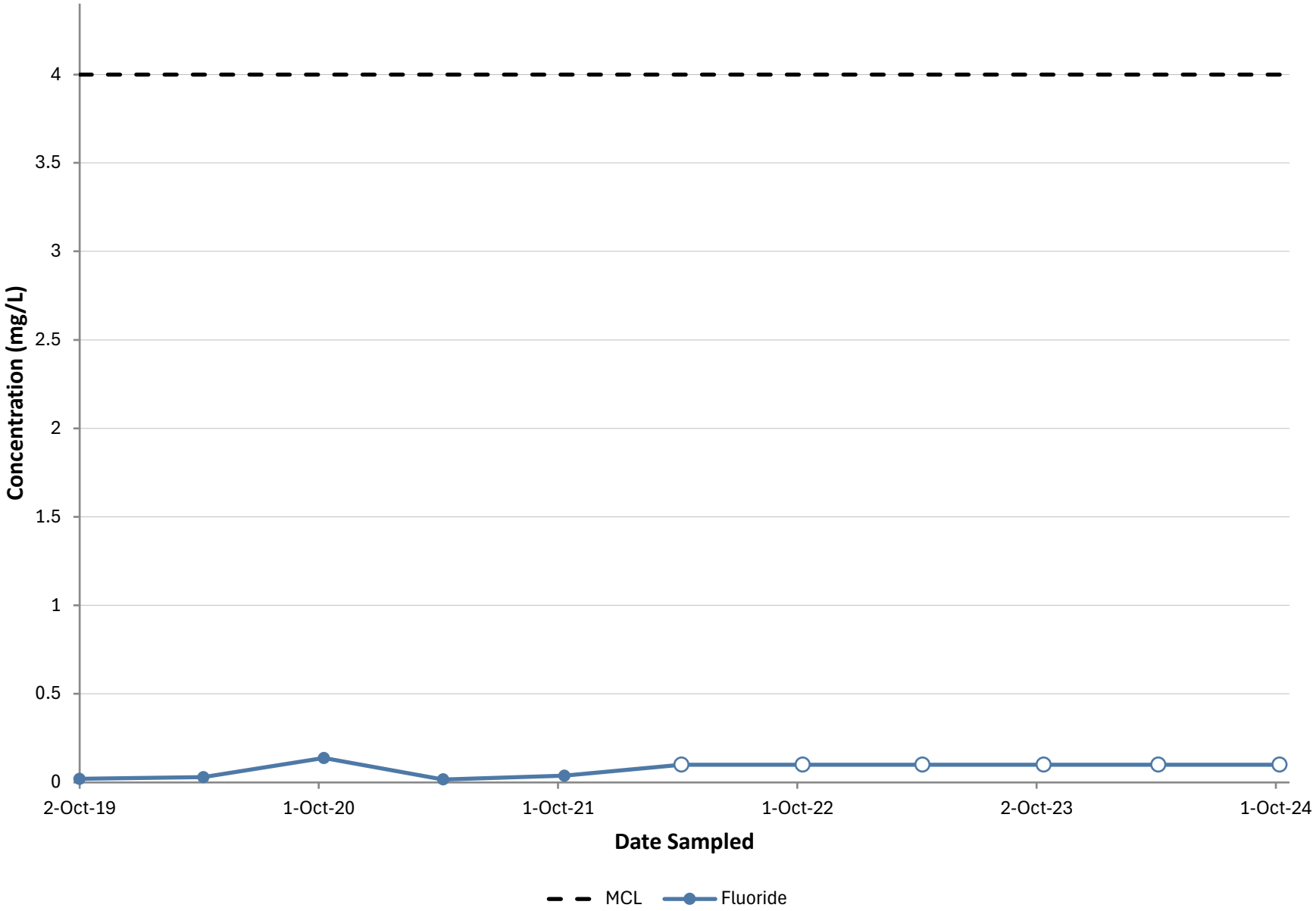
W-36

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



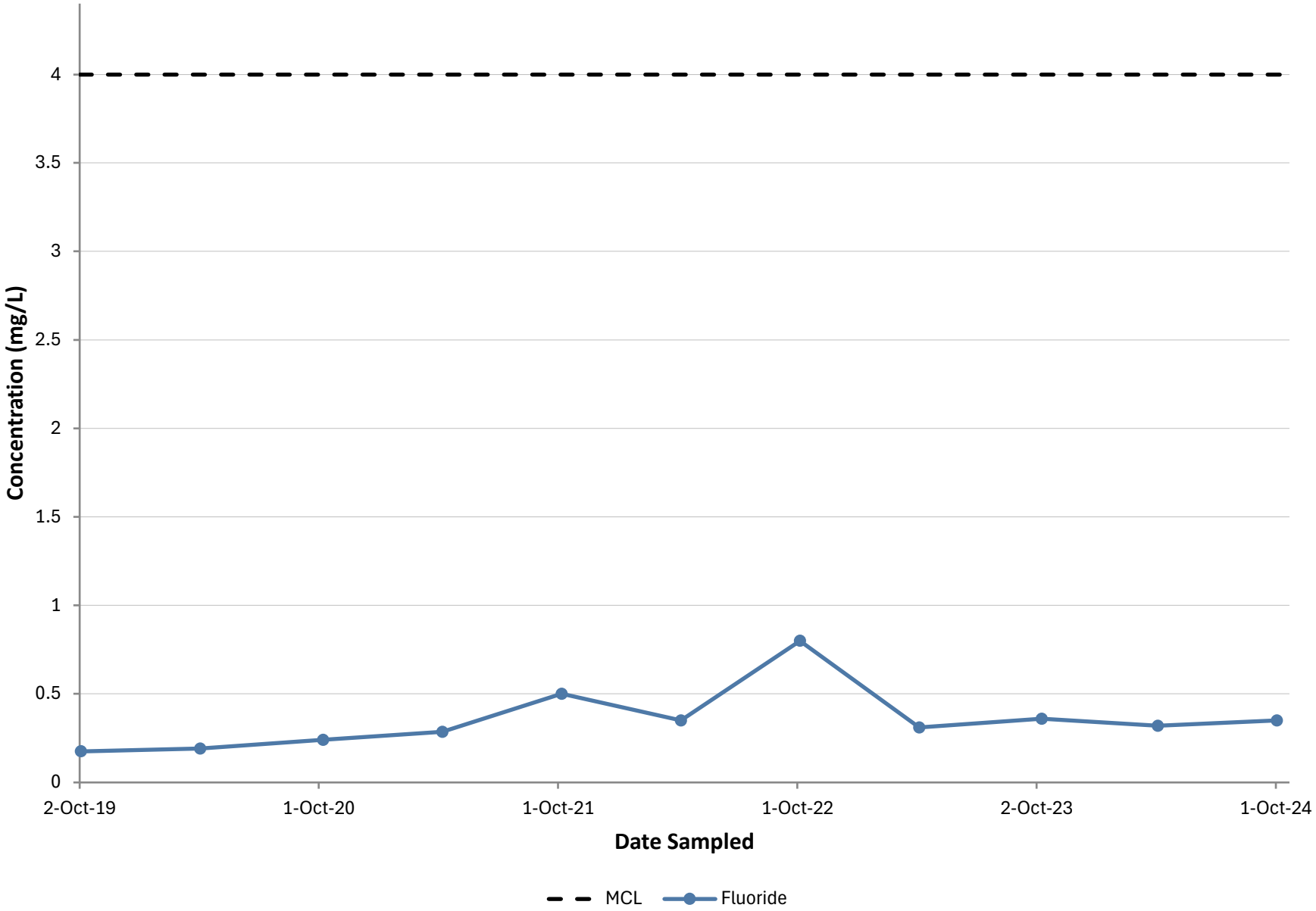
W-37

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



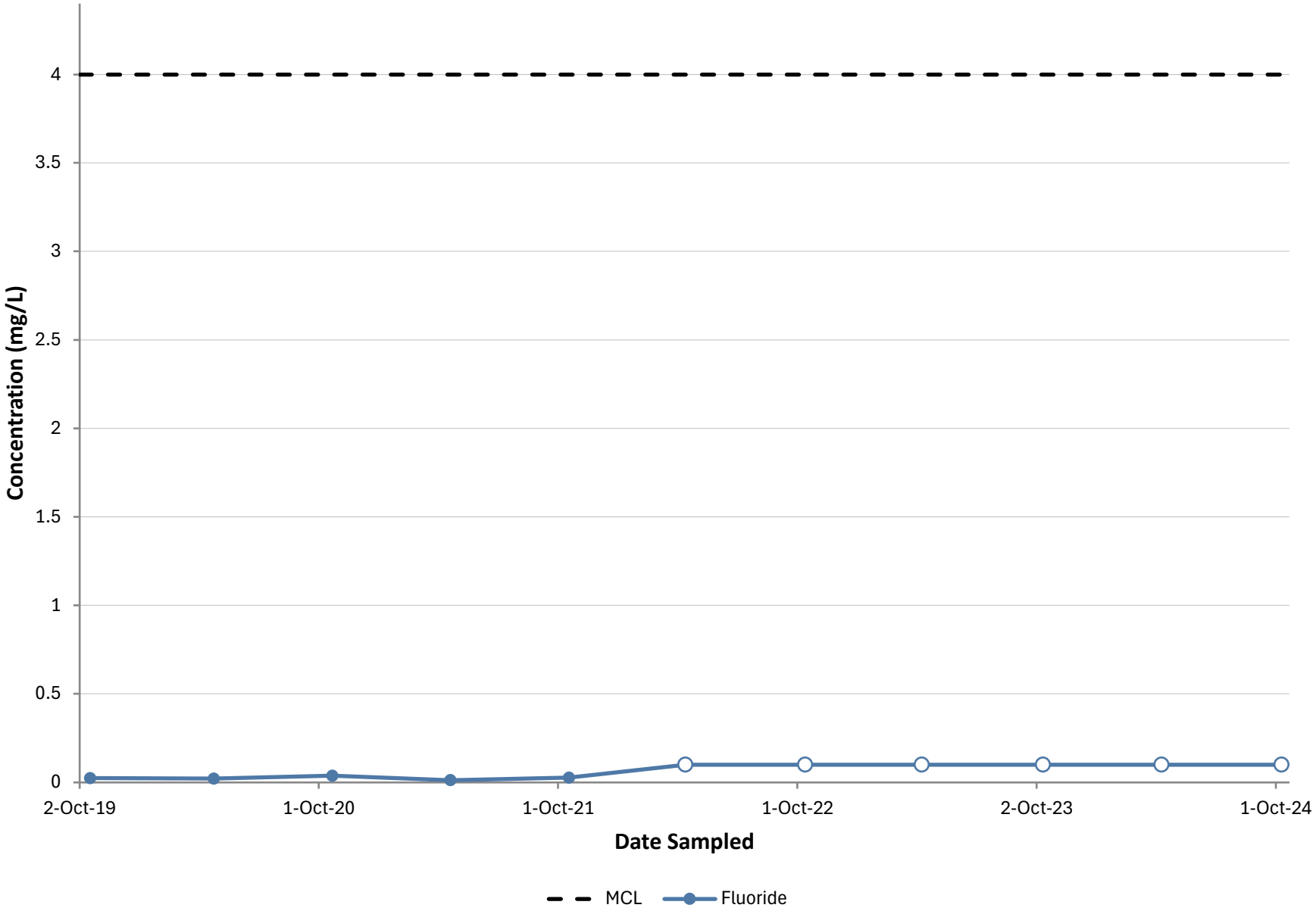
W-38

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



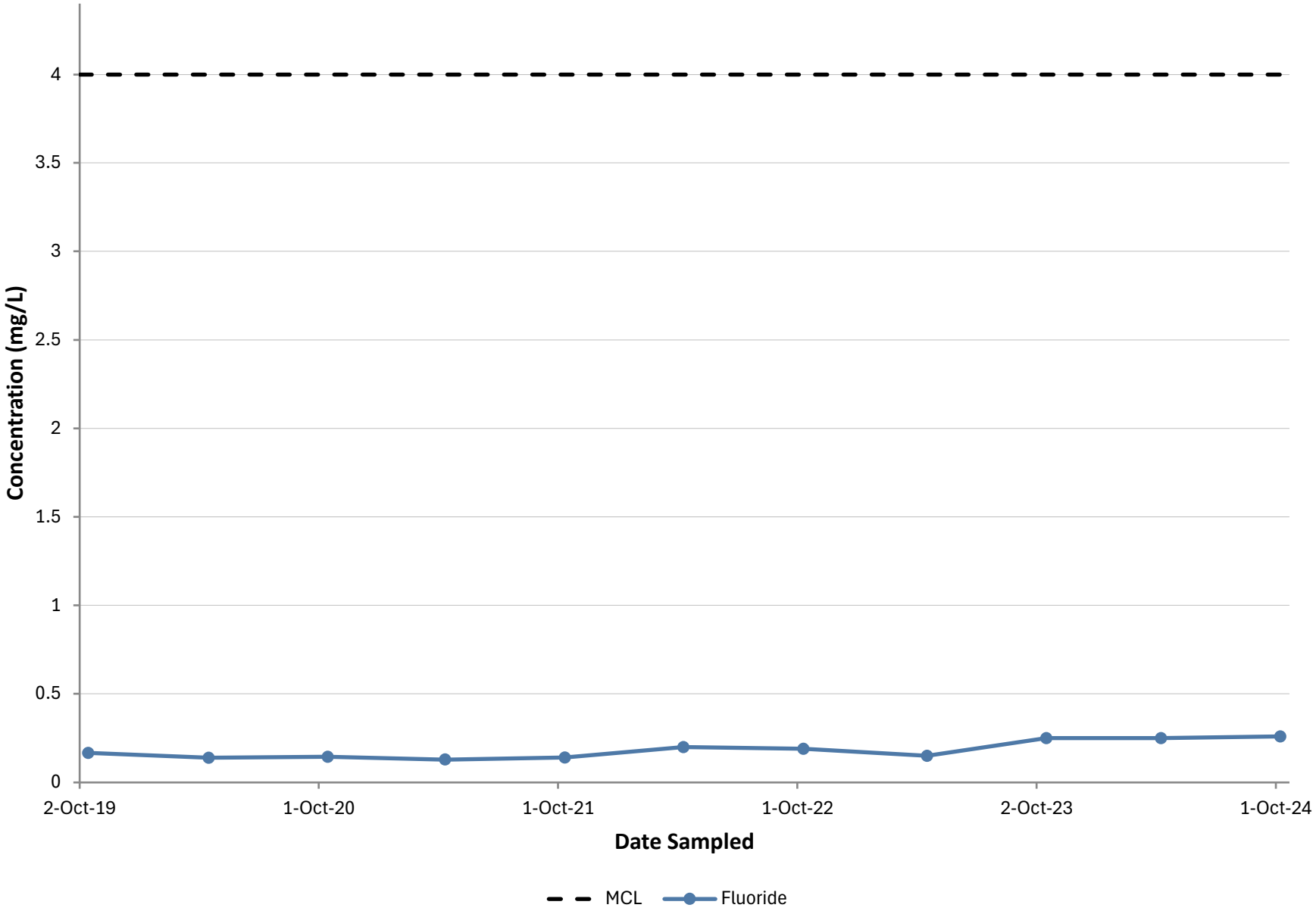
W-39

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



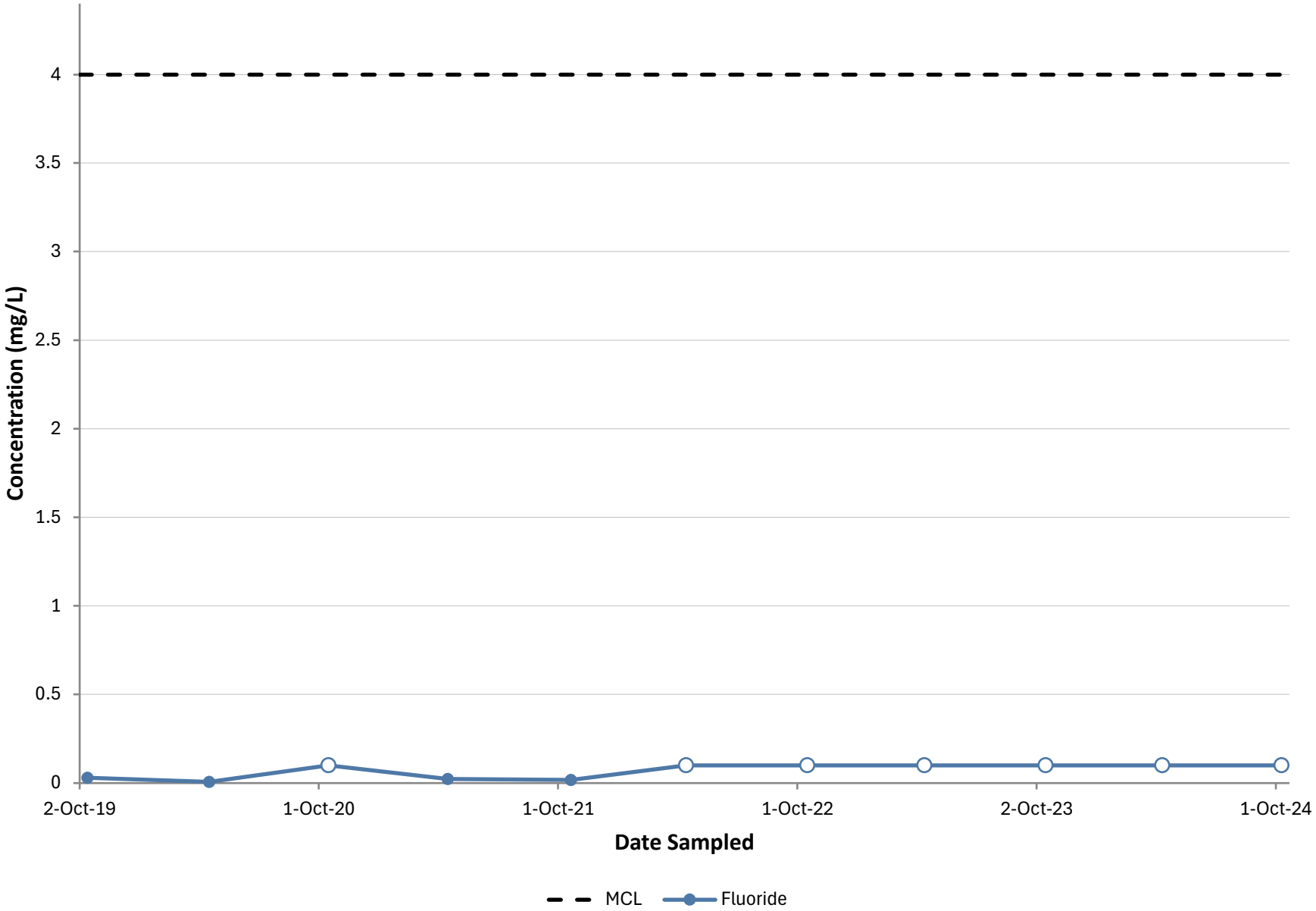
W-40

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



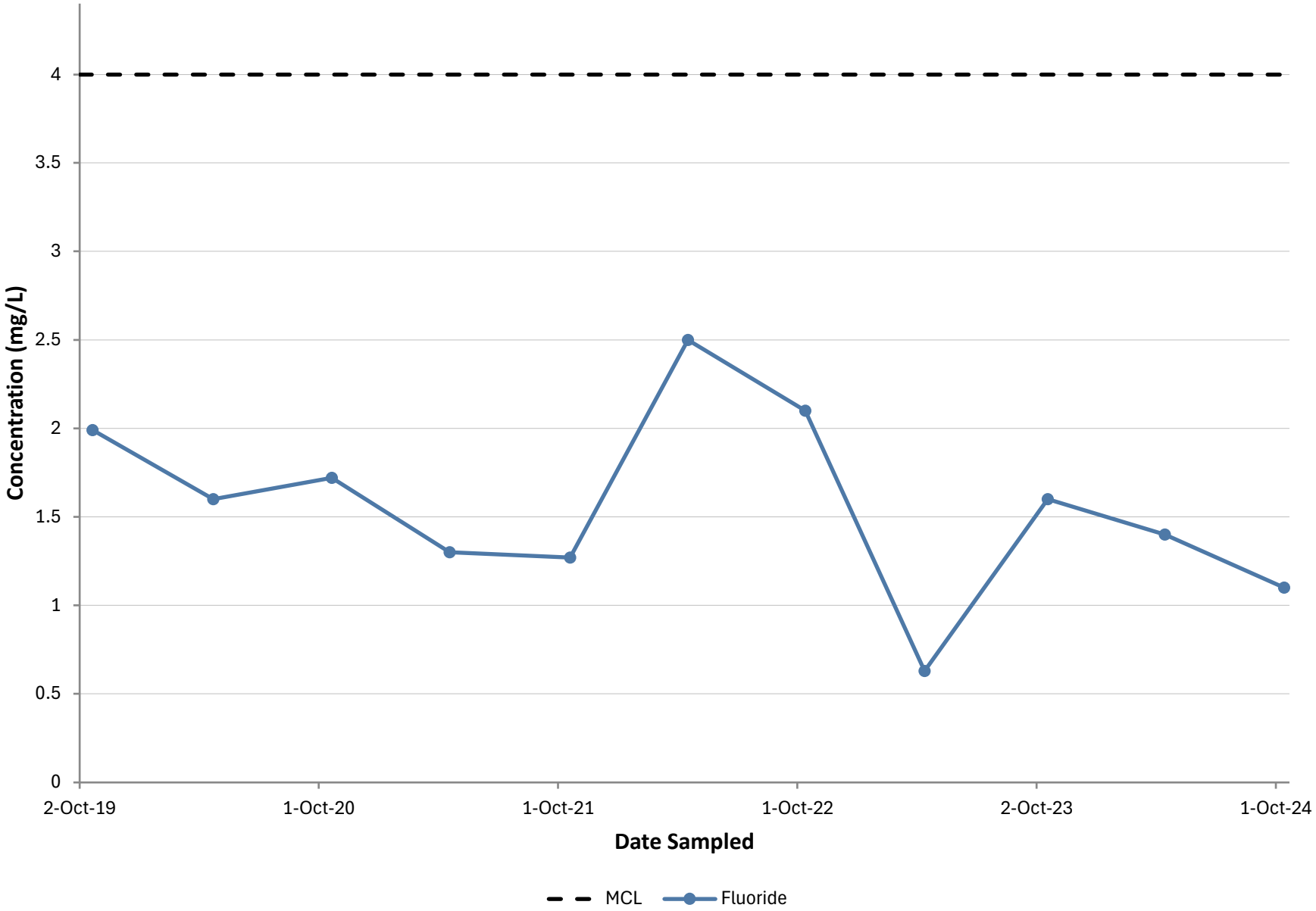
W-41R

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



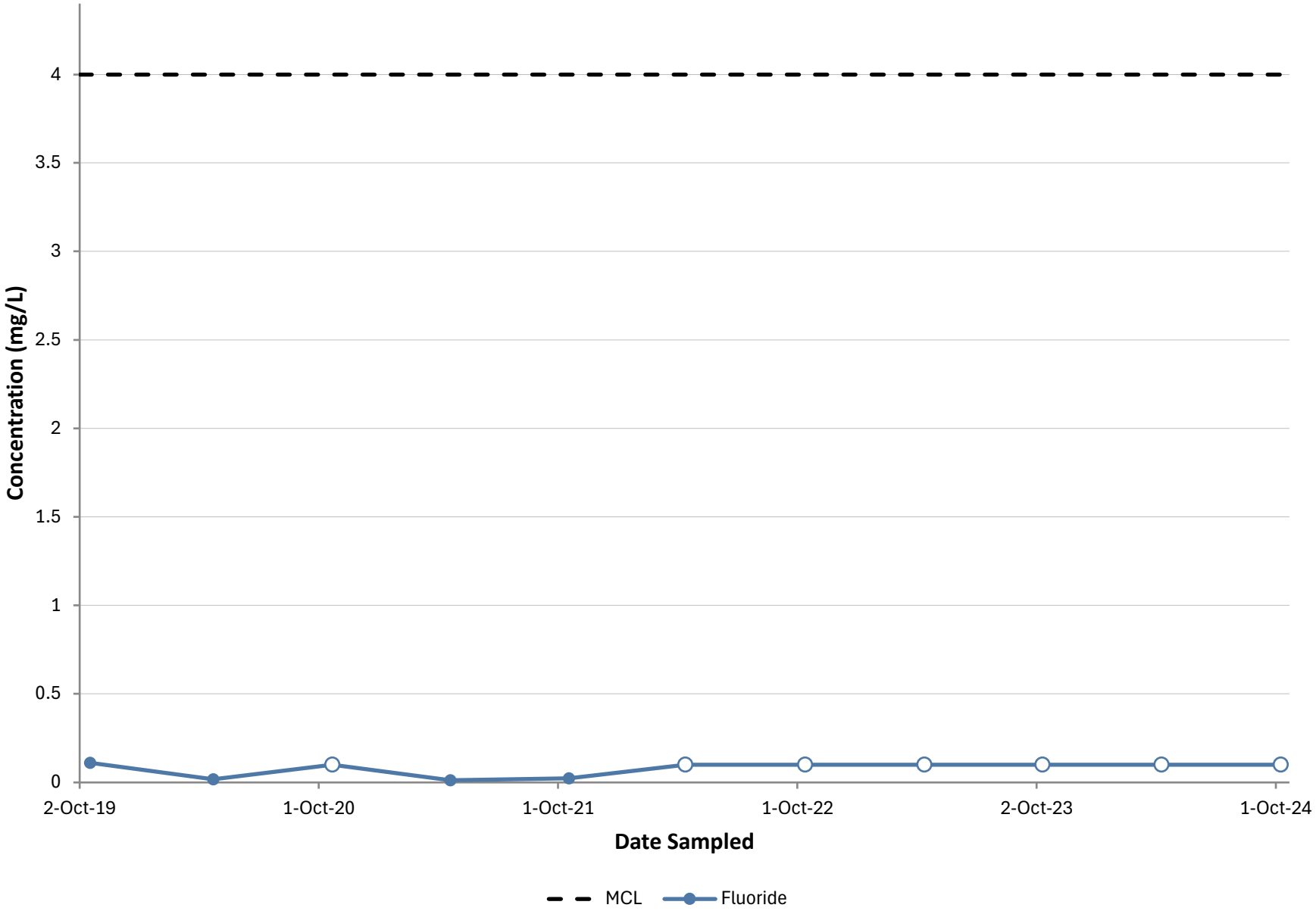
W-42

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



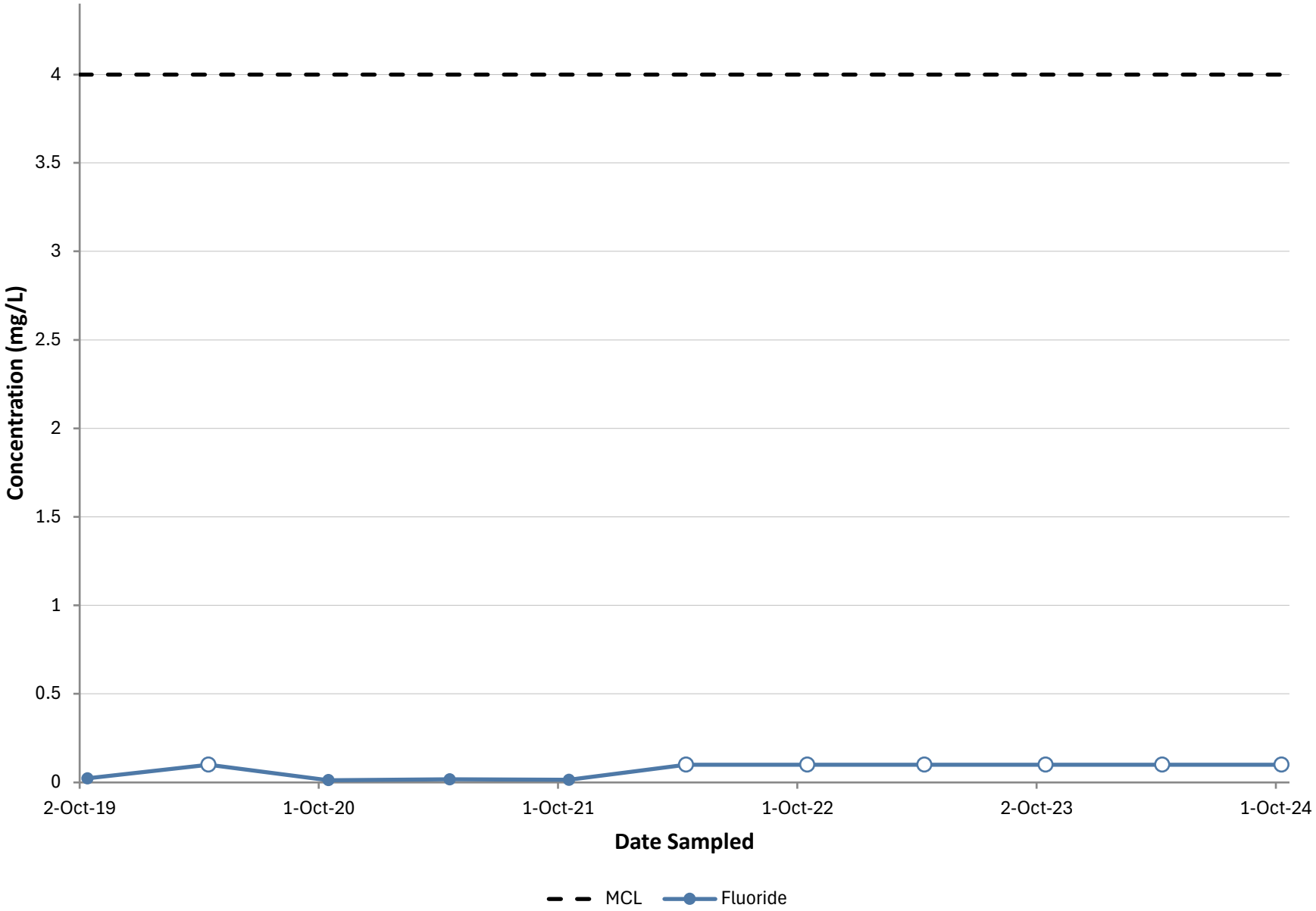
W-43

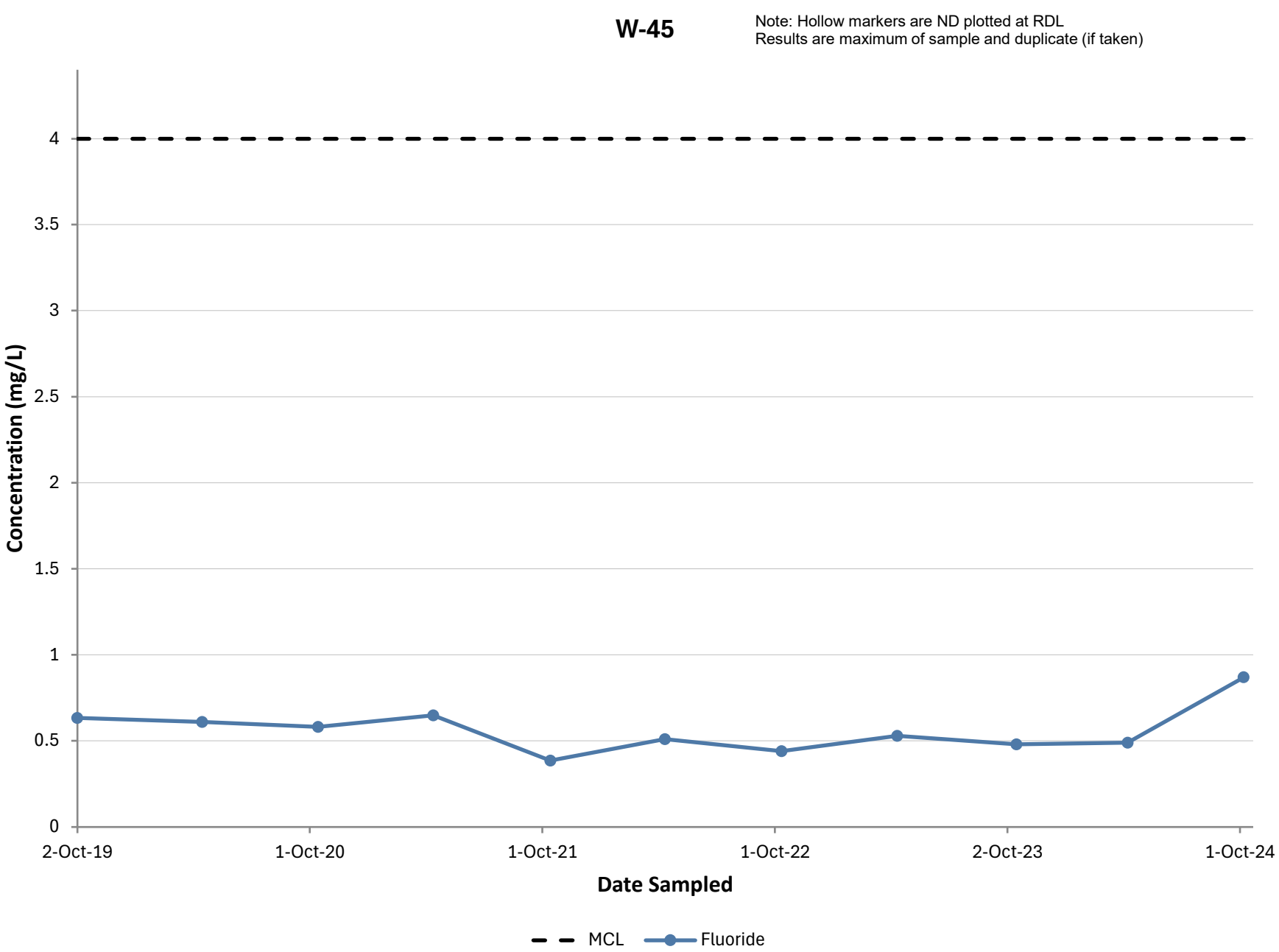
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-44

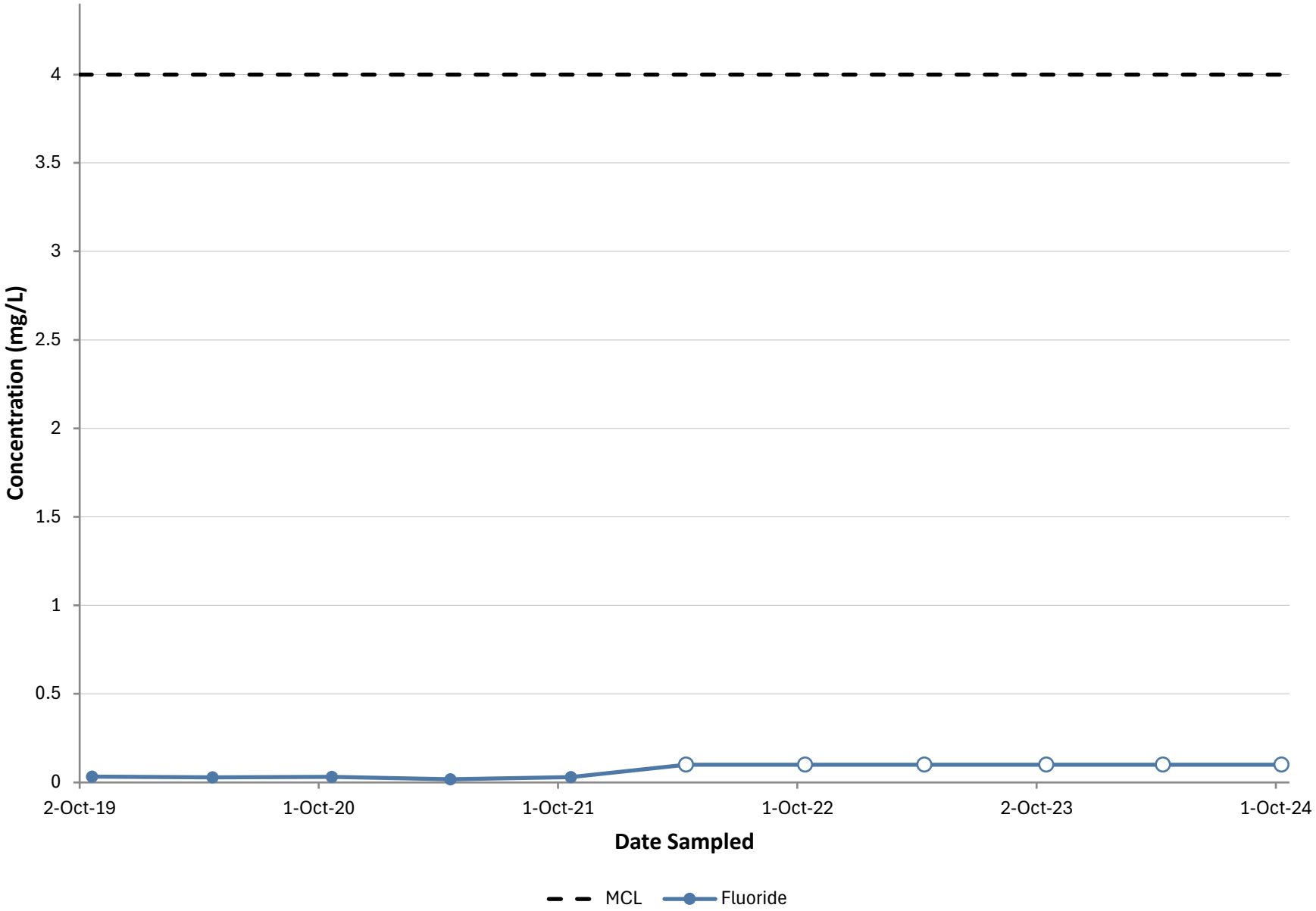
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

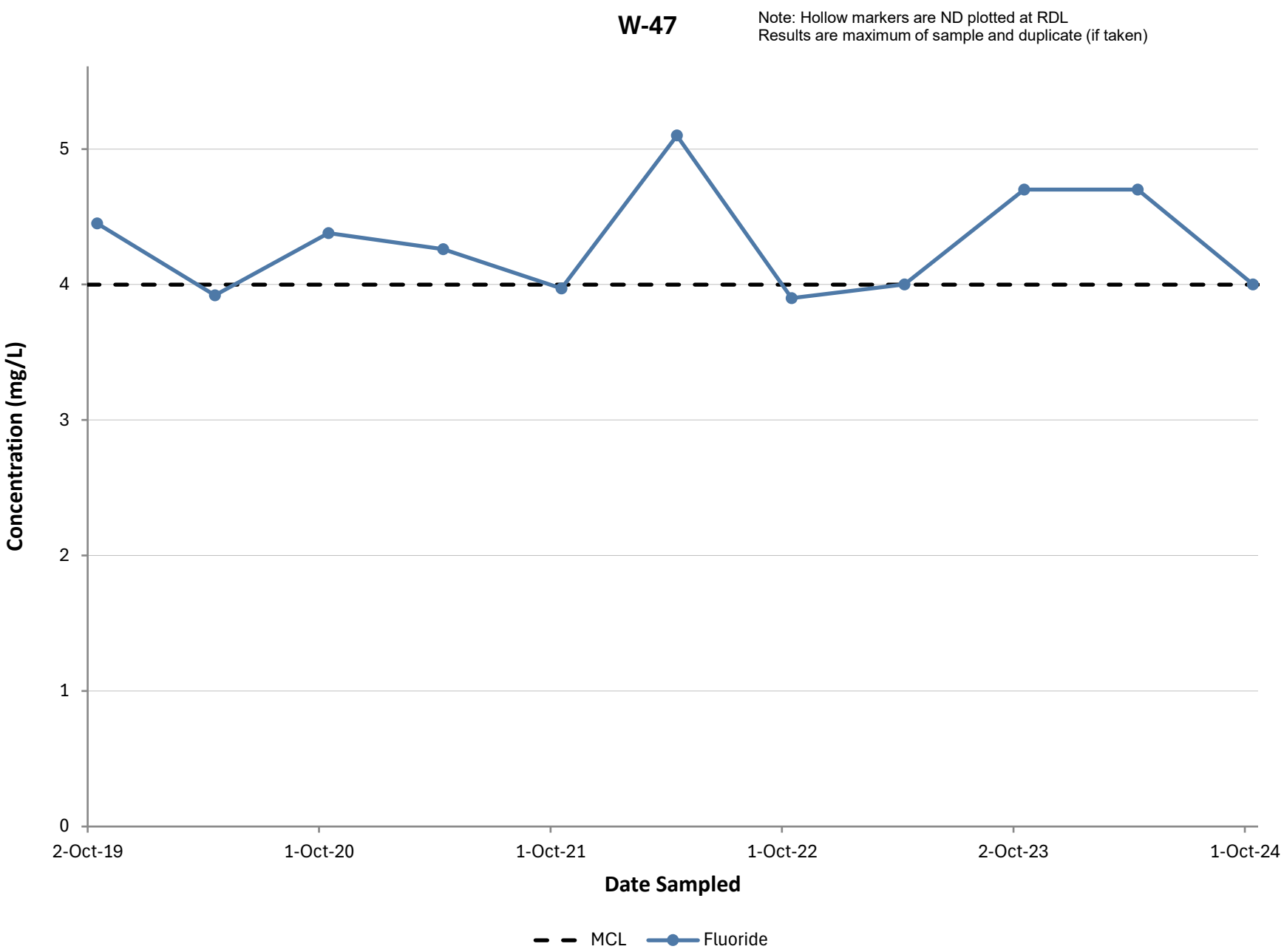



W-45
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

W-46

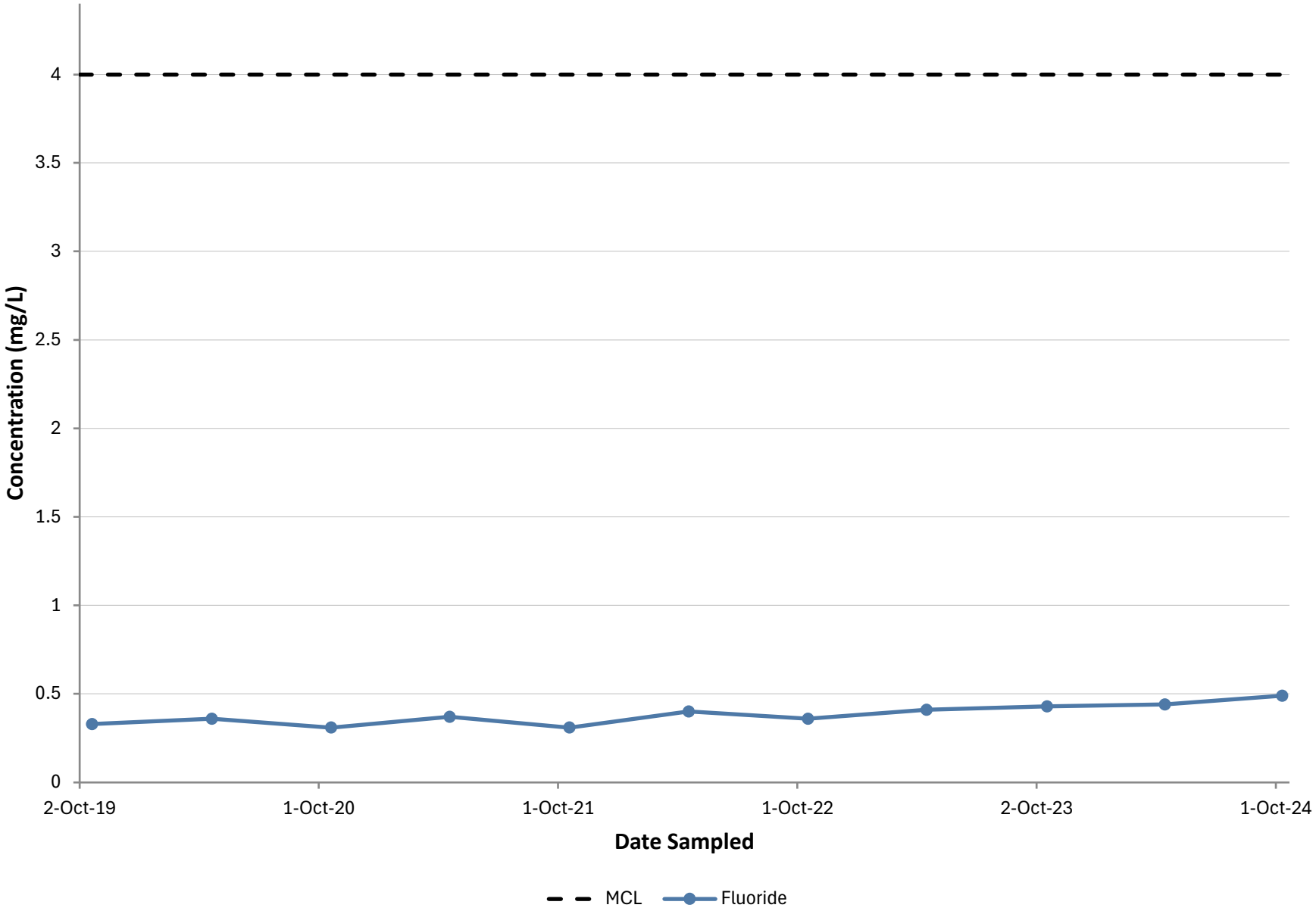
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-47
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
0
1
2
3
4
5
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

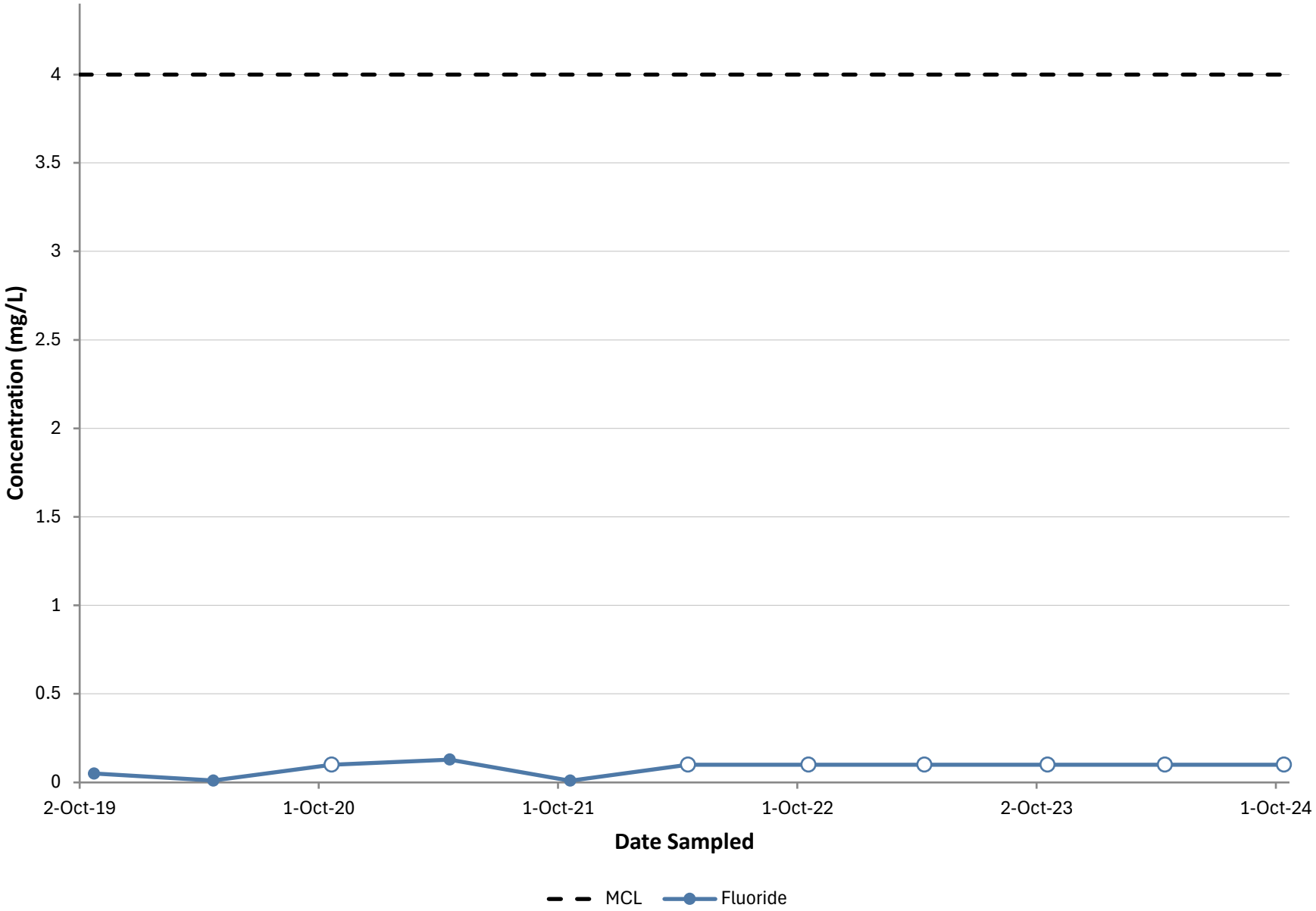
W-48

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



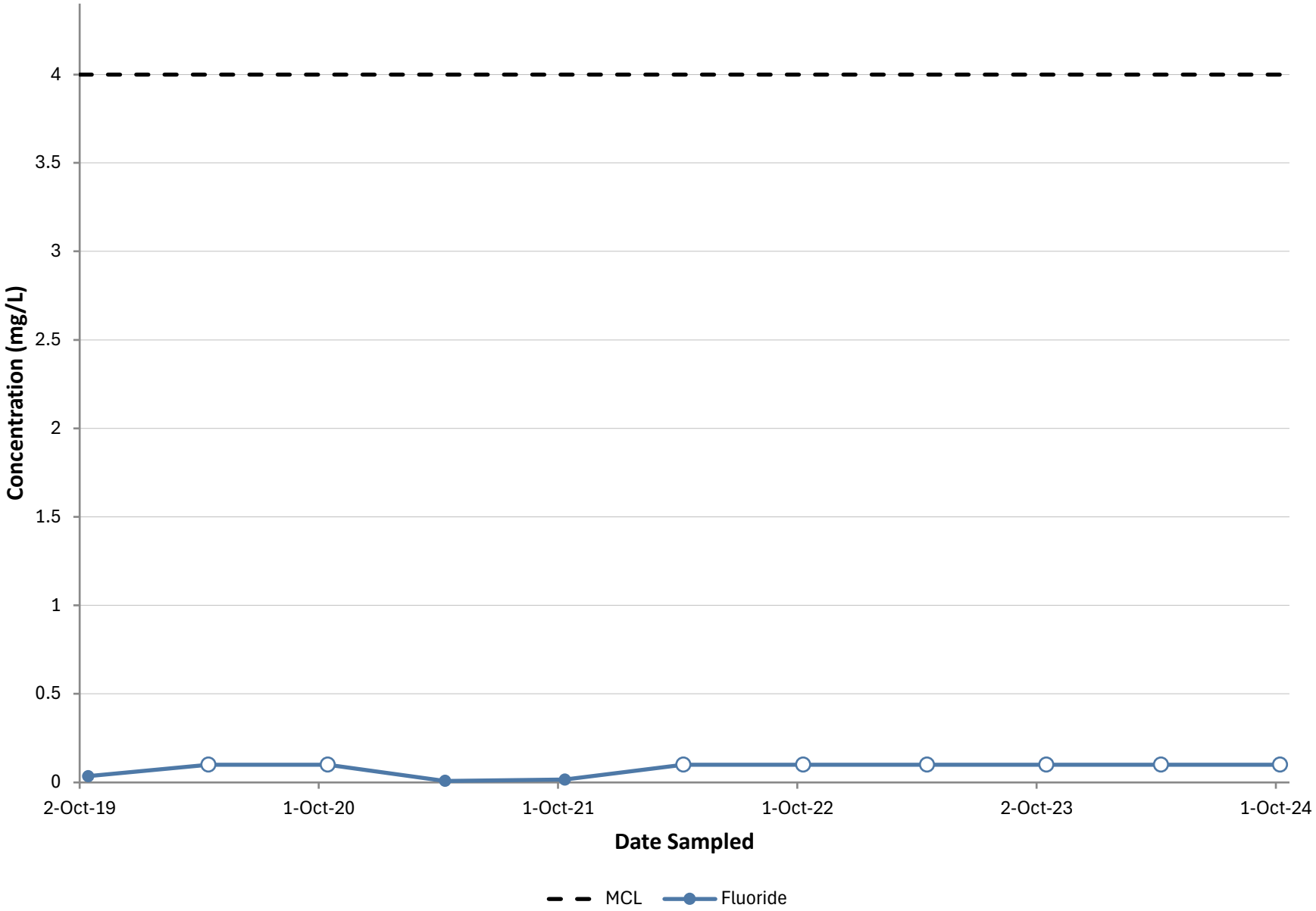
W-49

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



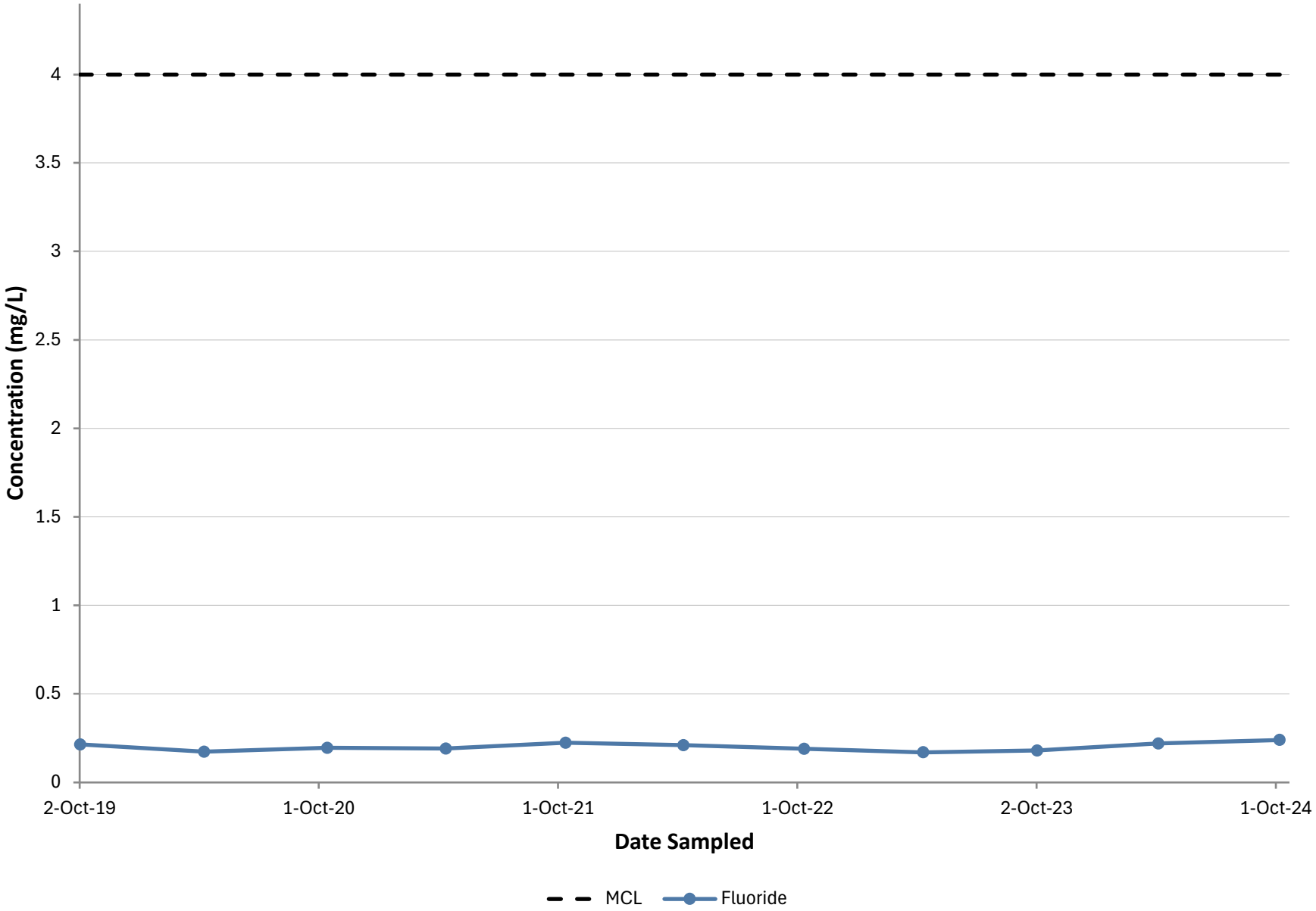
W-50

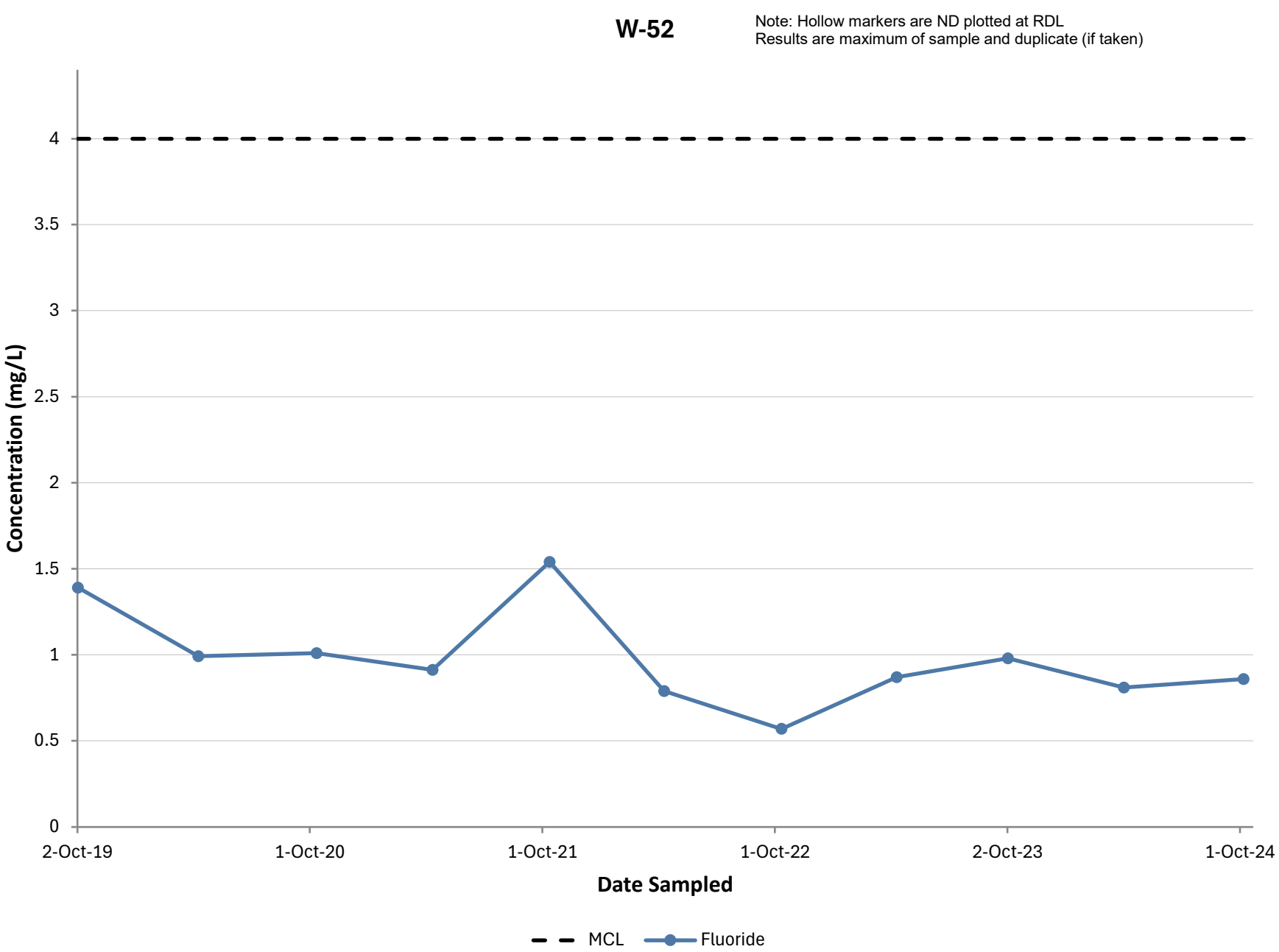
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-51

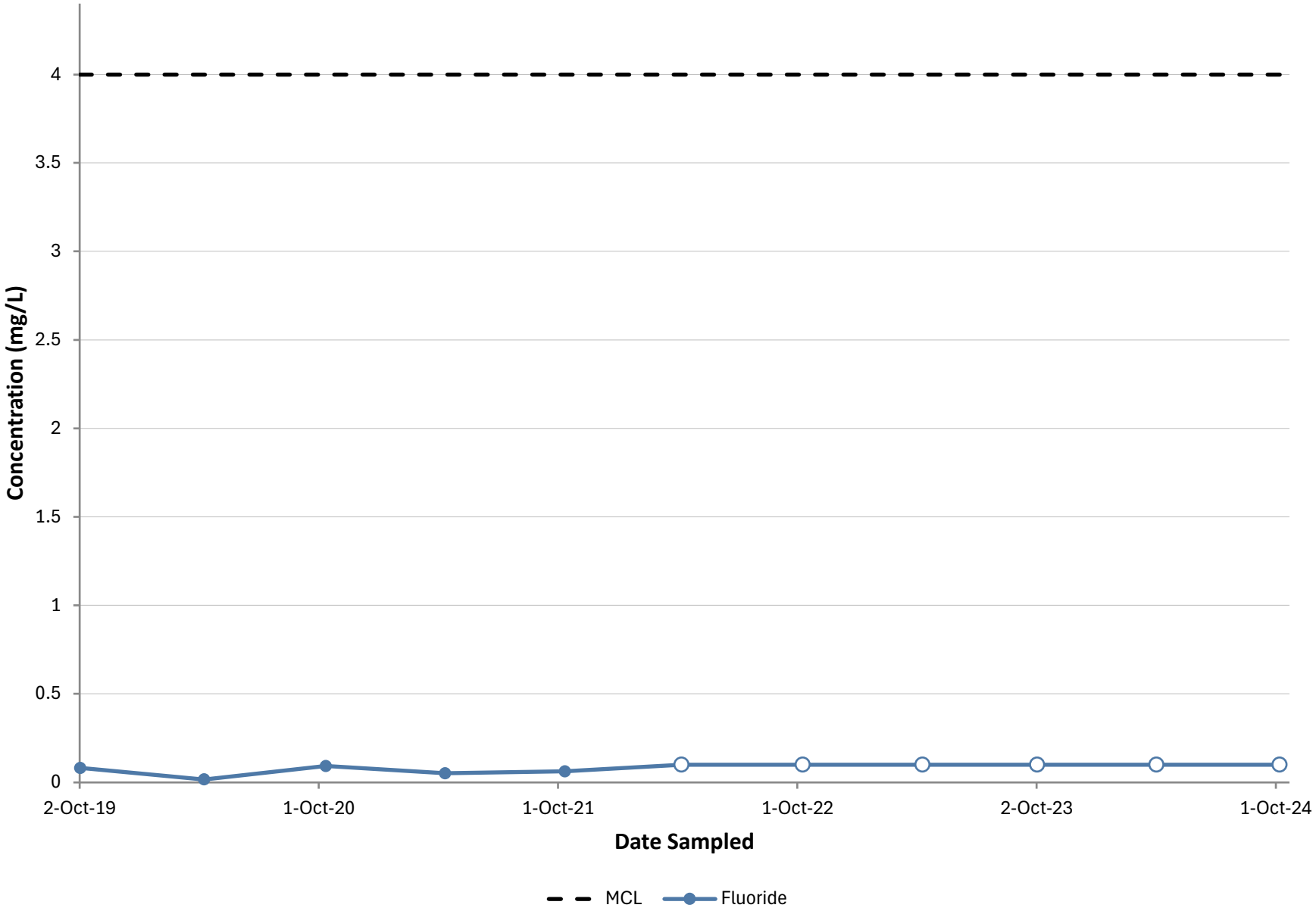
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-52
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

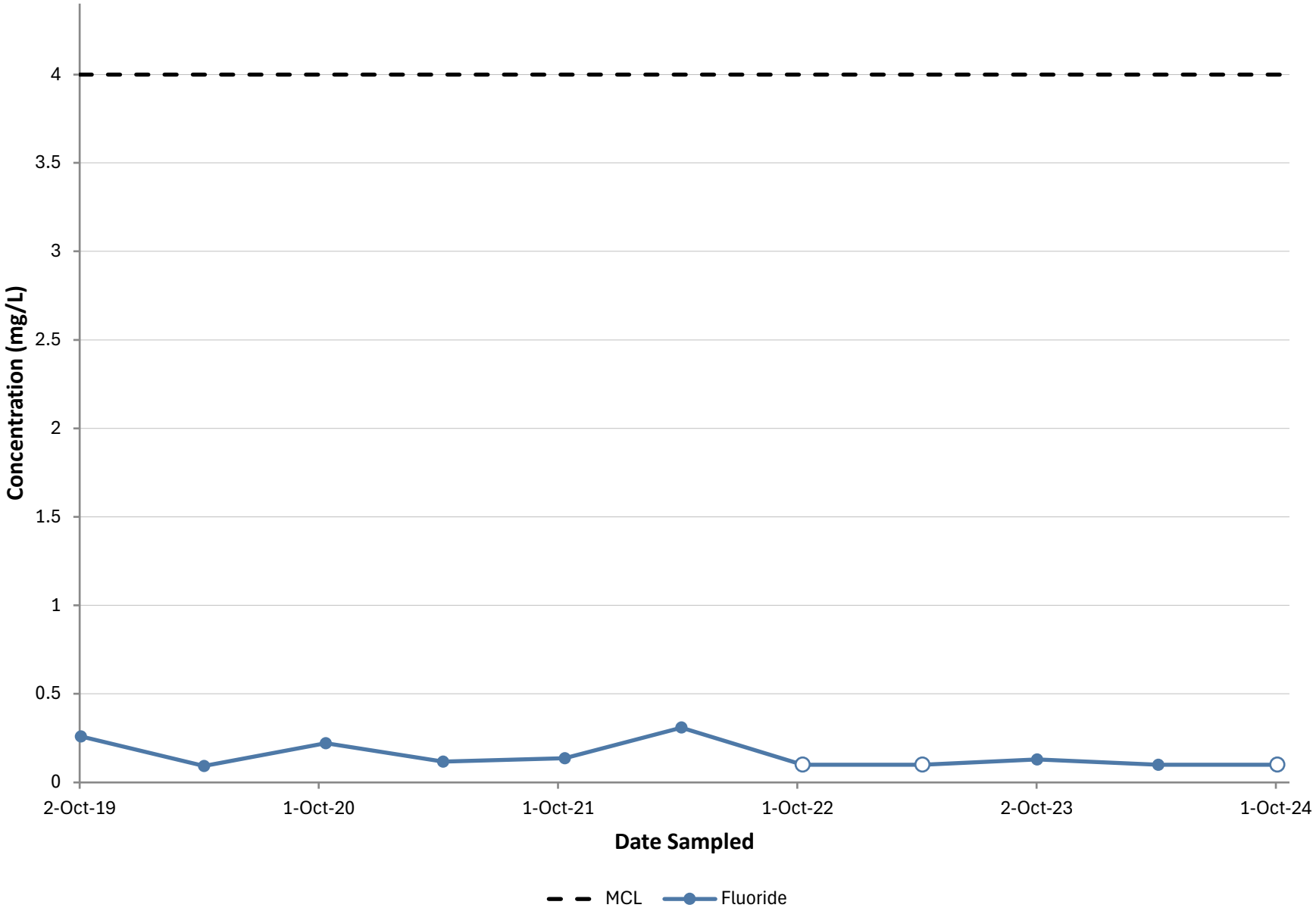
W-53

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



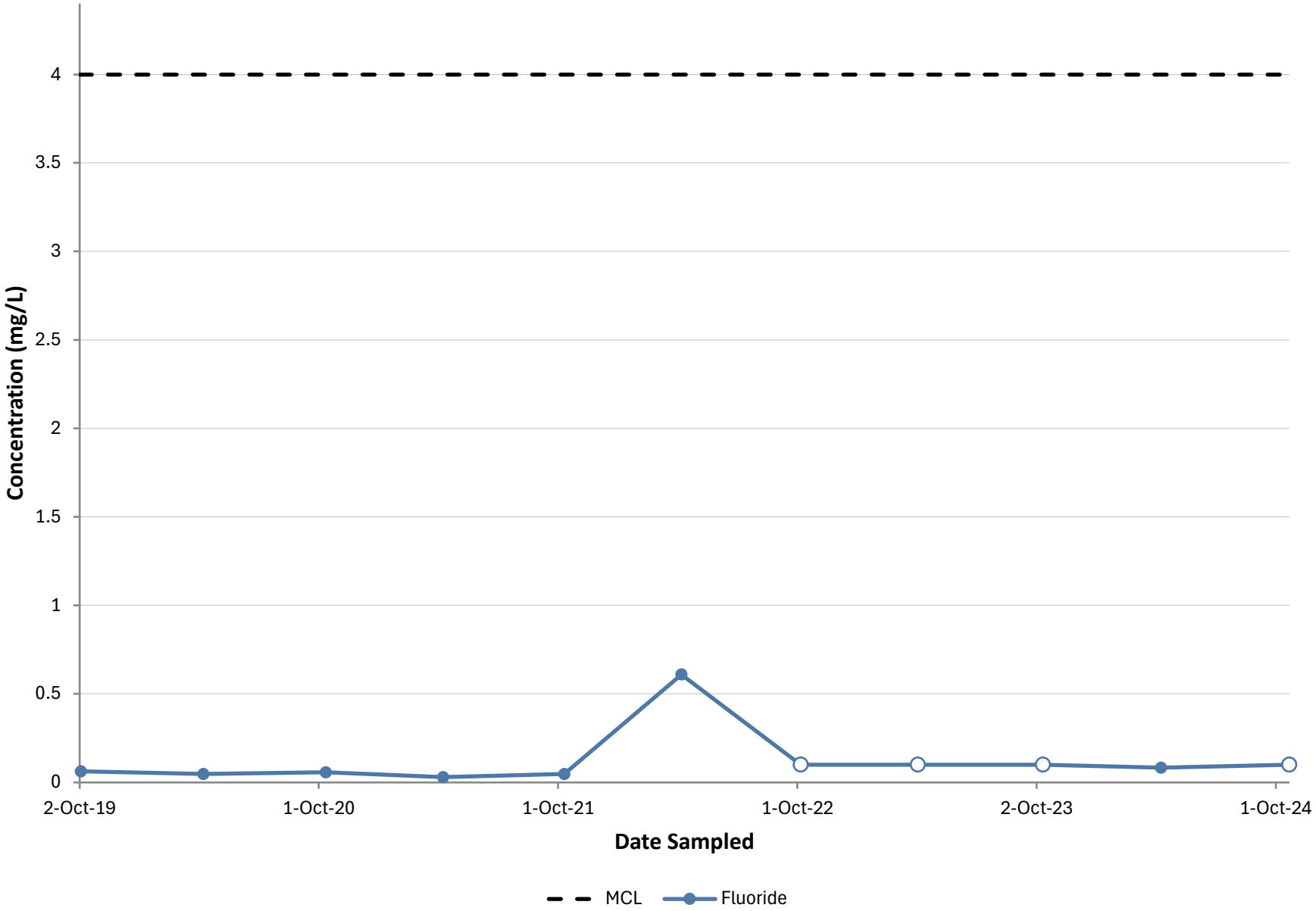
W-54

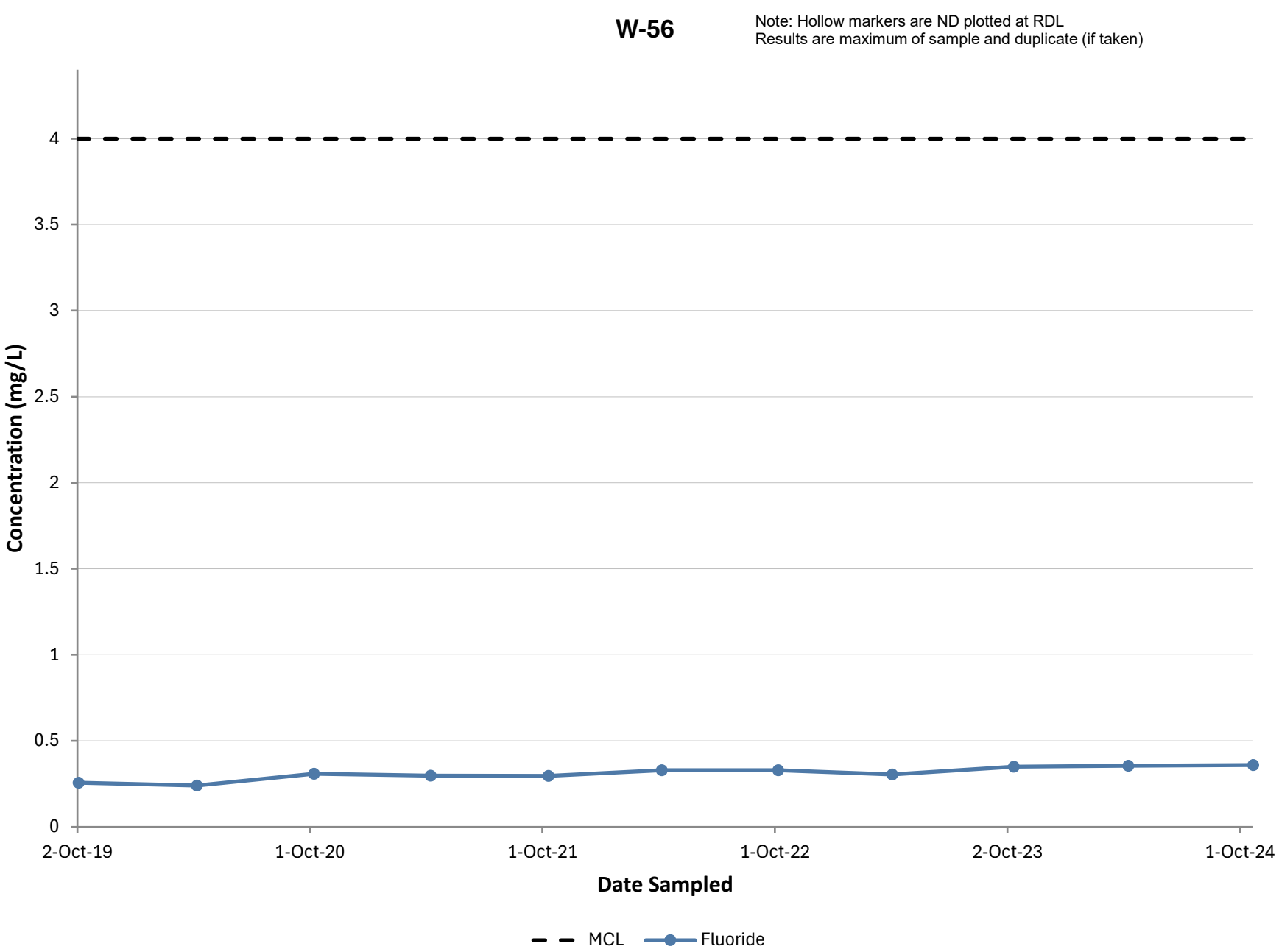
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

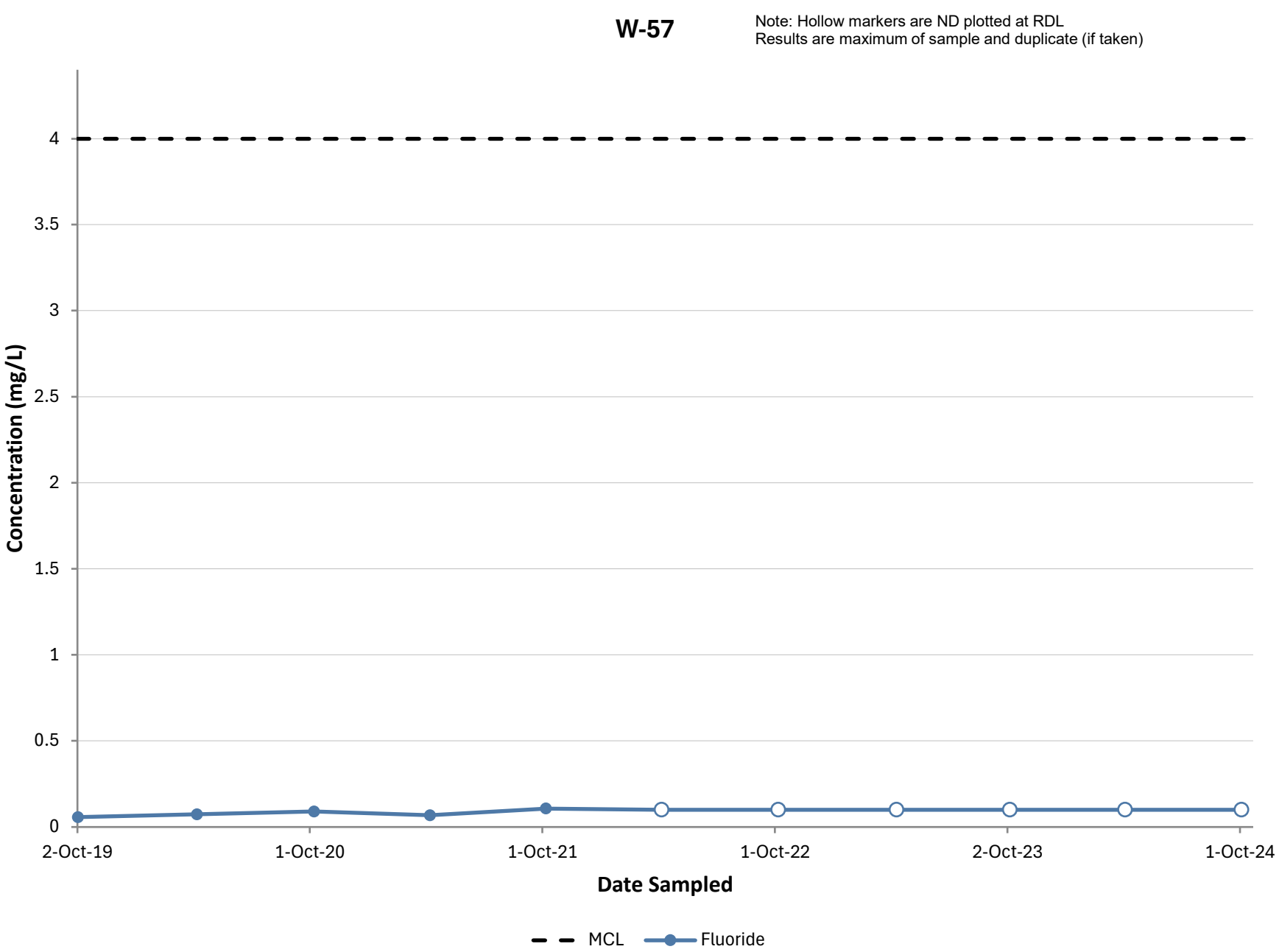


W-55

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

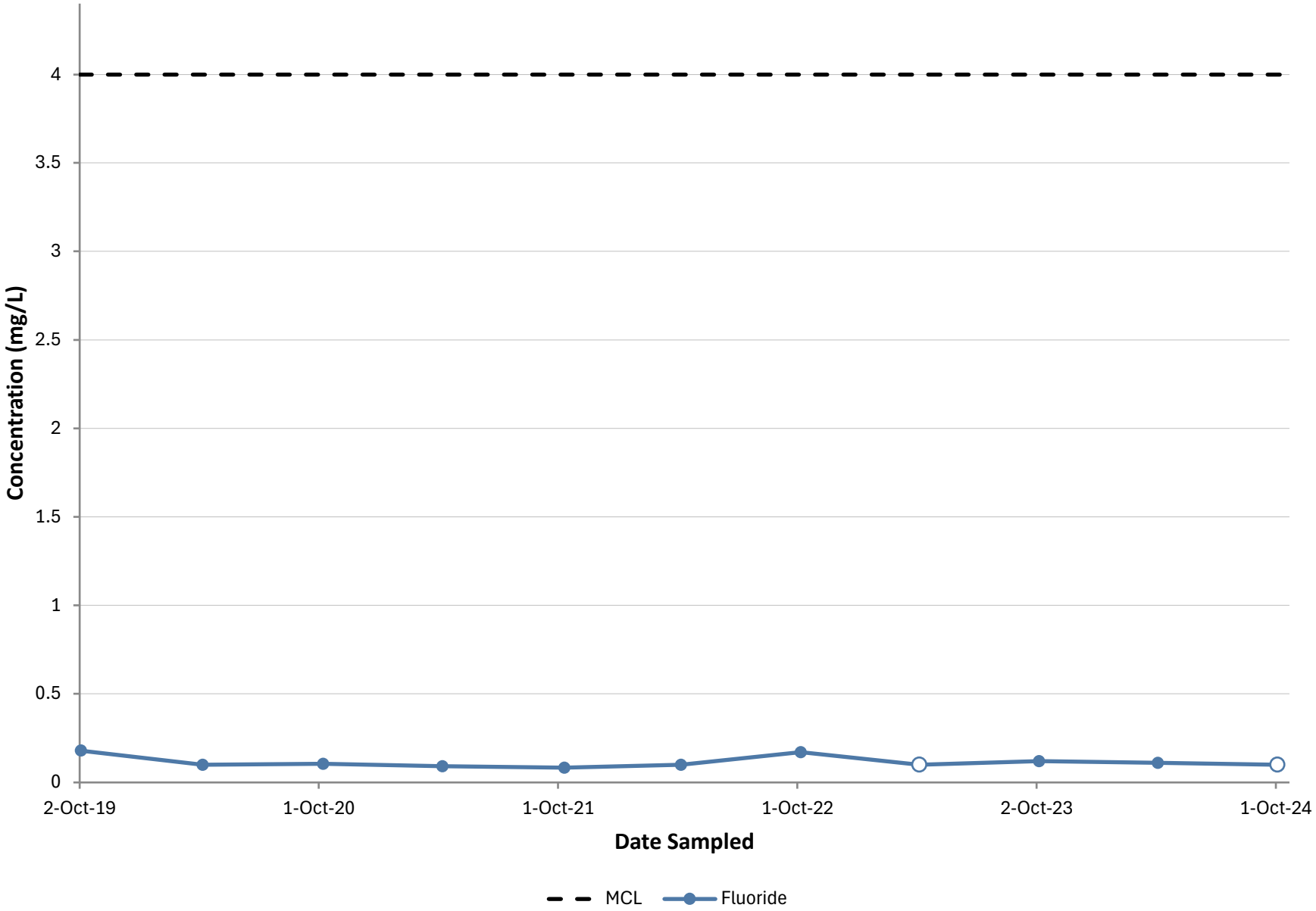


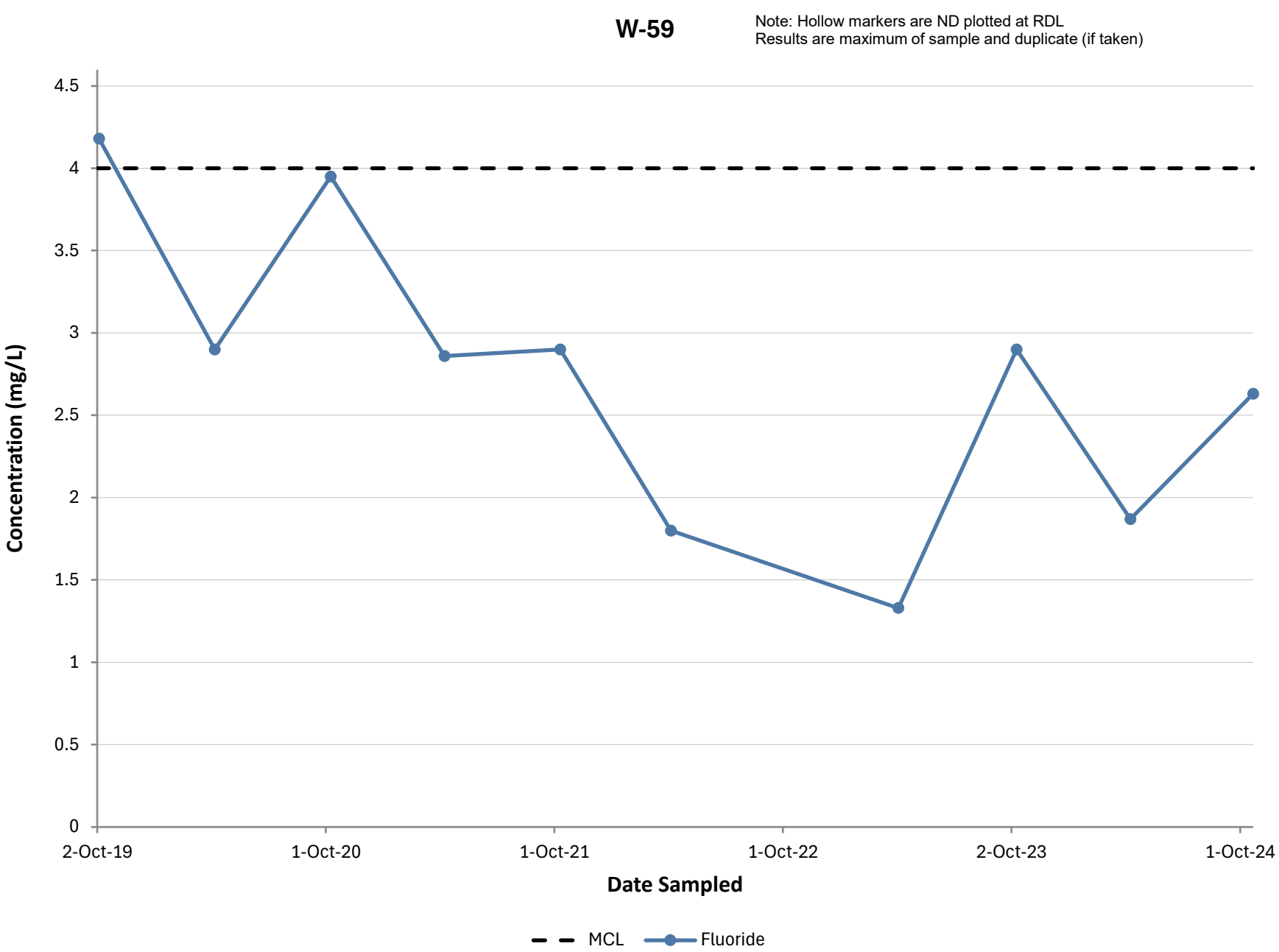

W-56
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride


W-57
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

W-58

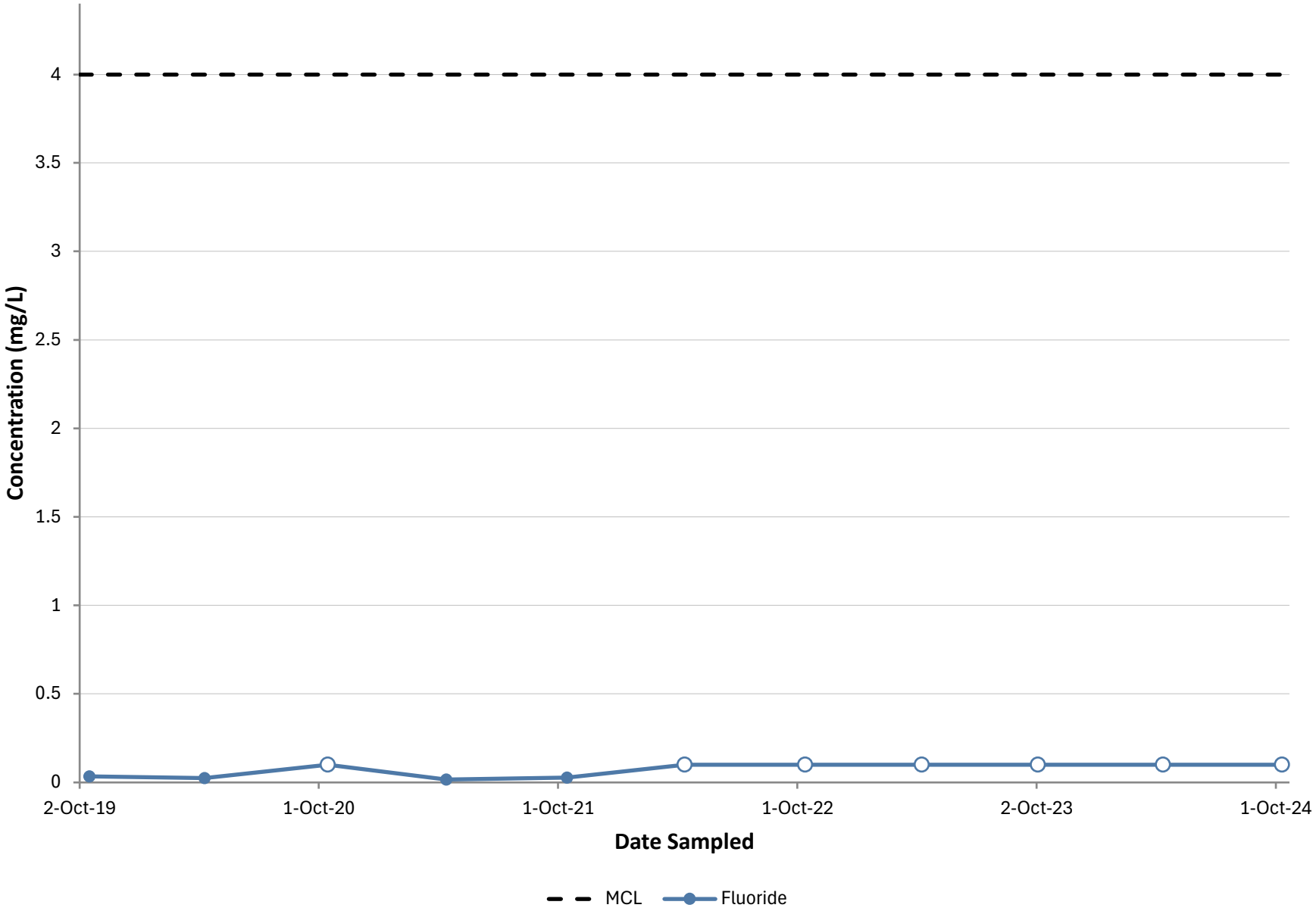
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-59
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

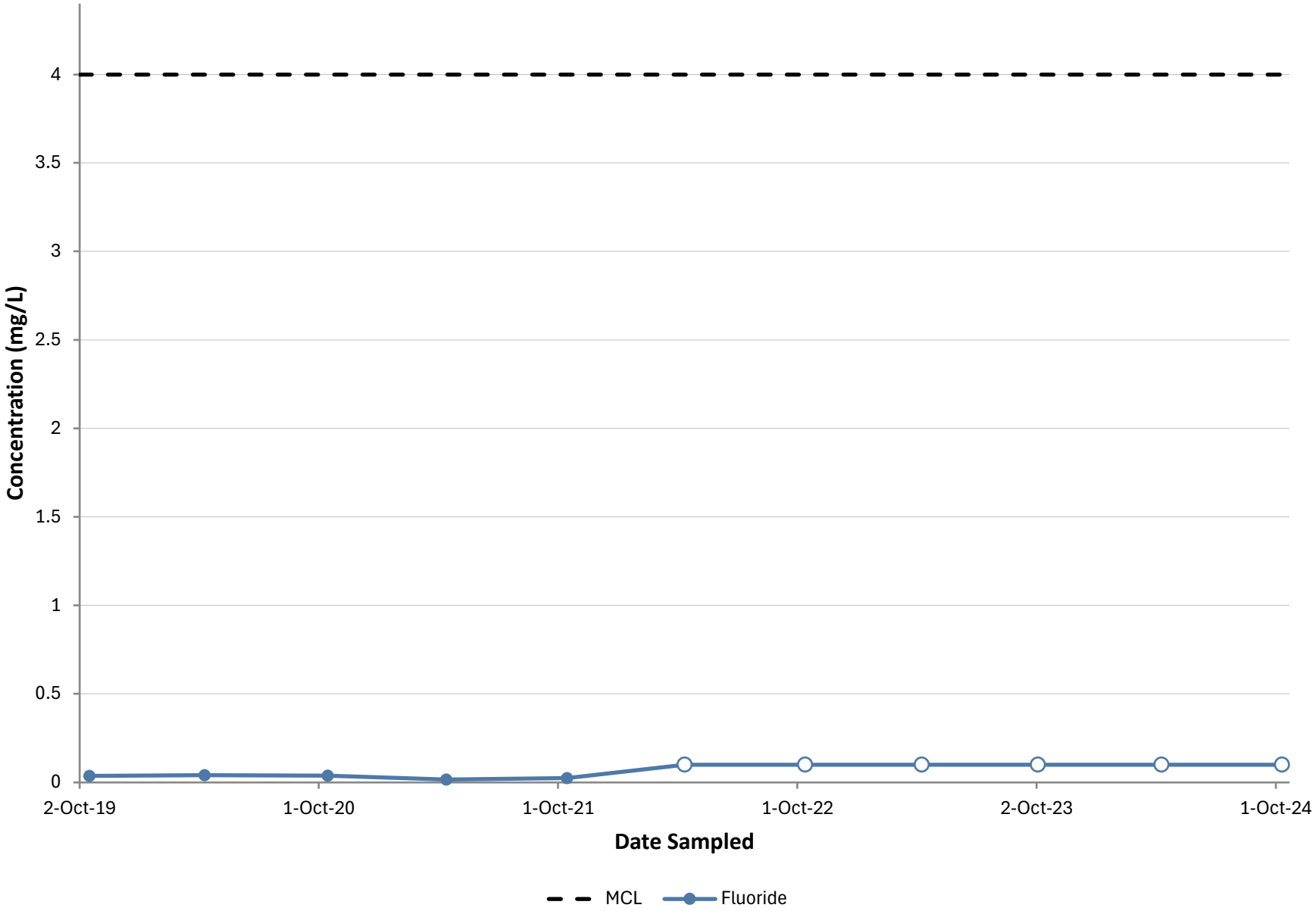
W-60

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



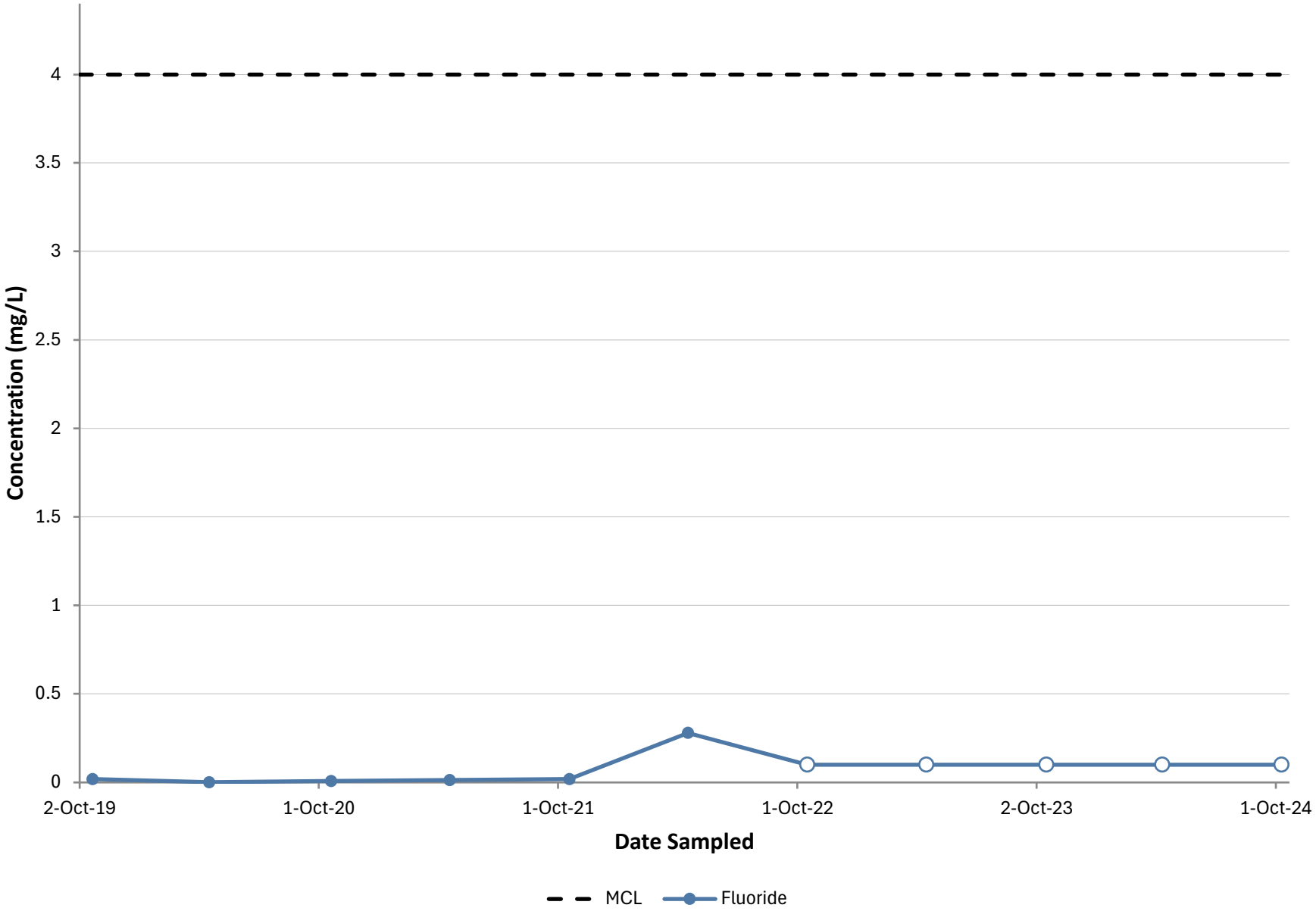
W-61

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



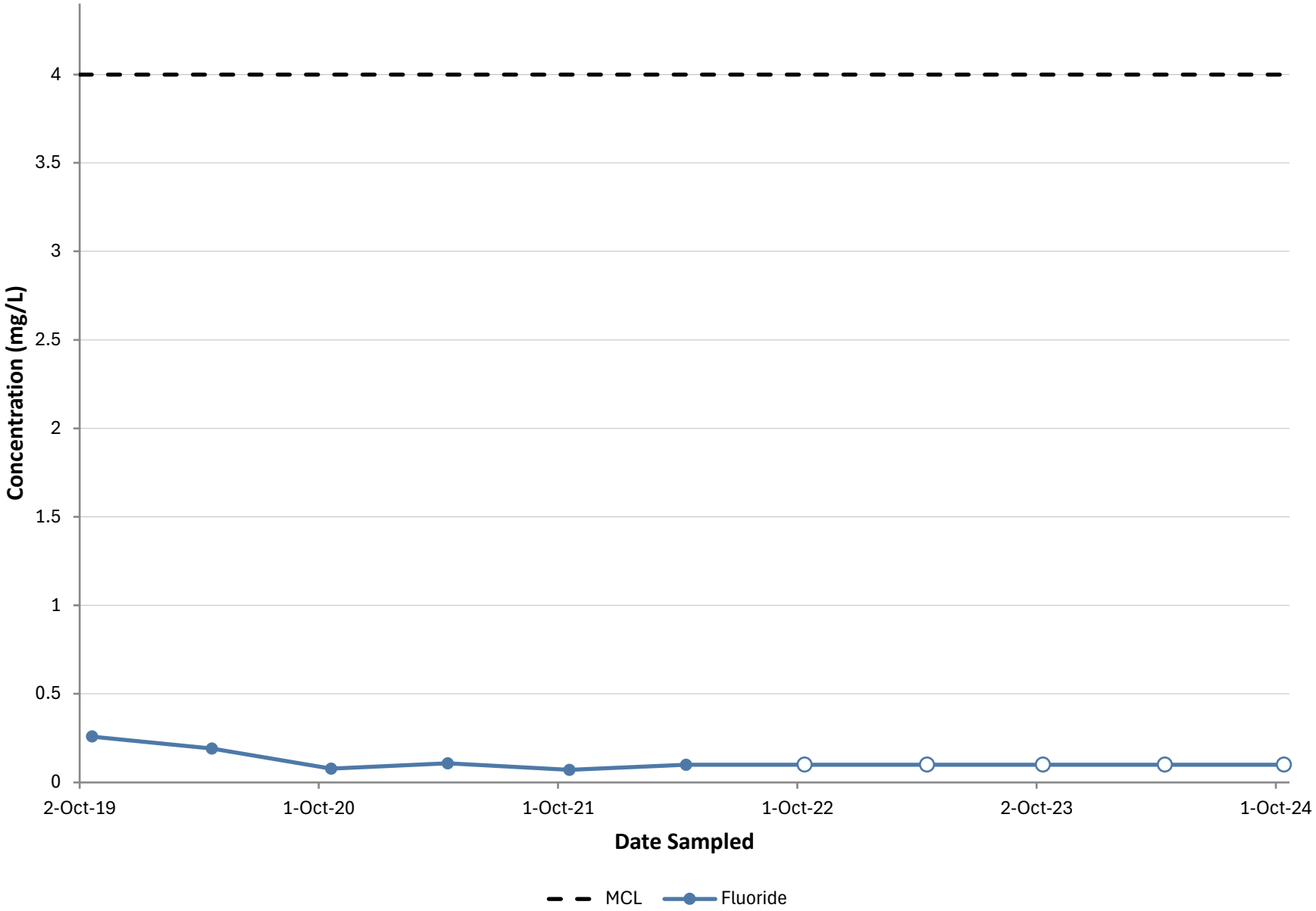
W-62

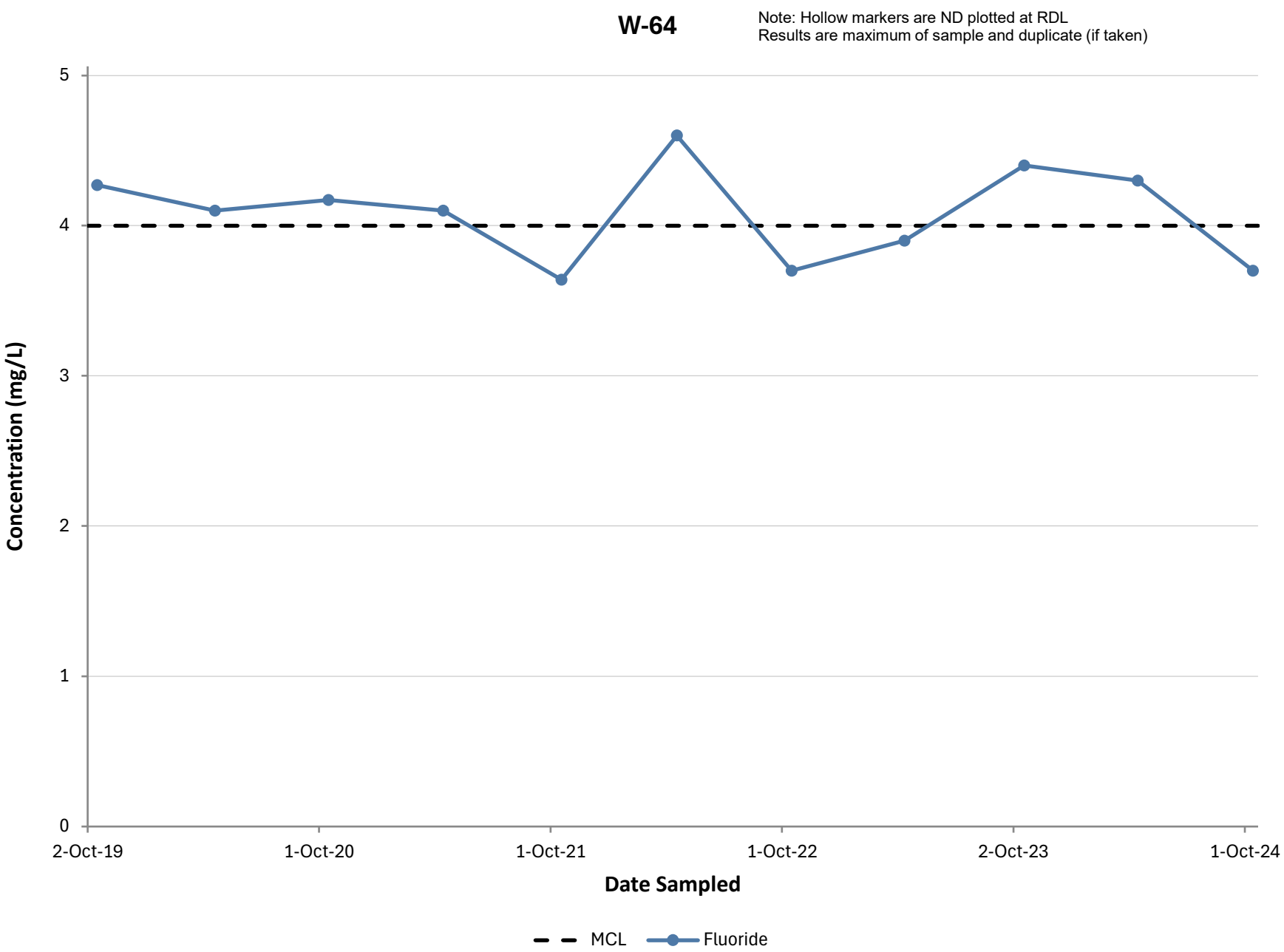
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-63

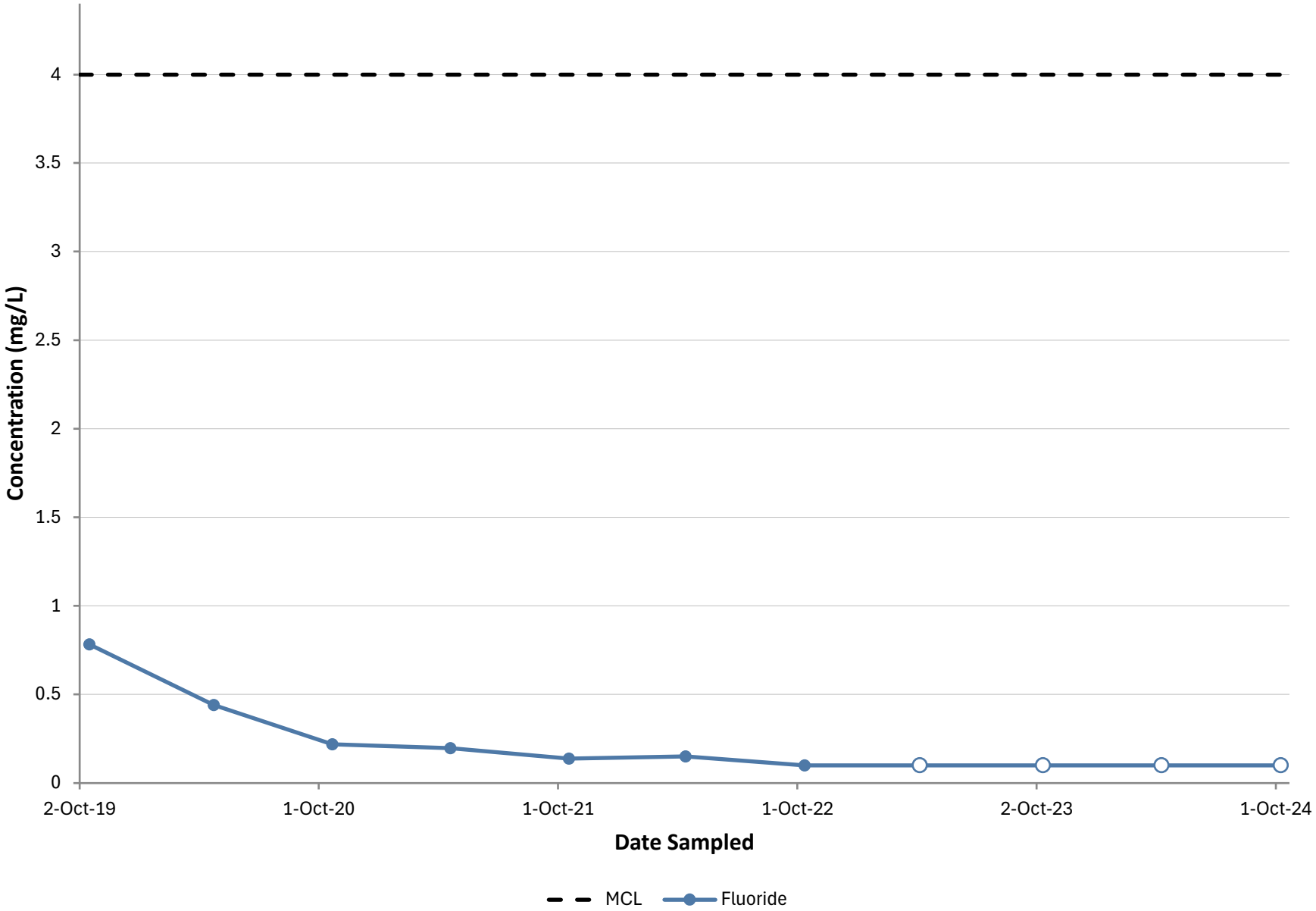
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-64
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
5
4
3
2
1
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

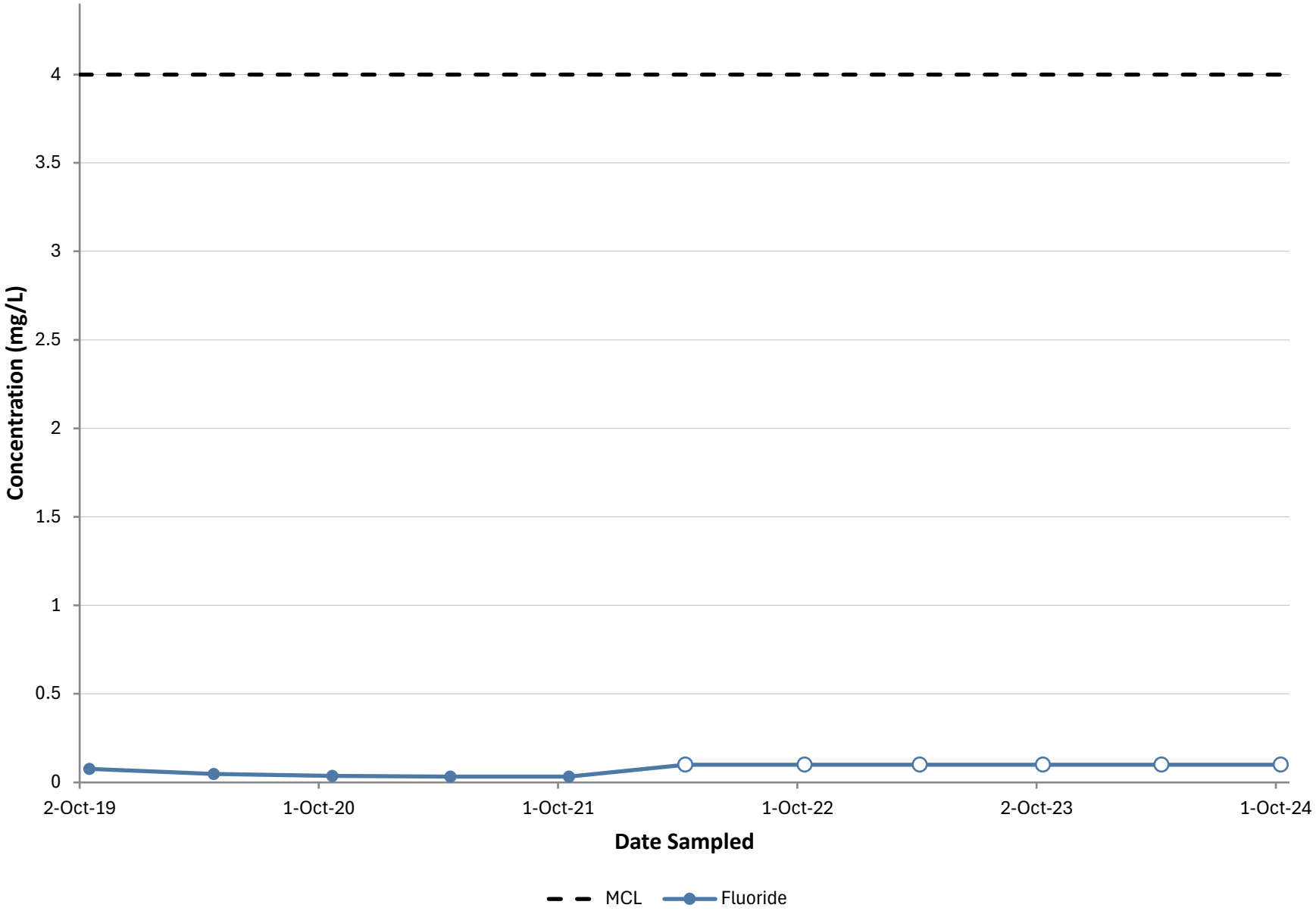
W-65

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



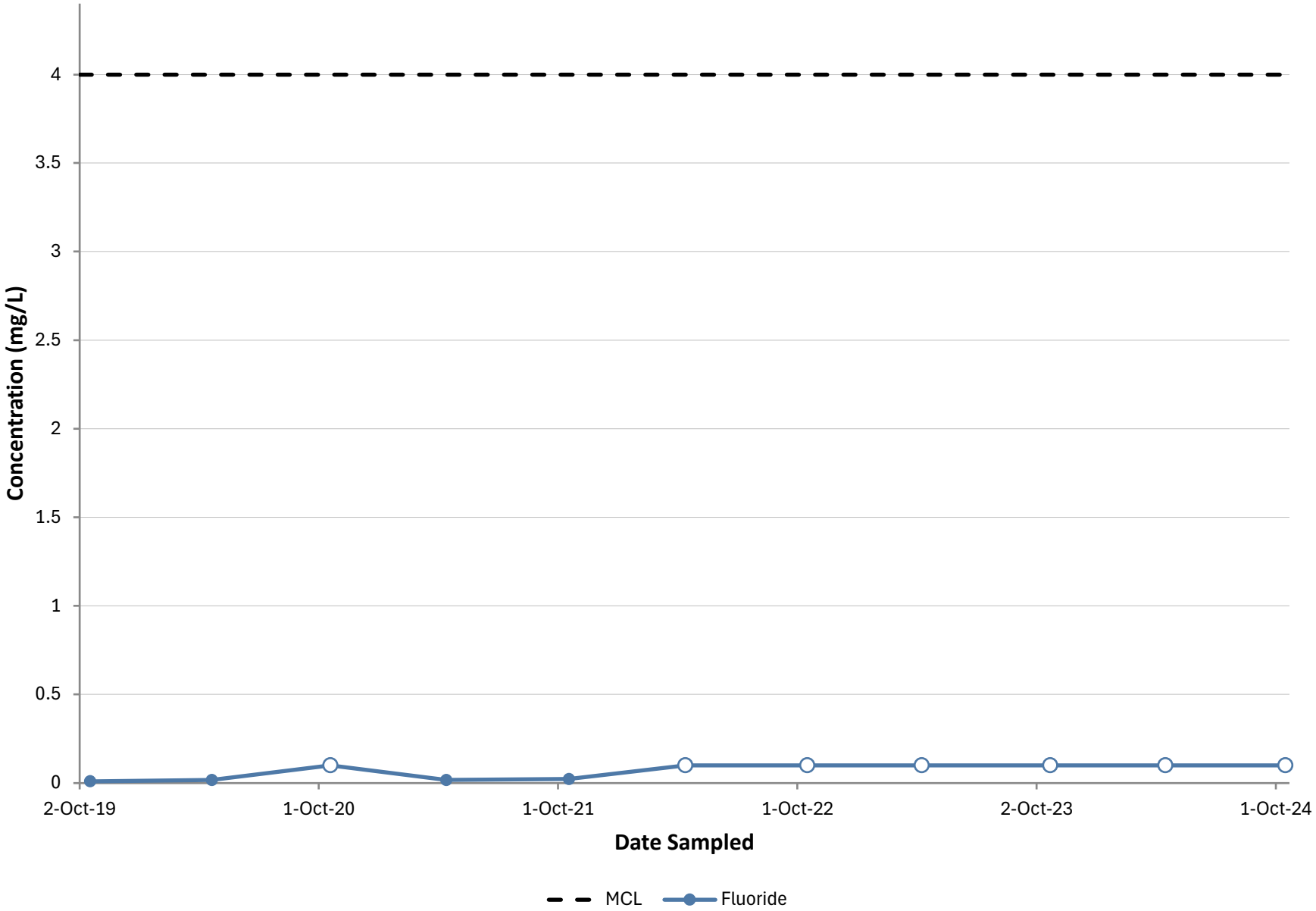
W-66

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



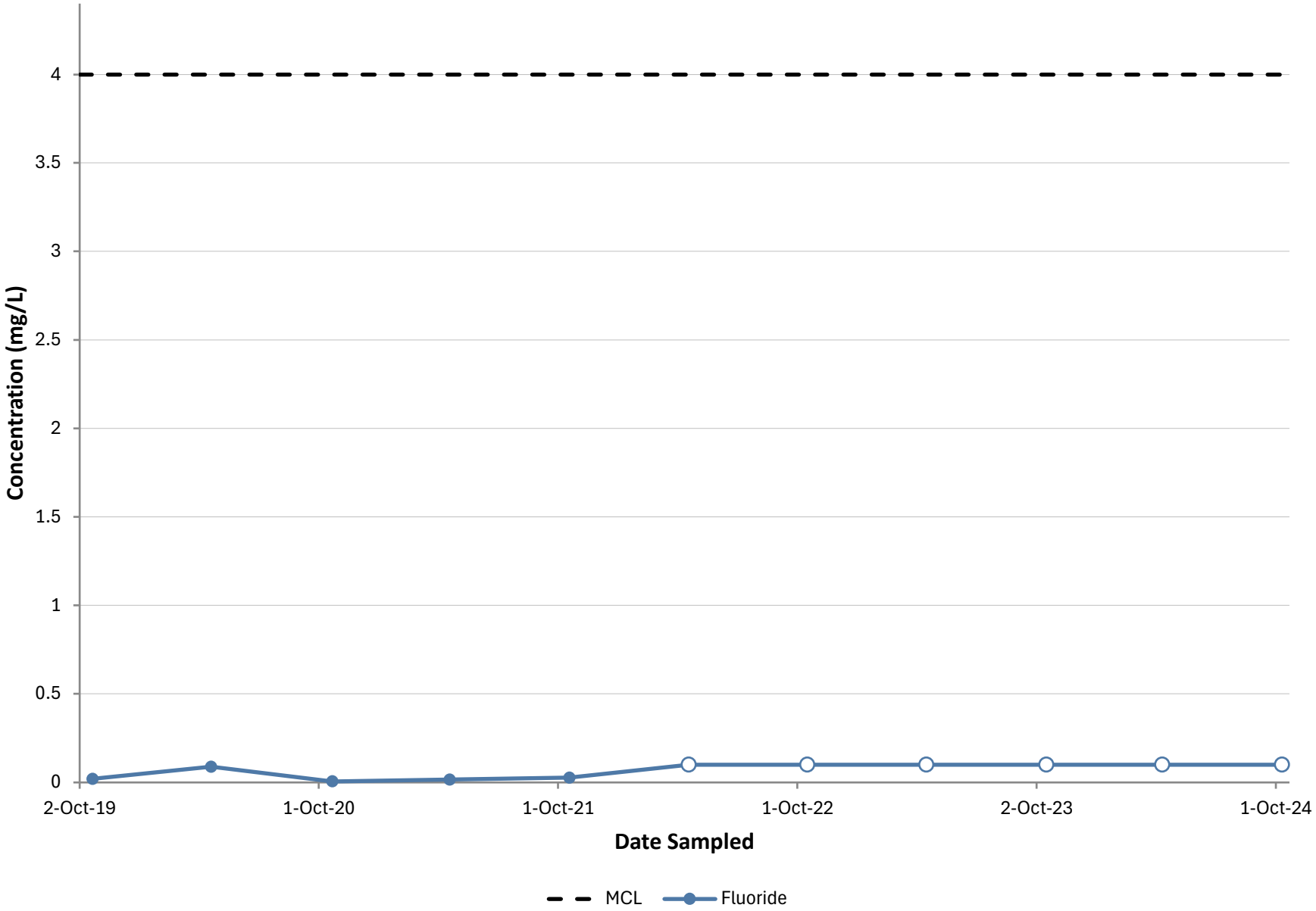
W-67

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



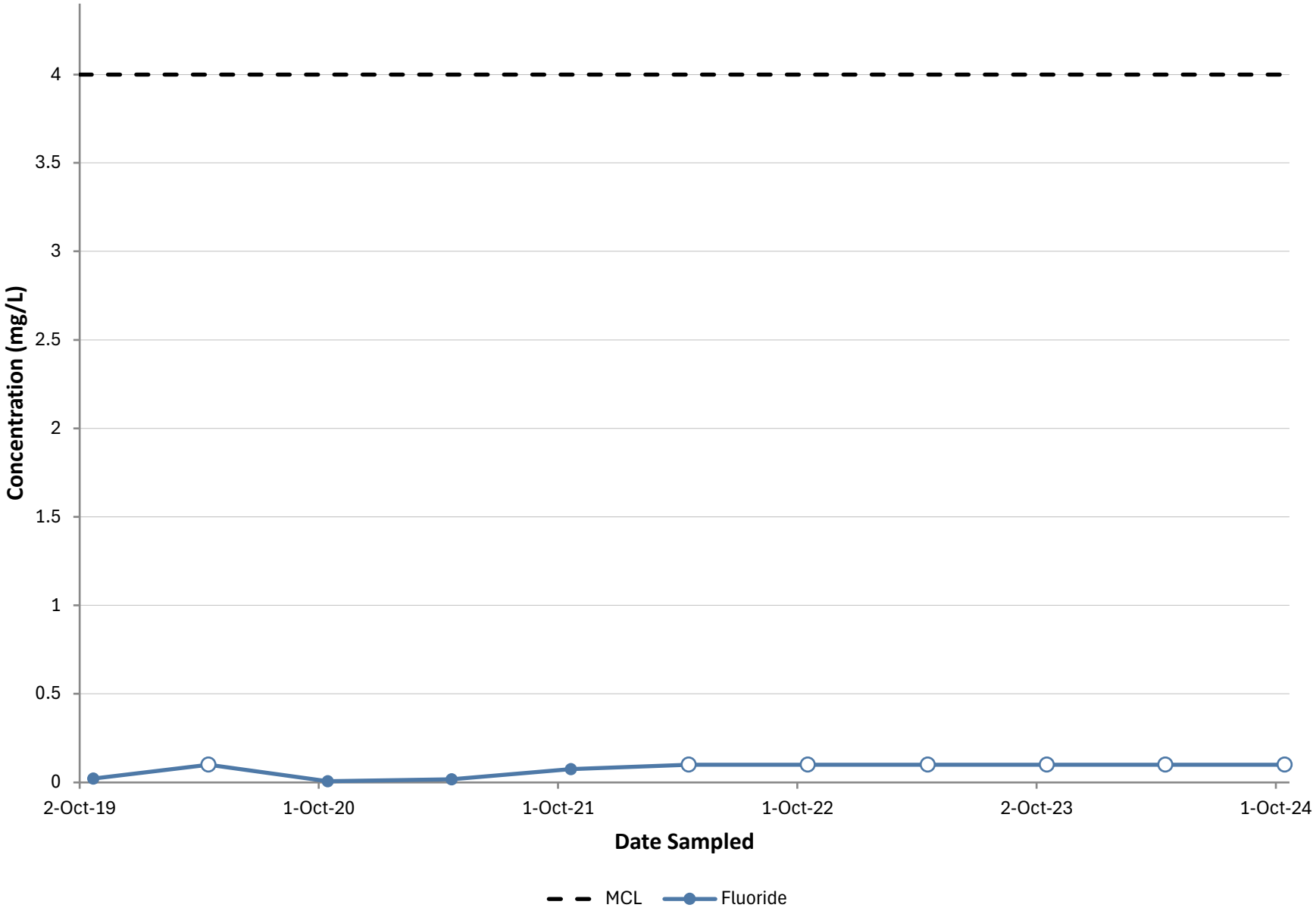
W-68

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



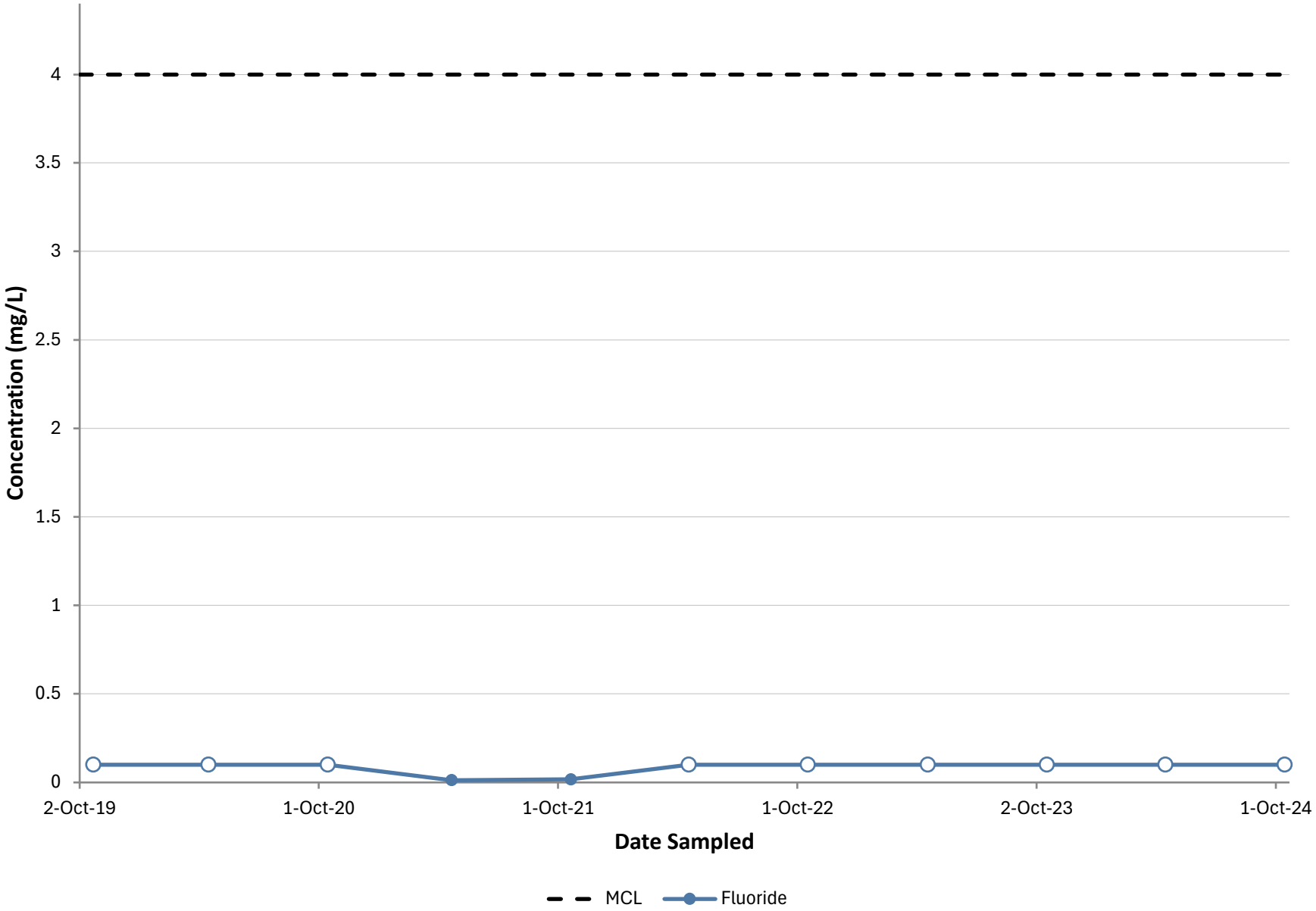
W-69

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



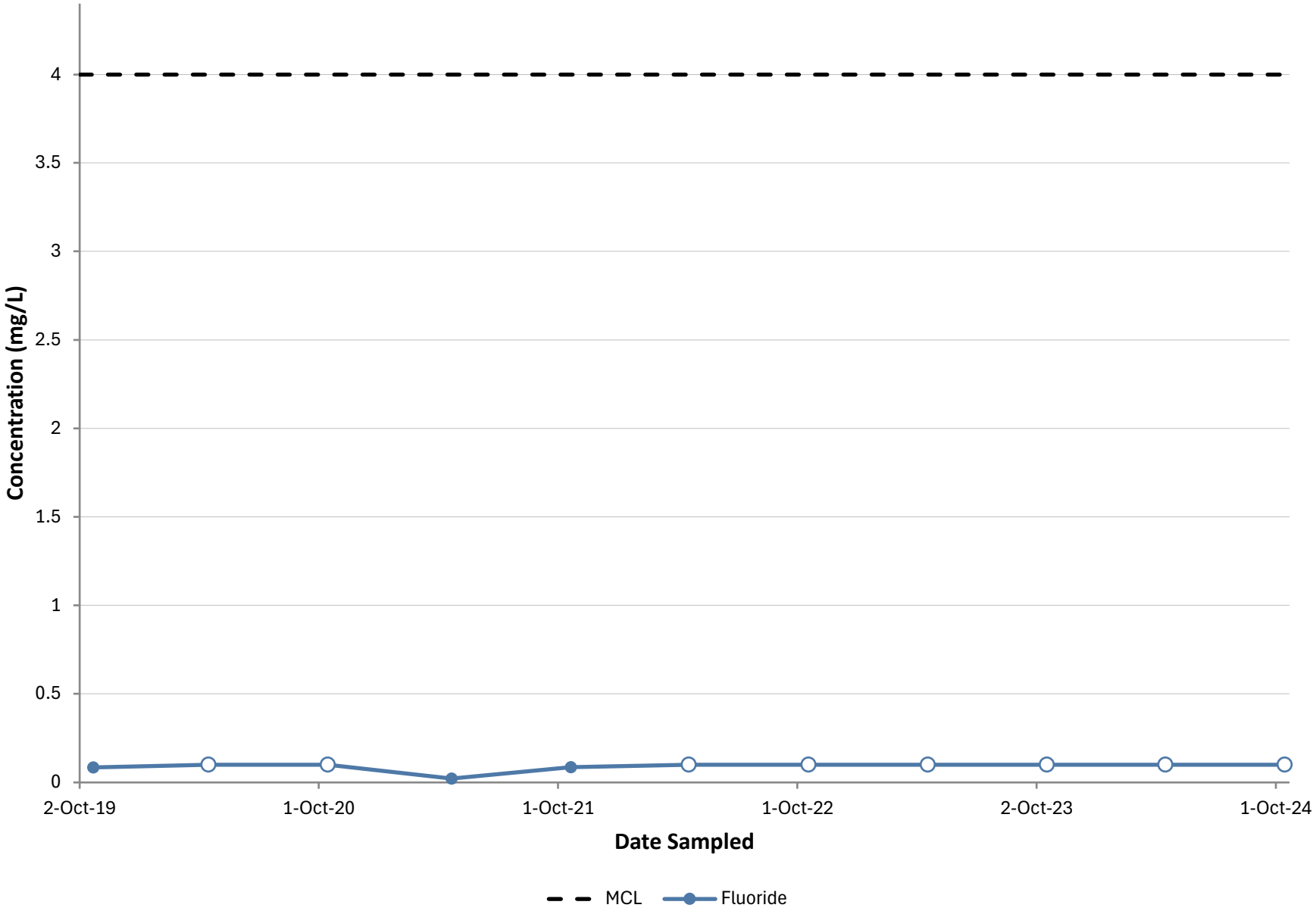
W-70

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



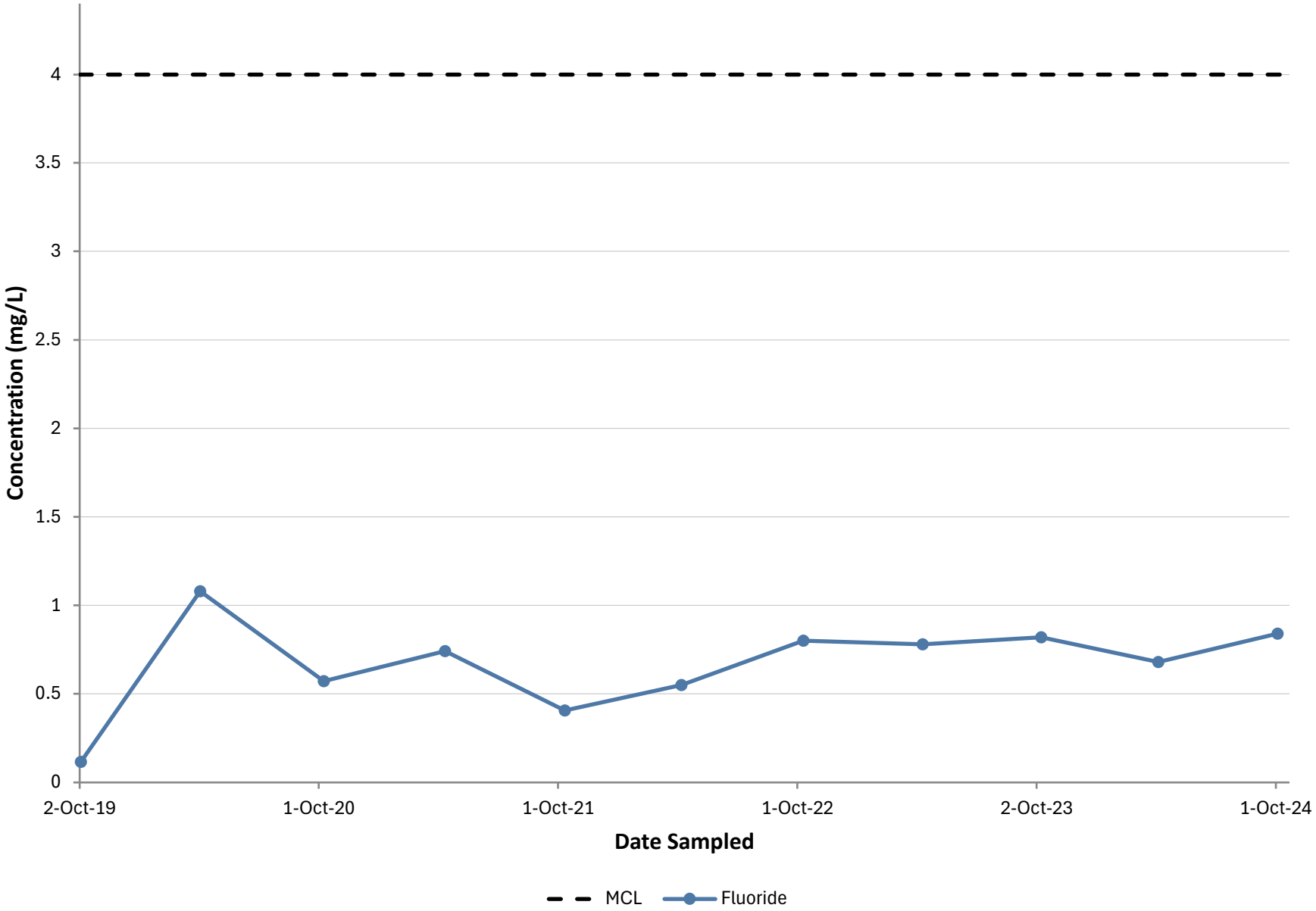
W-71

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



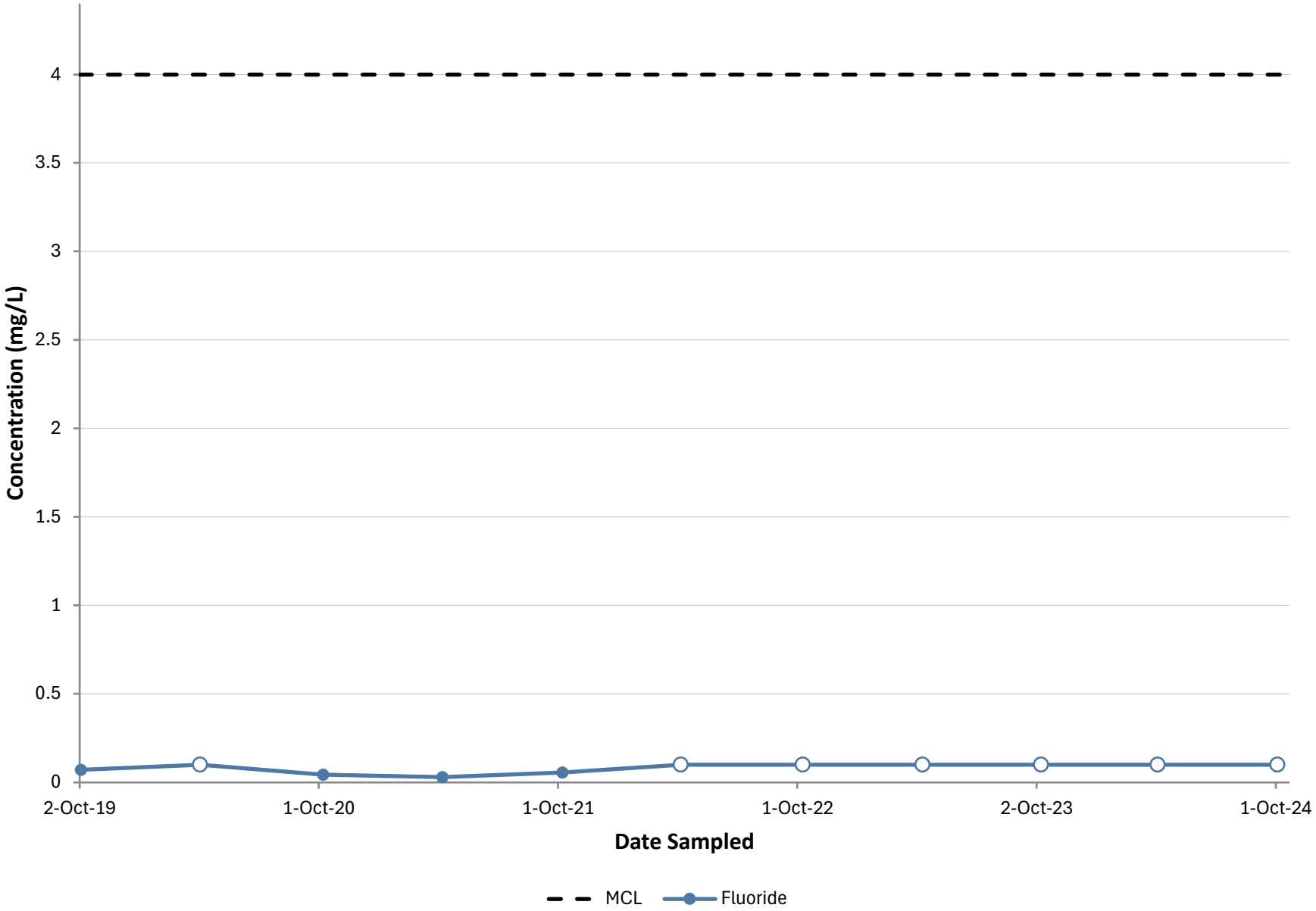
W-72

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



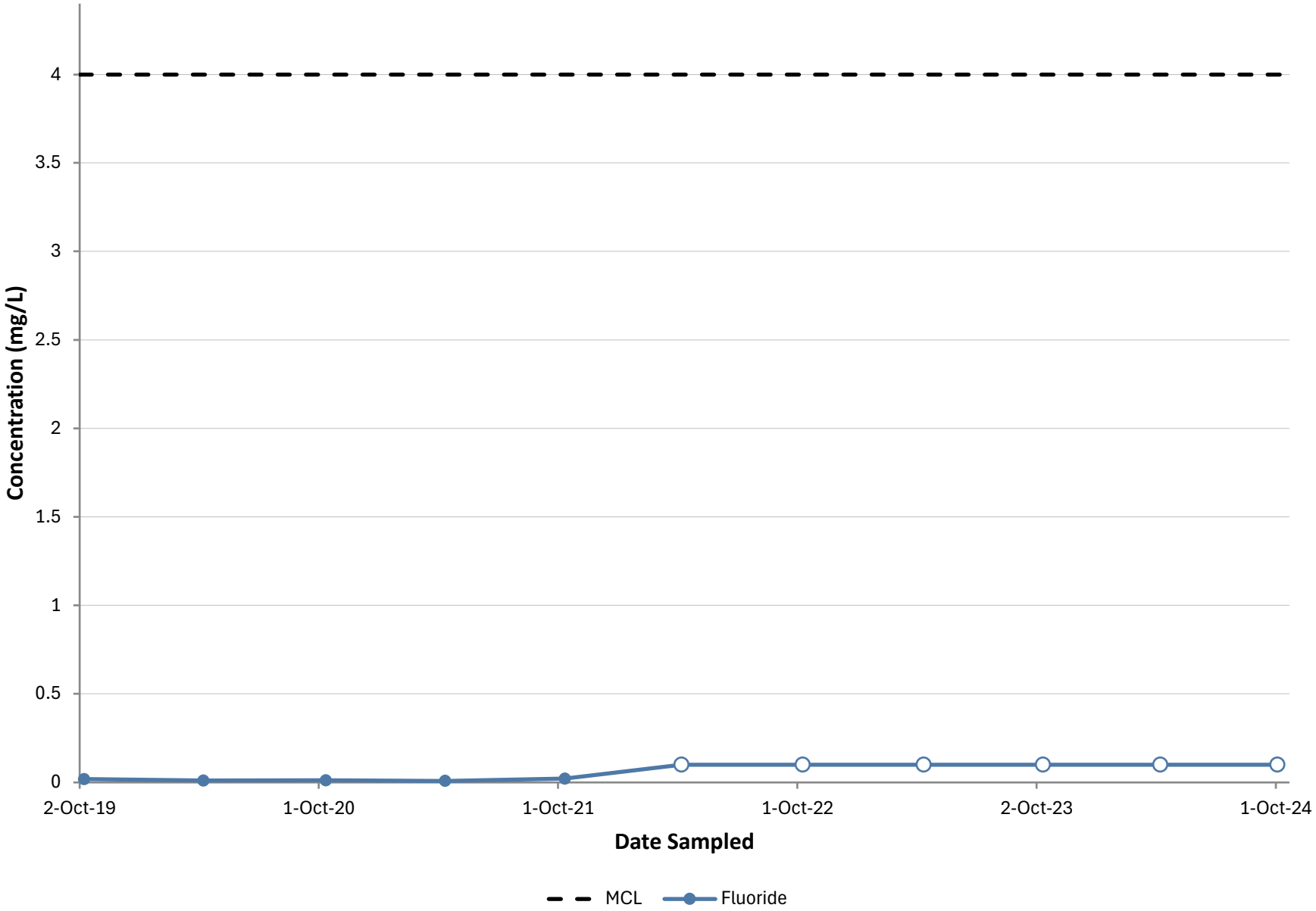
W-73

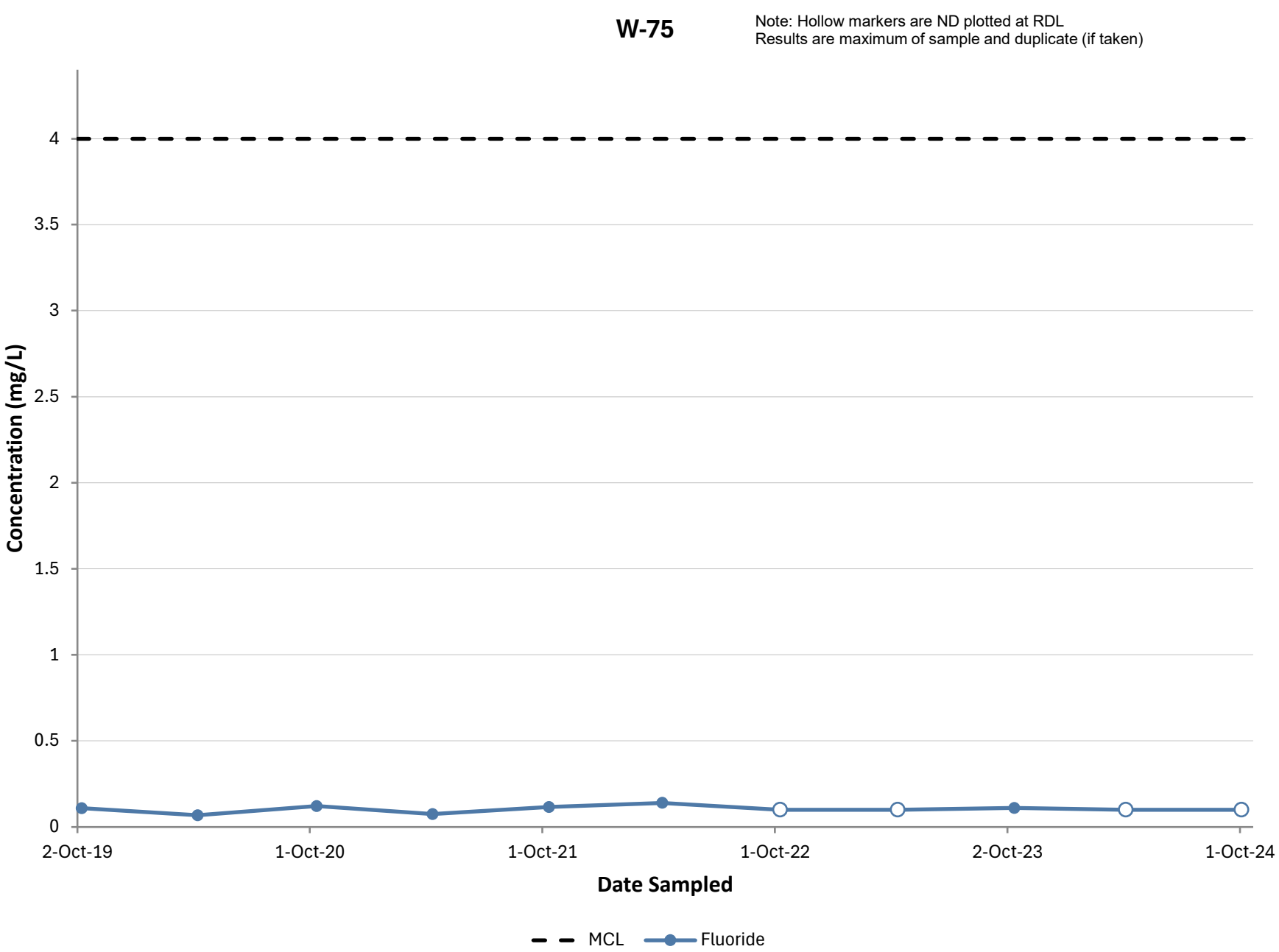
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-74

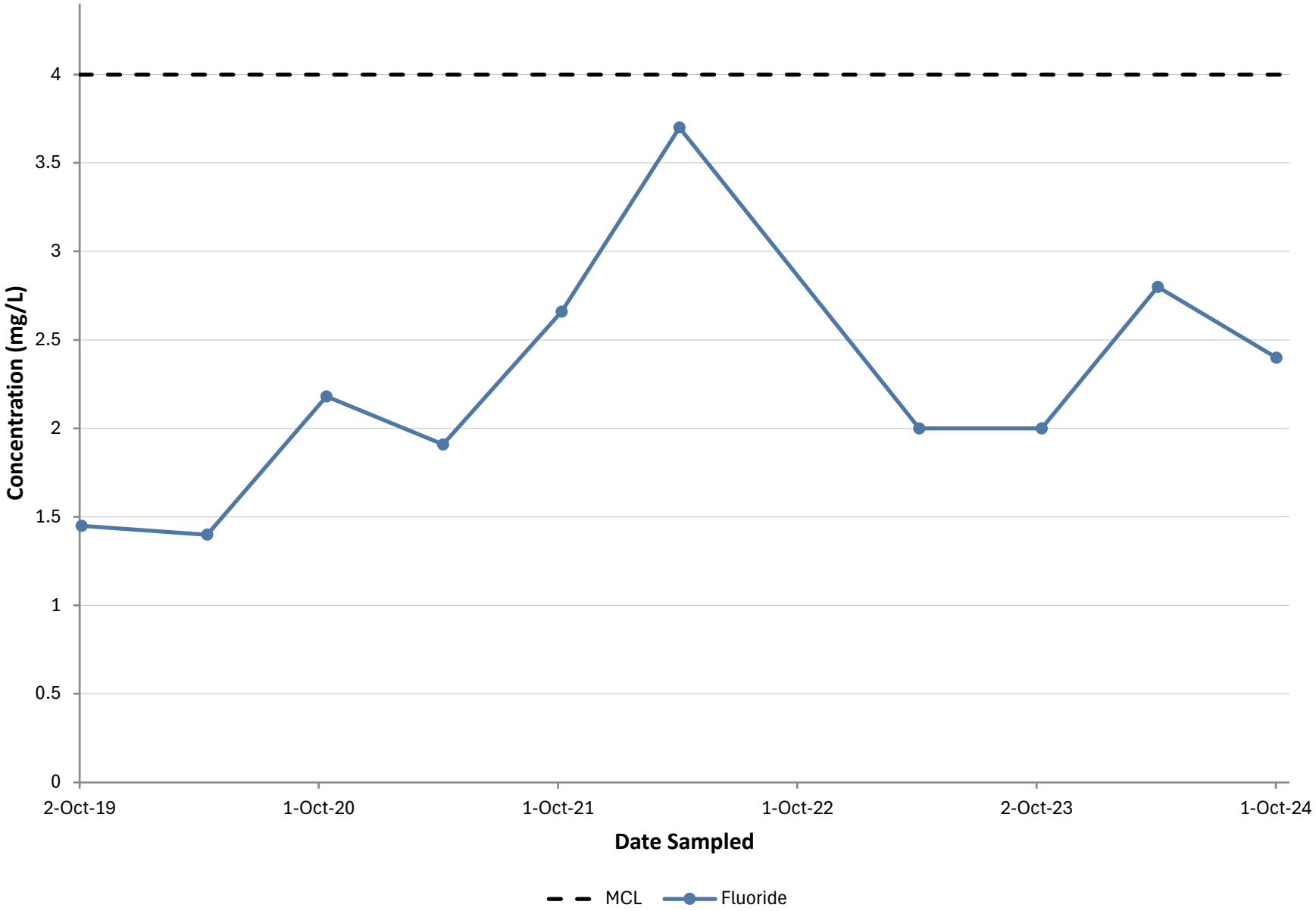
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

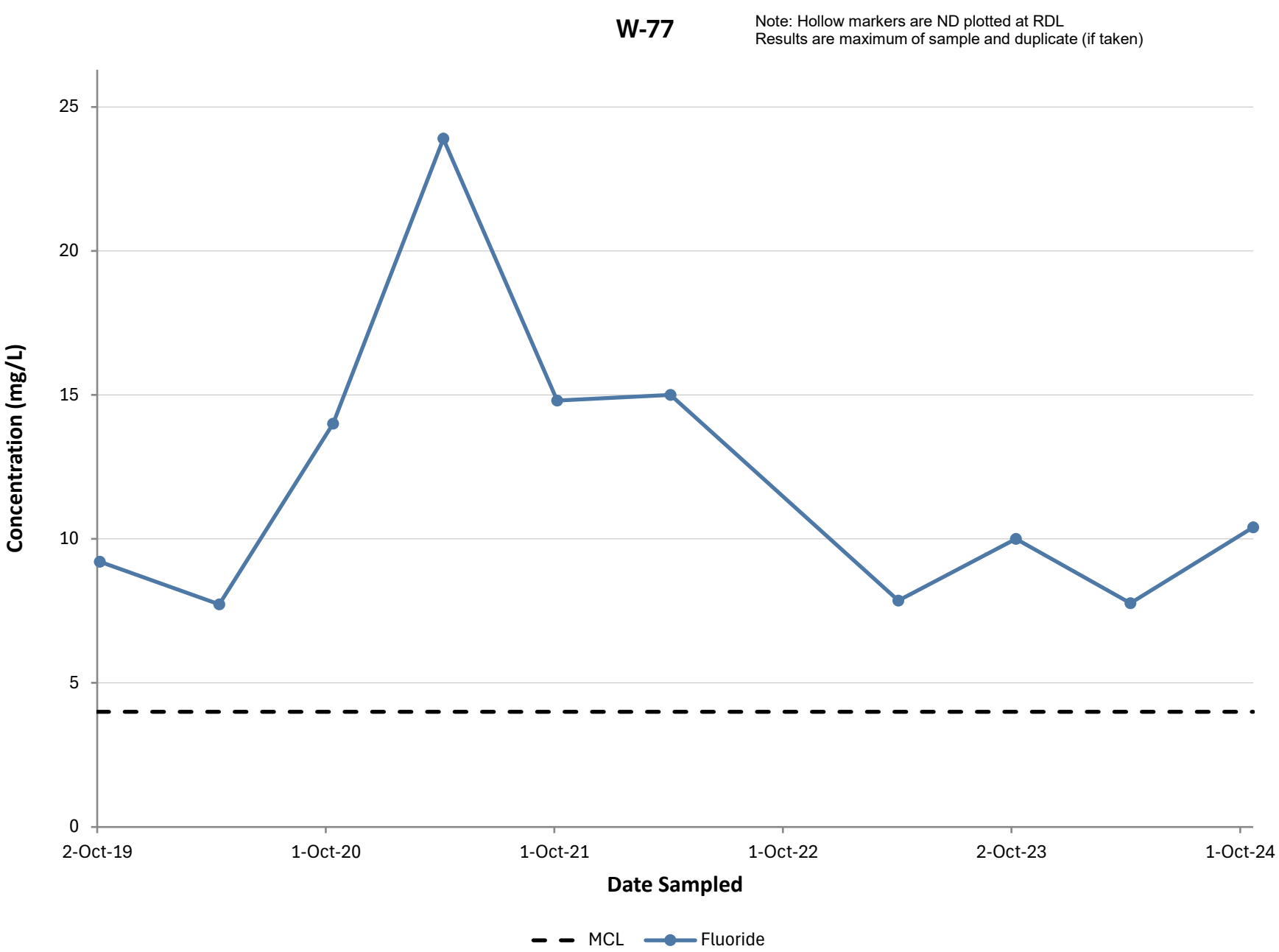


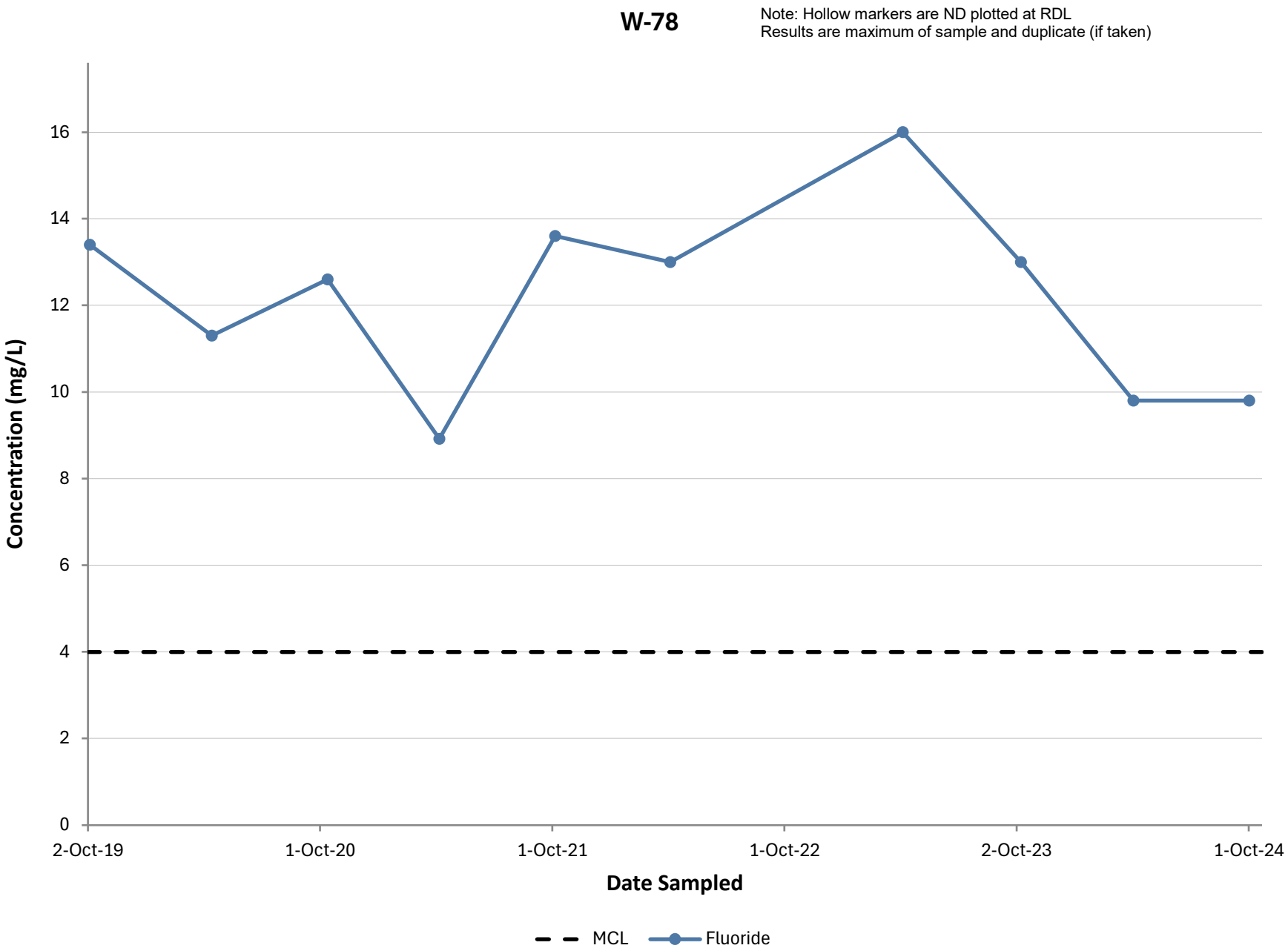

W-75
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

W-76

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

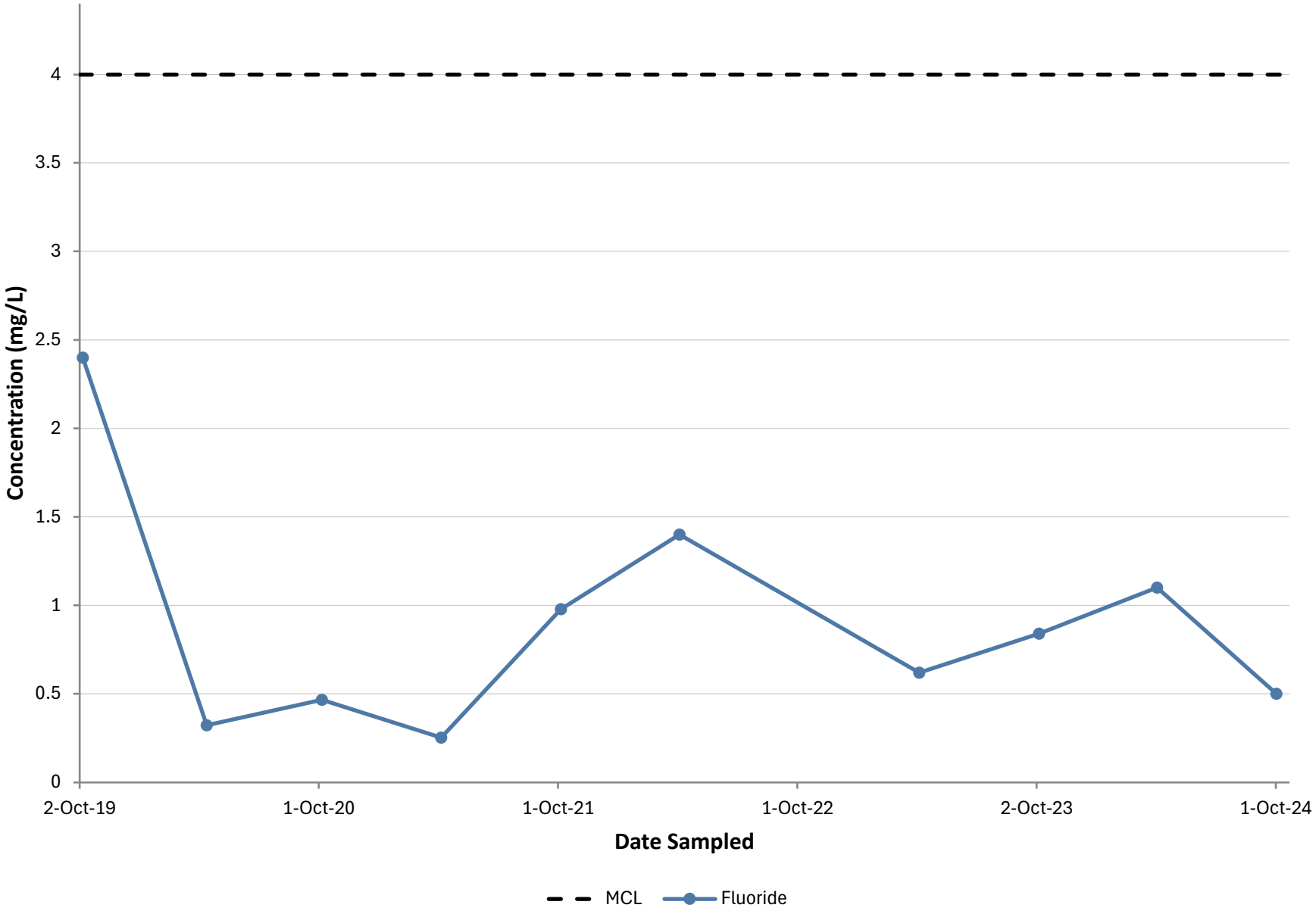



W-77
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
25
20
15
10
5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride


W-78
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

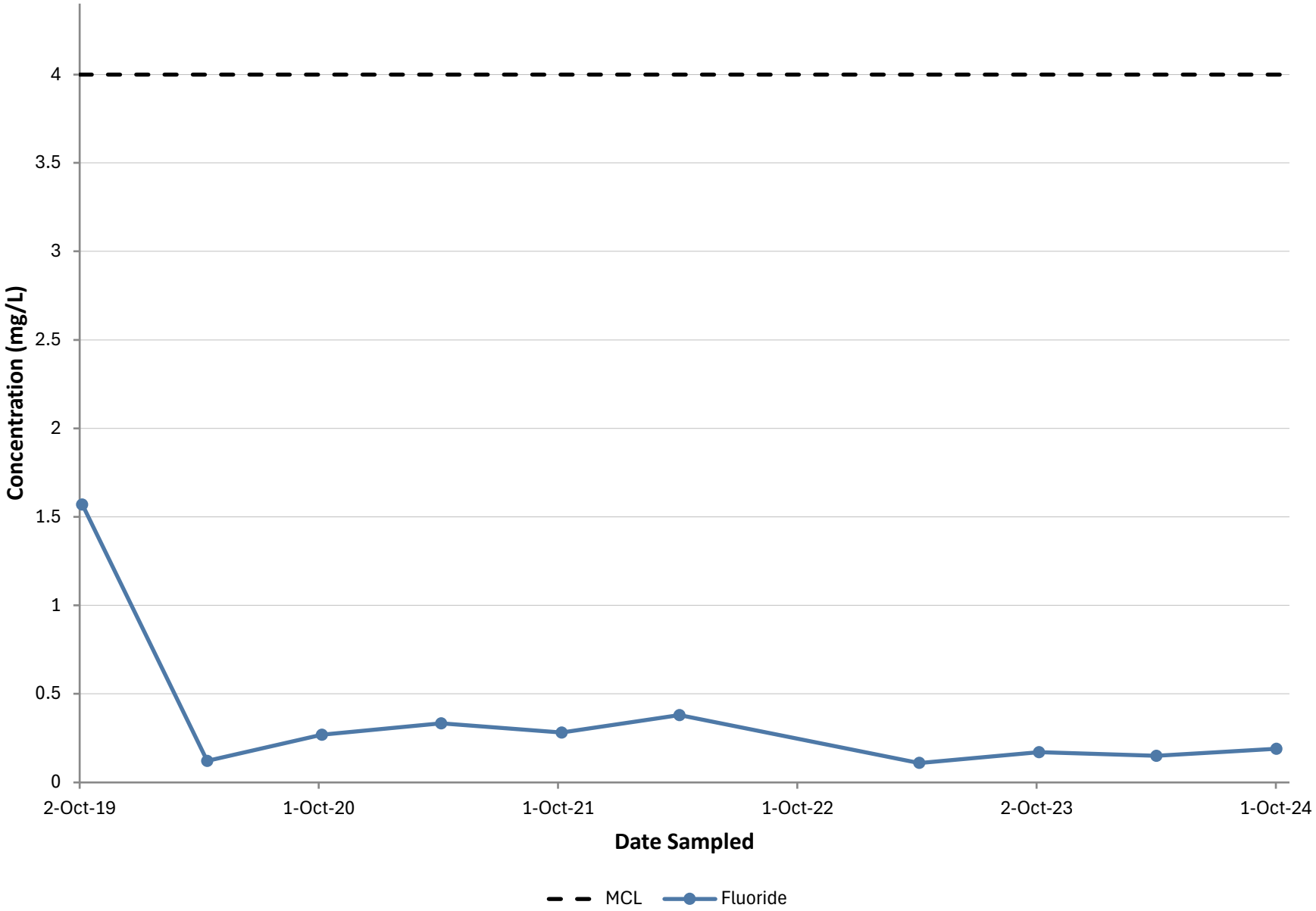
W-79

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



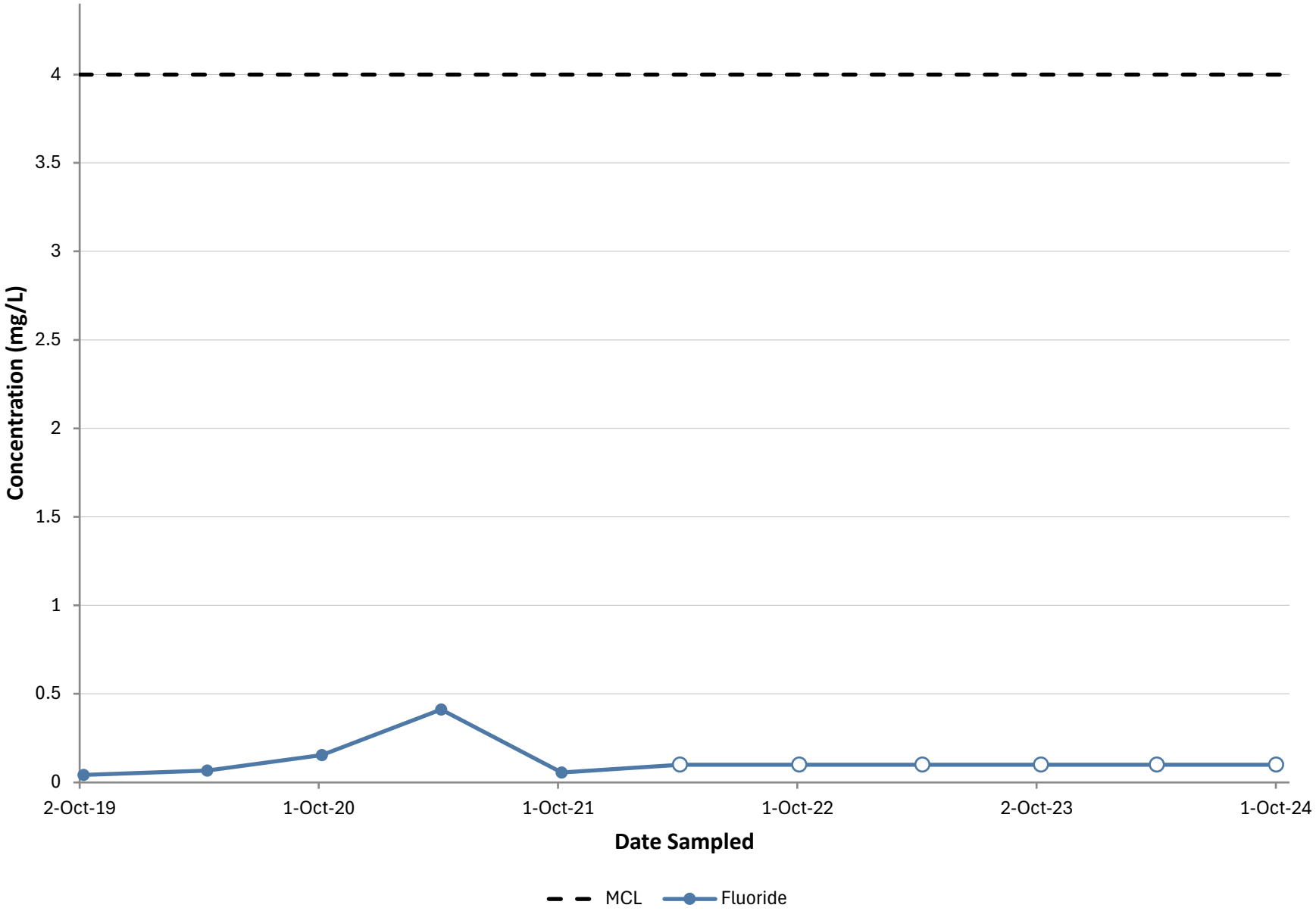
W-80

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



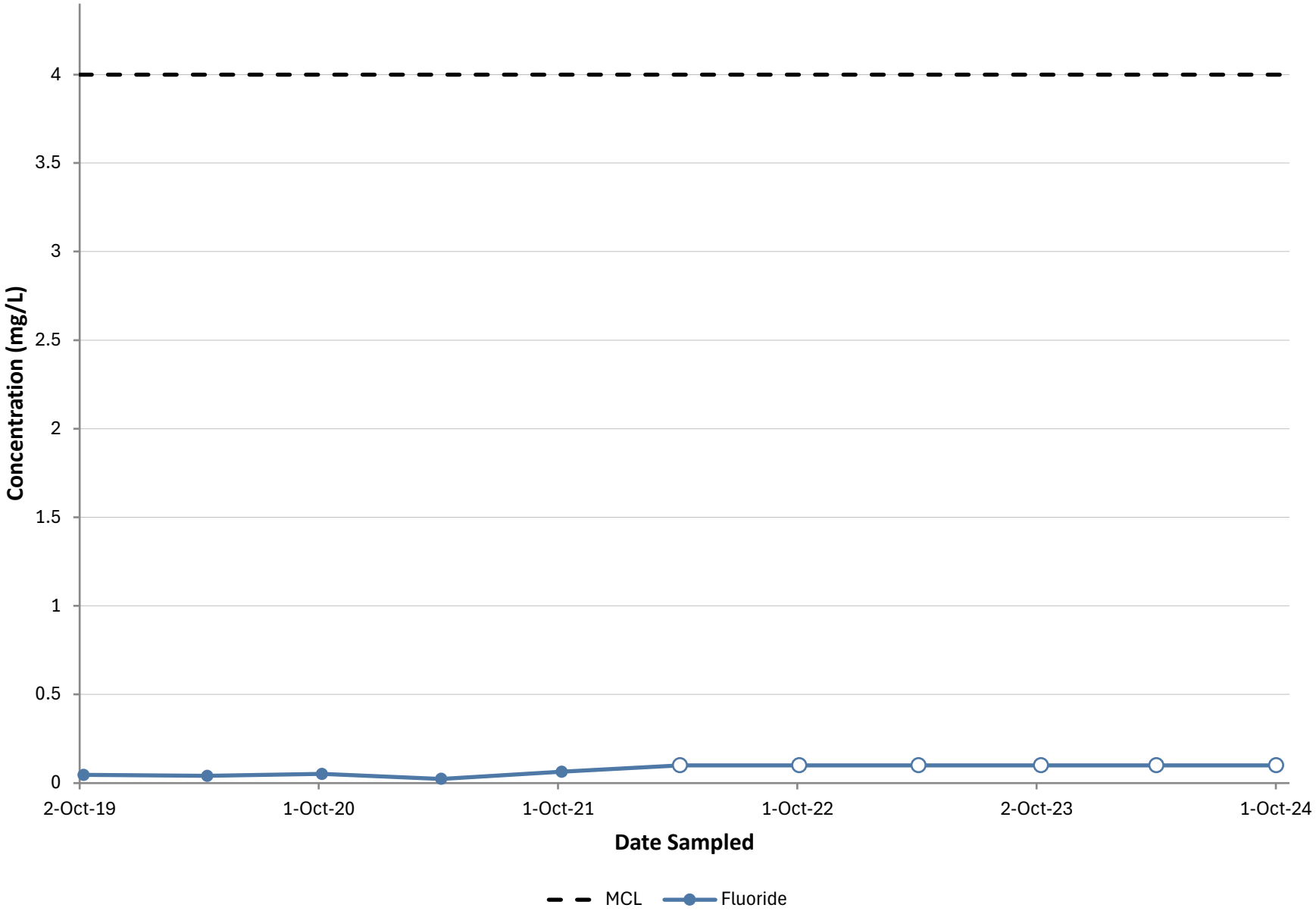
W-81

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



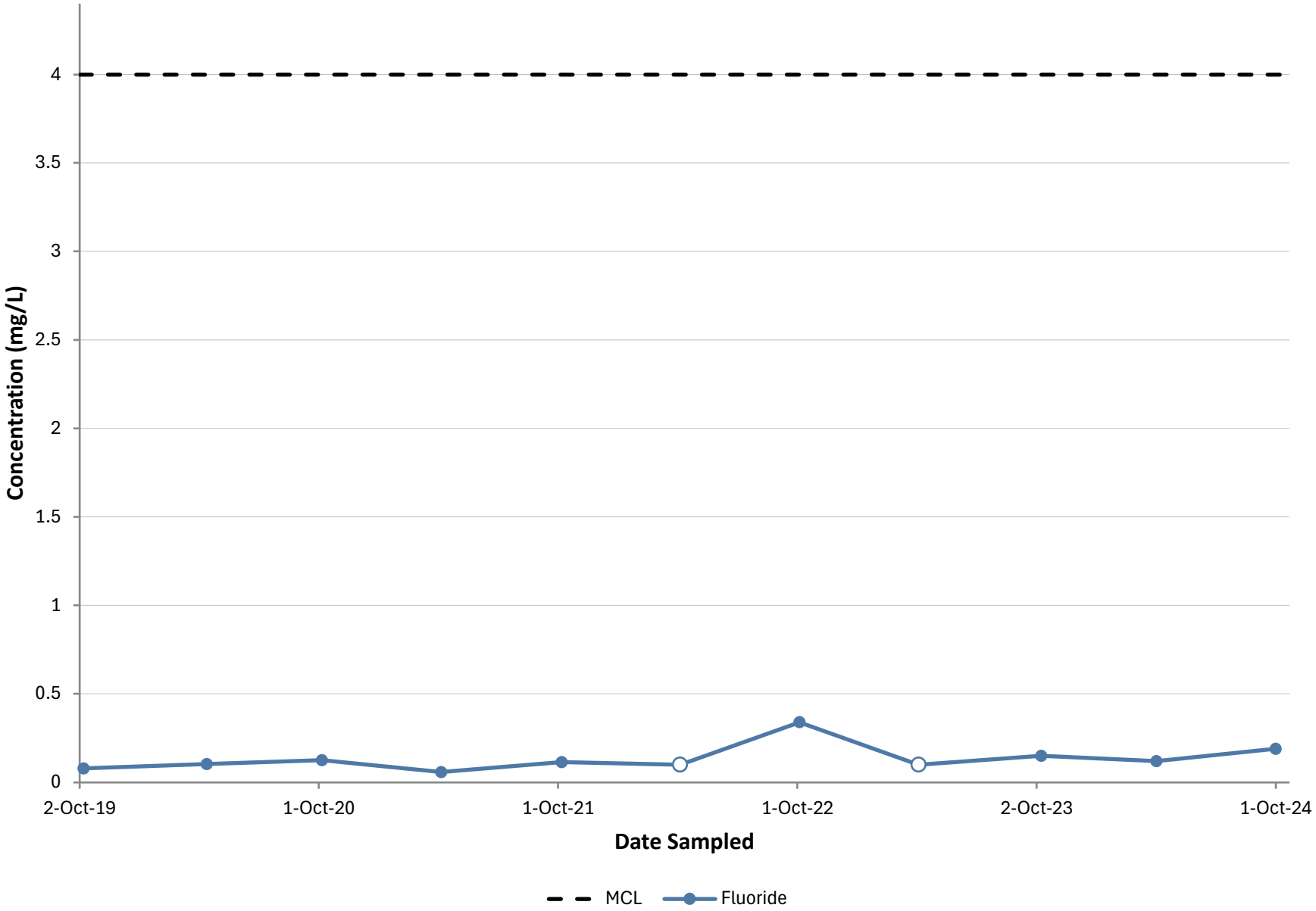
W-82

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



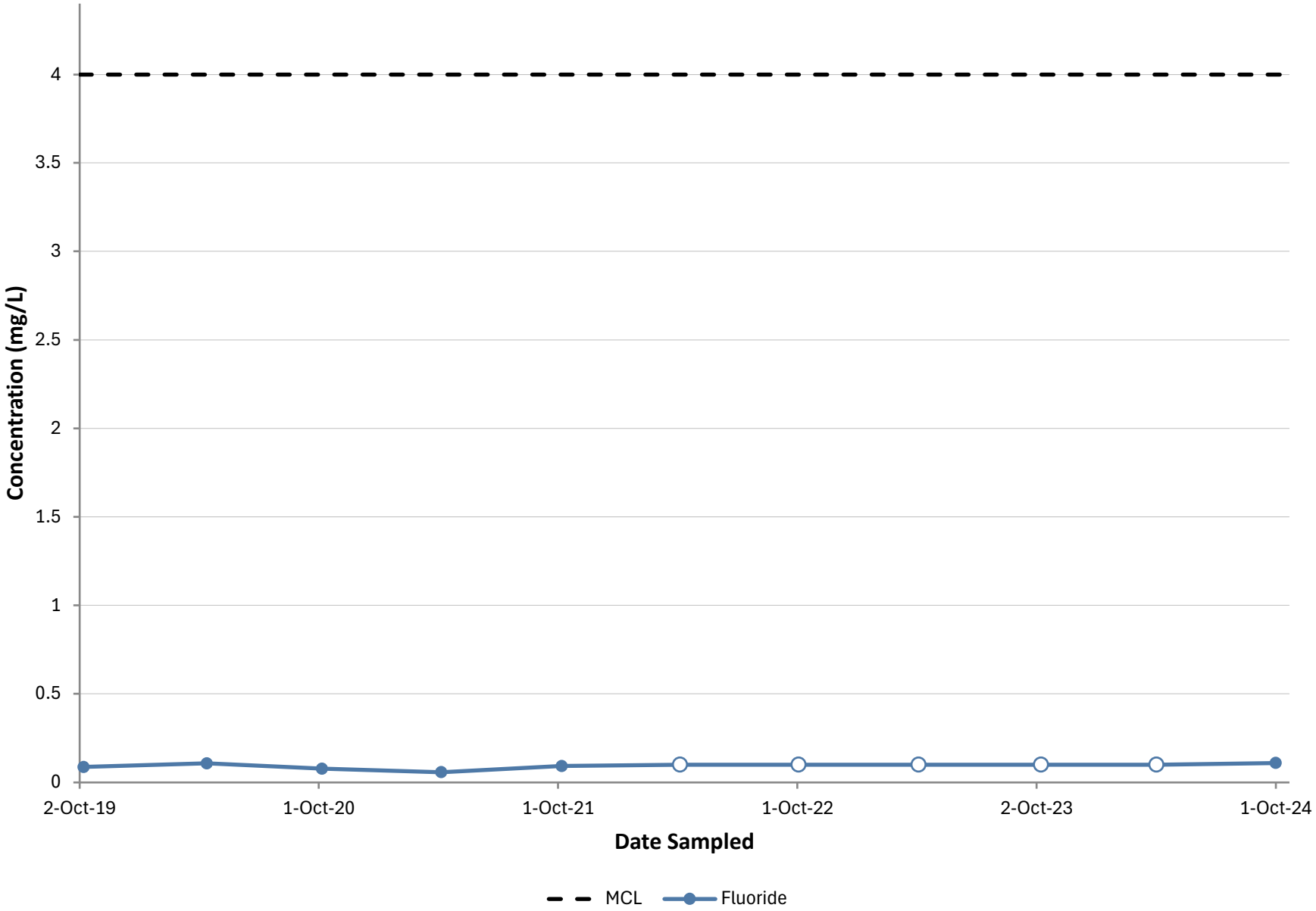
W-83

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



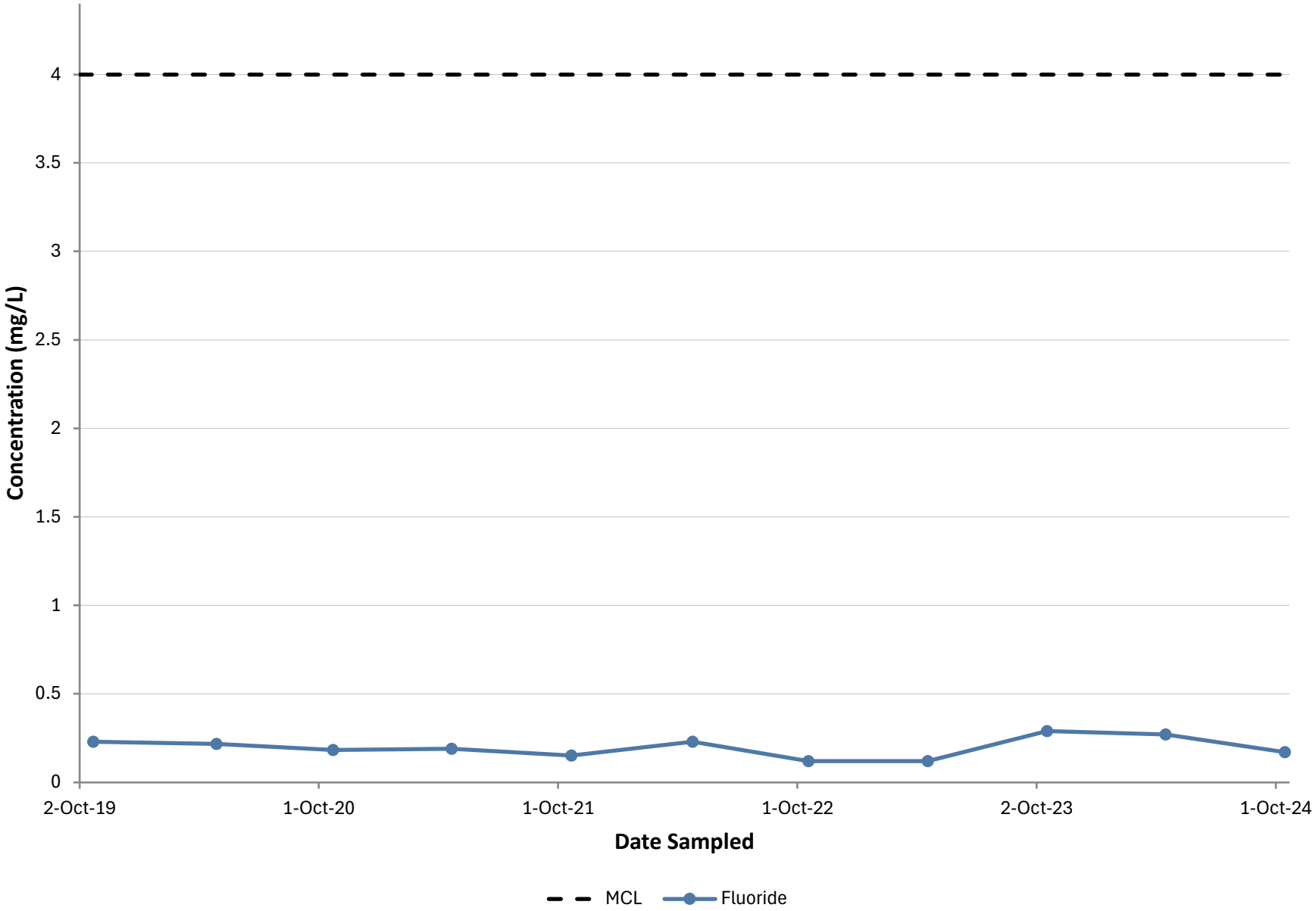
W-84

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



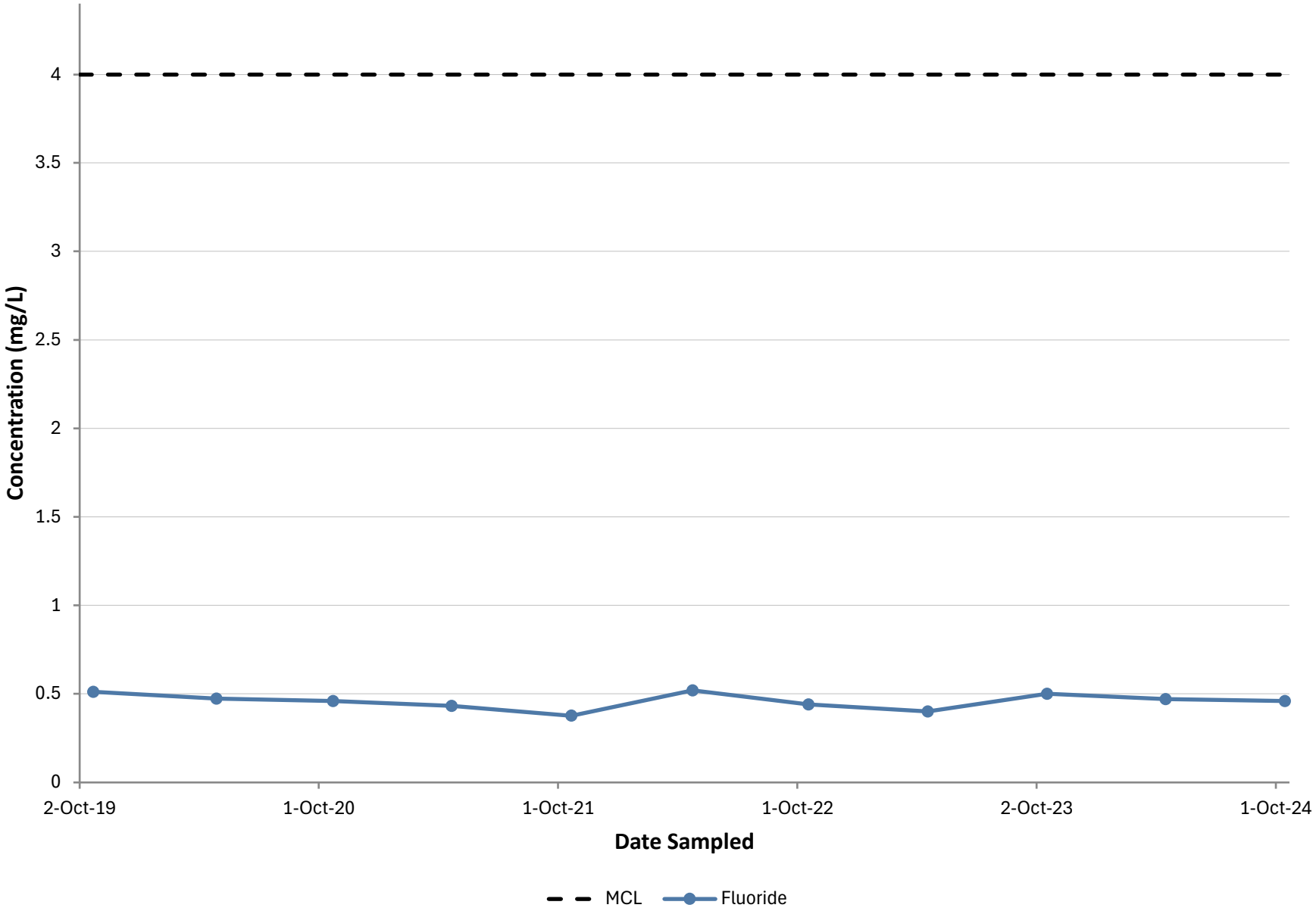
W-85

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



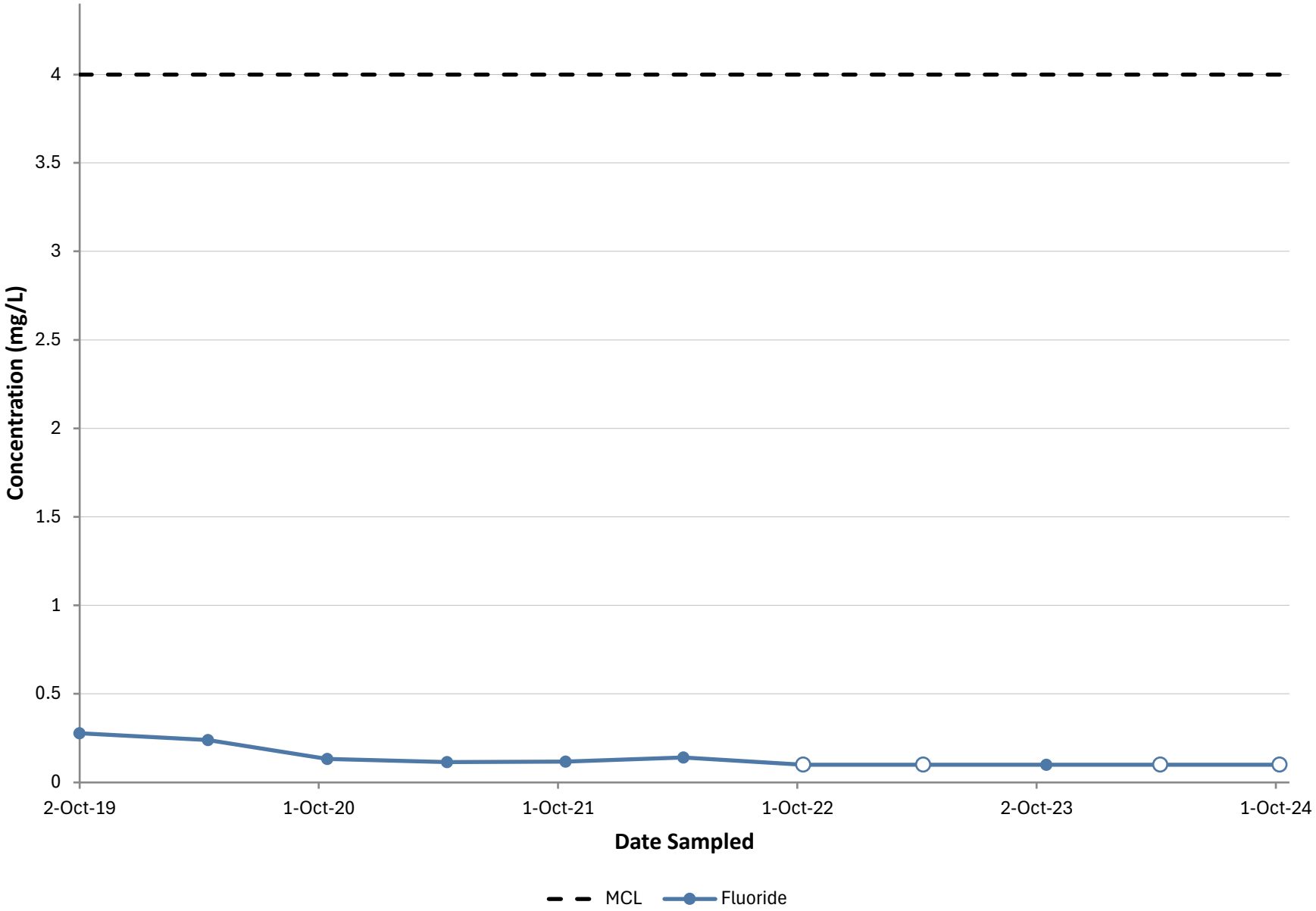
W-86

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



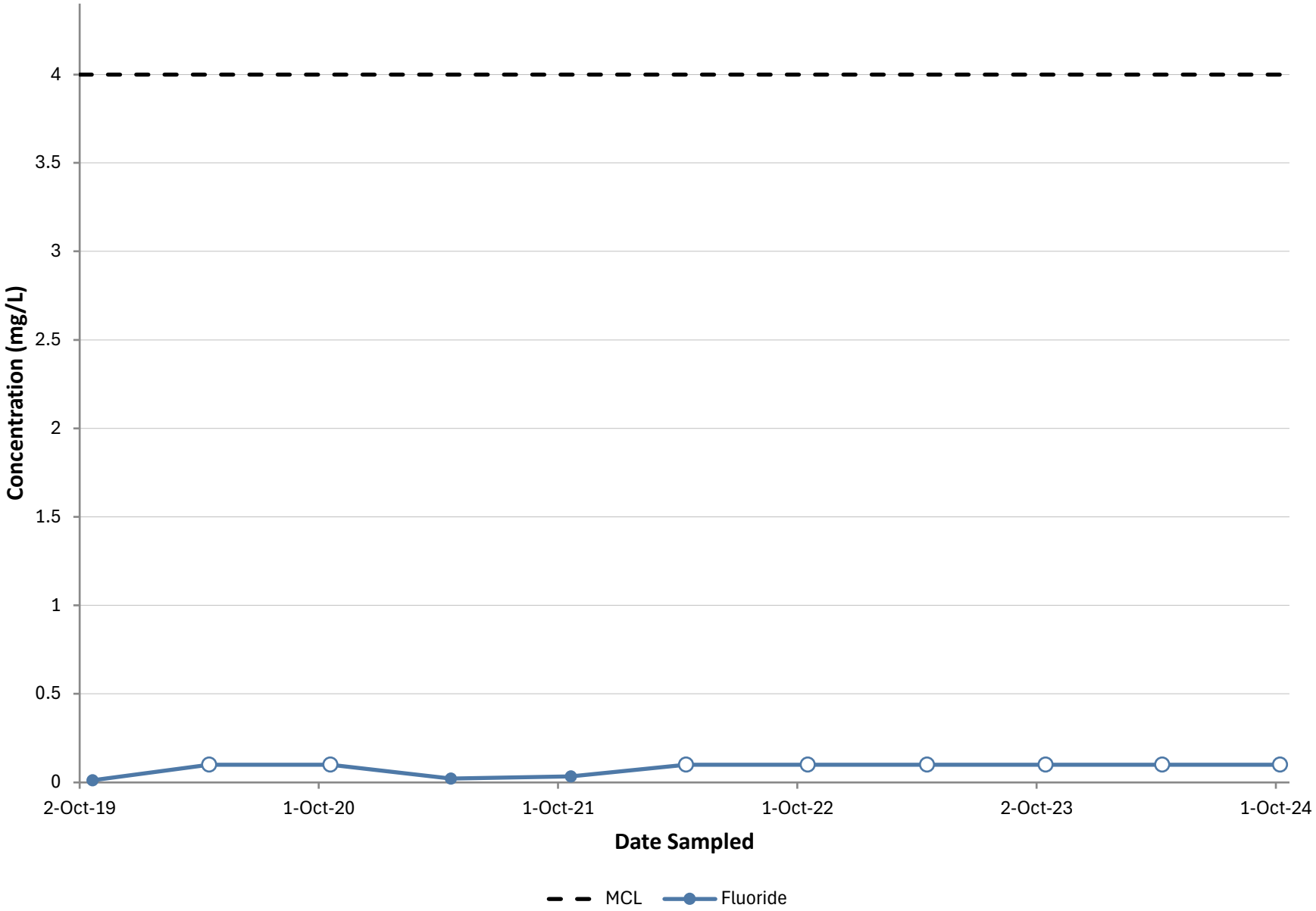
W-87

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



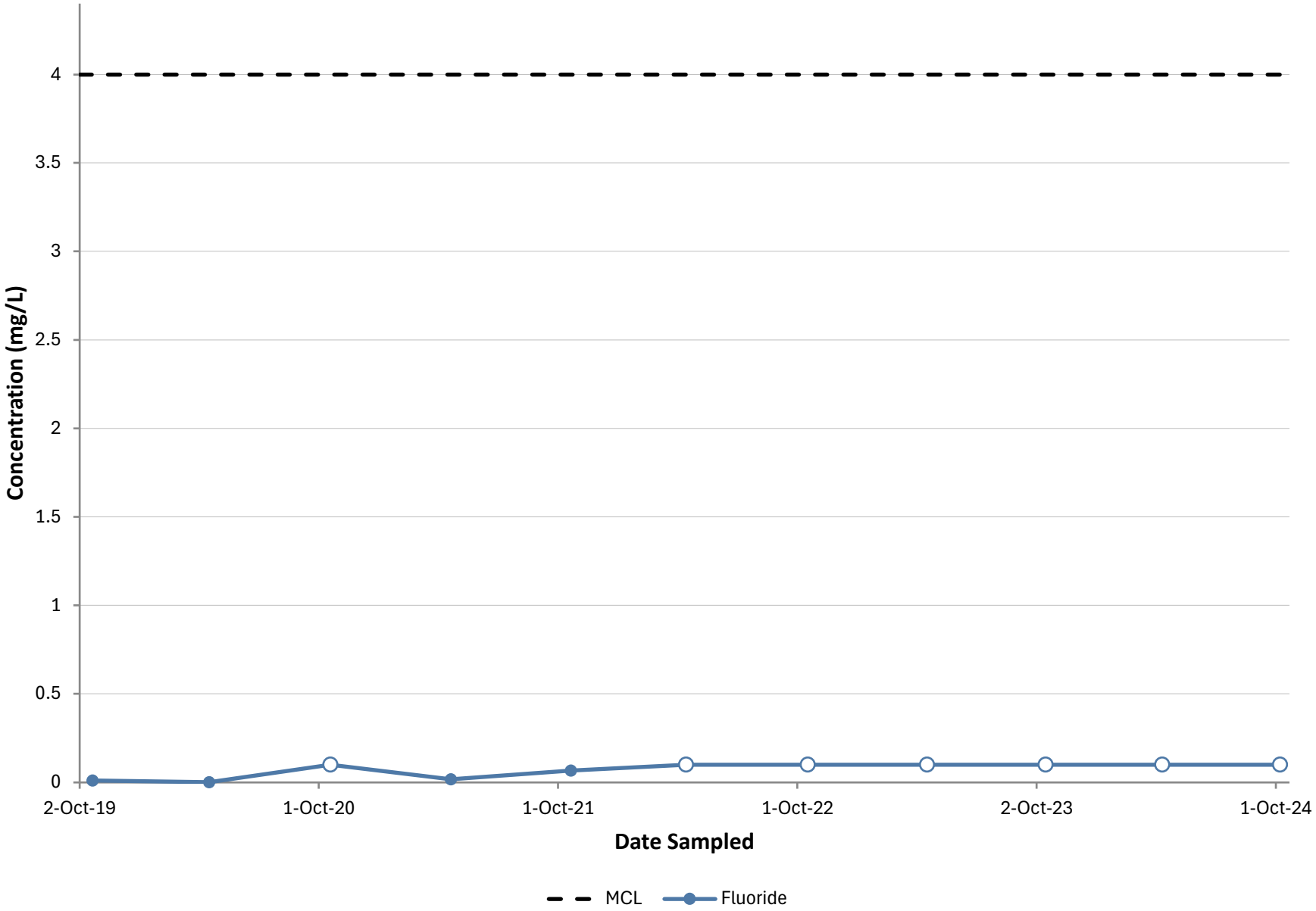
W-88

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



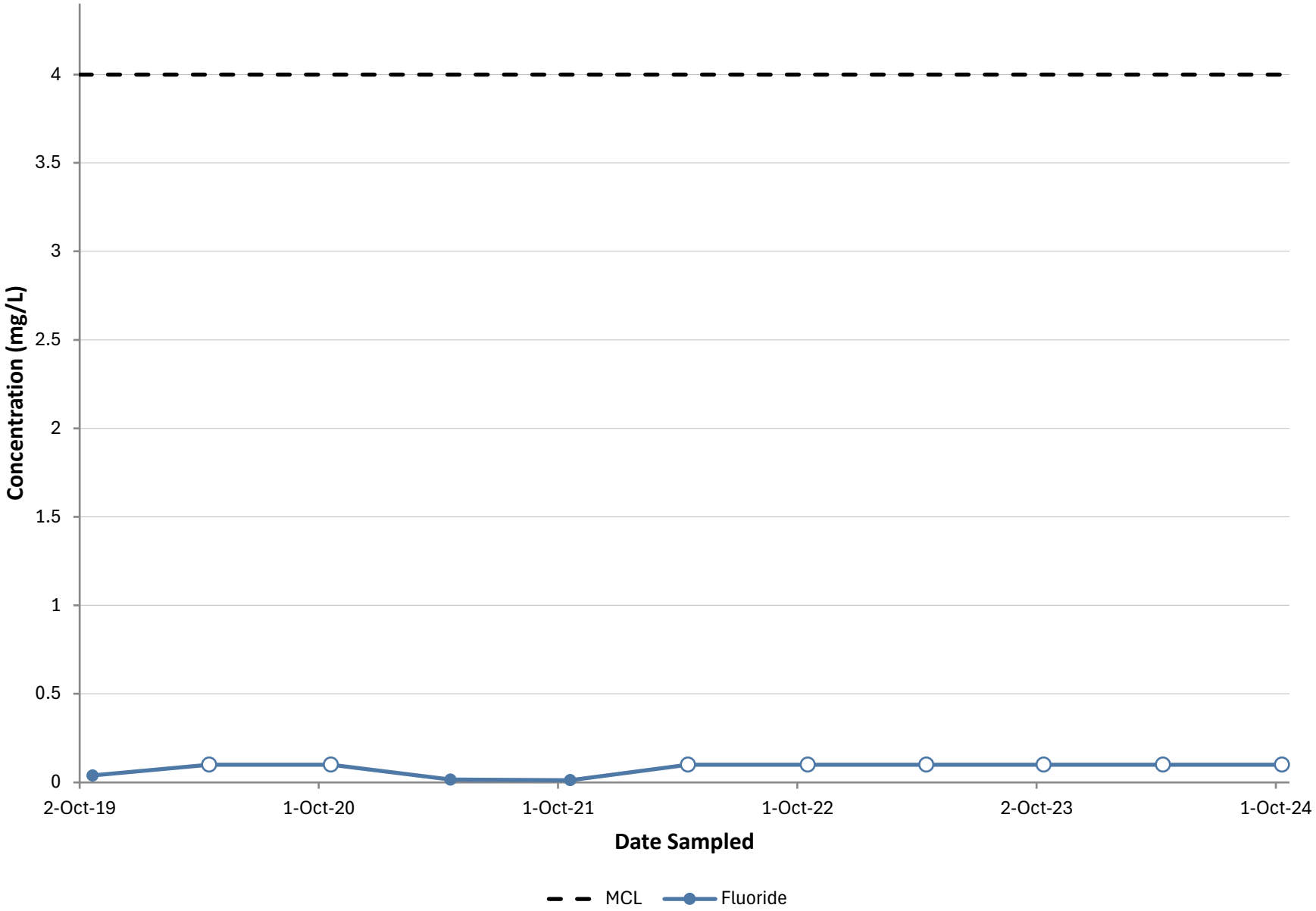
W-89

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



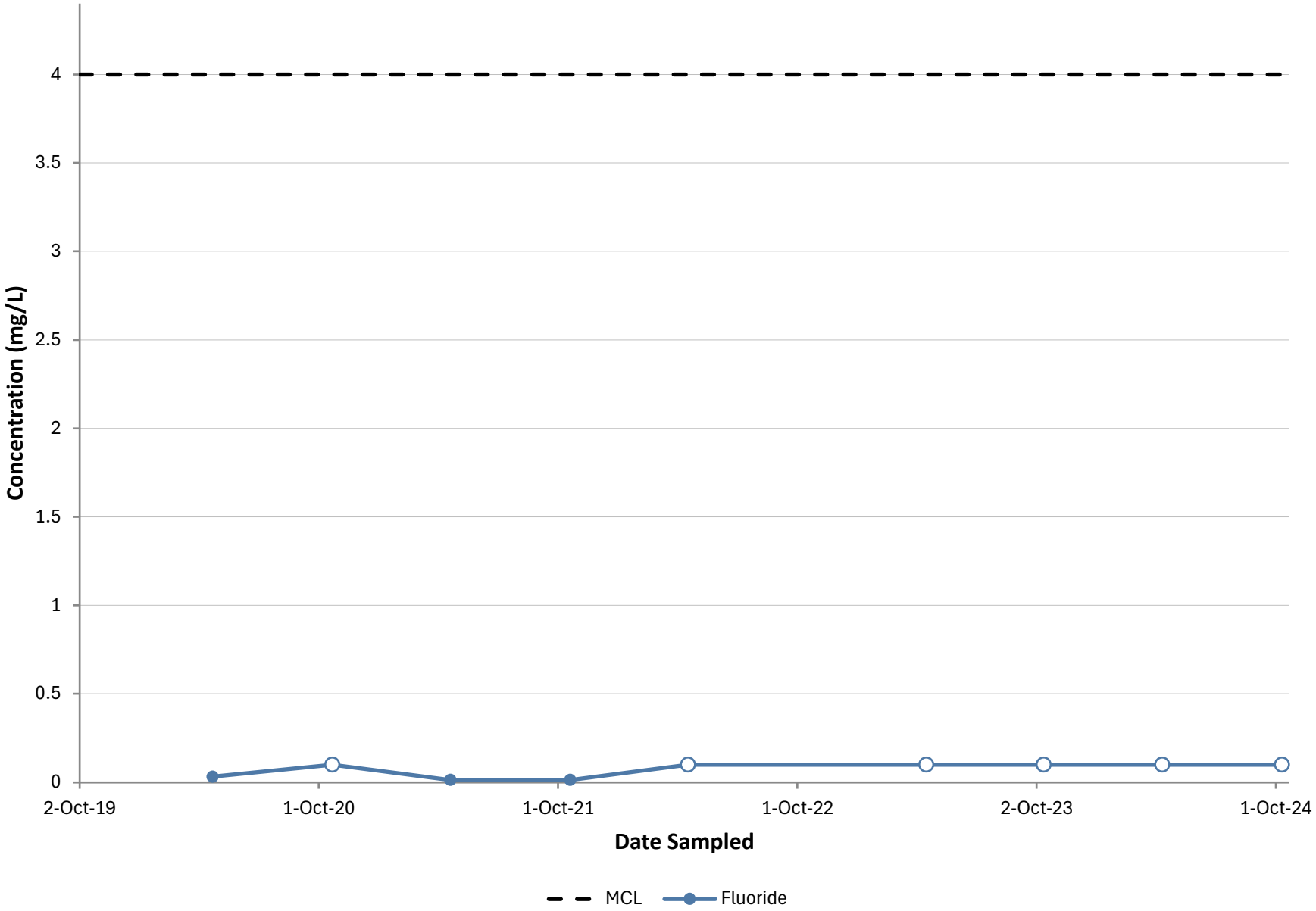
W-90

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



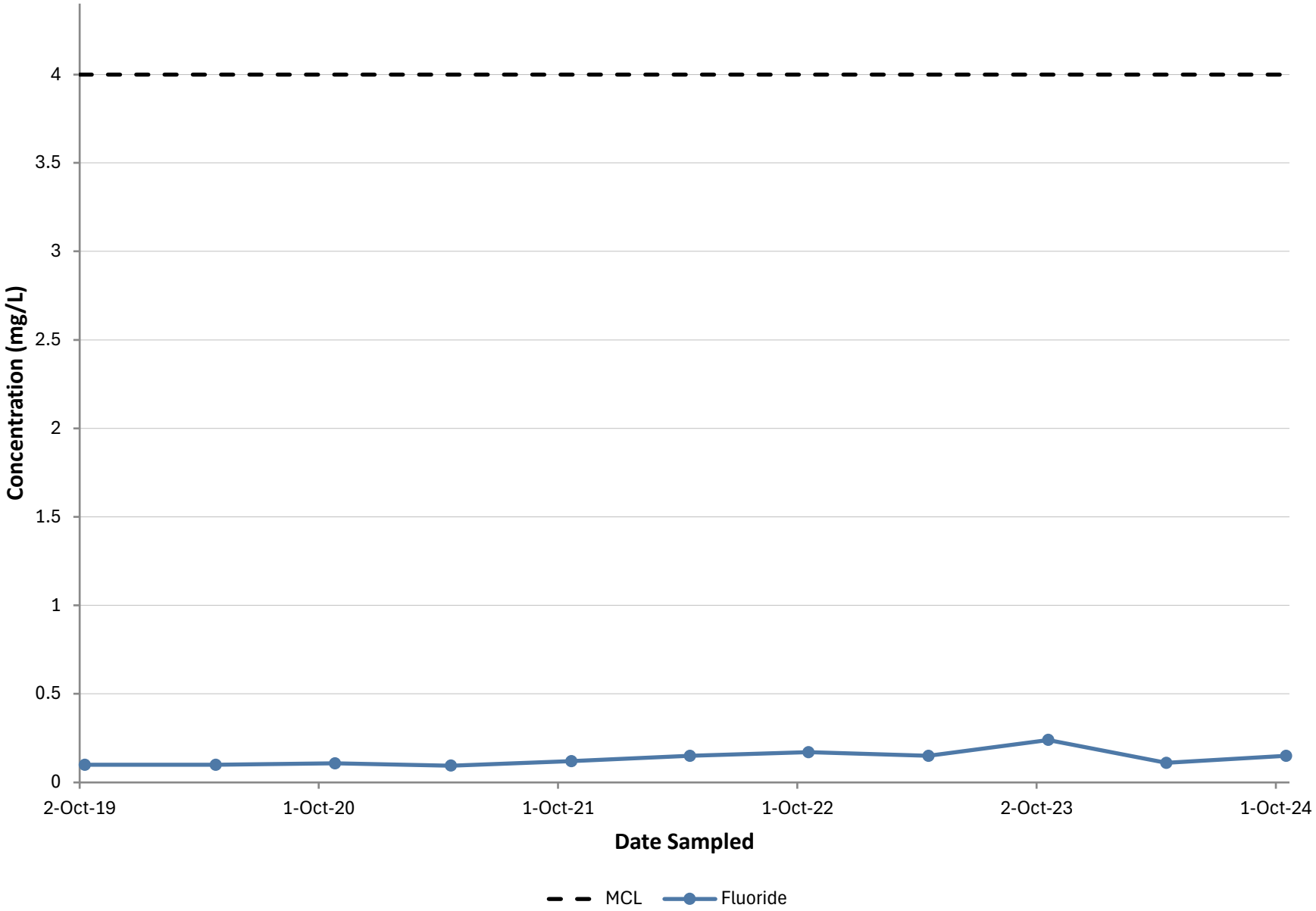
W-91

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



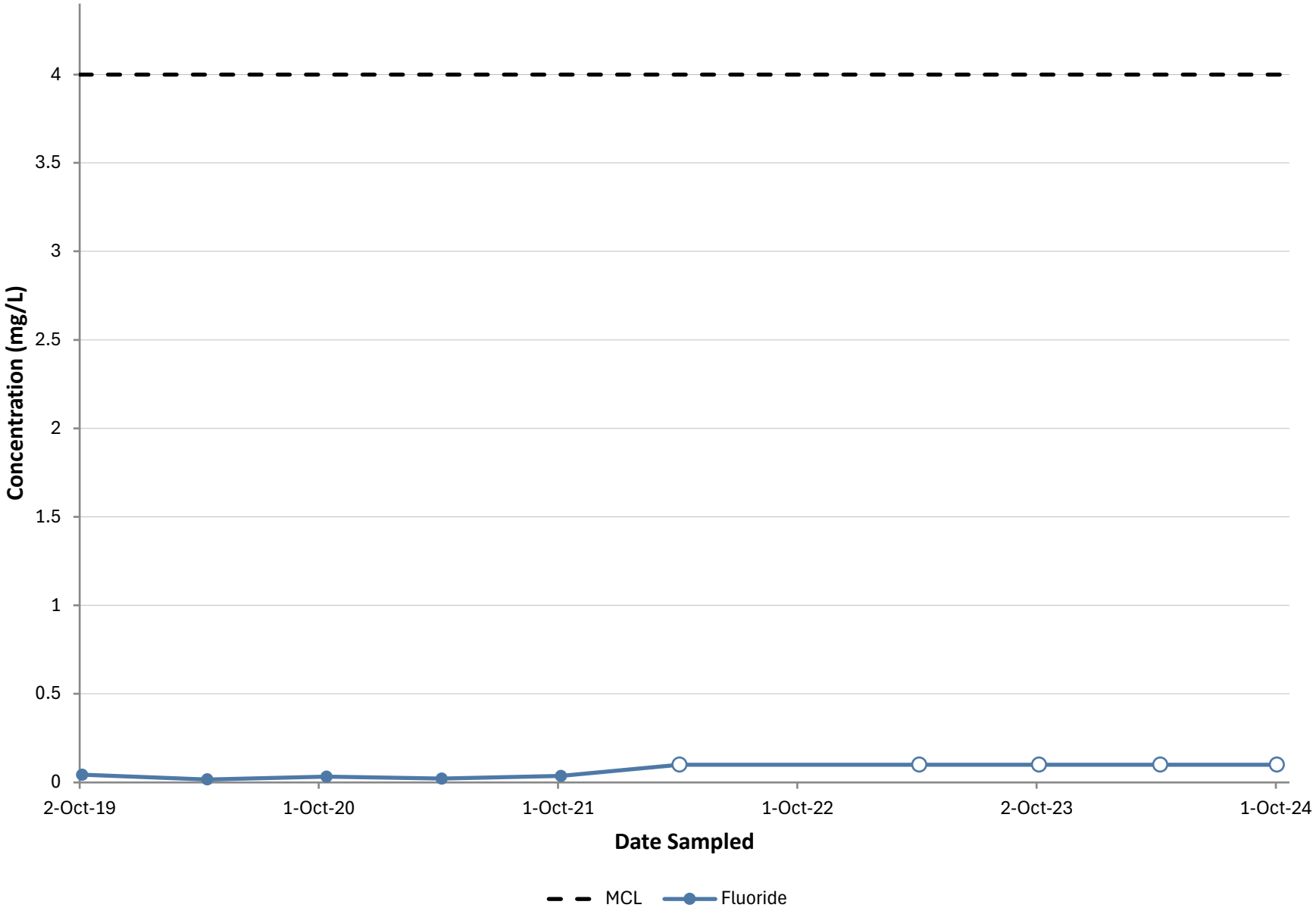
W-92

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



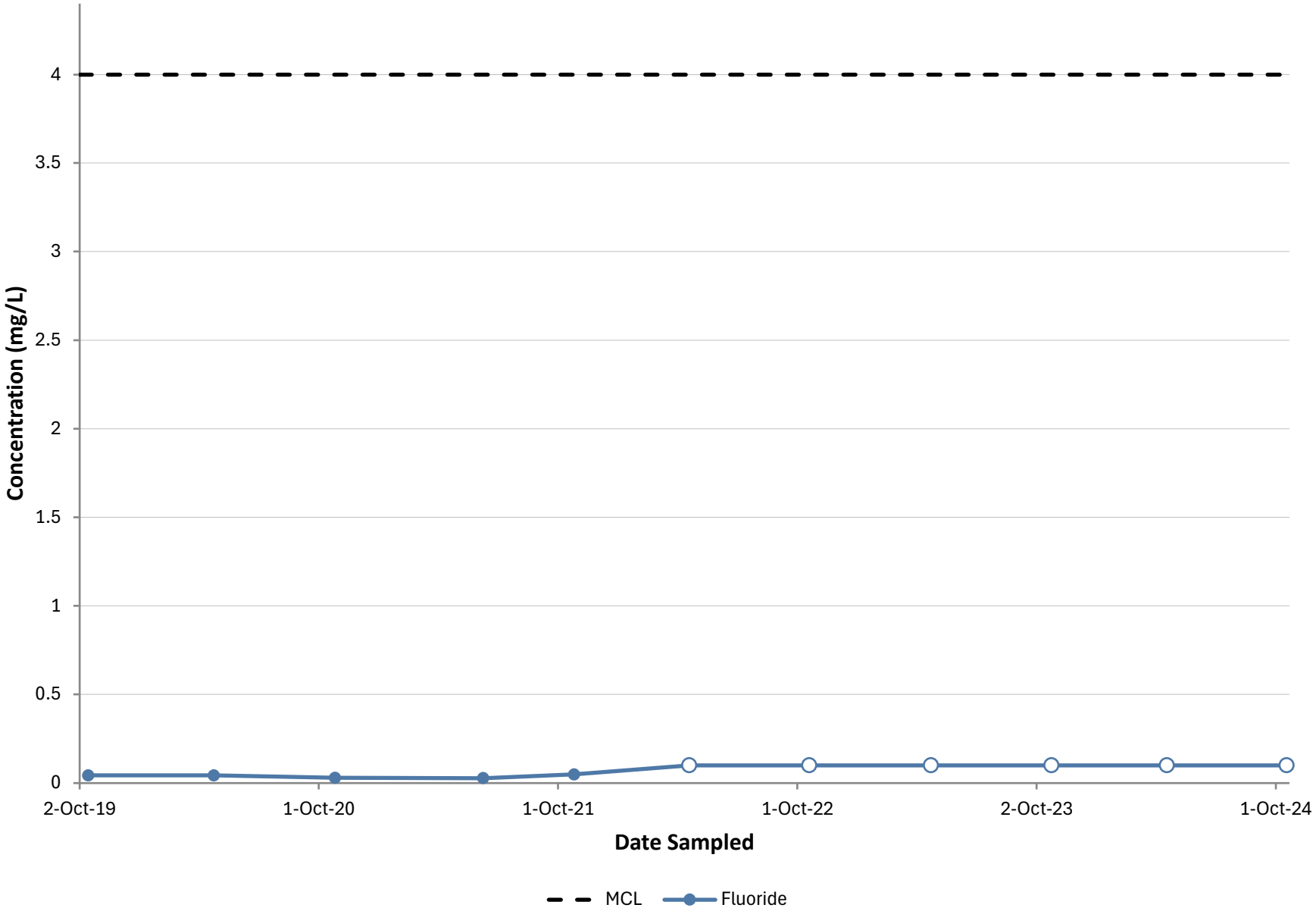
W-93

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



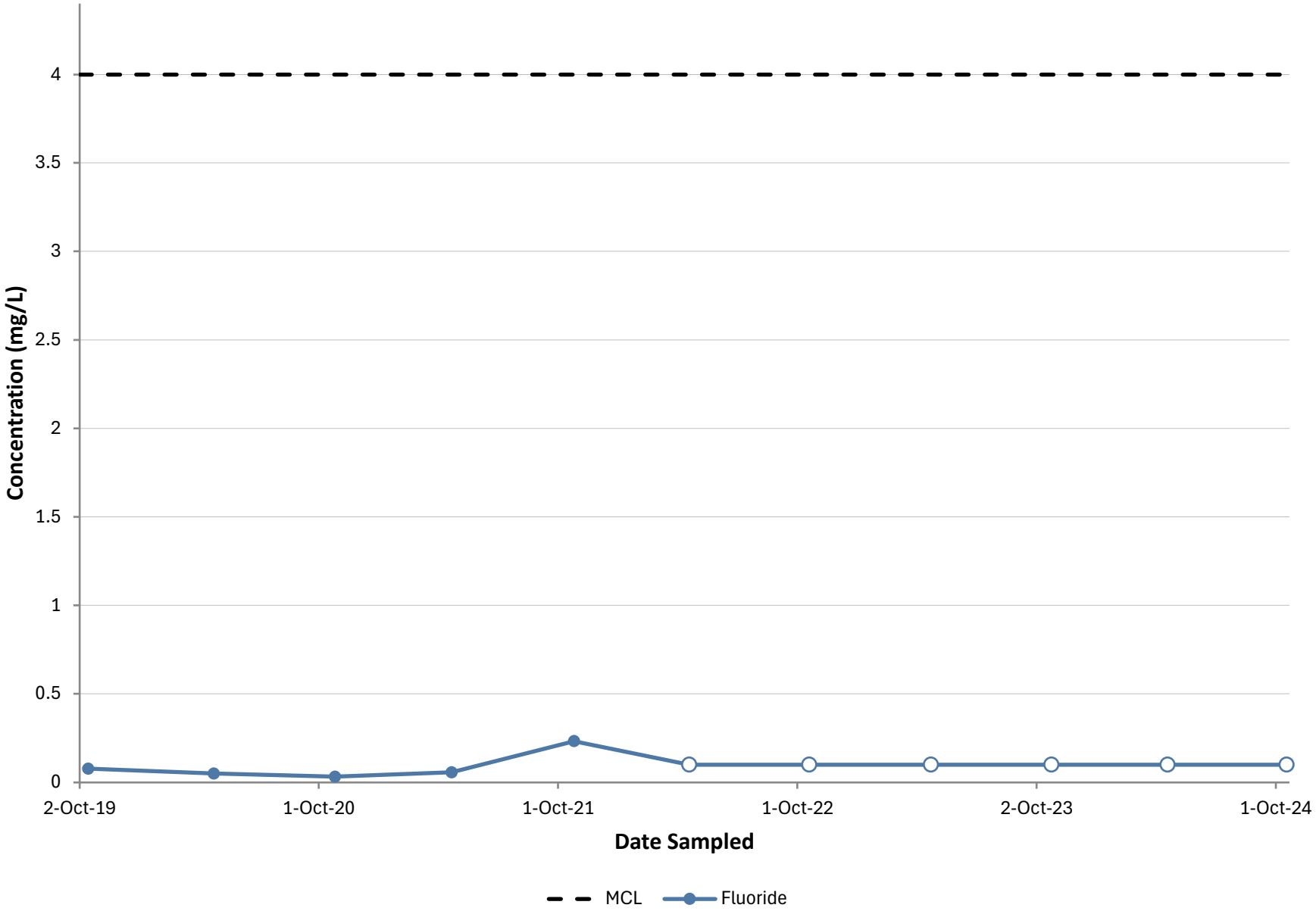
W-94

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



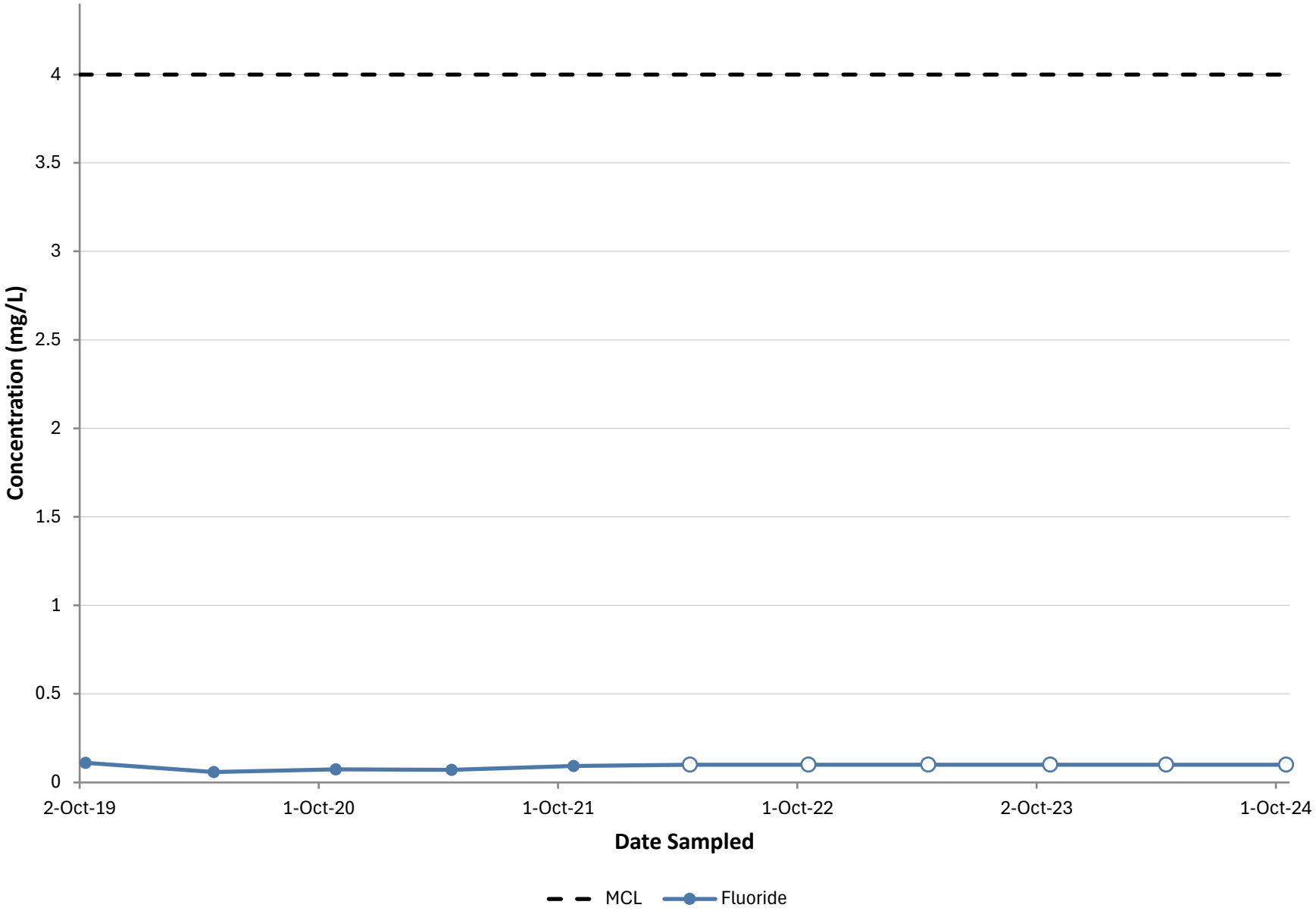
W-95

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



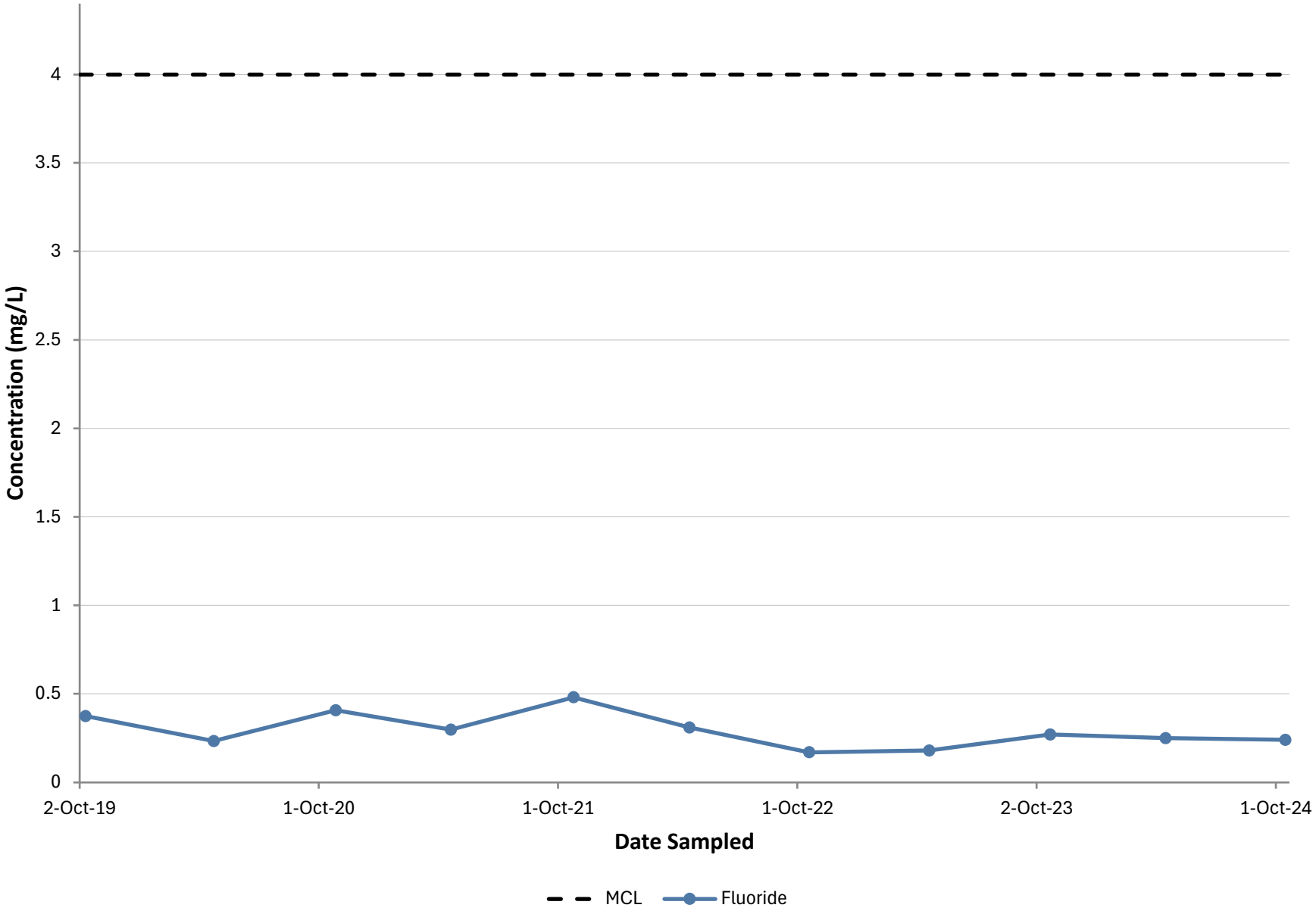
W-96

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



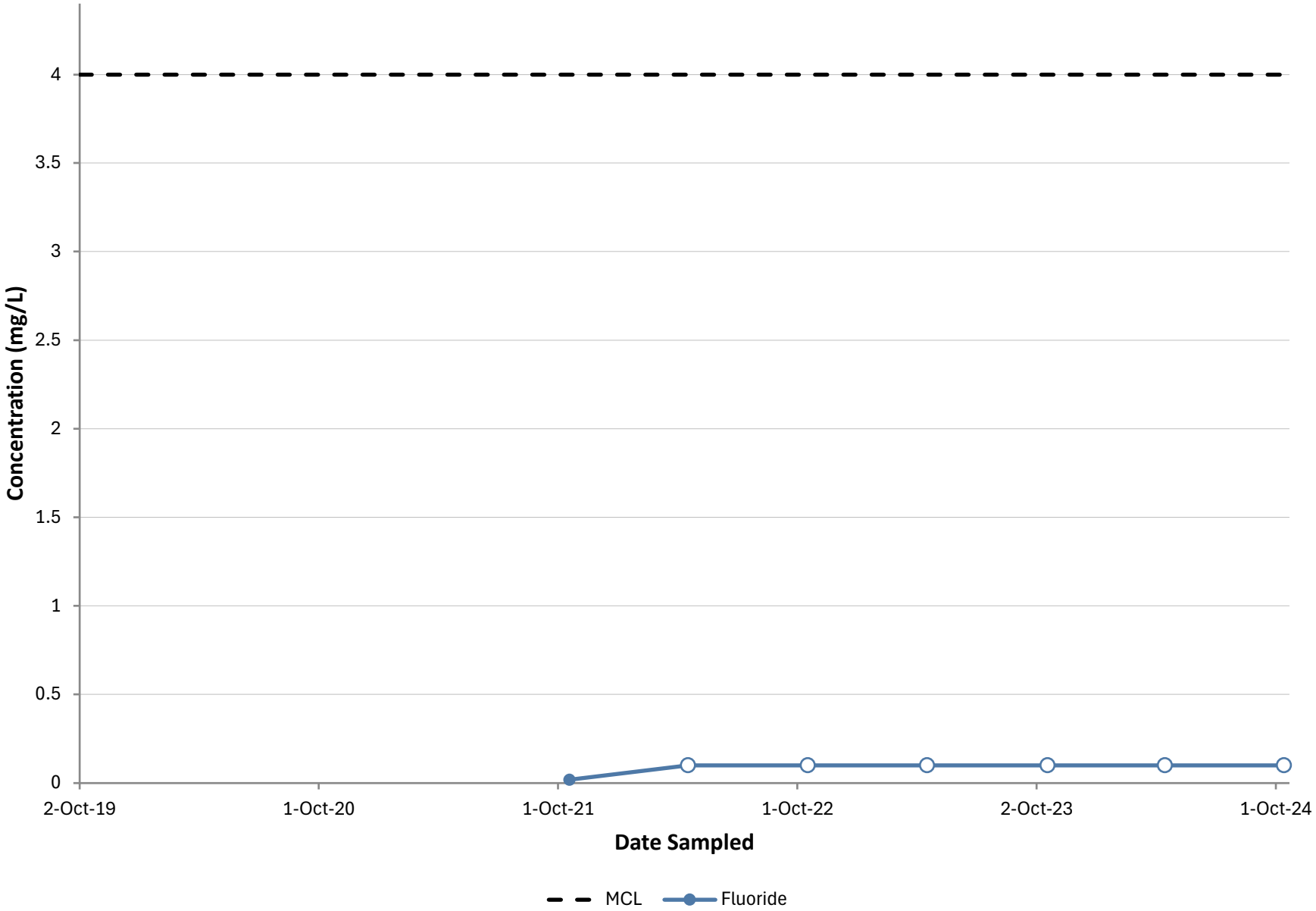
W-97

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



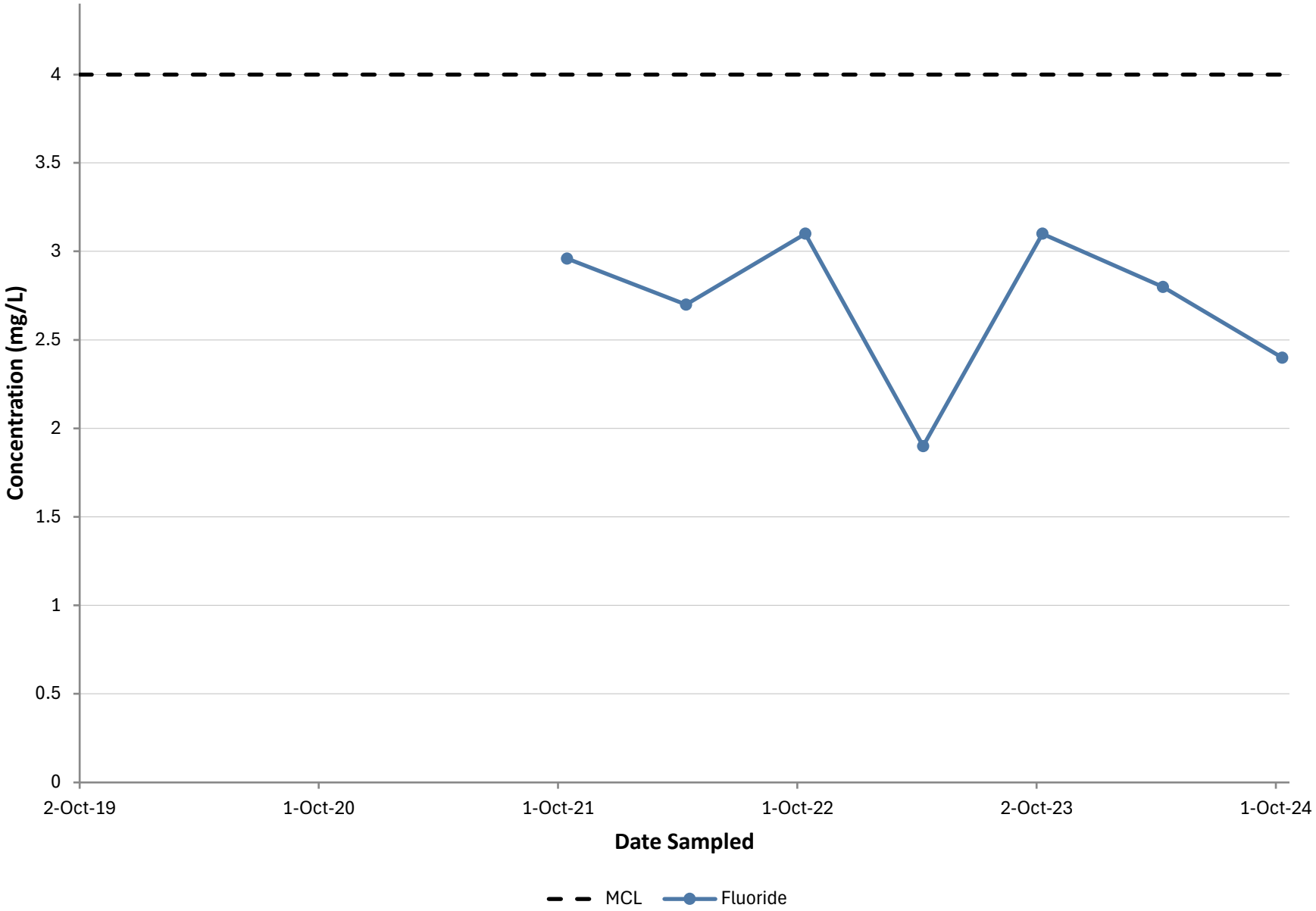
W-98

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



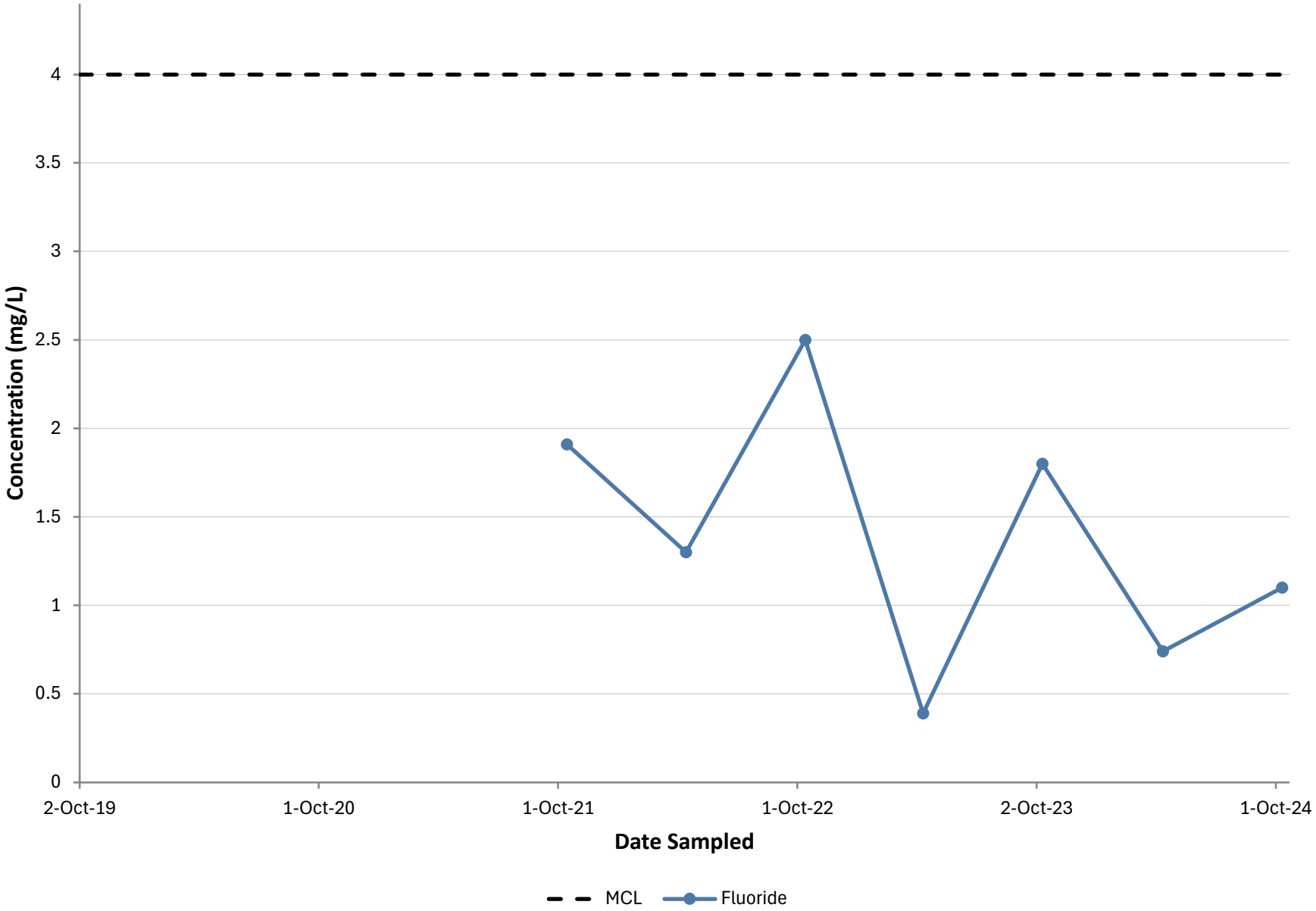
W-99

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



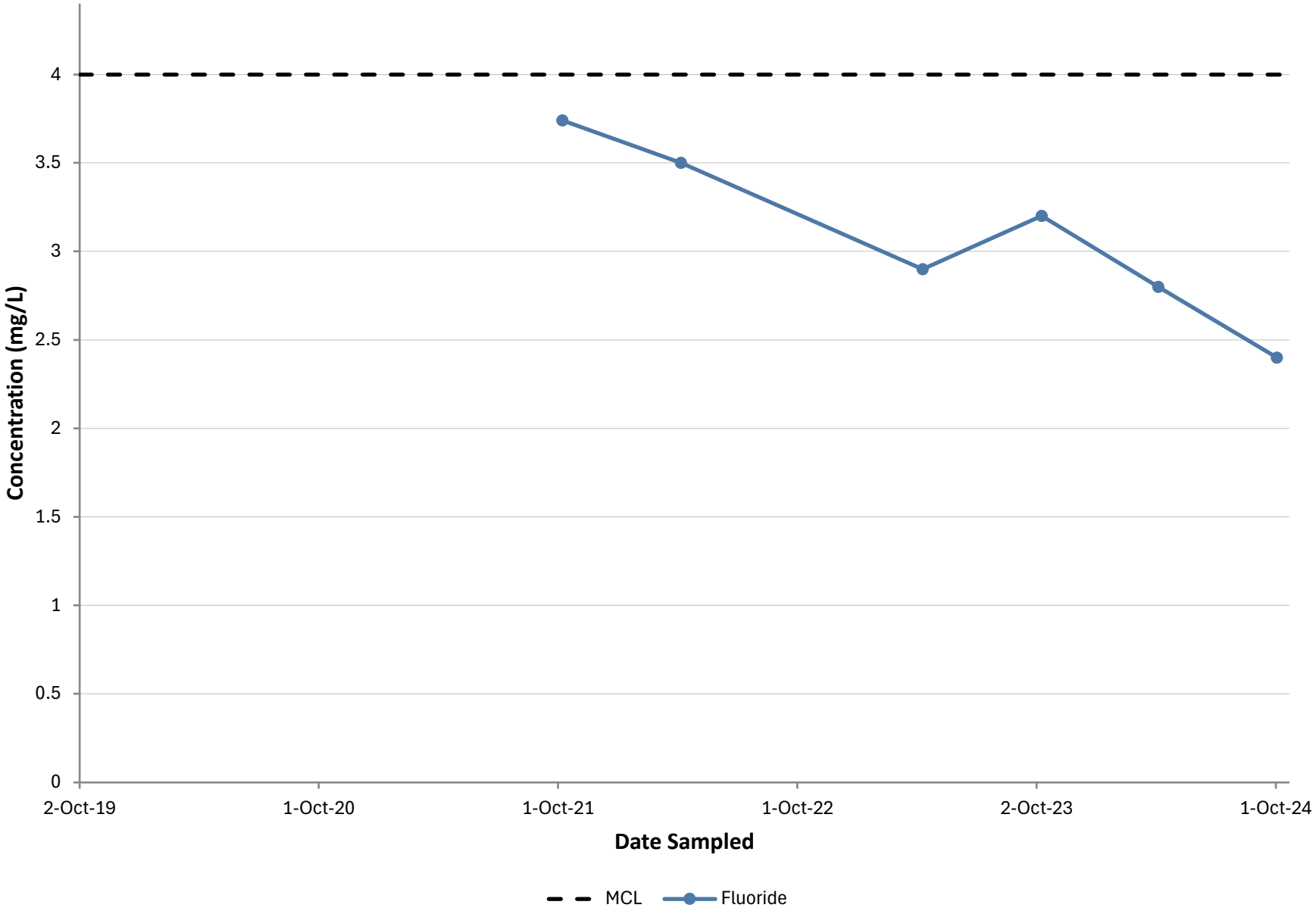
W-100

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



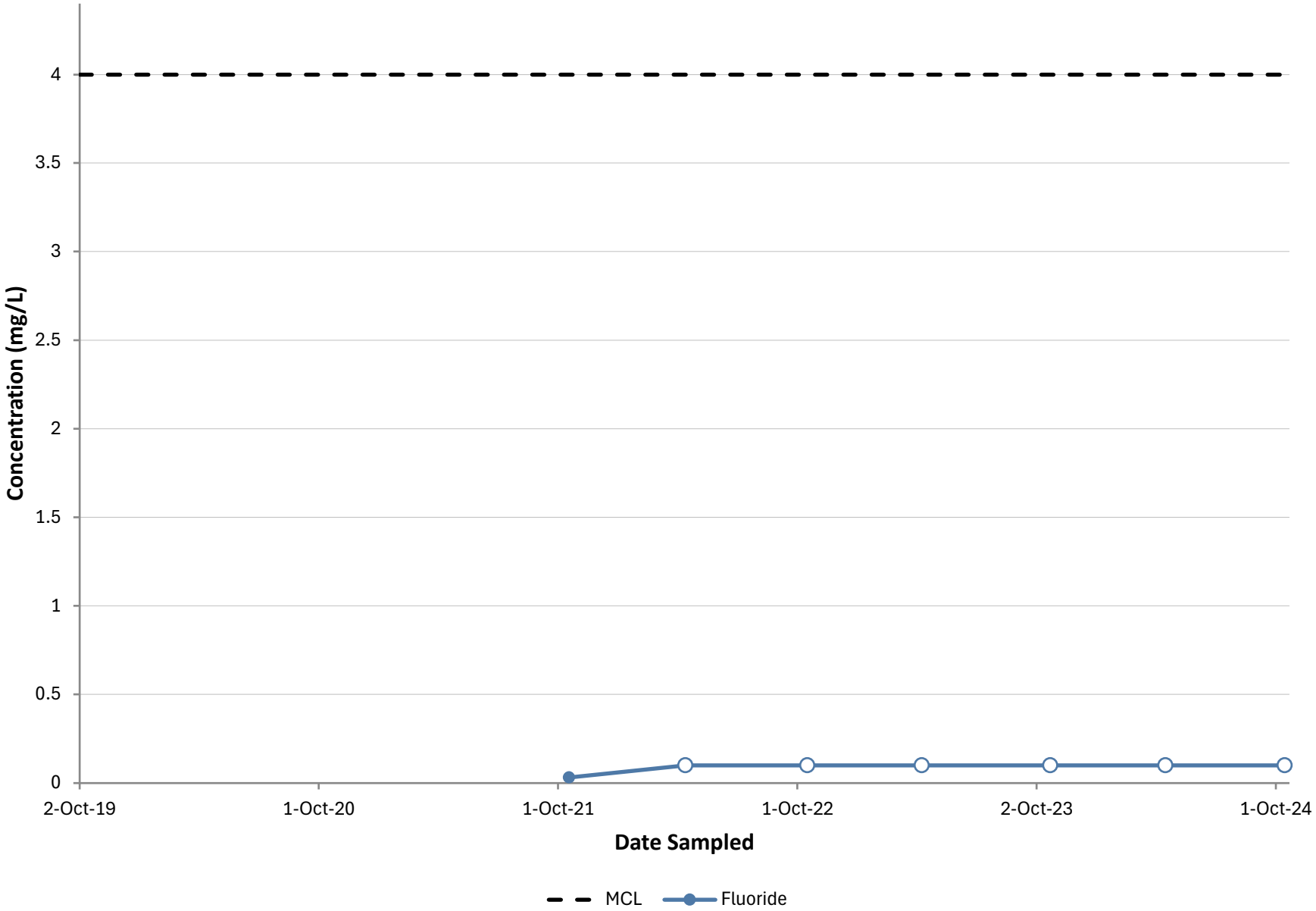
W-102

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



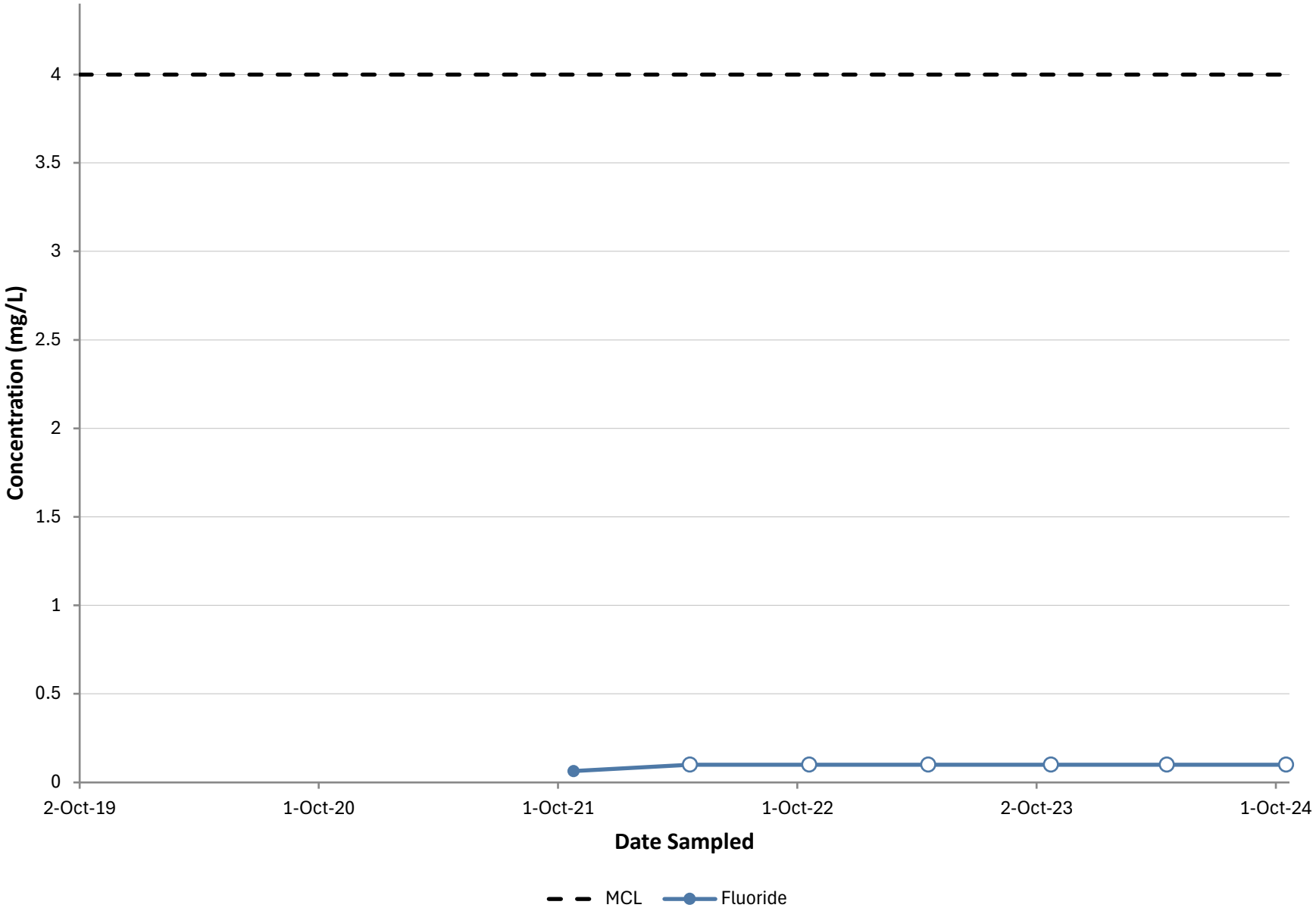
W-103

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



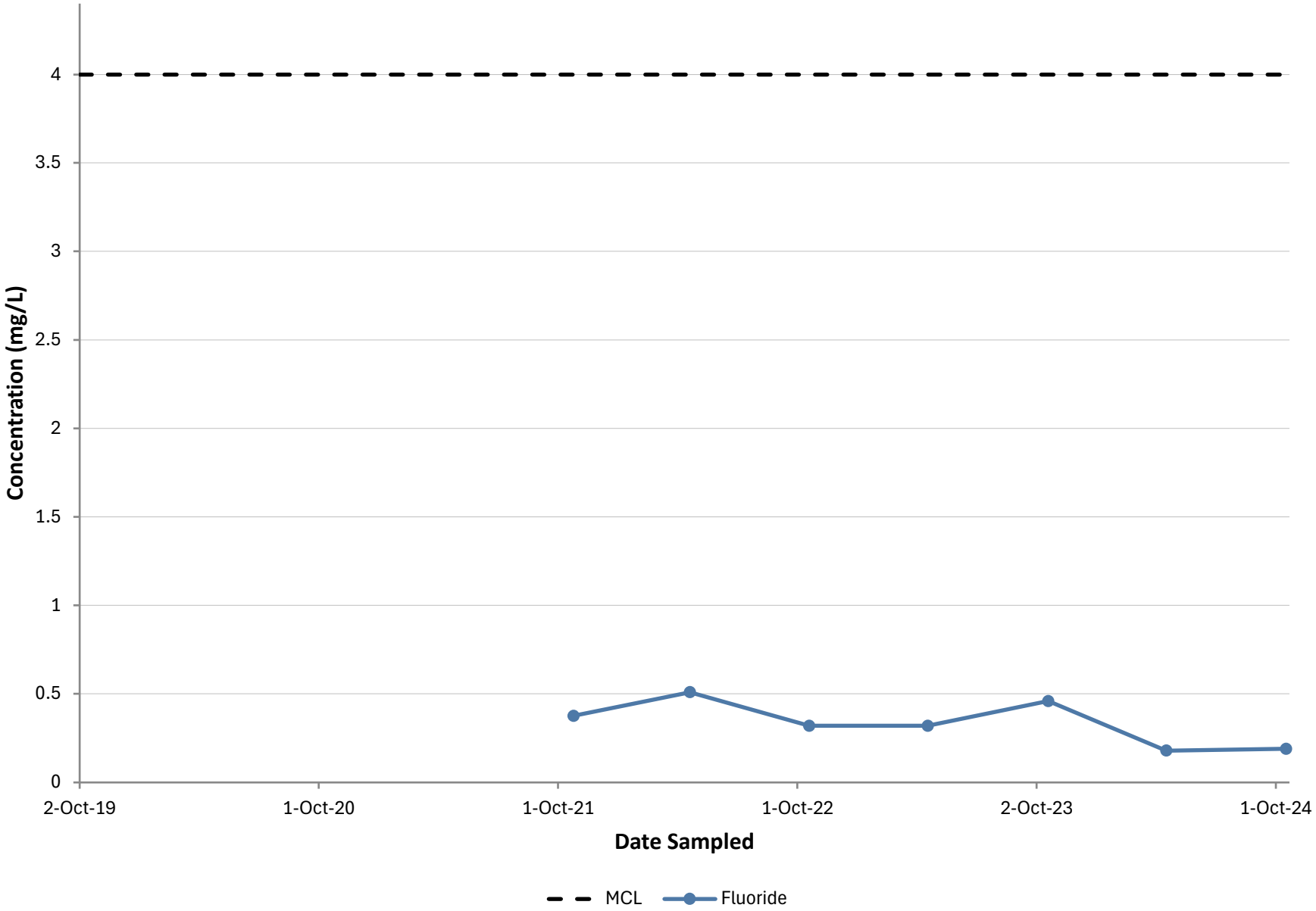
W-104

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



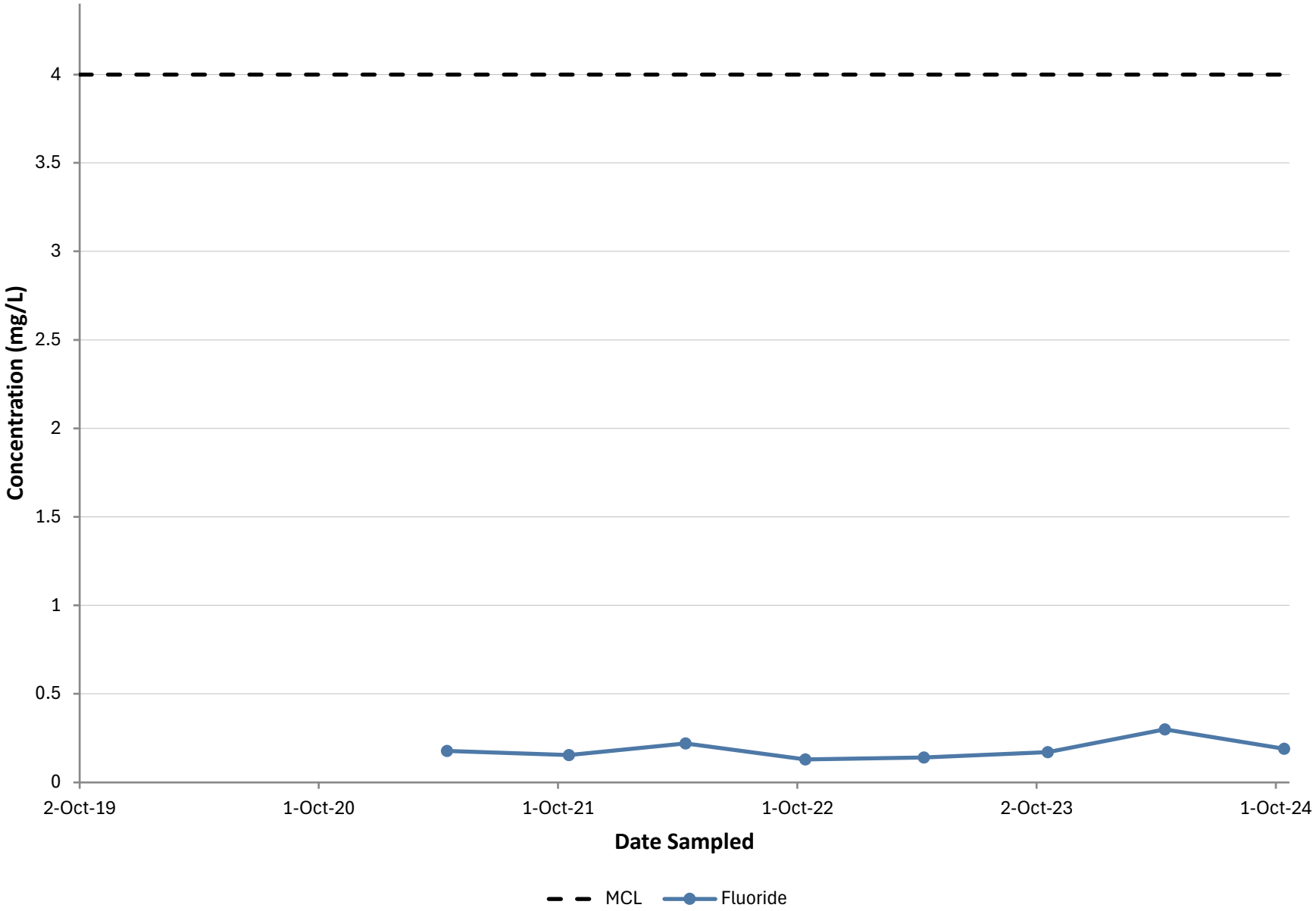
W-105

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



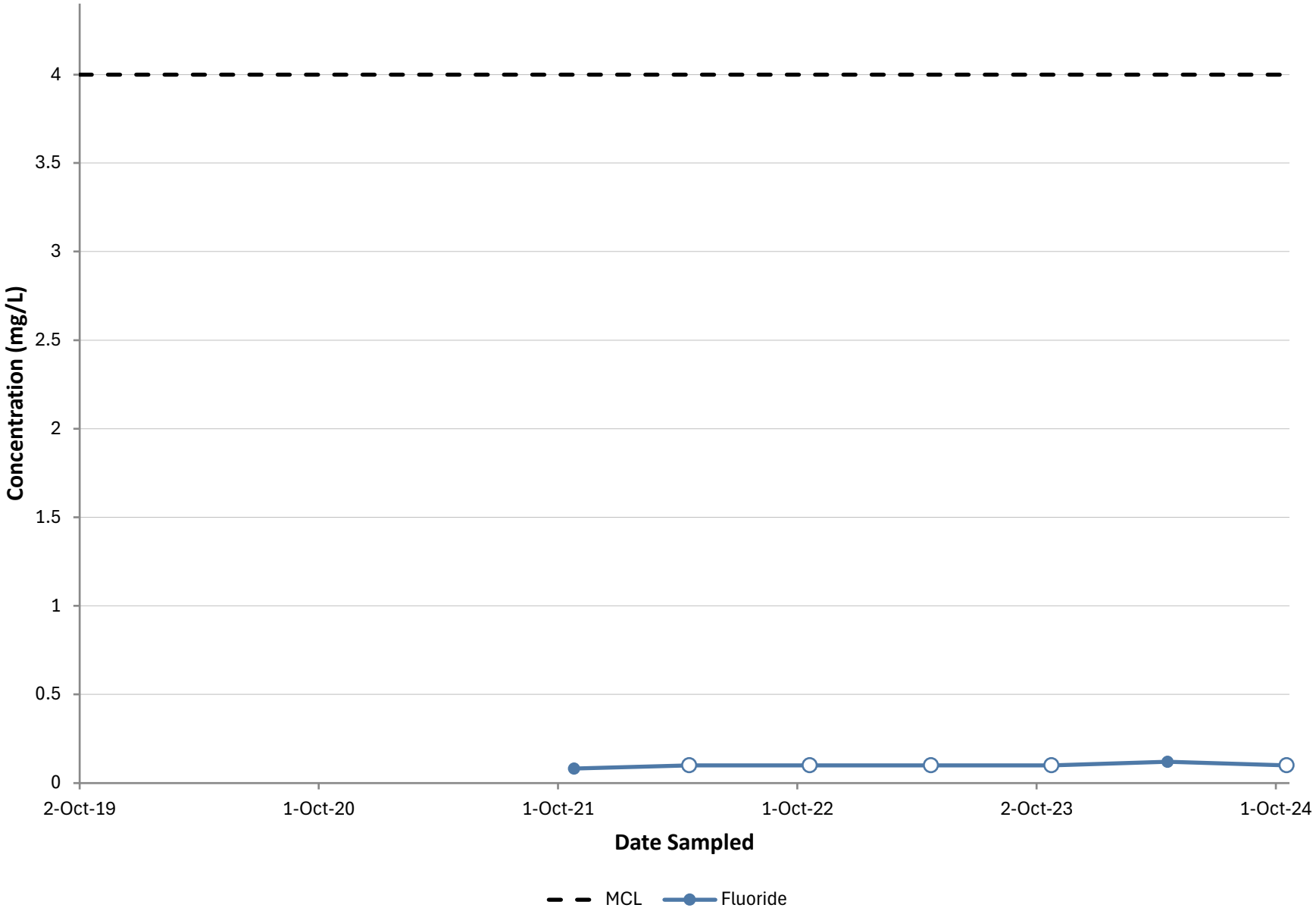
W-106

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



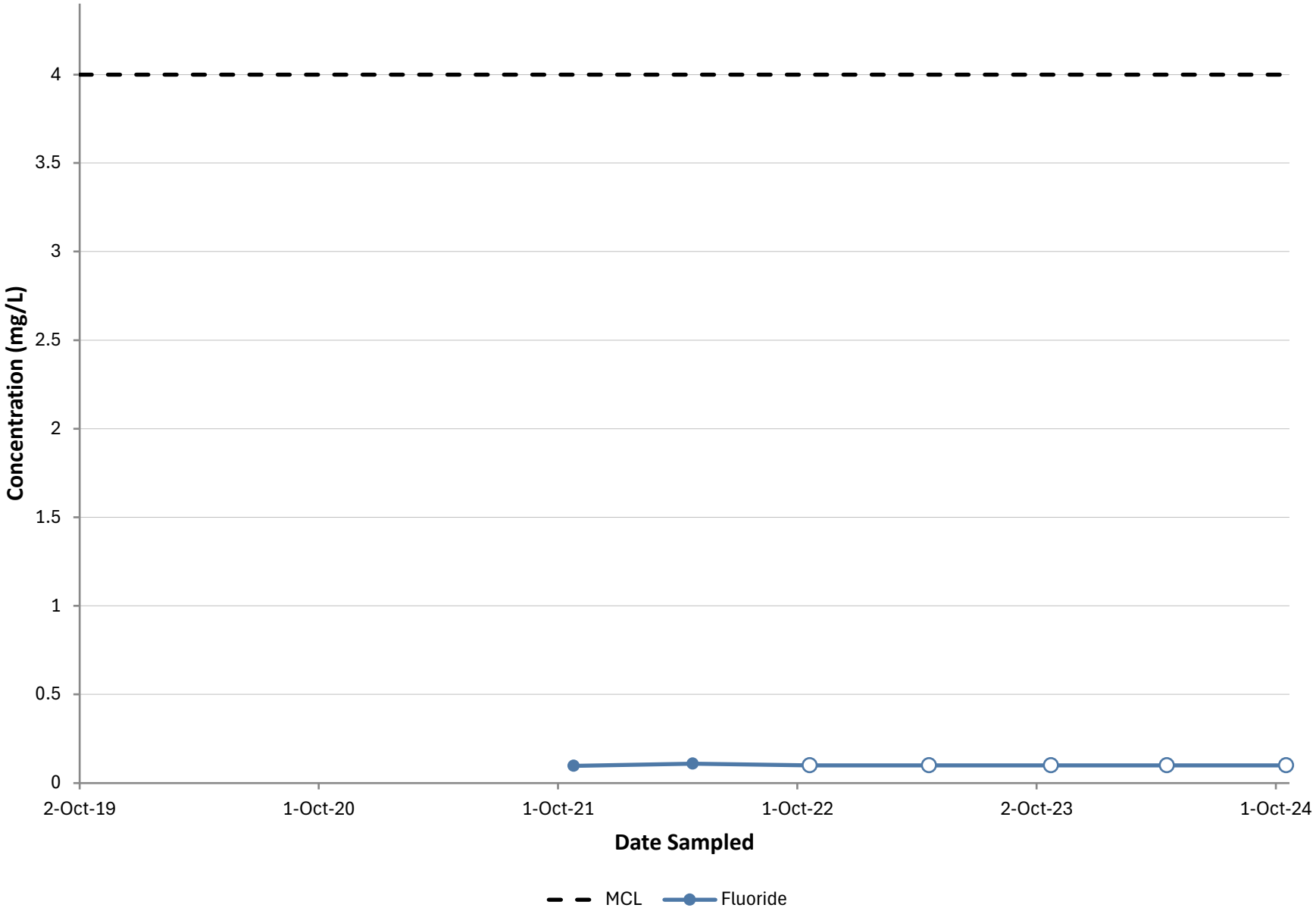
W-107

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



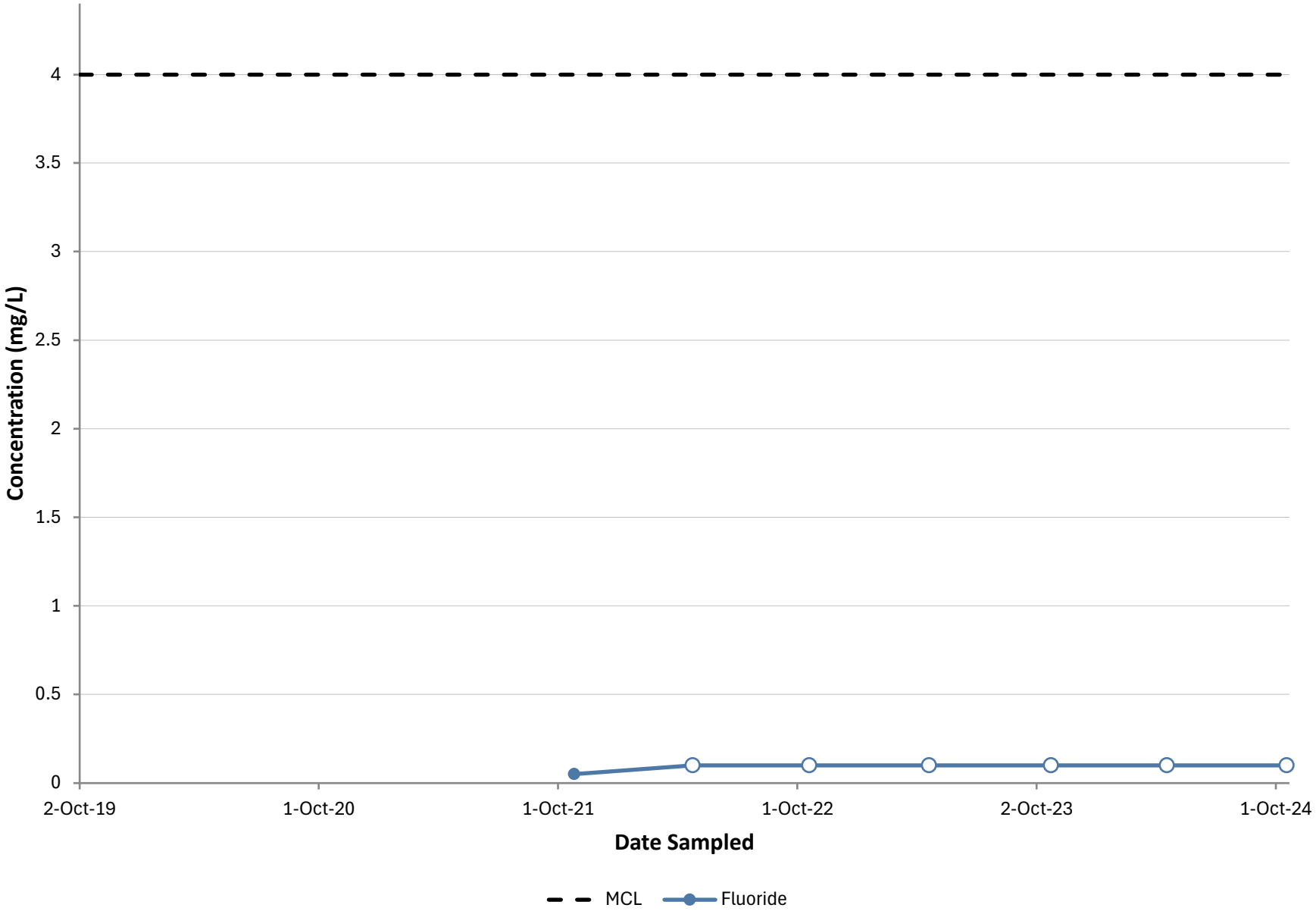
W-108

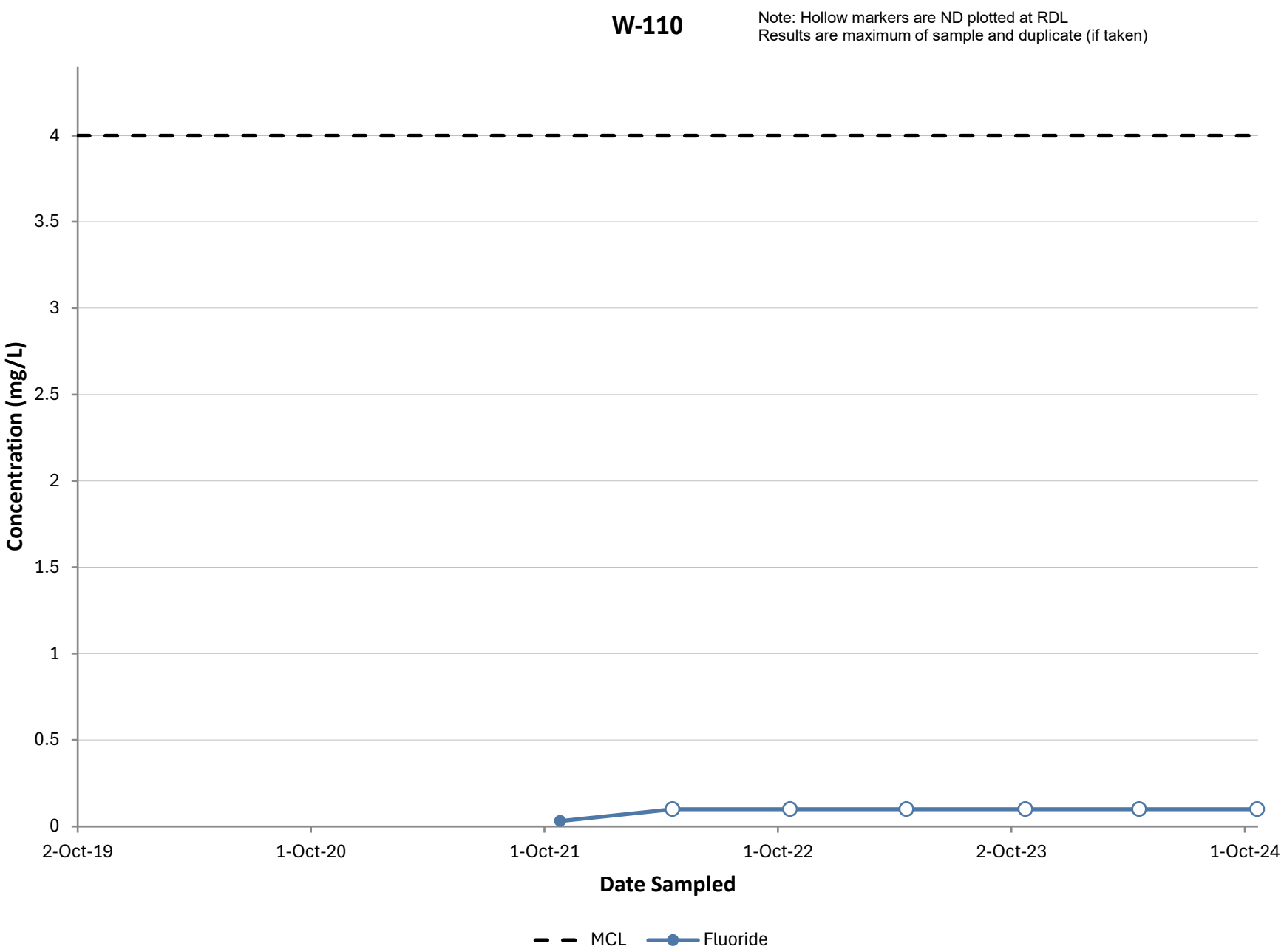
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-109

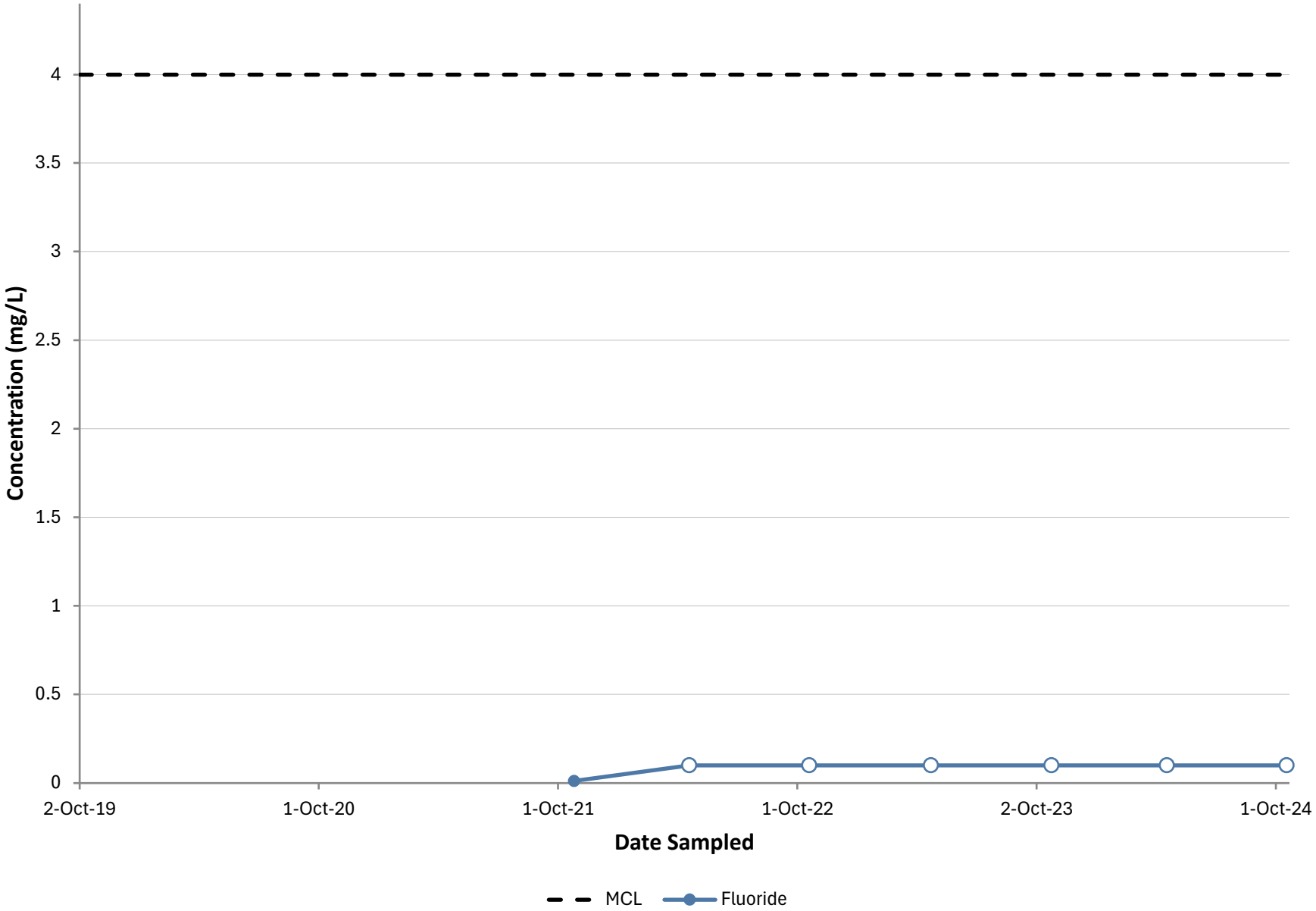
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-110
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

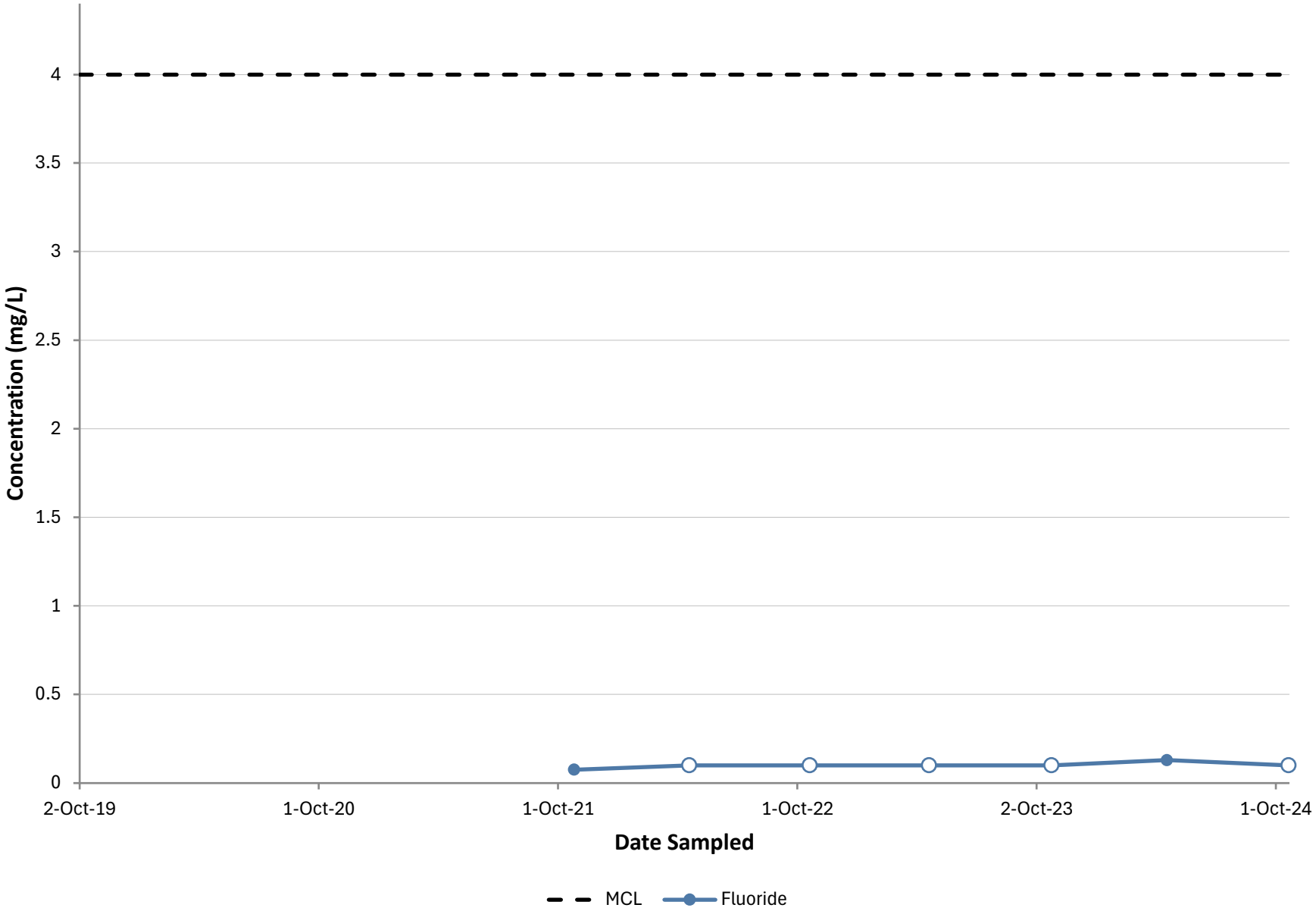
W-111

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



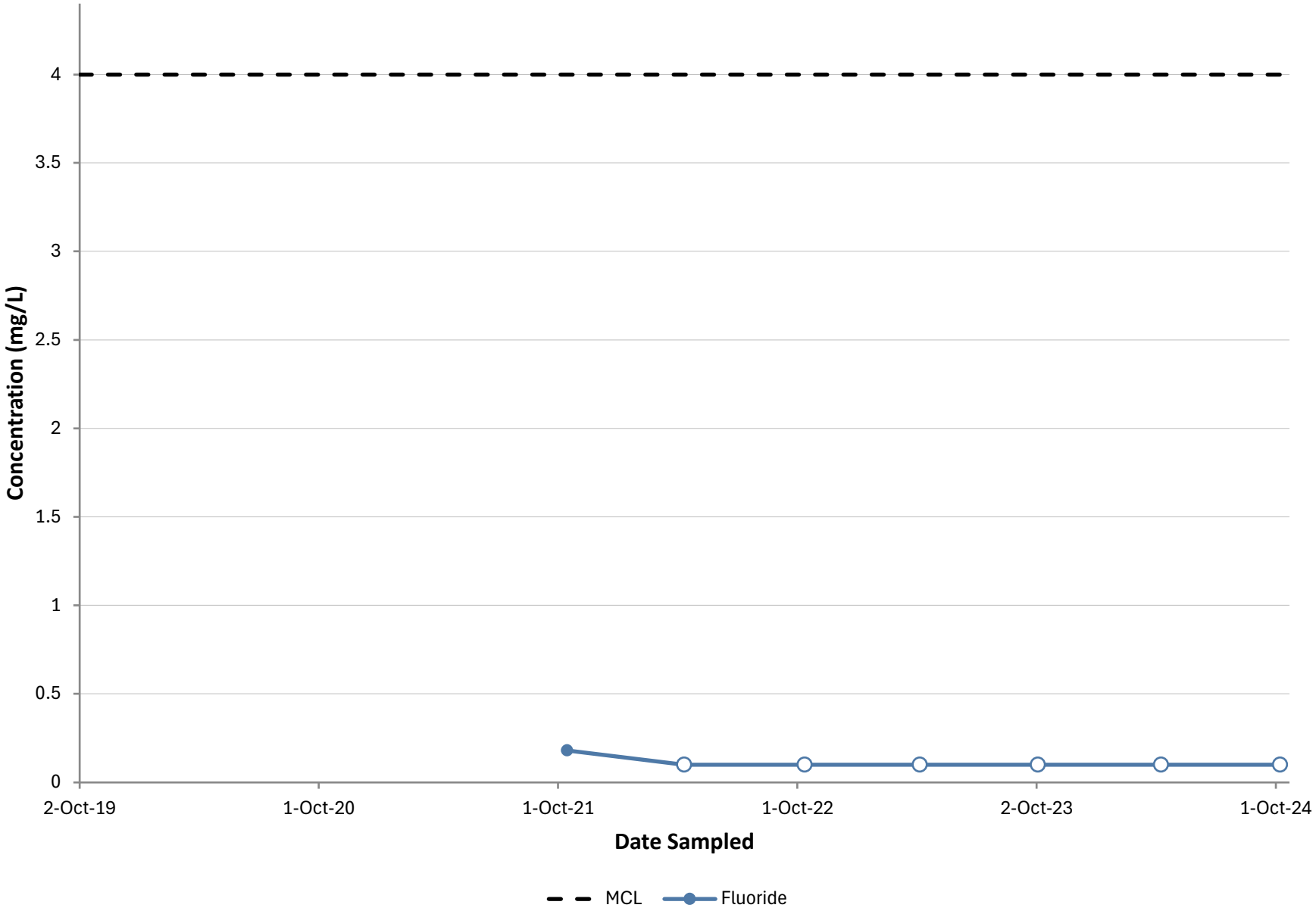
W-112

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



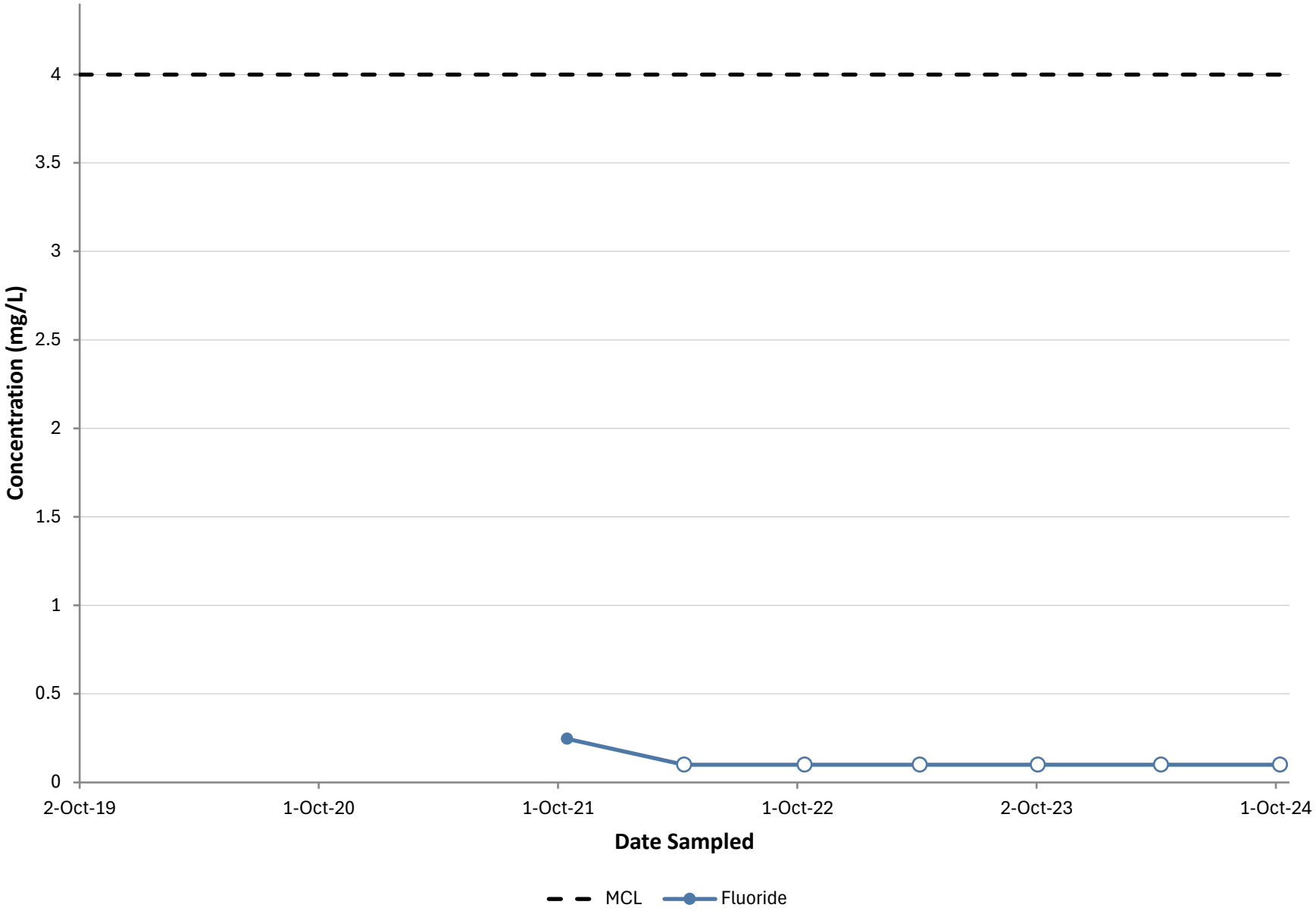
W-113

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



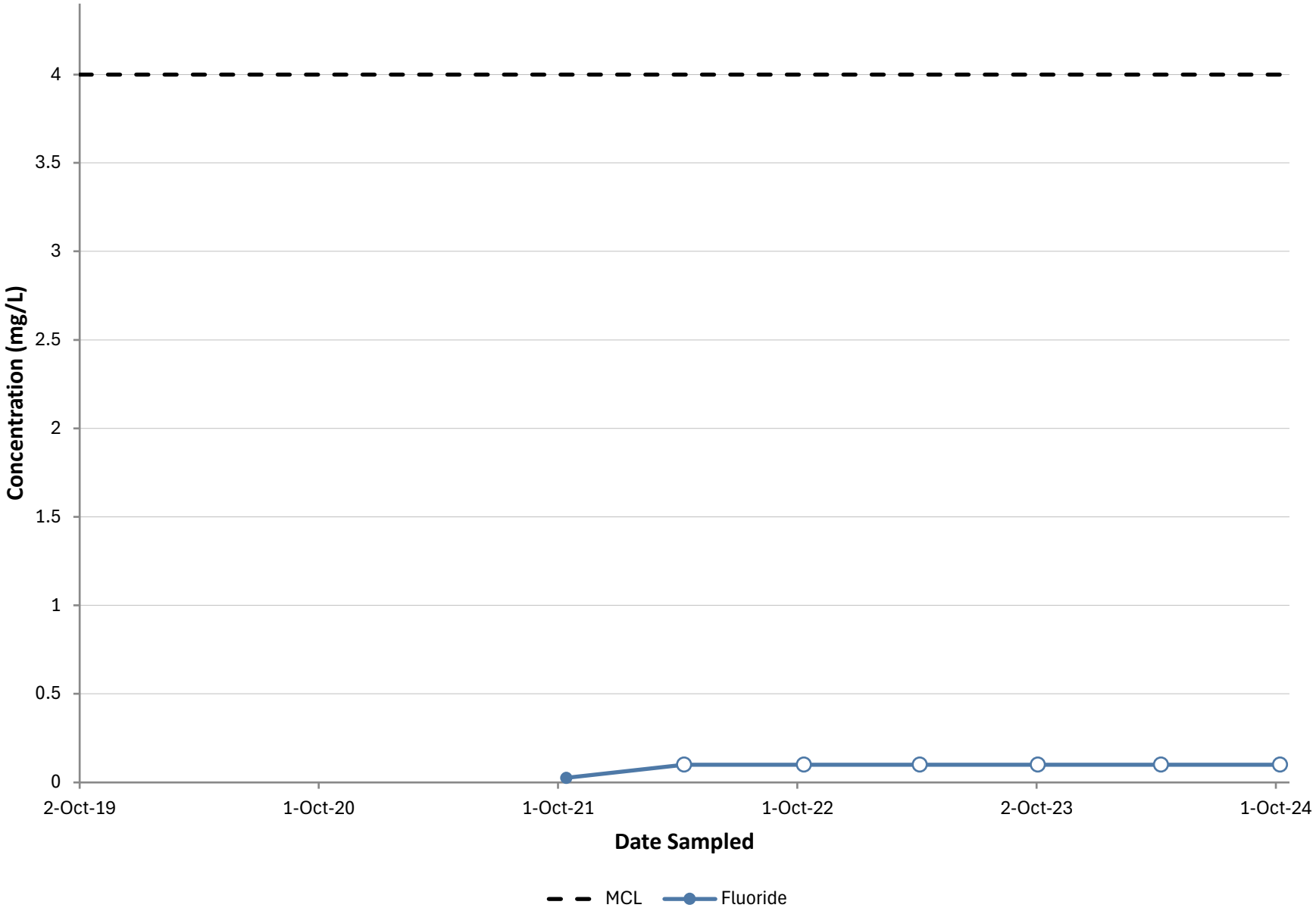
W-114

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



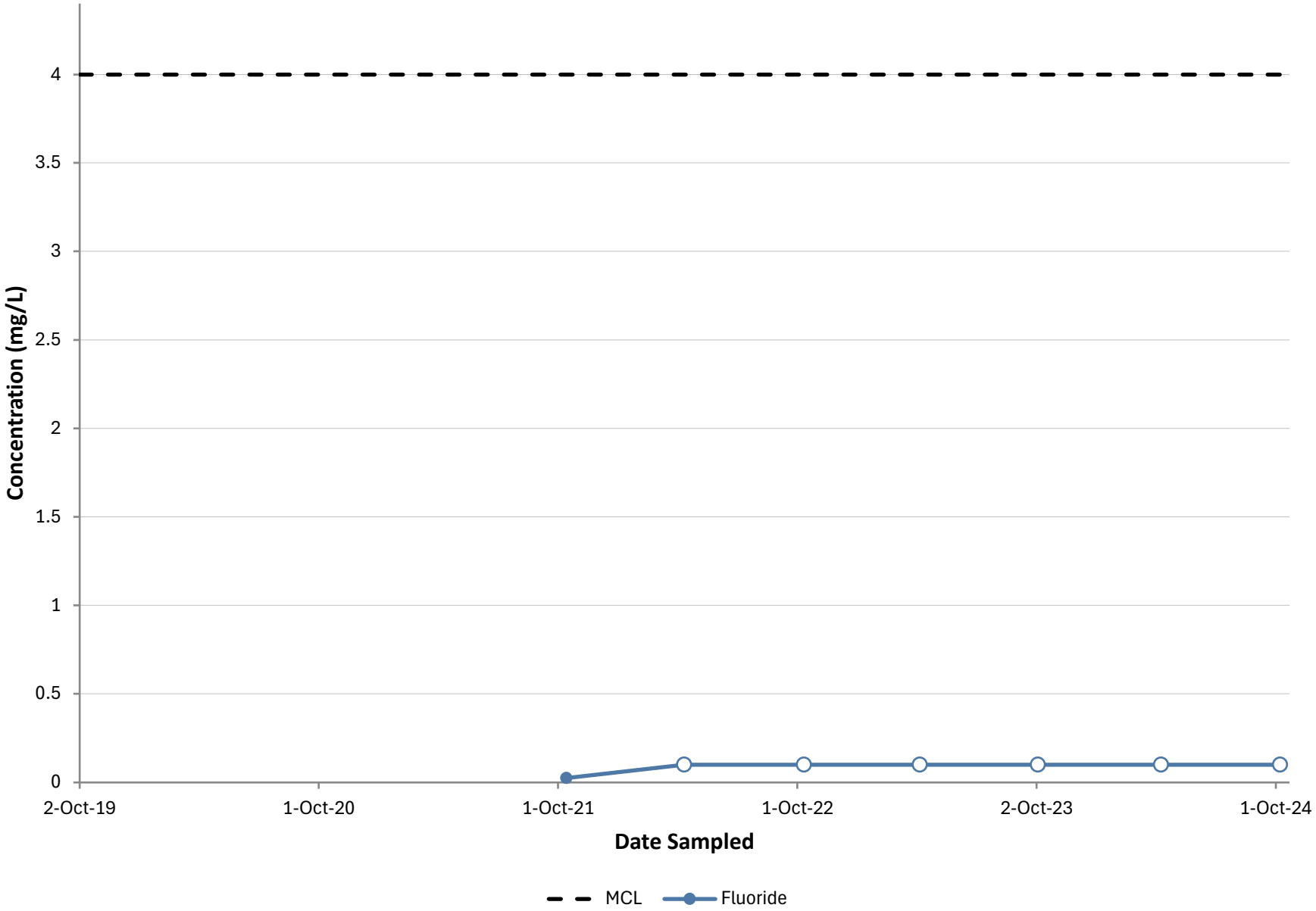
W-115

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



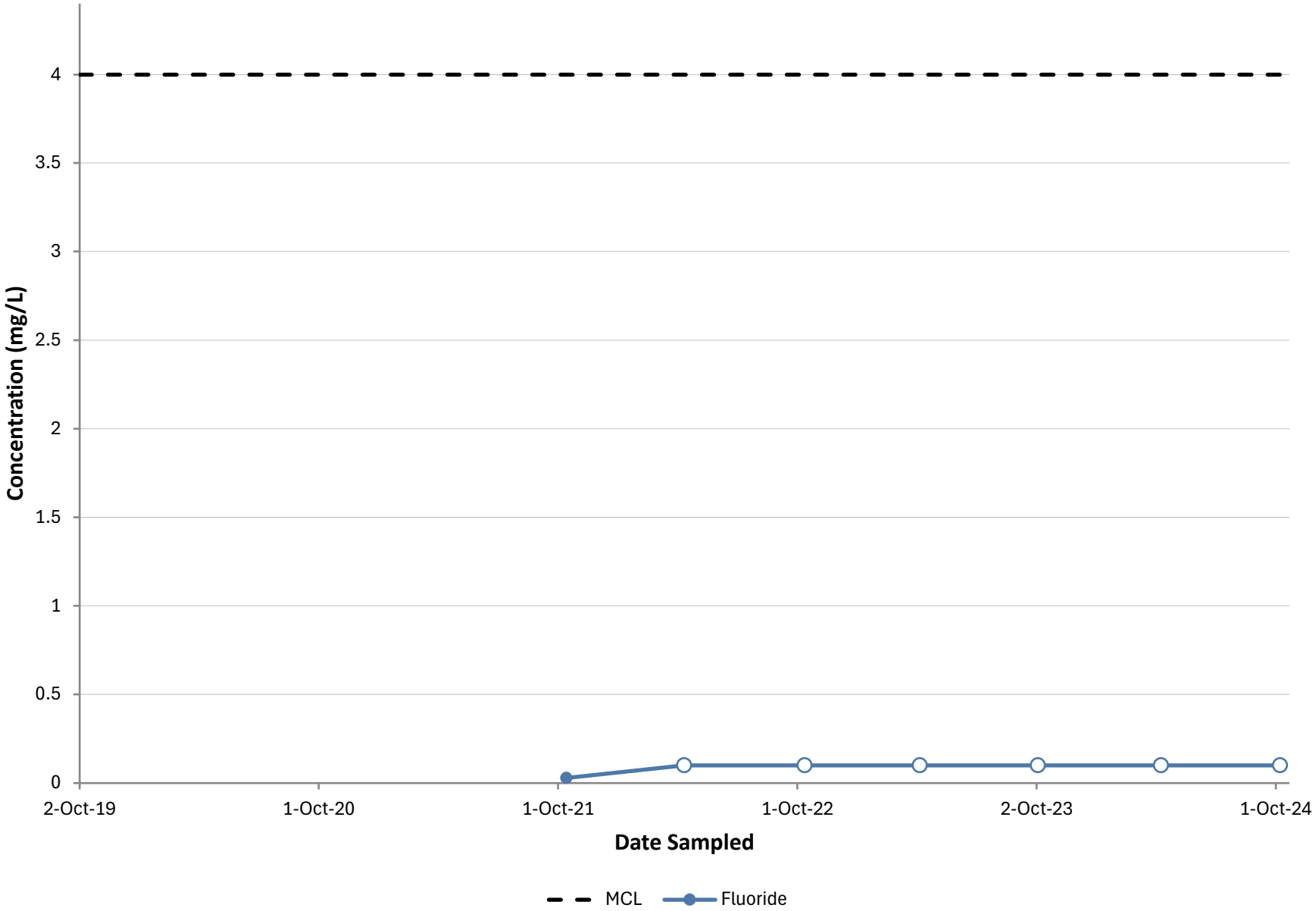
W-116

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



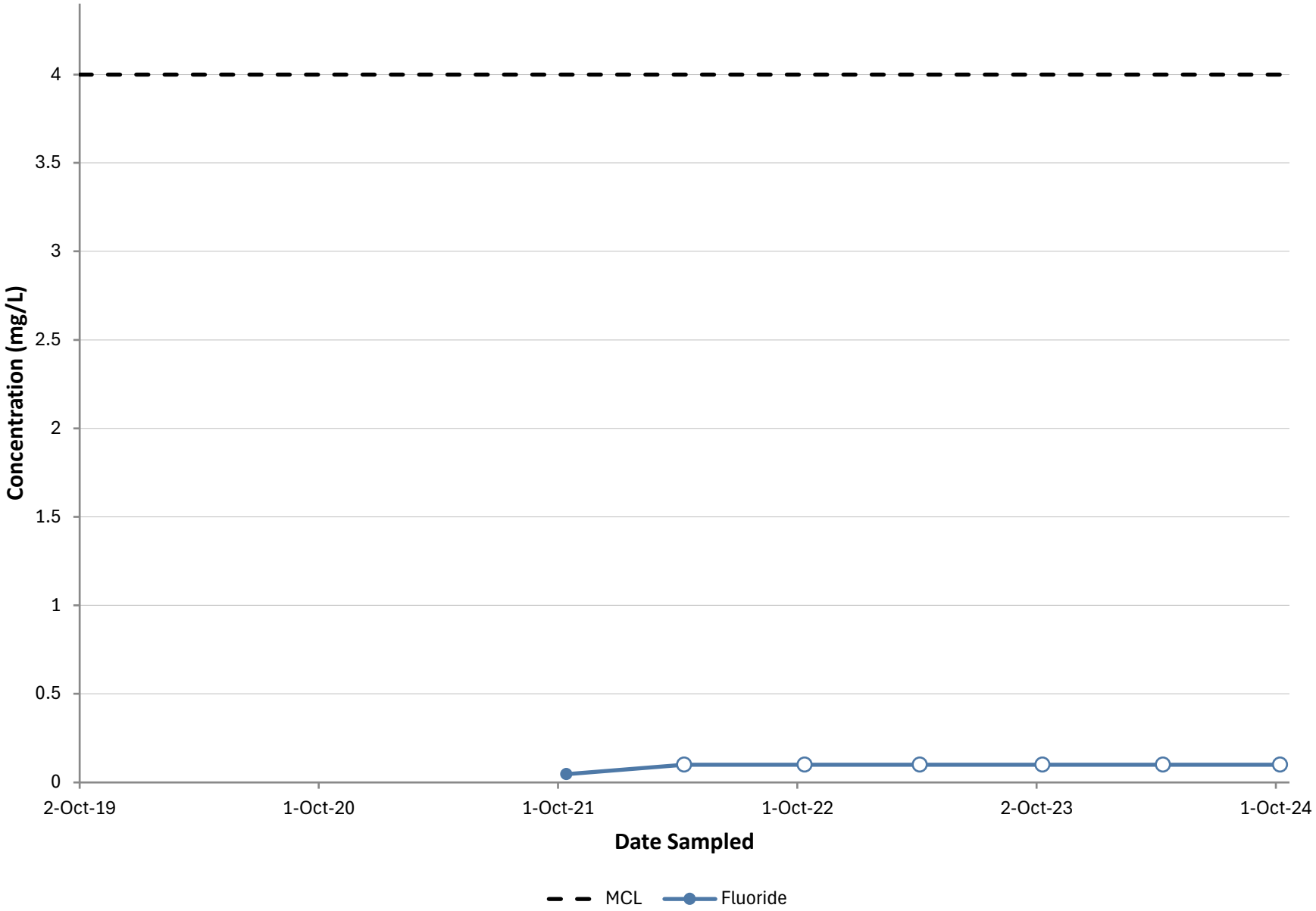
W-117

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



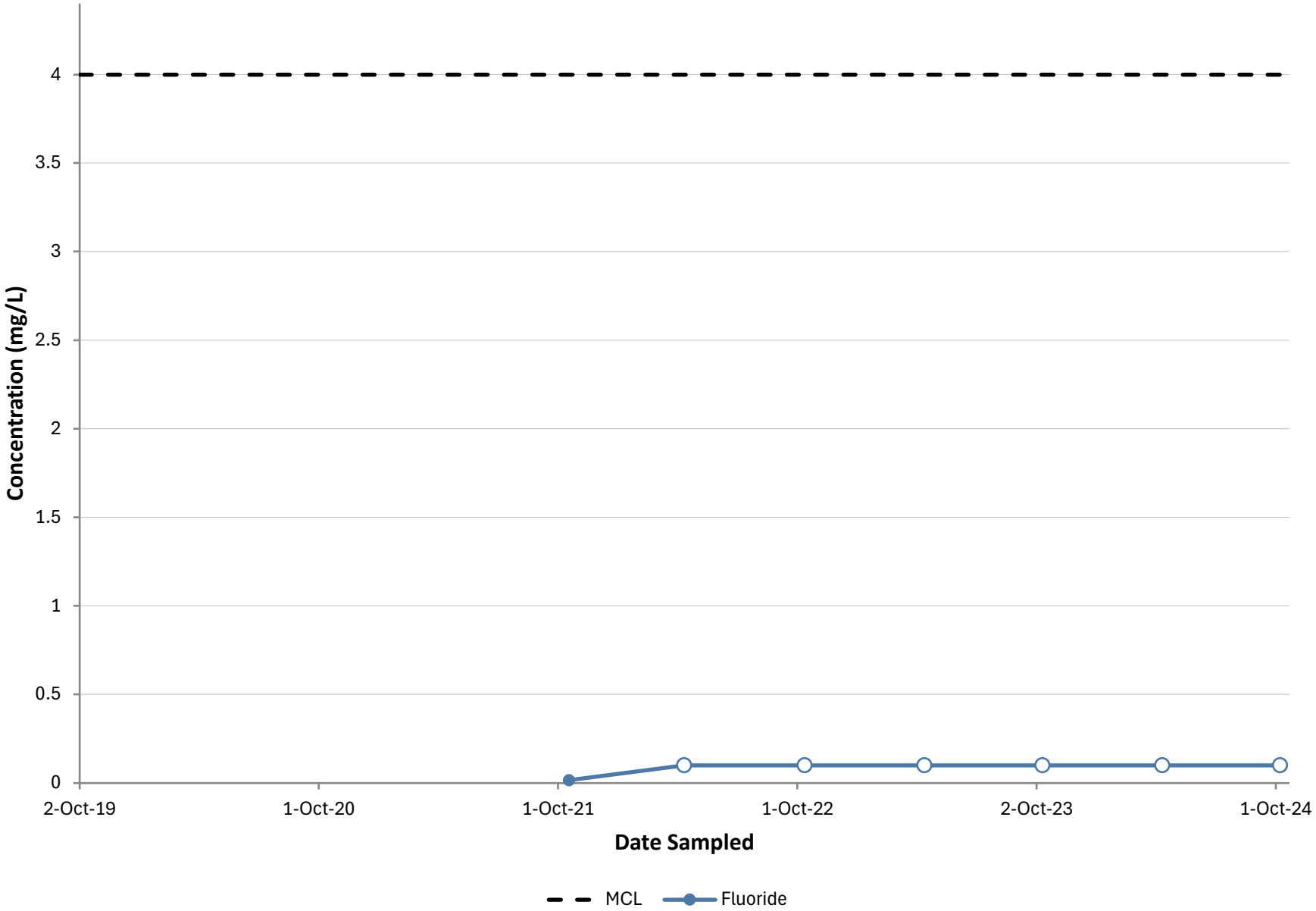
W-118

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



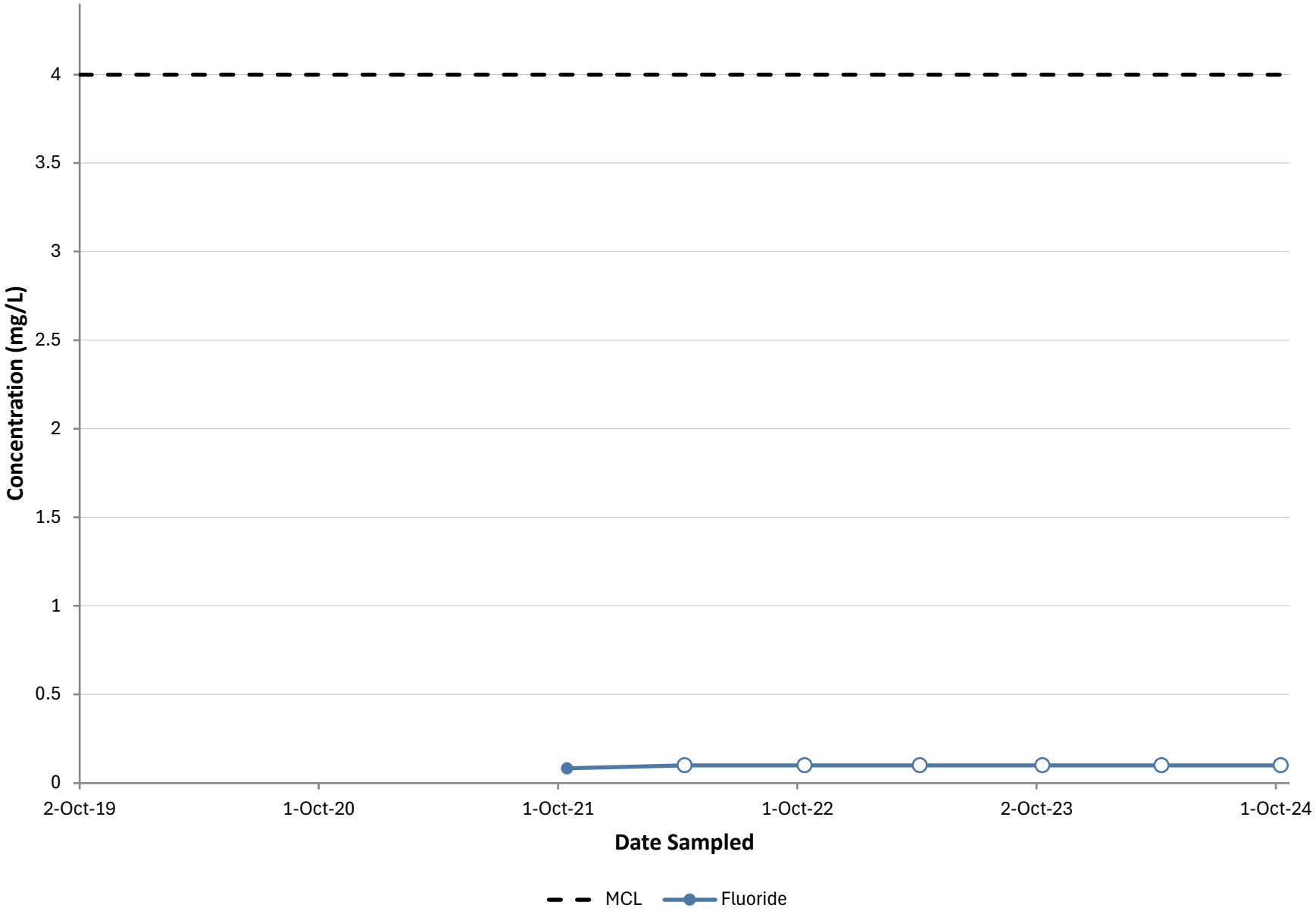
W-119

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



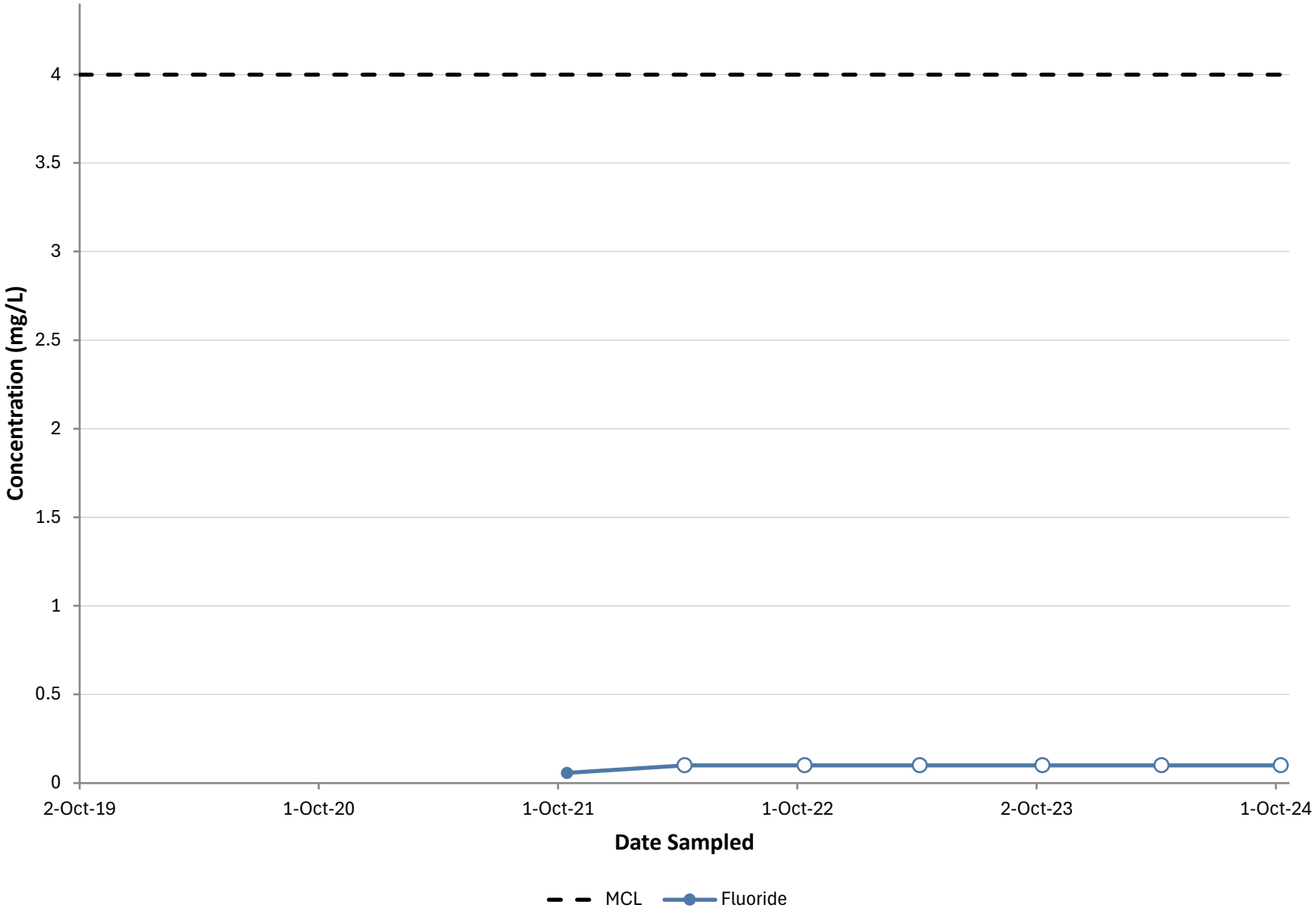
W-120

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



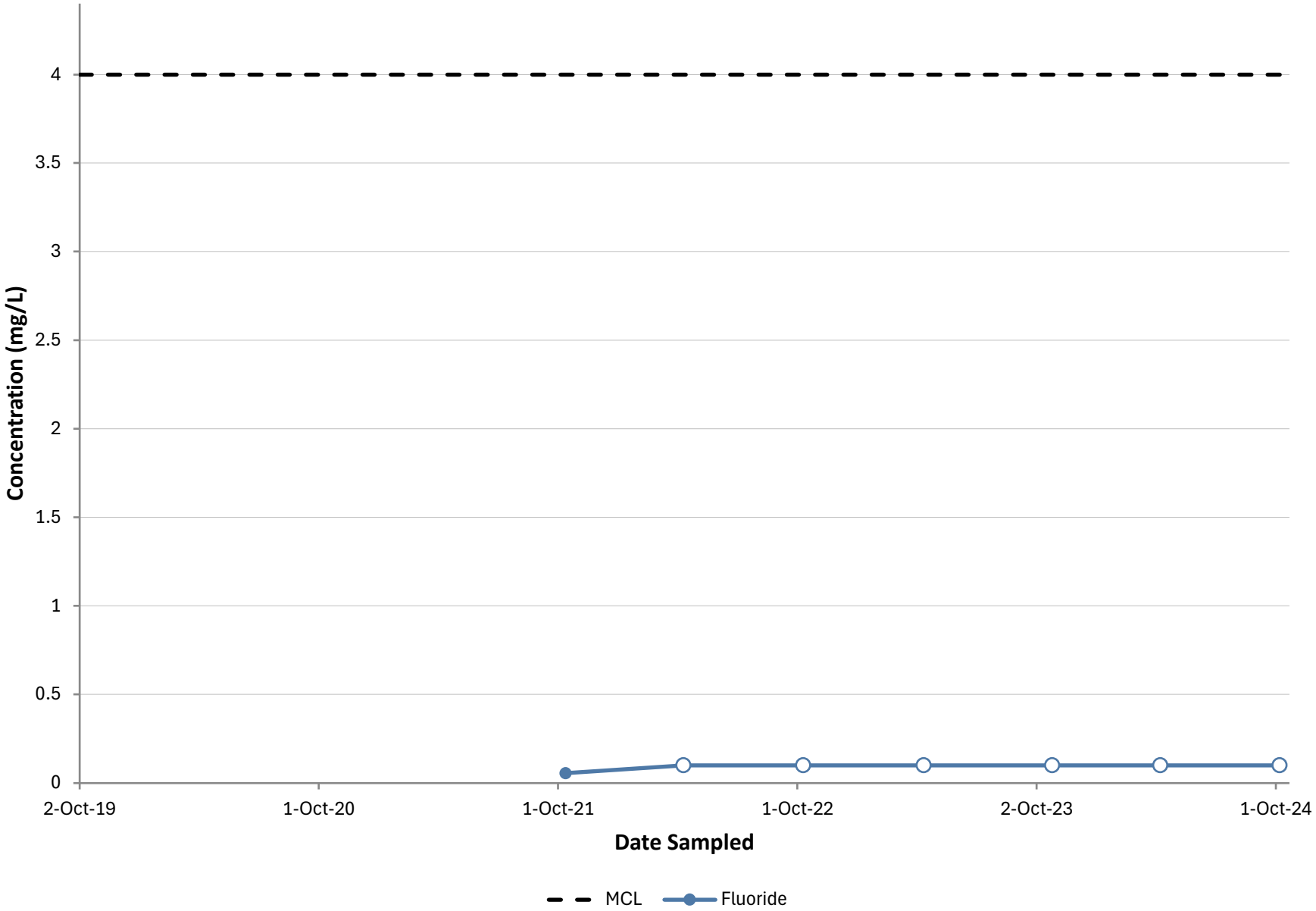
W-121

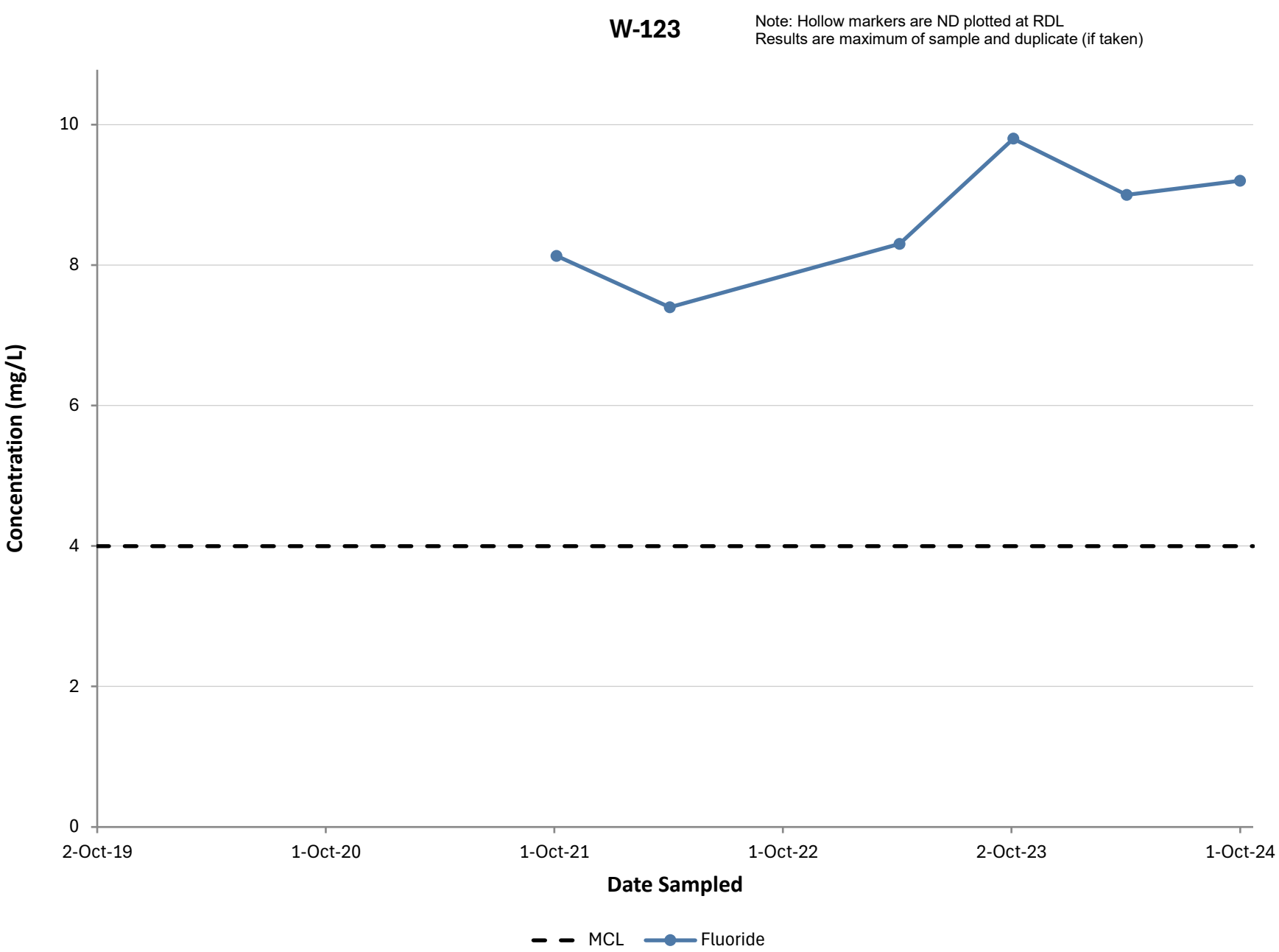
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-122

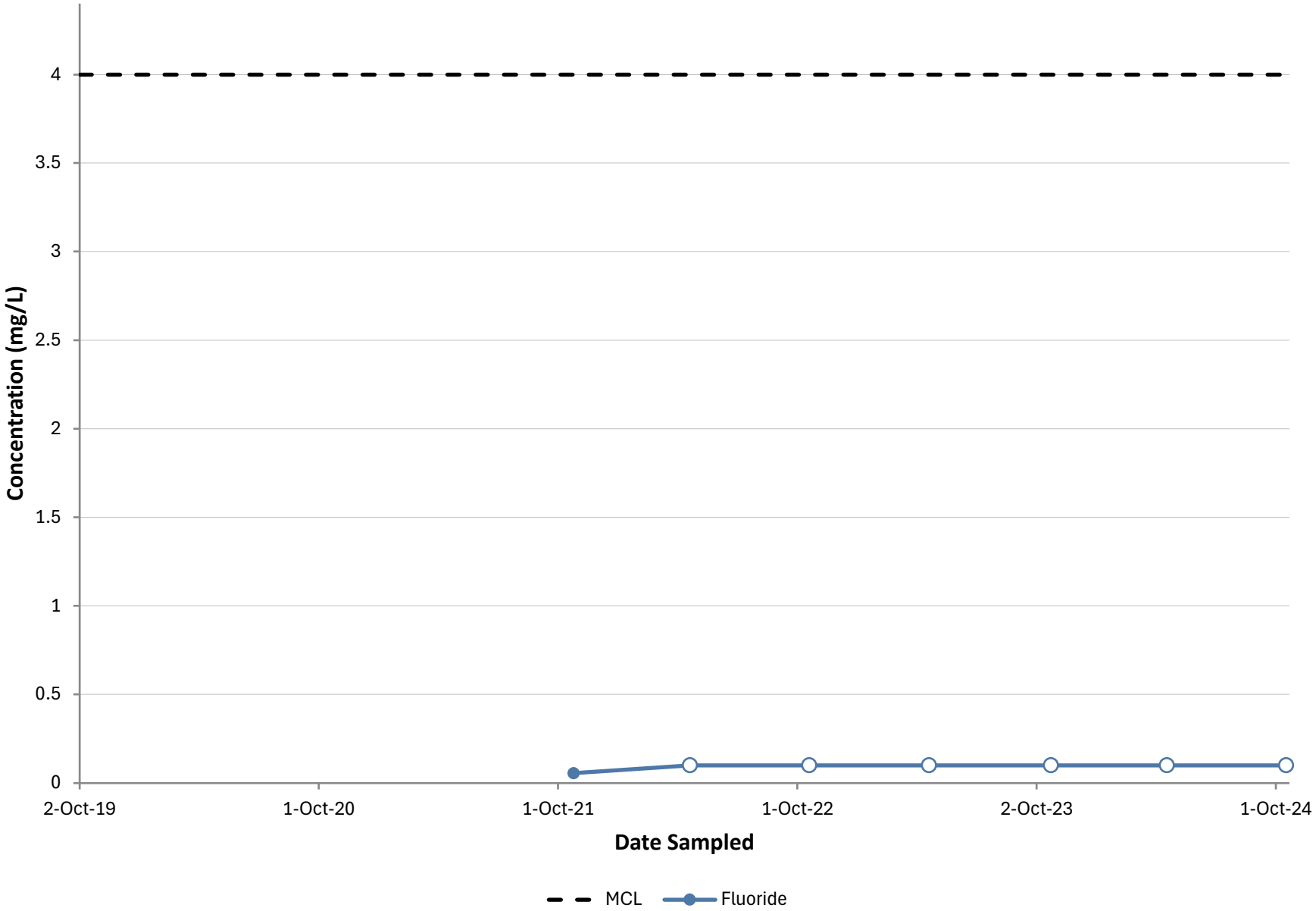
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

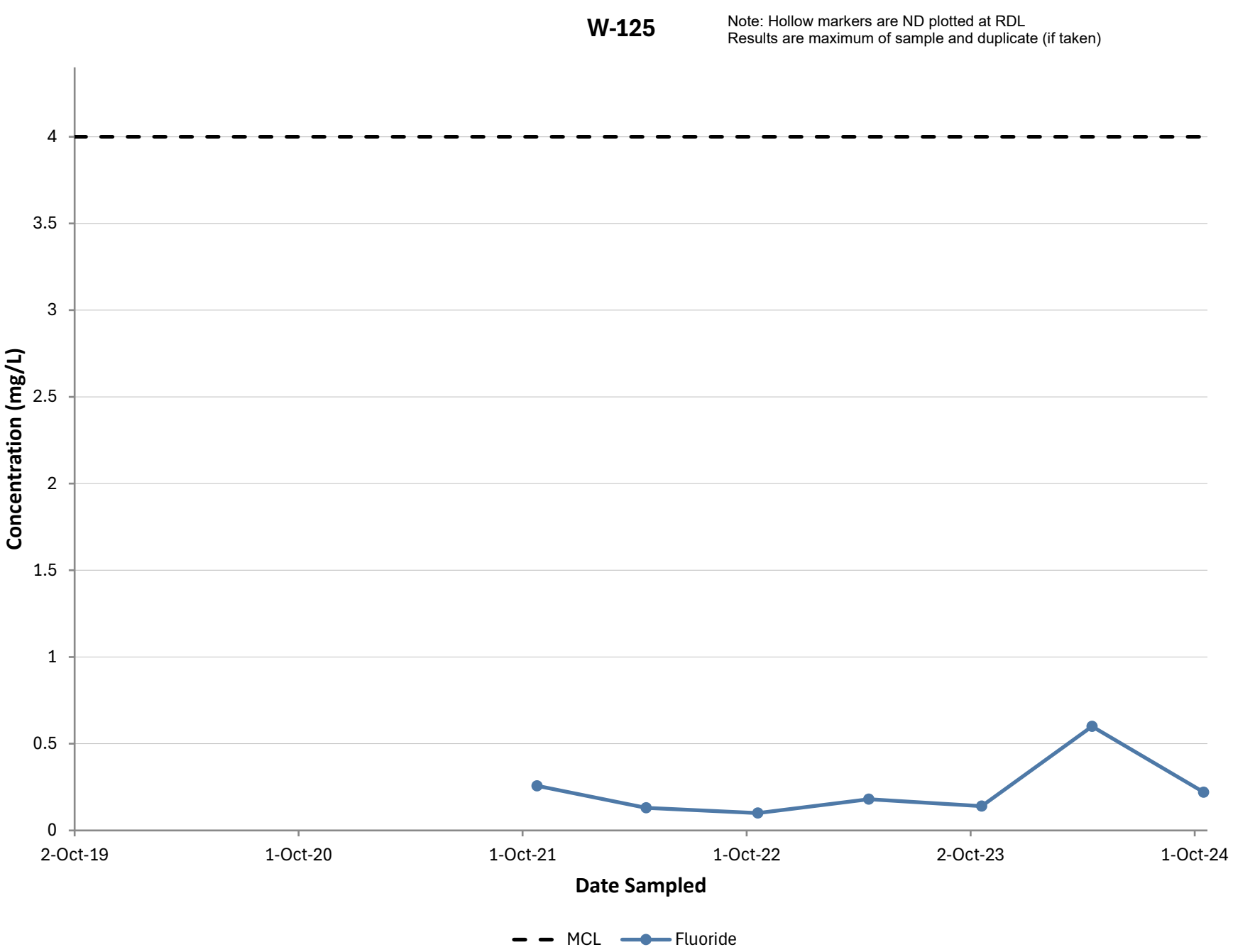


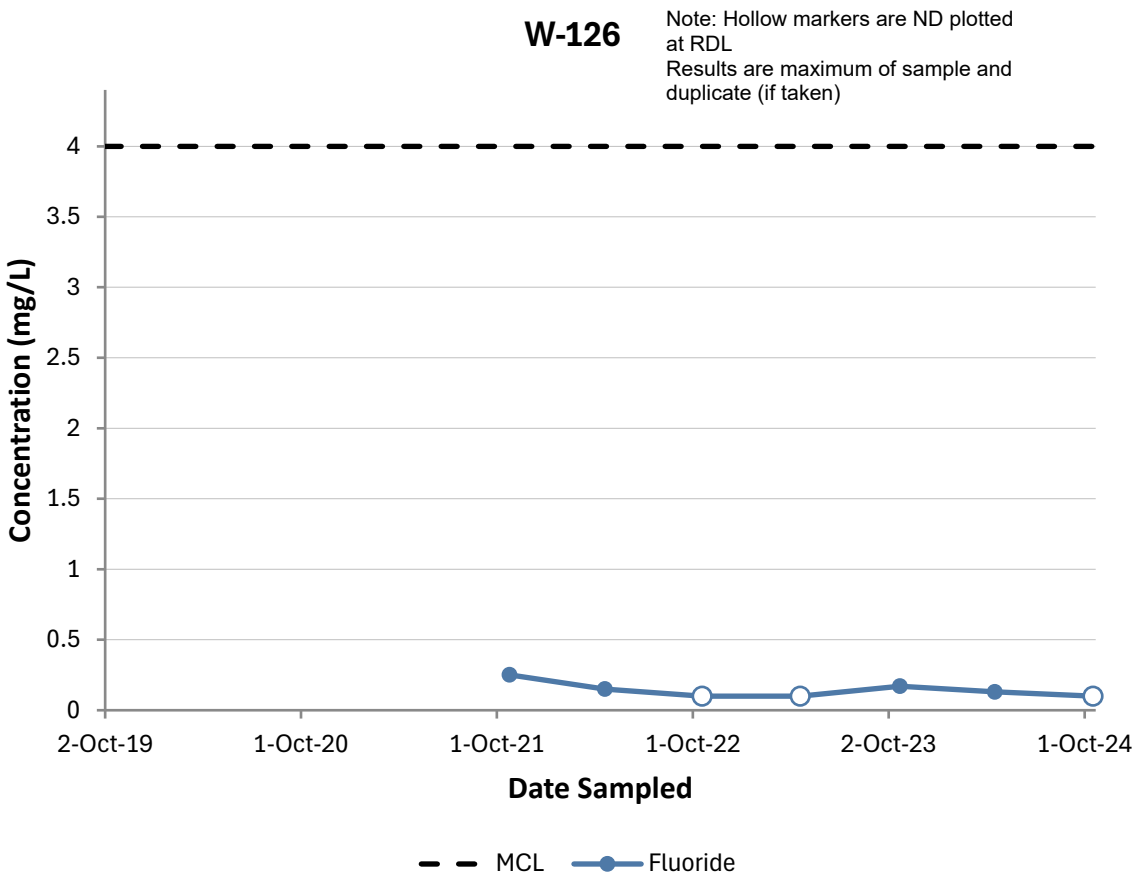

W-123
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
10
8
6
4
2
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

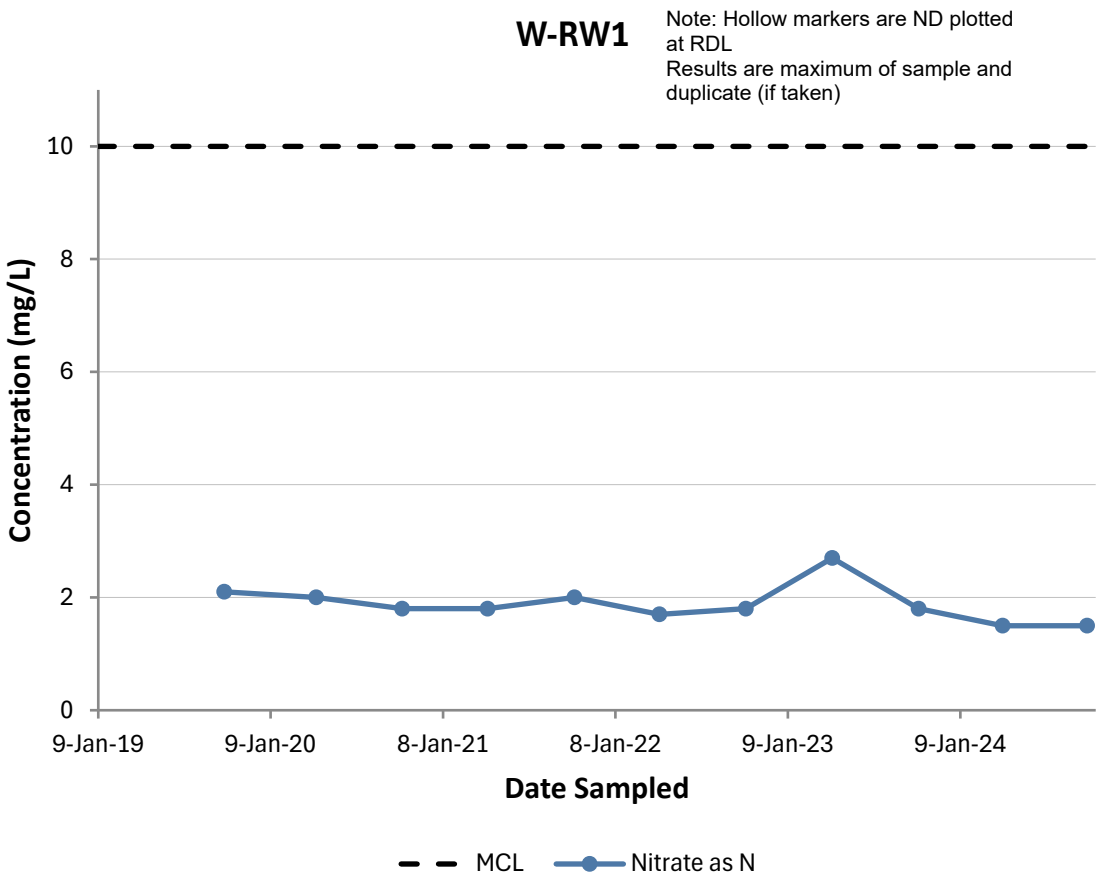
W-124

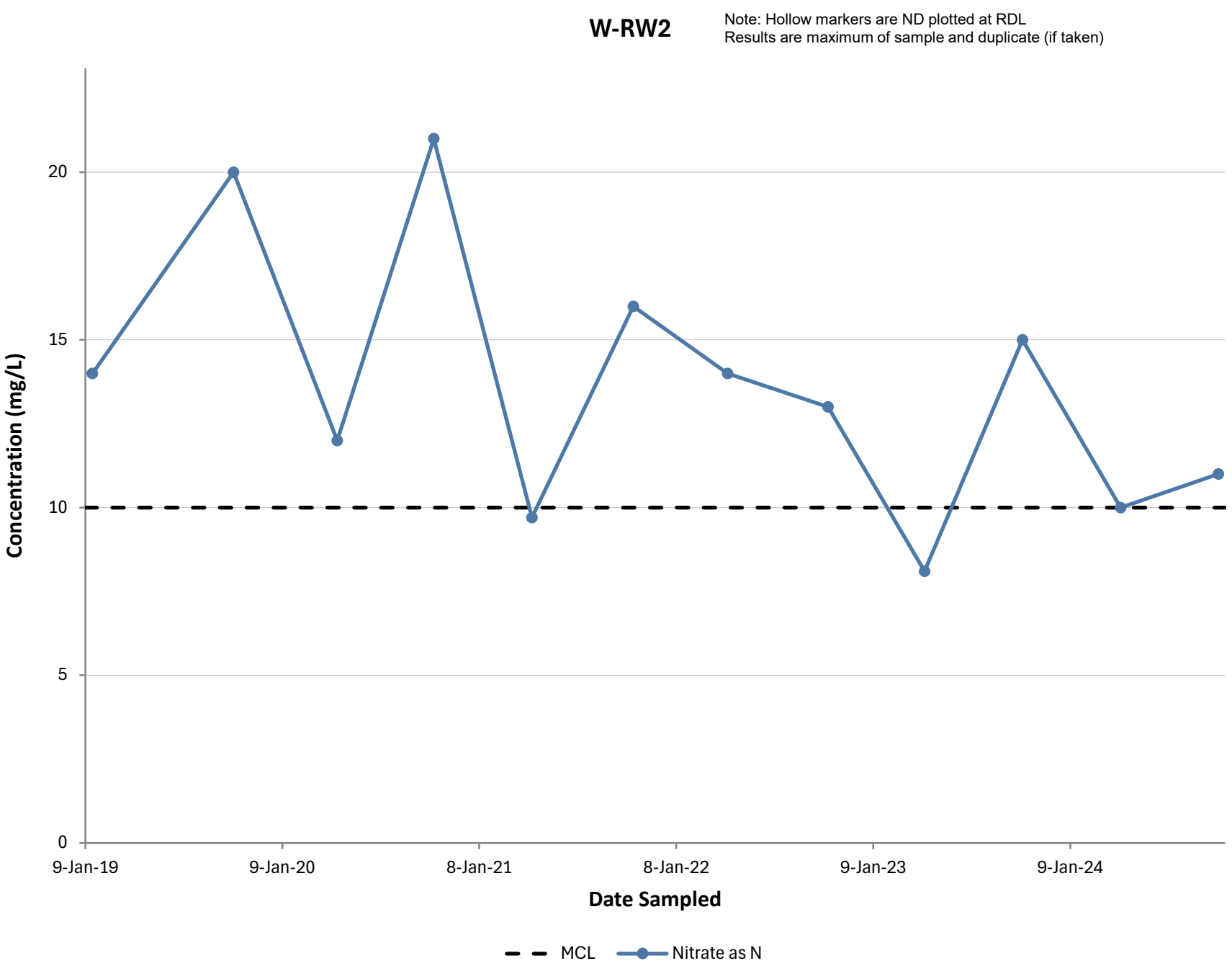
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

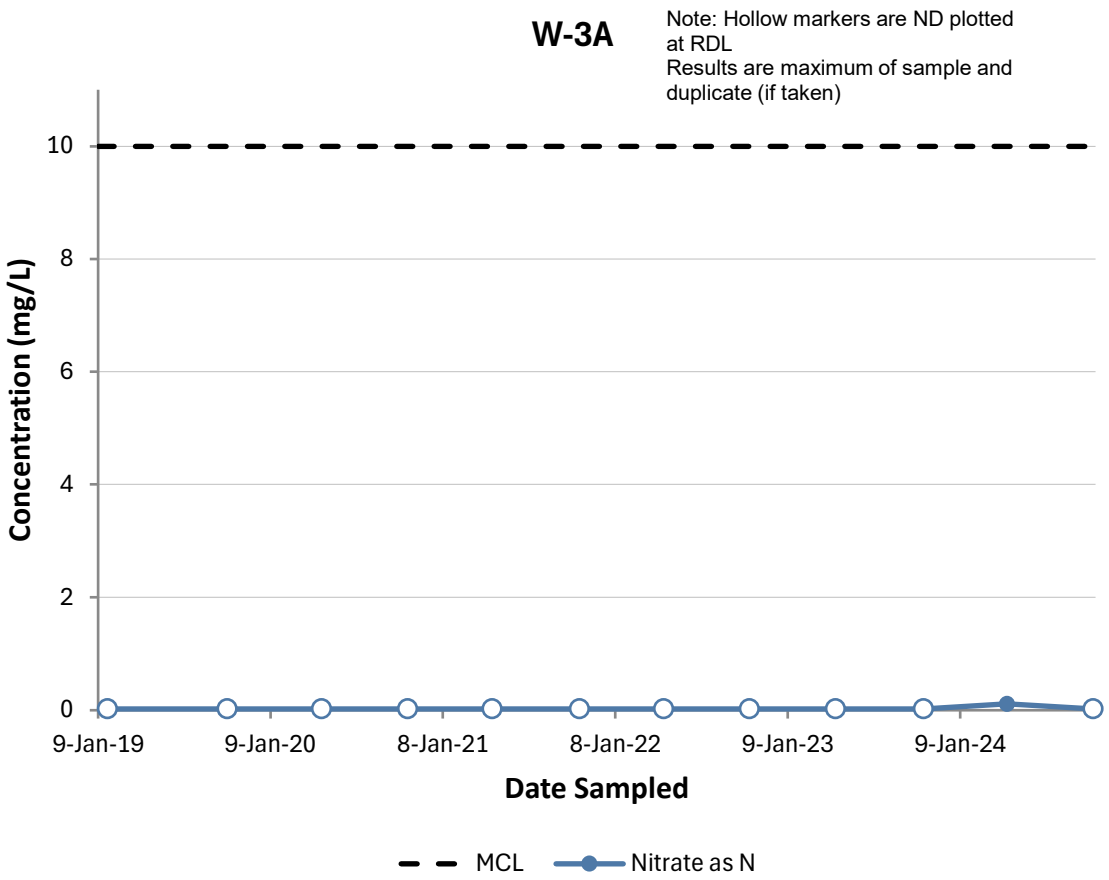


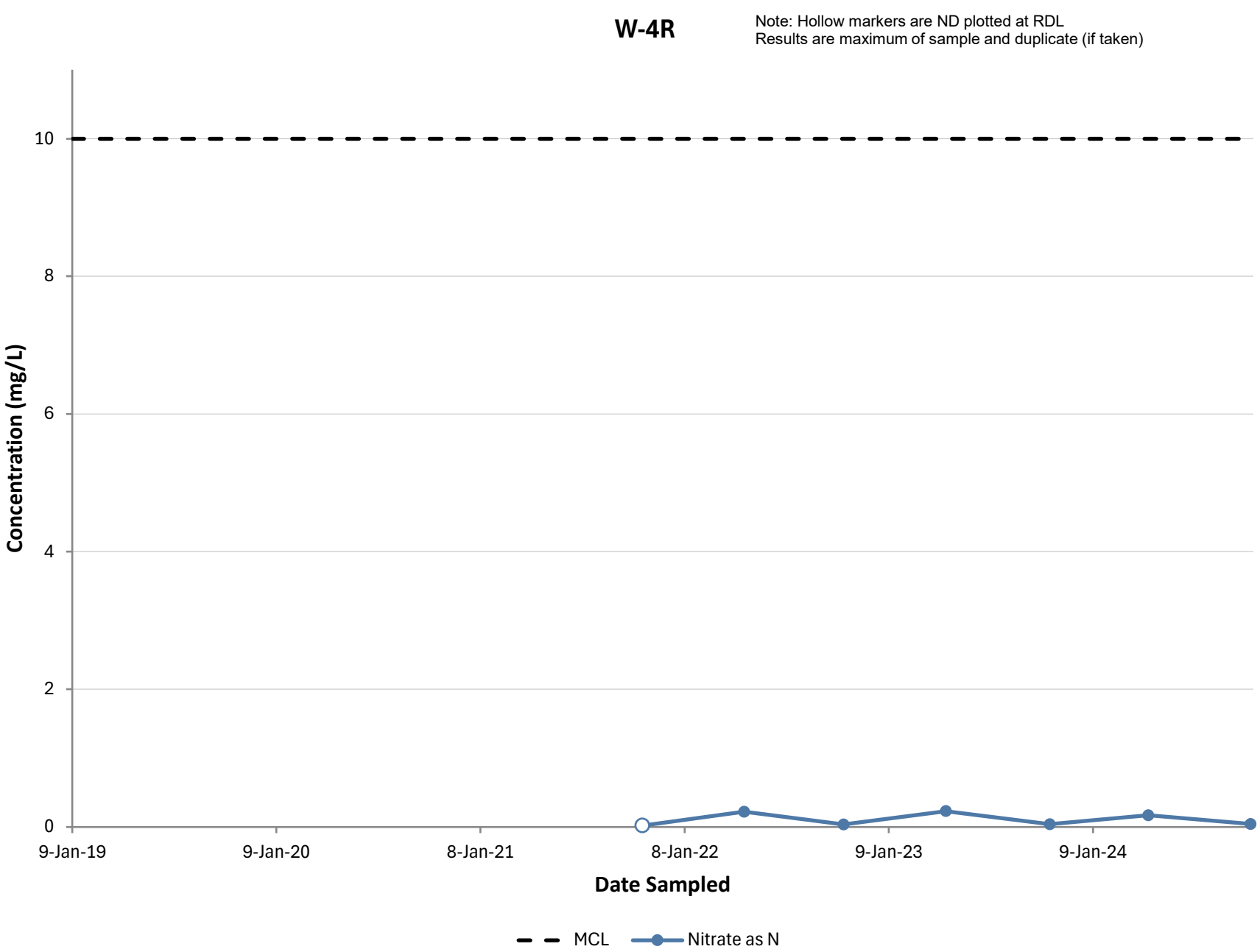

W-125
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

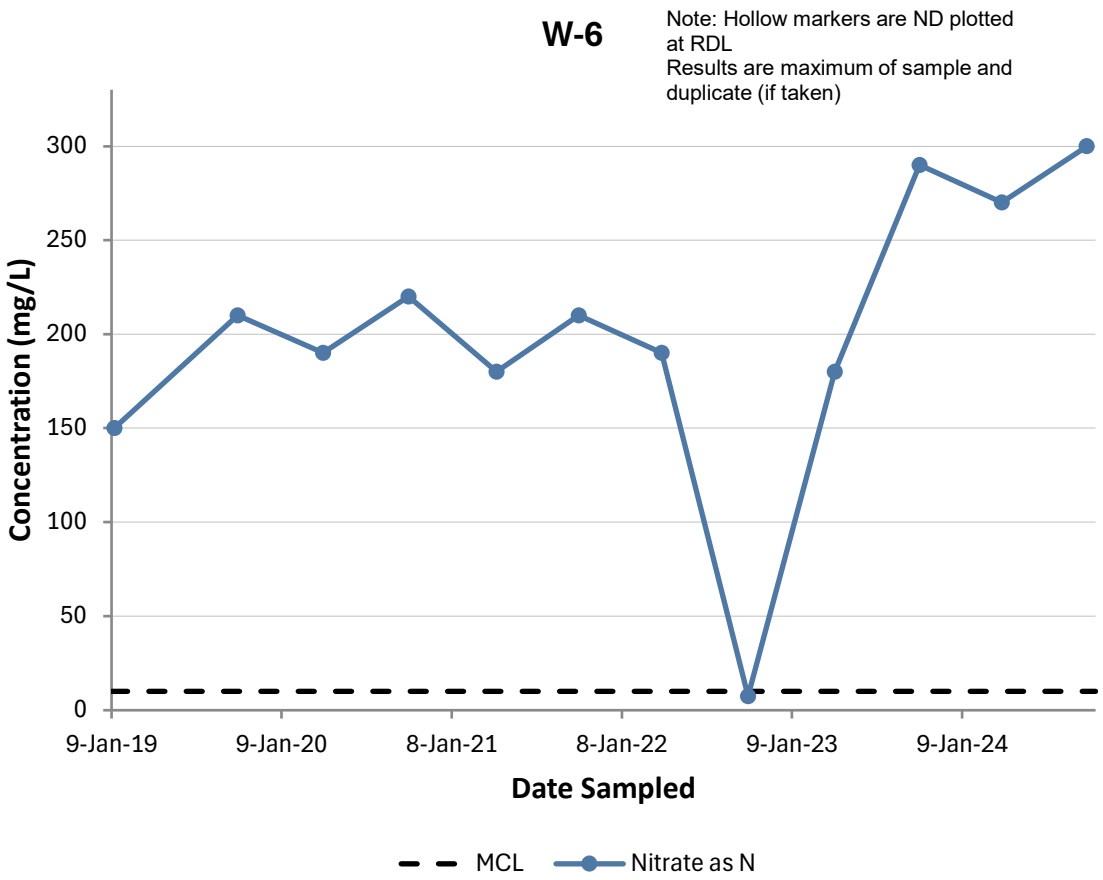

W-126
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
2-Oct-19
1-Oct-20
1-Oct-21
1-Oct-22
2-Oct-23
1-Oct-24
Date Sampled
MCL
Fluoride

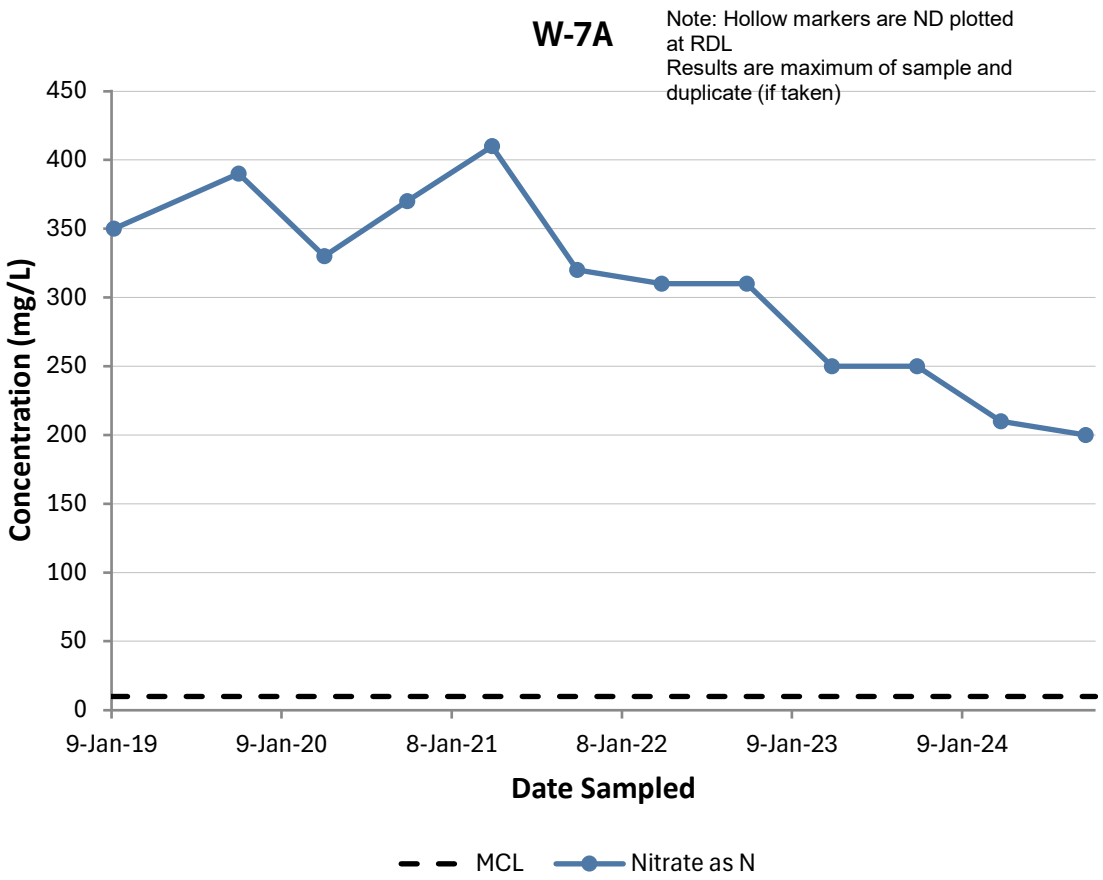

W-RW1
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
10
8
6
4
2
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

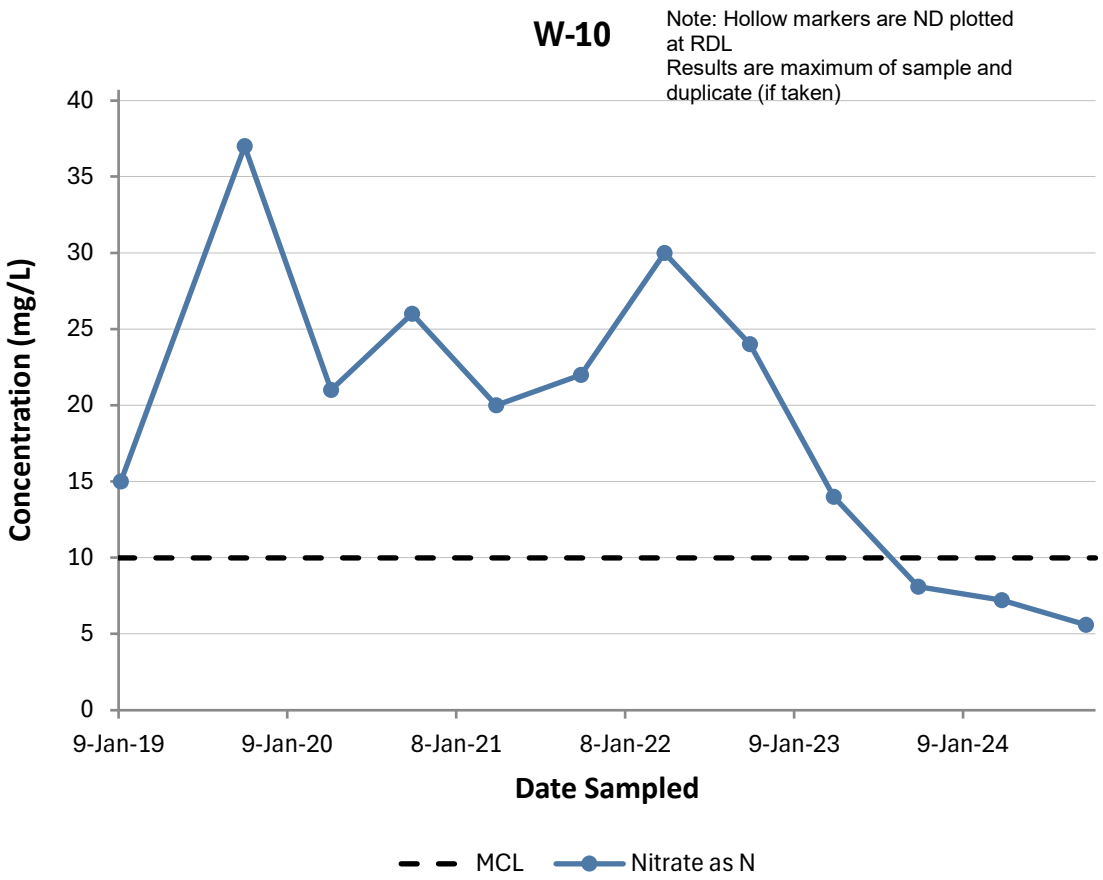

W-RW2
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

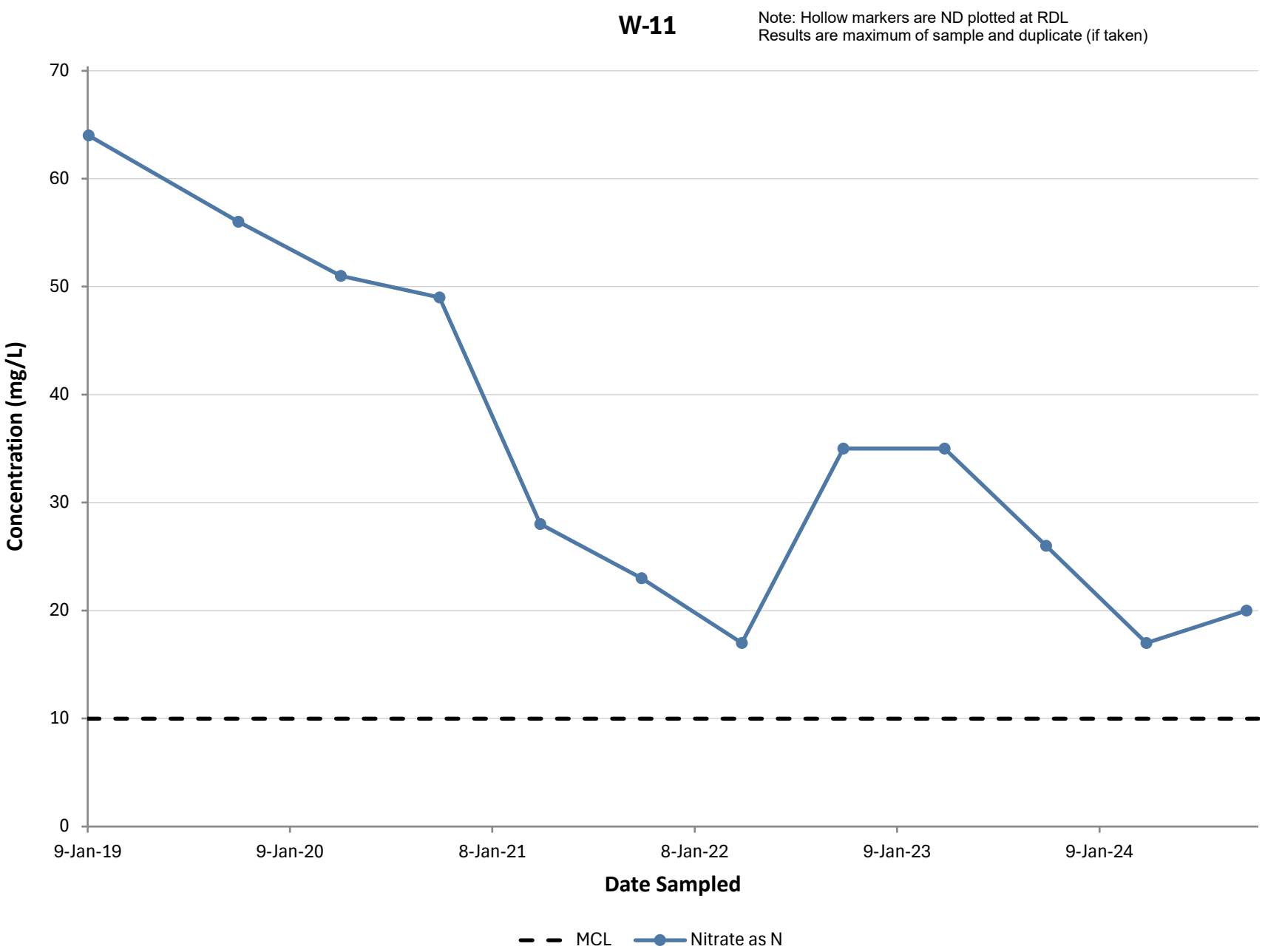

W-3A
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
10
8
6
4
2
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

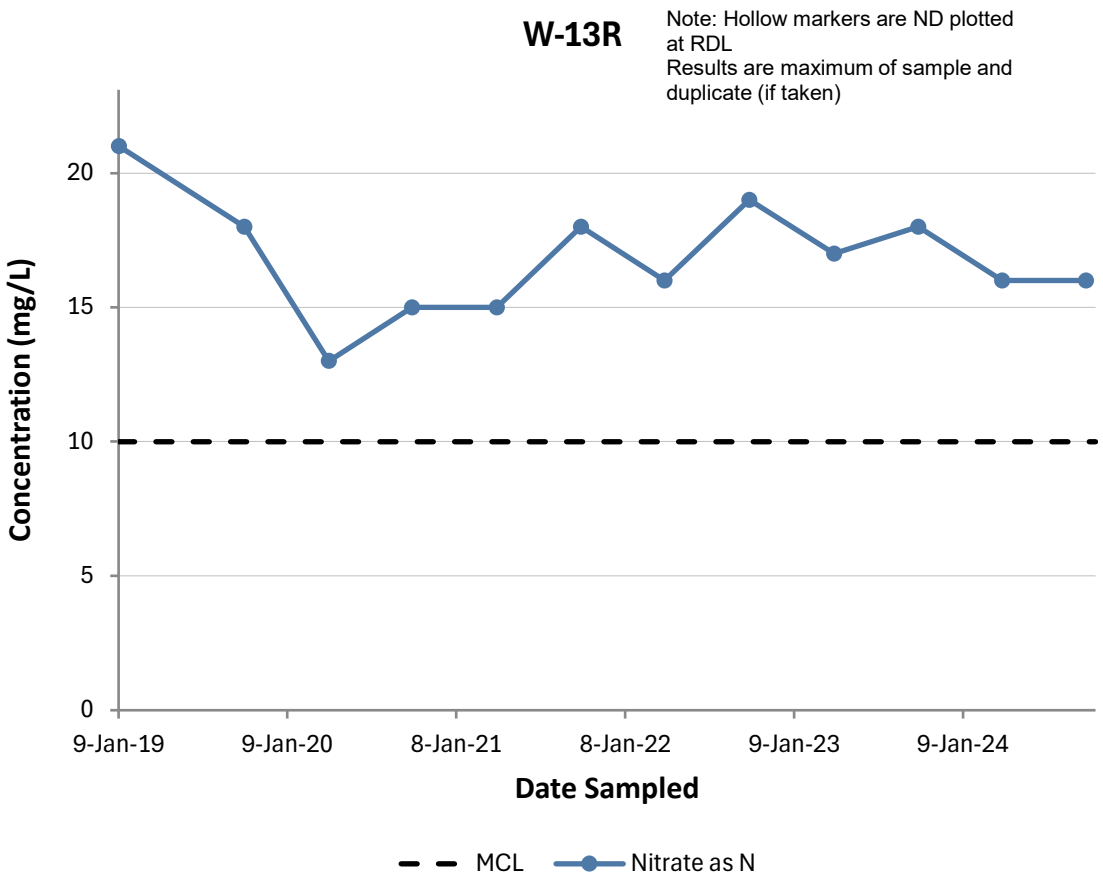

W-4R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-6
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
300
250
200
150
100
50
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-7A
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

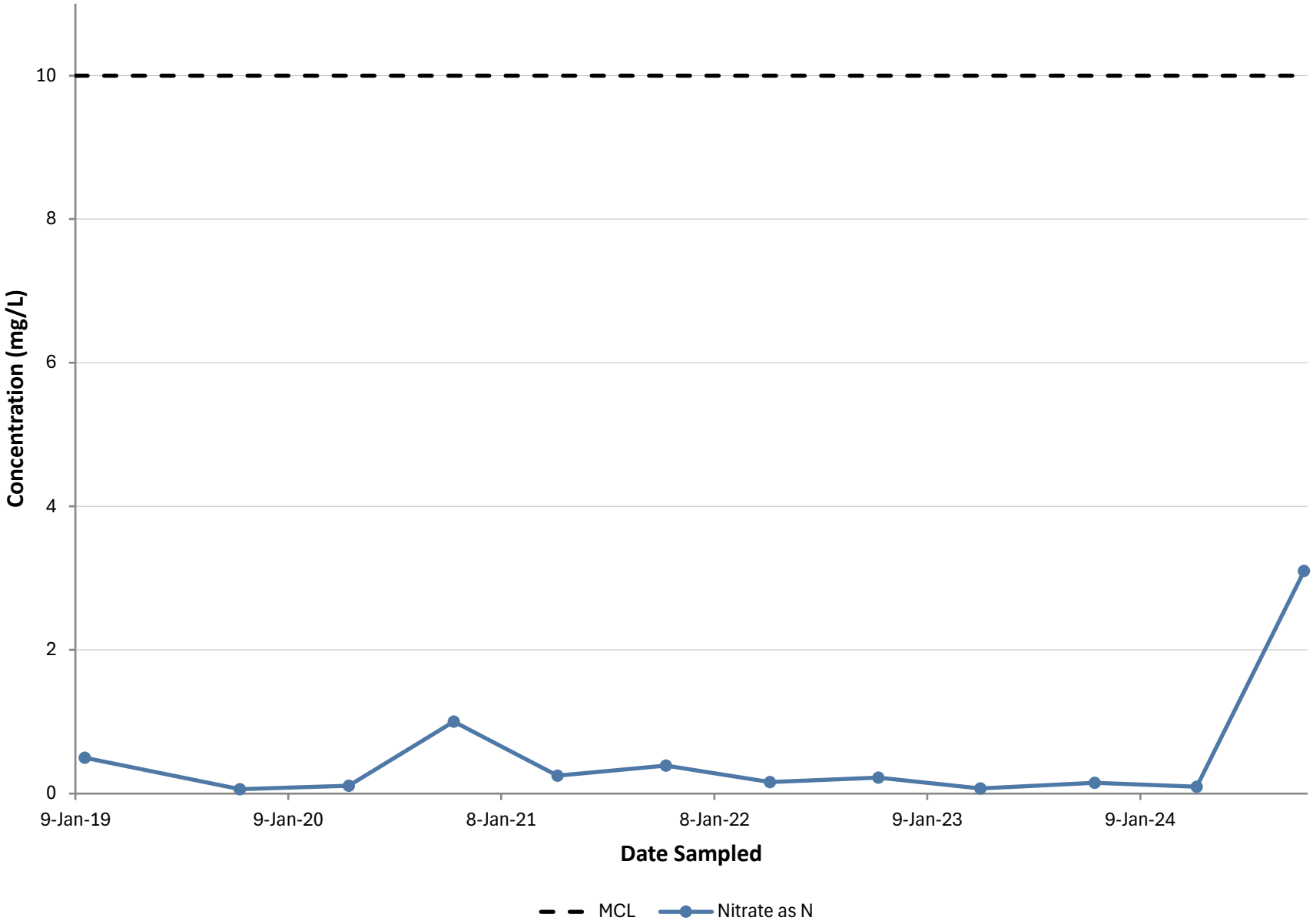

W-10
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
40
35
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

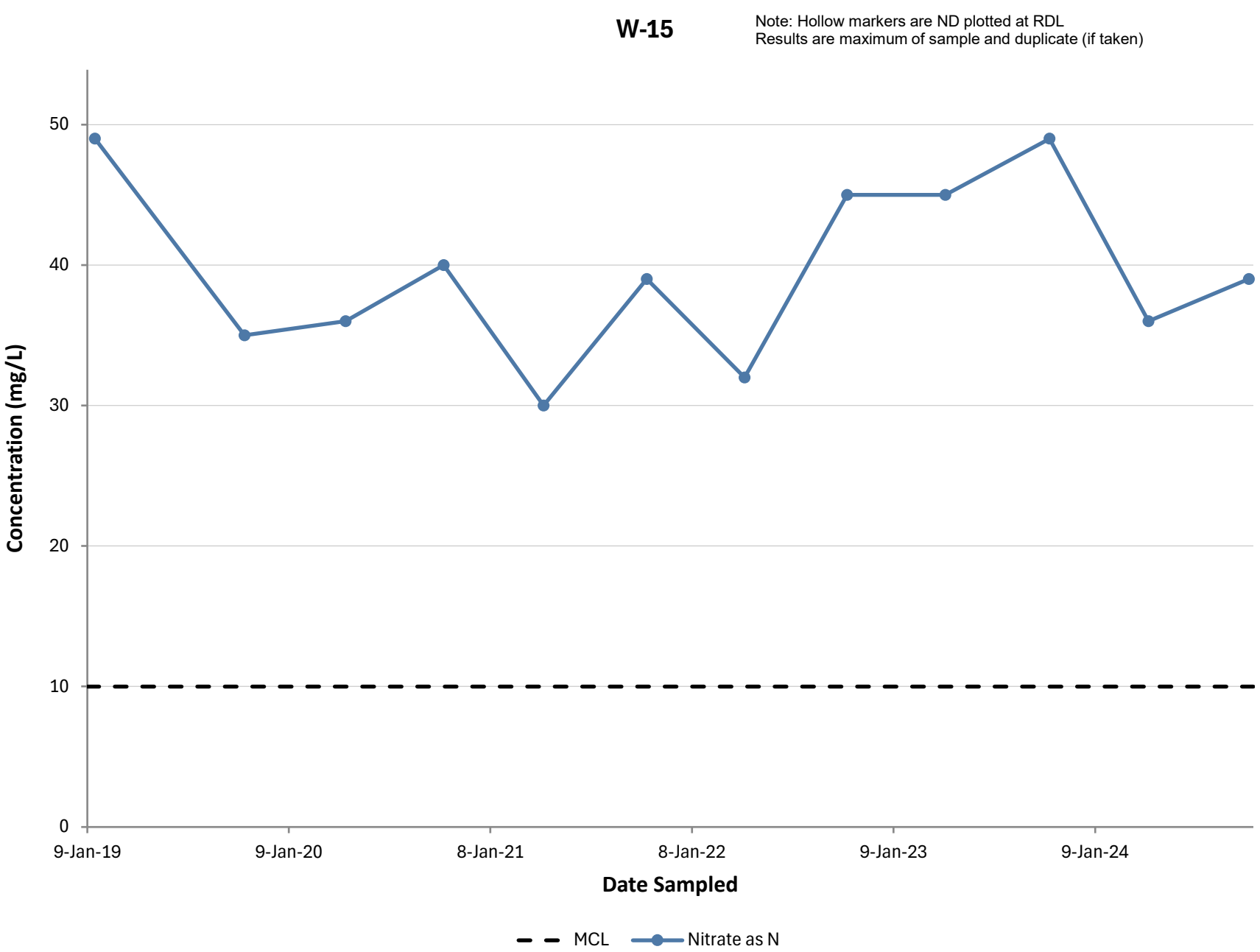

W-11
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
70
60
50
40
30
20
10
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-13R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

W-14

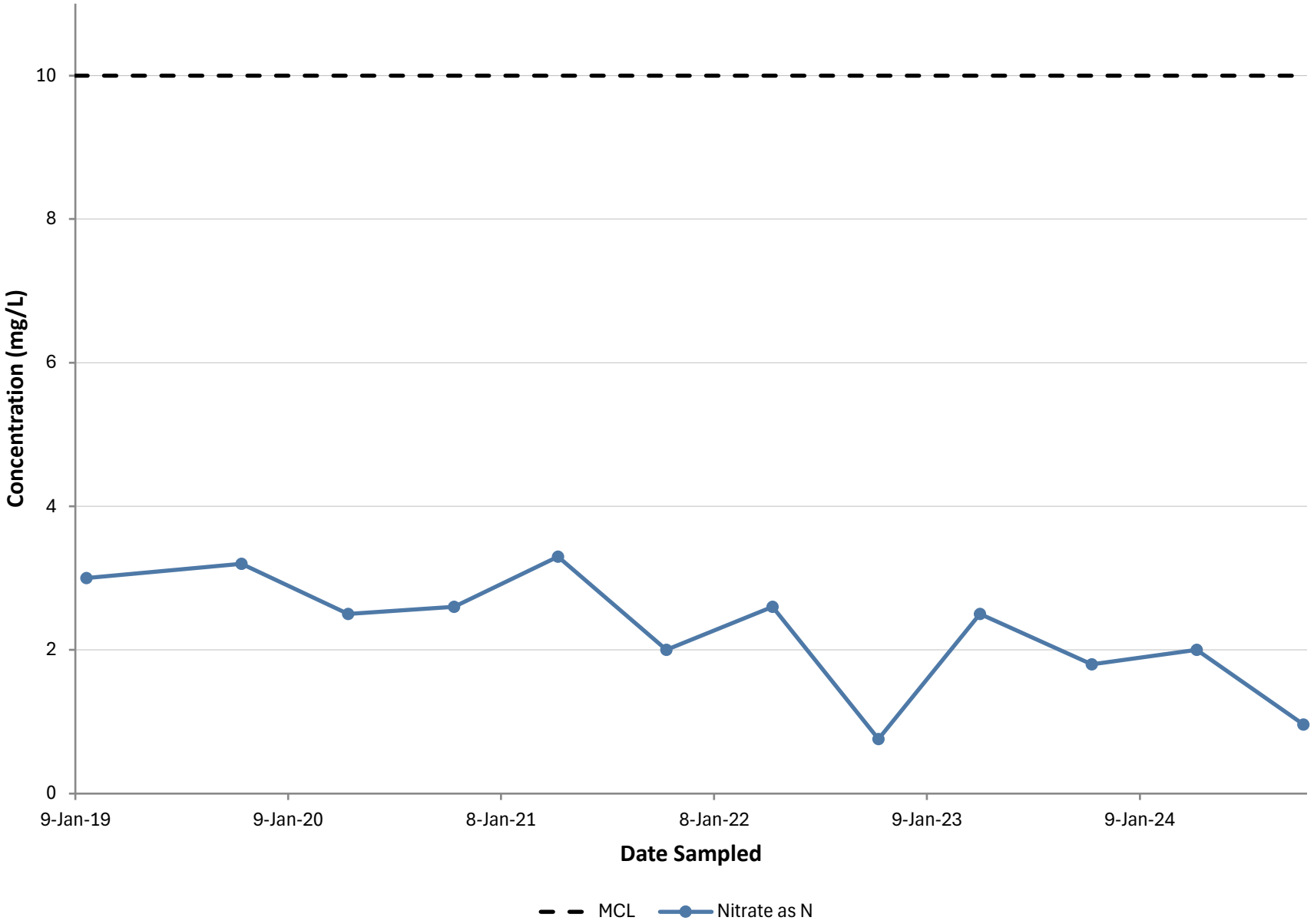
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

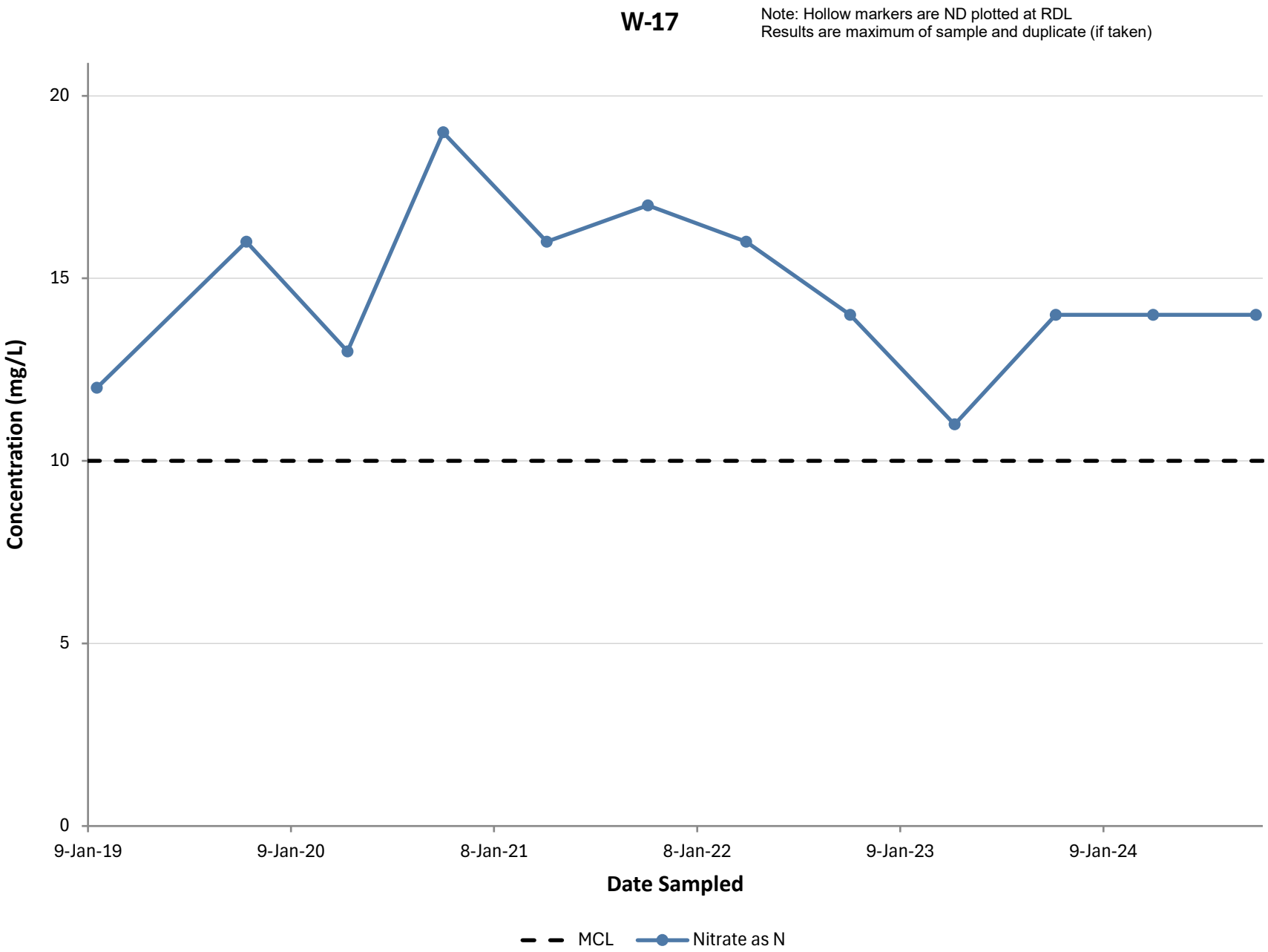


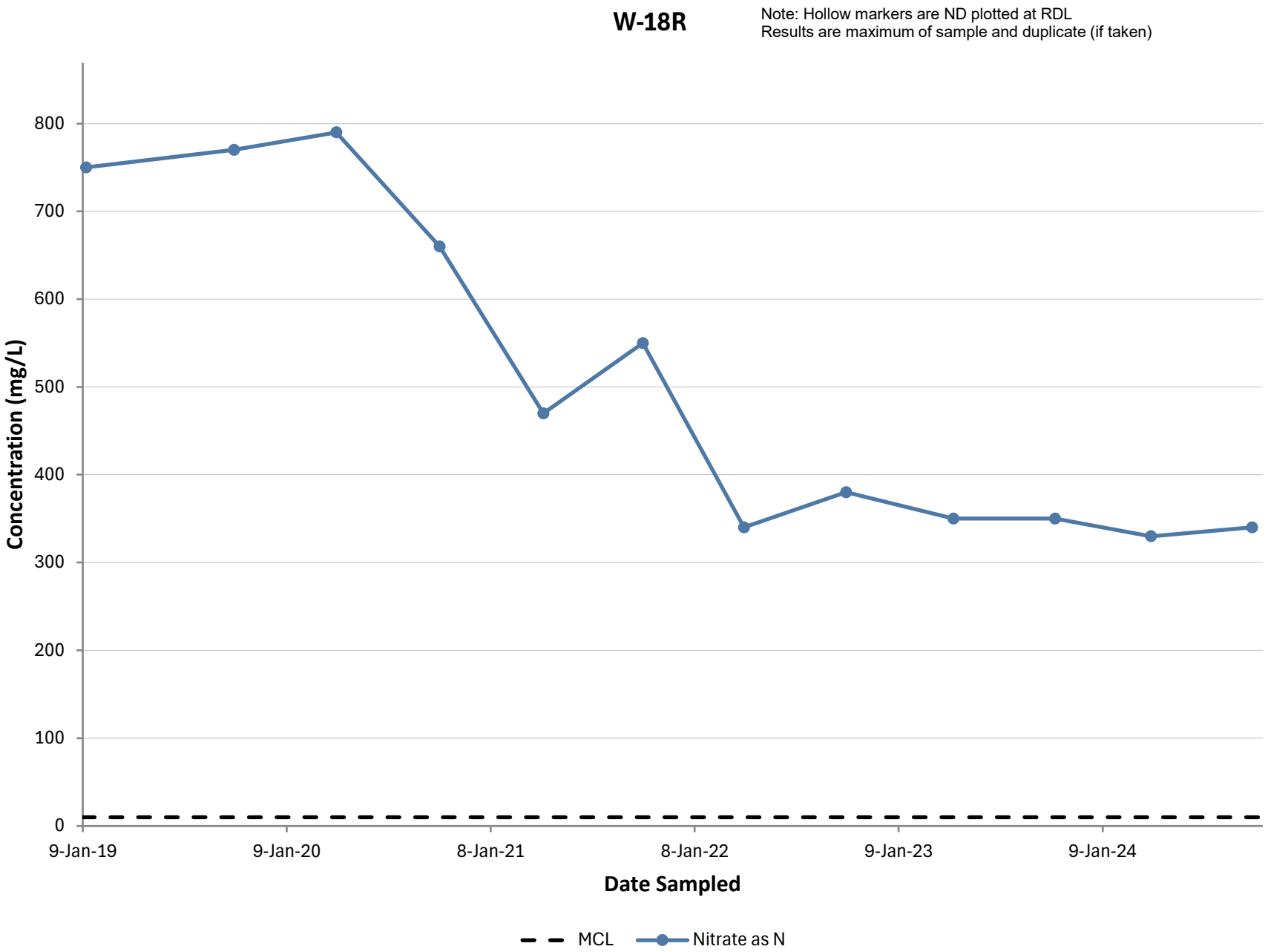

W-15
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
50
40
30
20
10
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

W-16

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

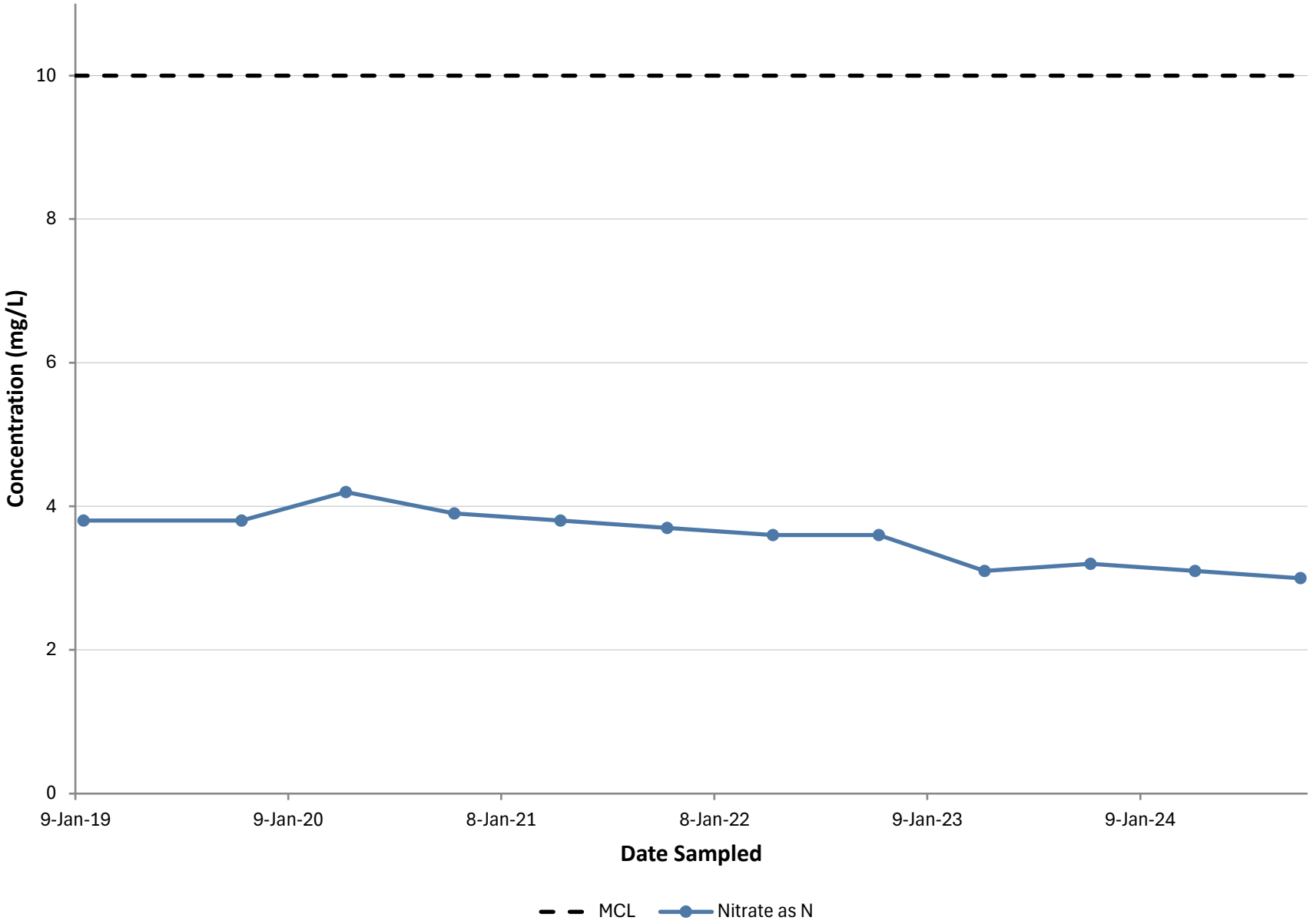



W-17
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-18R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
800
700
600
500
400
300
200
100
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

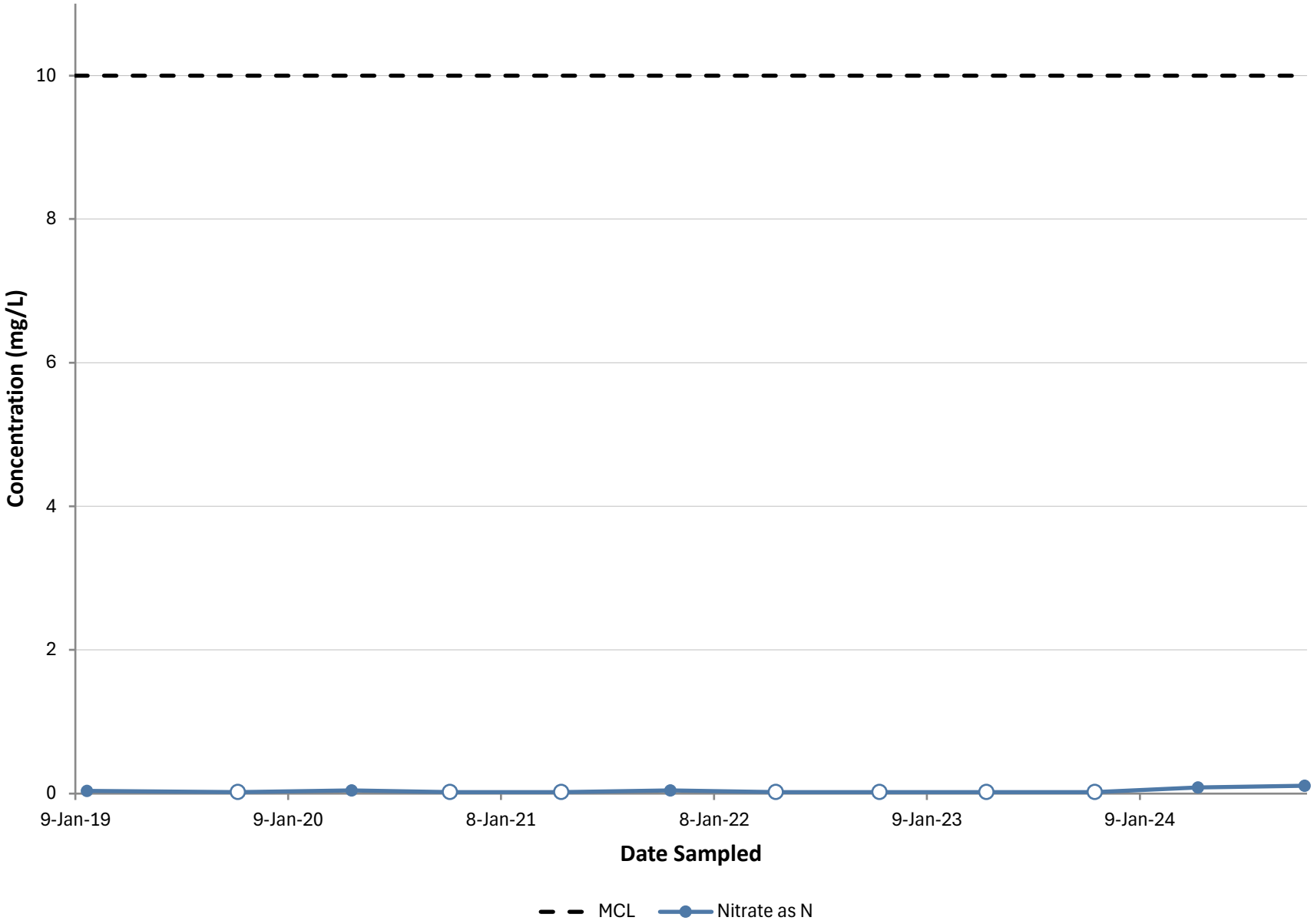
W-19B

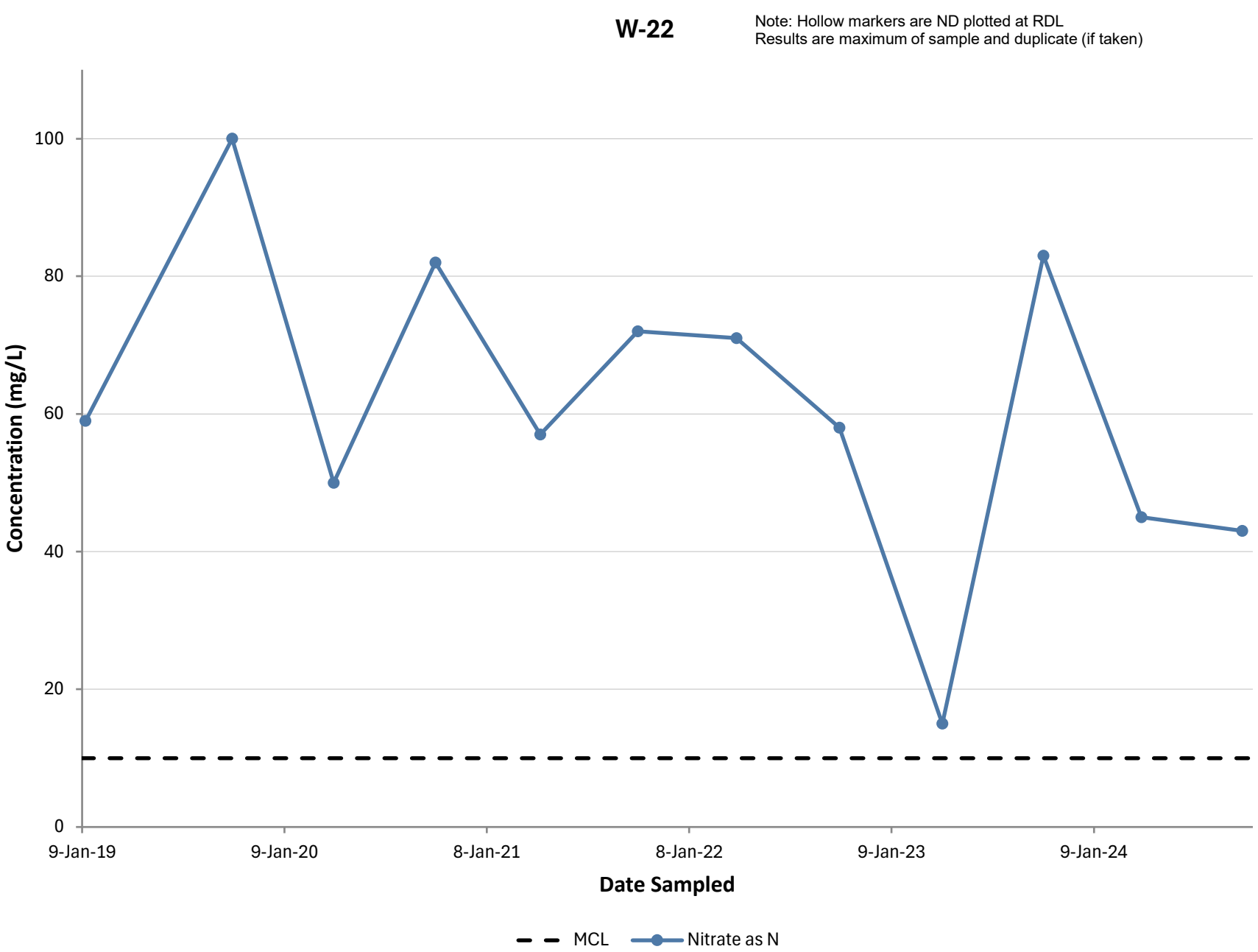
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

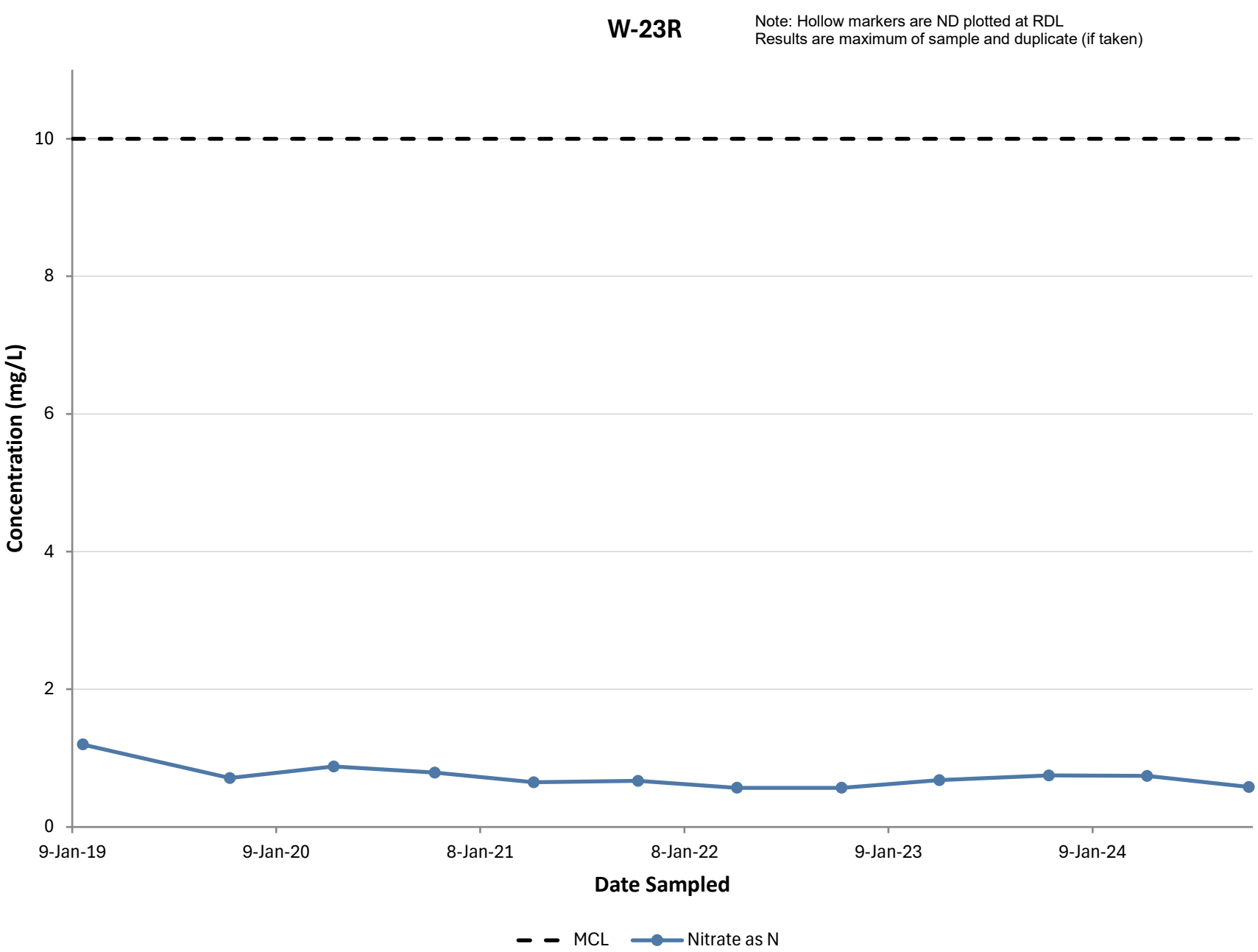


W-20

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

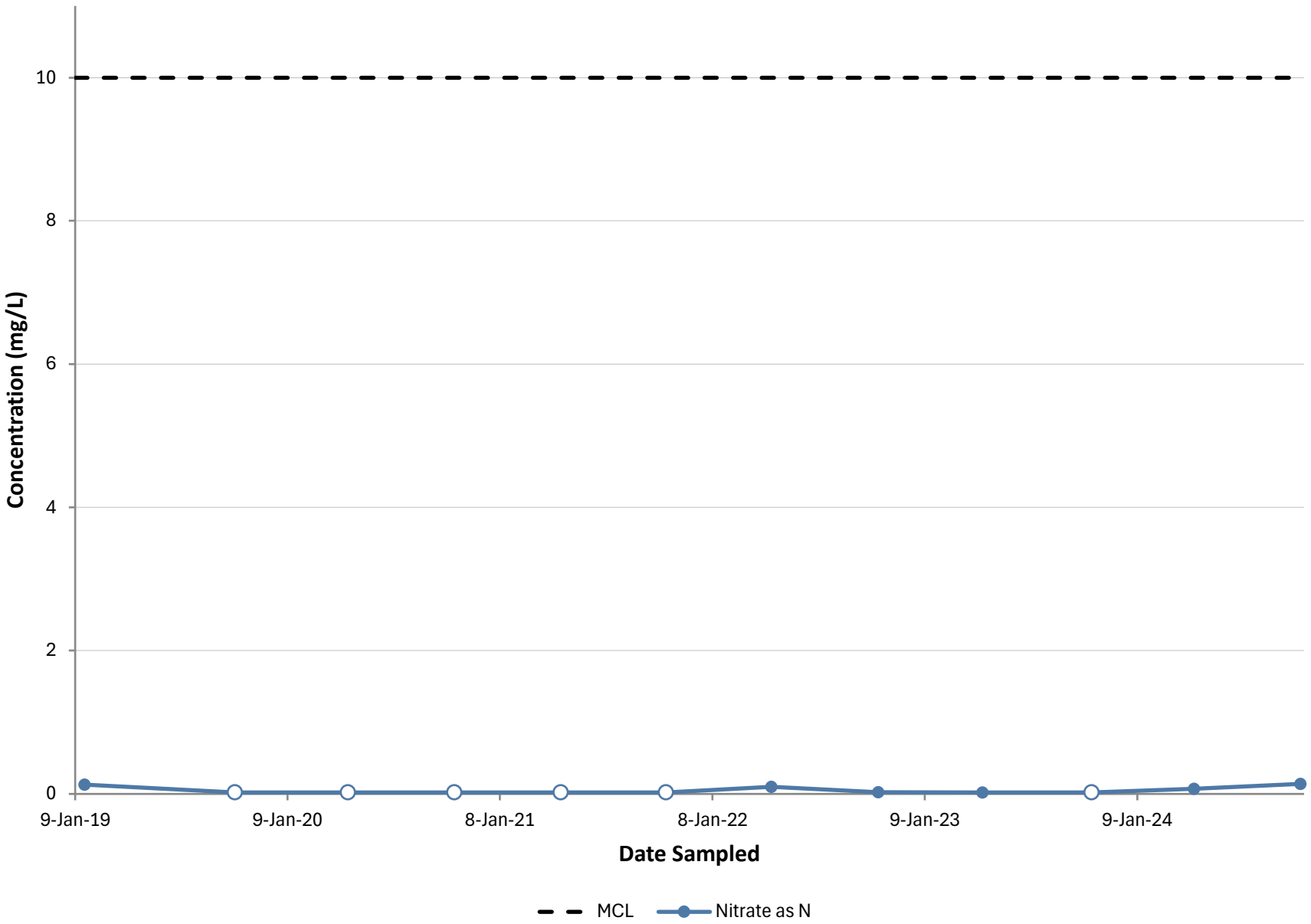



W-22
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
100
80
60
40
20
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-23R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

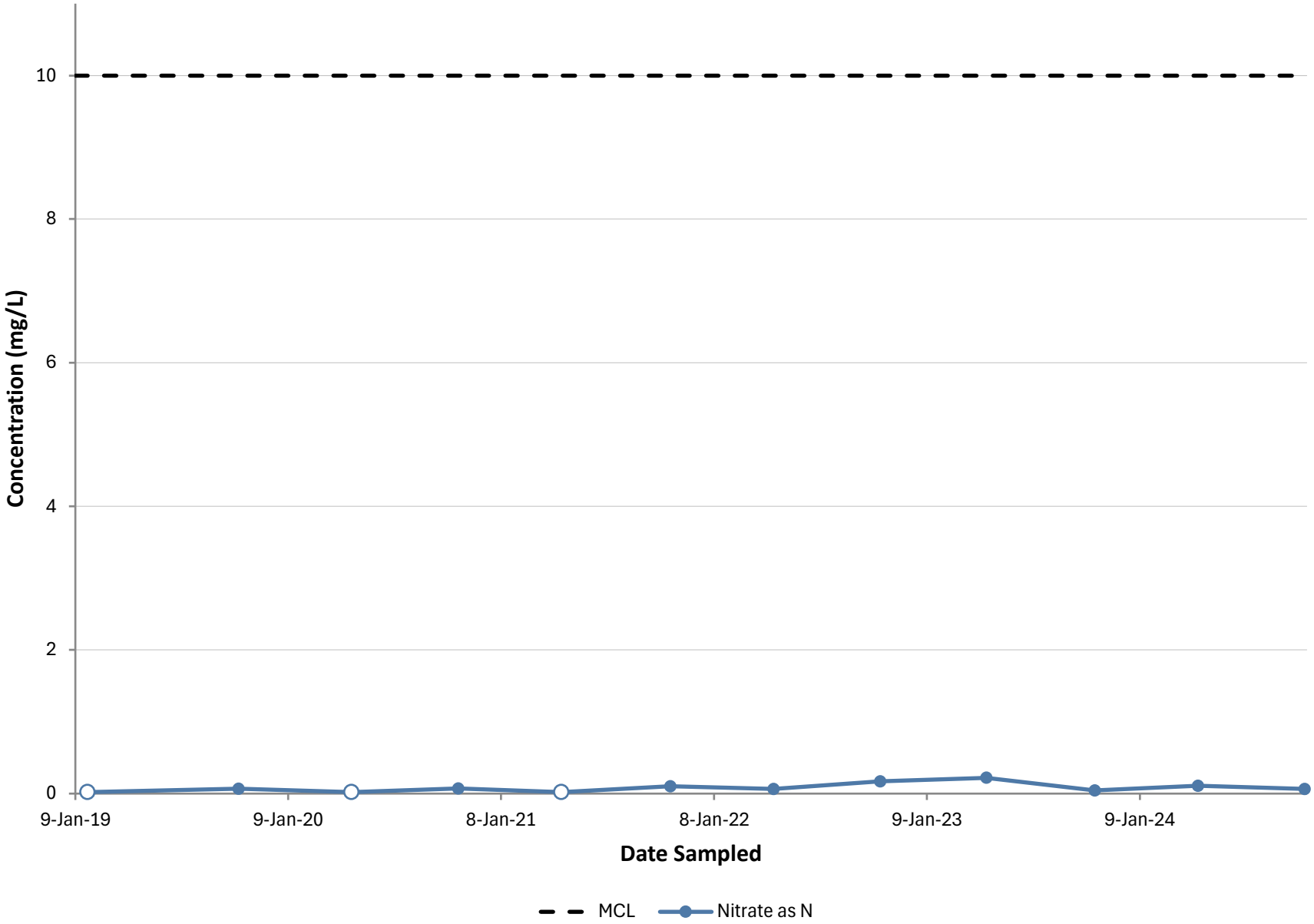
W-24

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



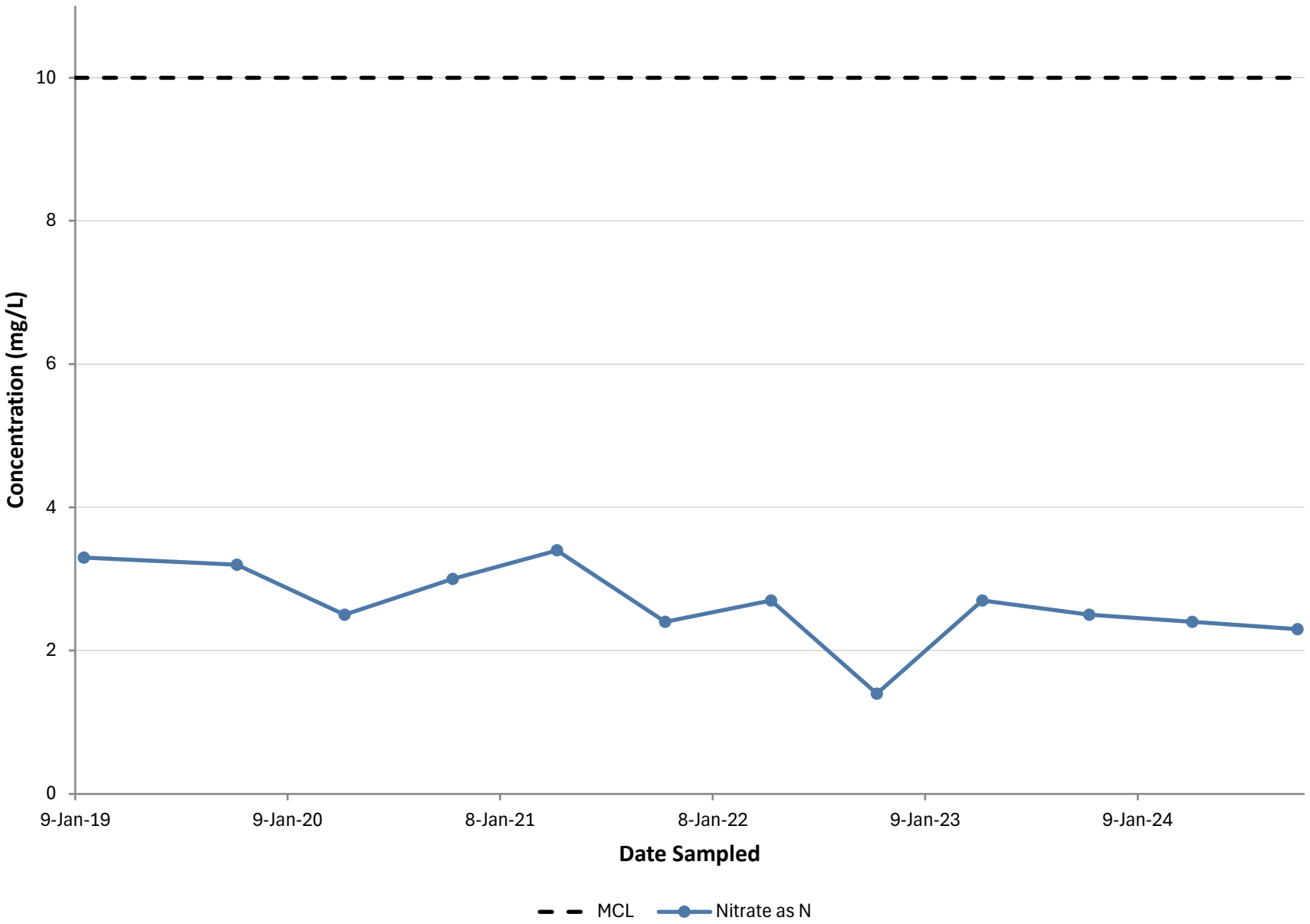
W-25

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



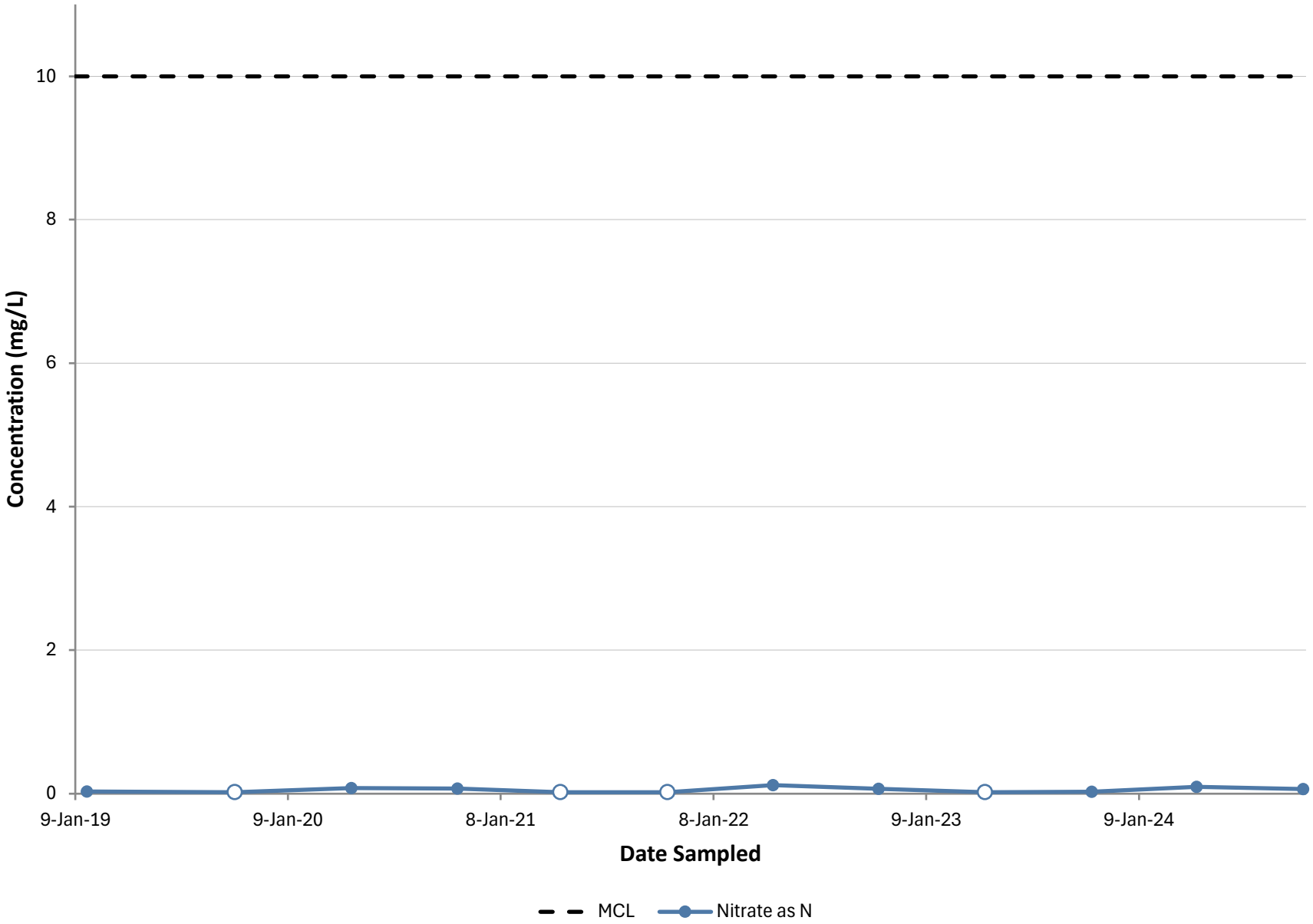
W-26

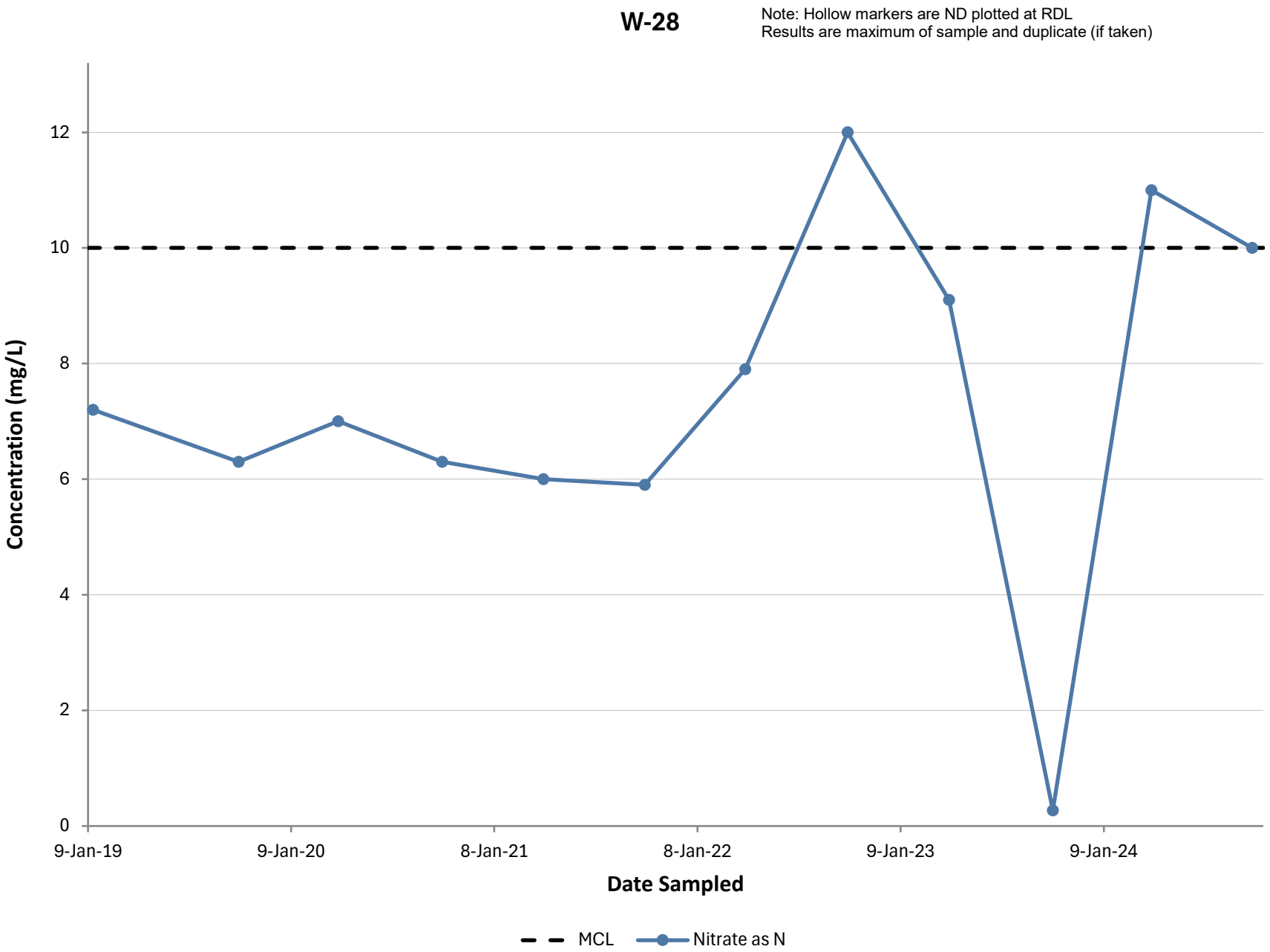
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

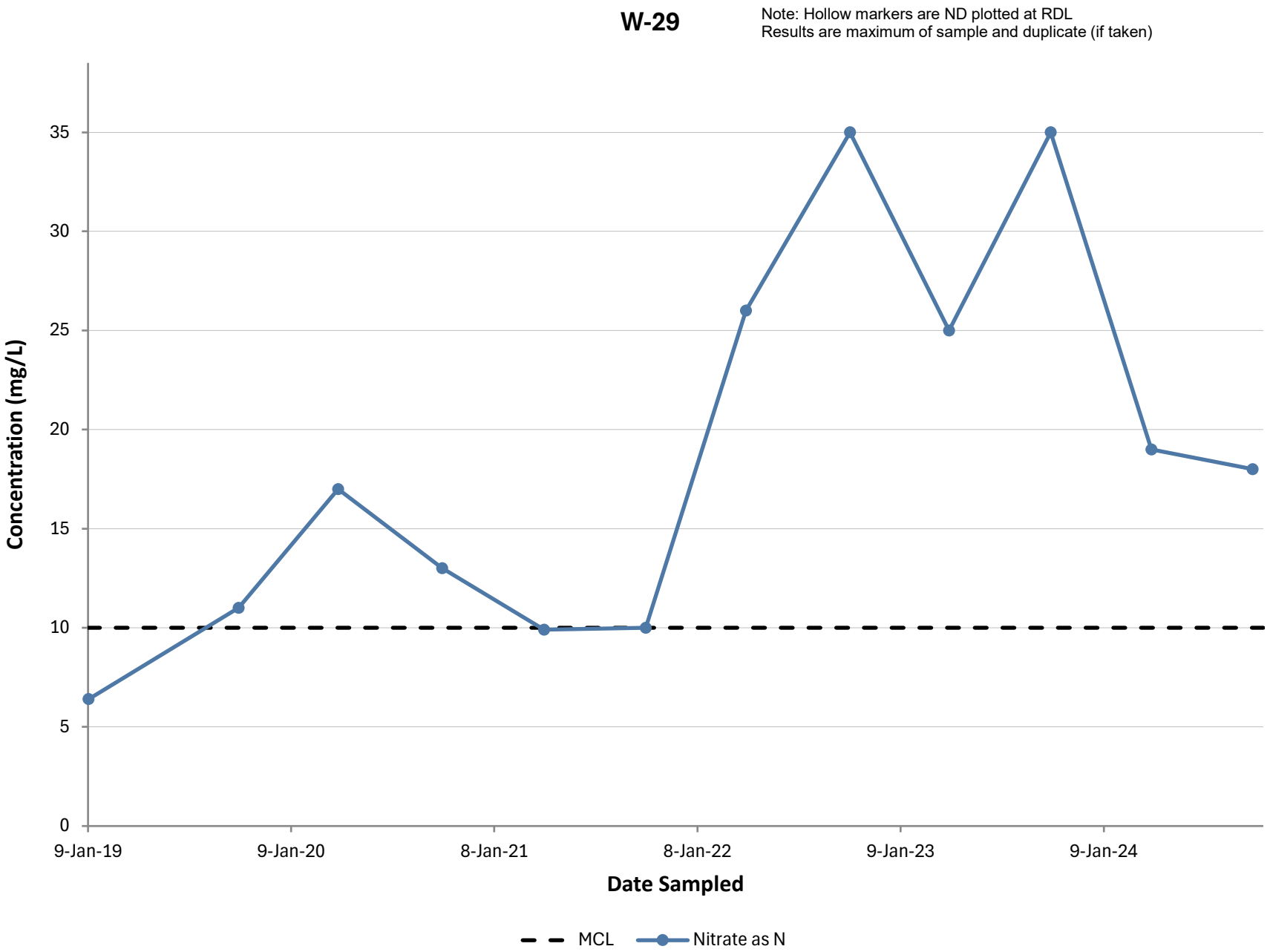


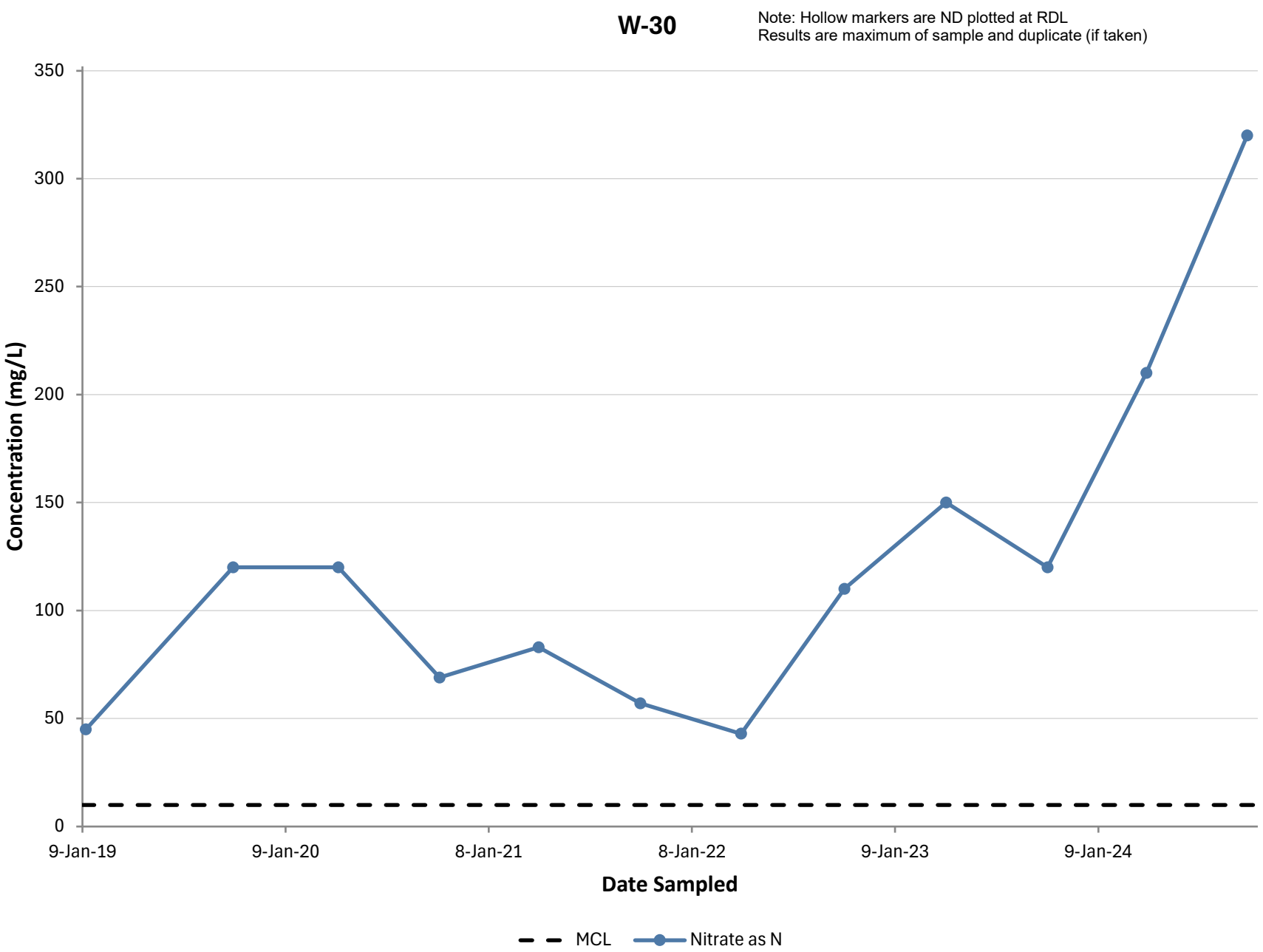
W-27

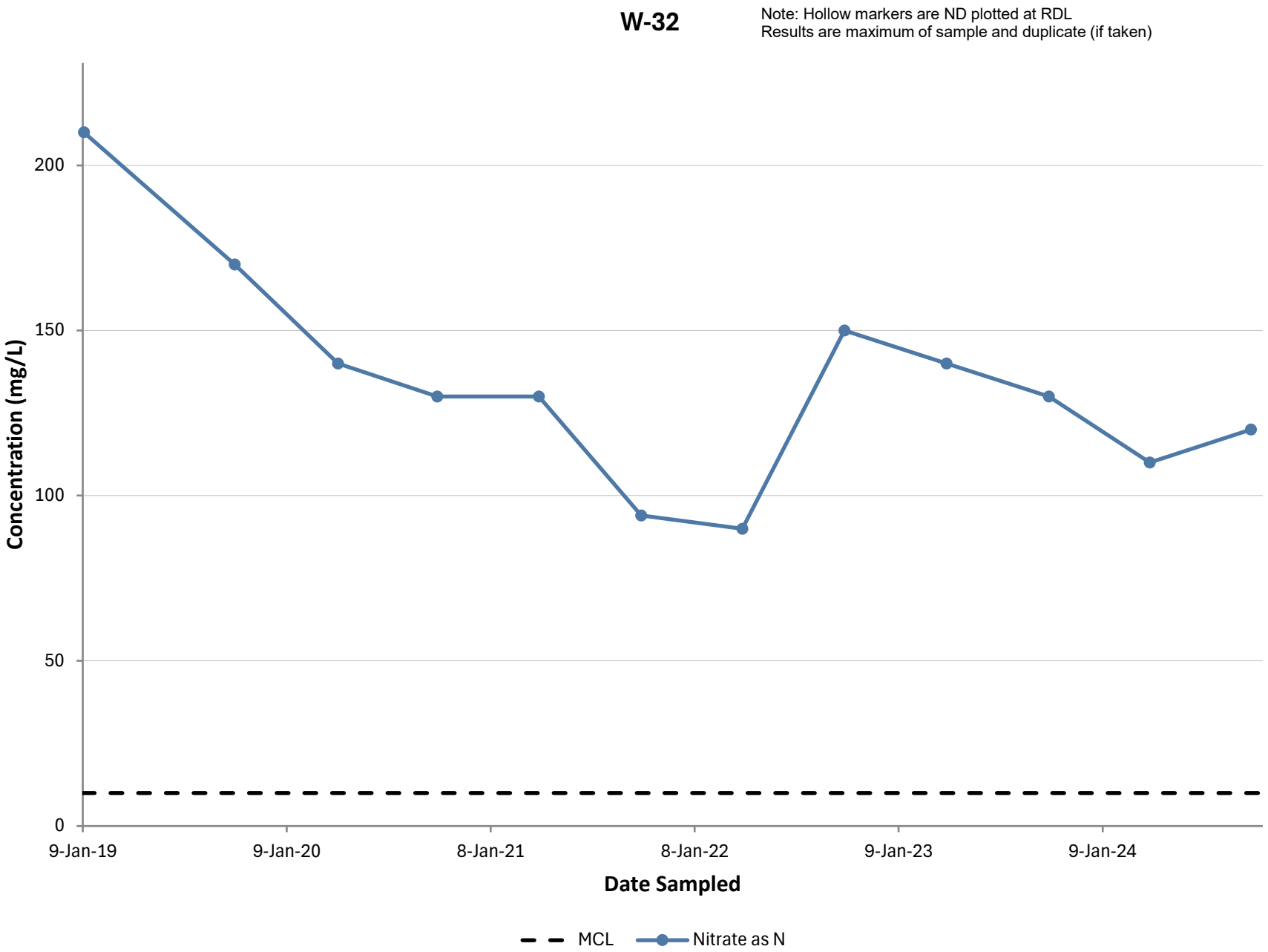
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

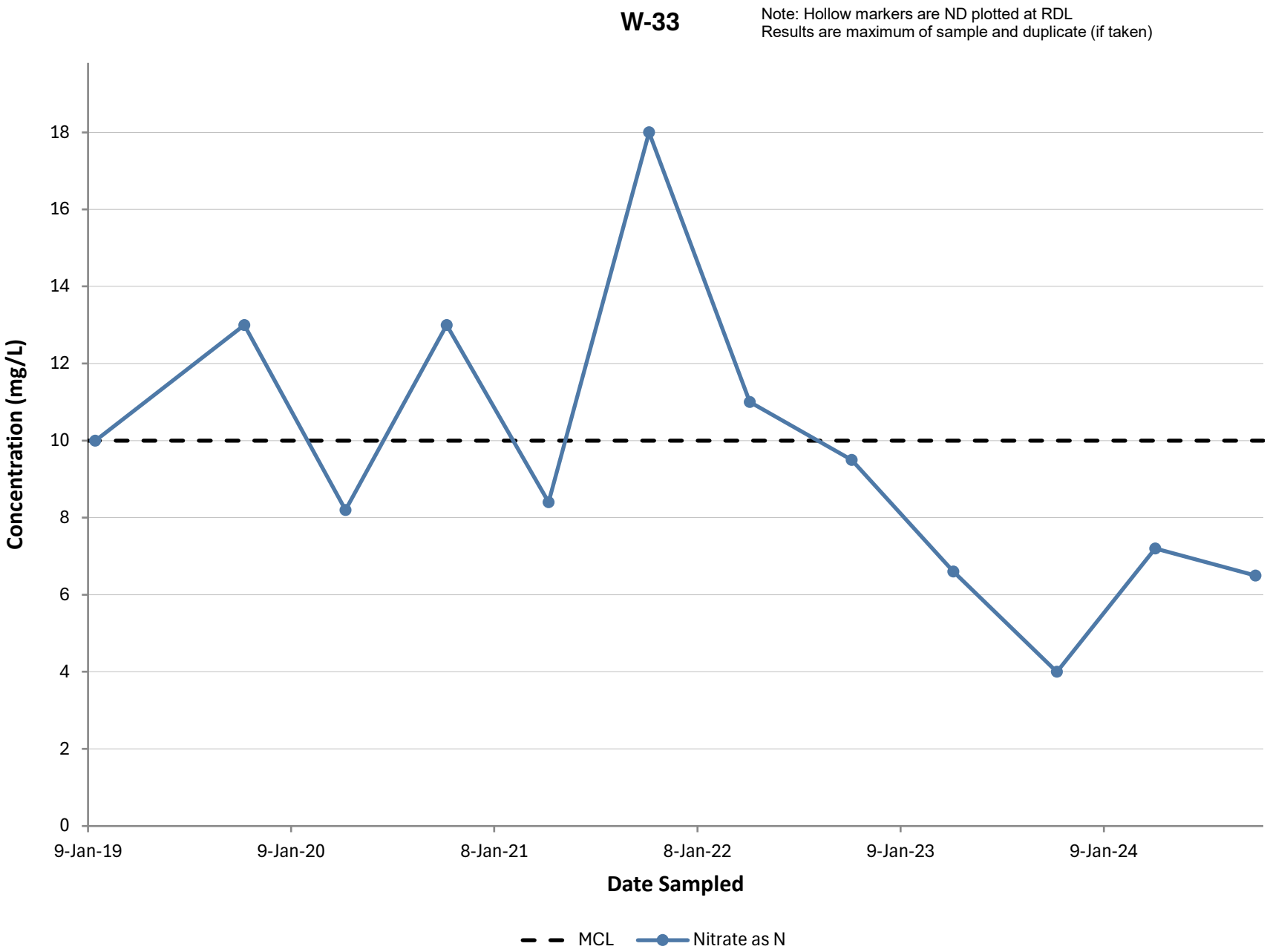



W-28
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
0
2
4
6
8
10
12
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-29
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
35
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

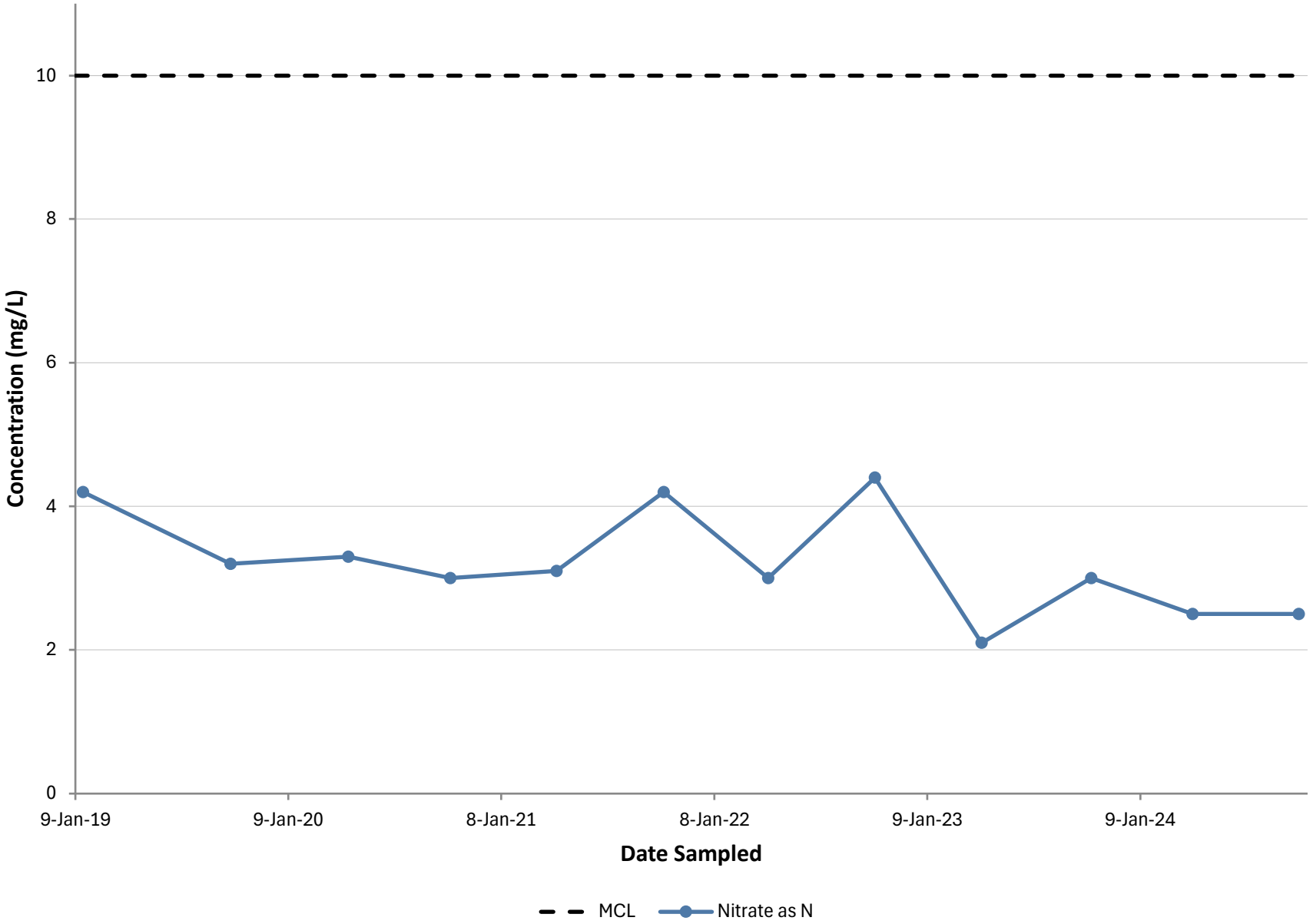

W-30
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
350
300
250
200
150
100
50
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-32
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
200
150
100
50
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-33
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

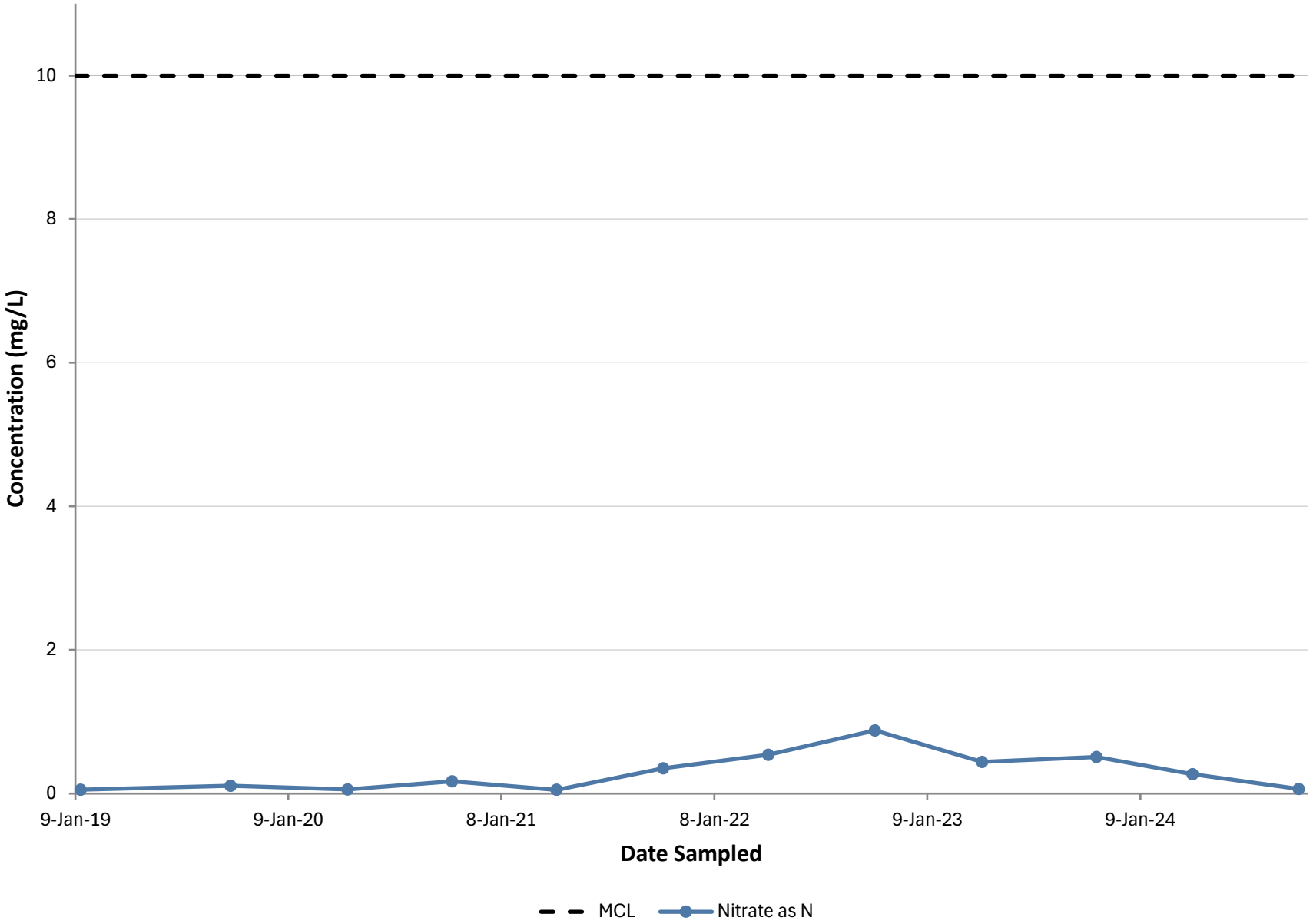
W-35

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



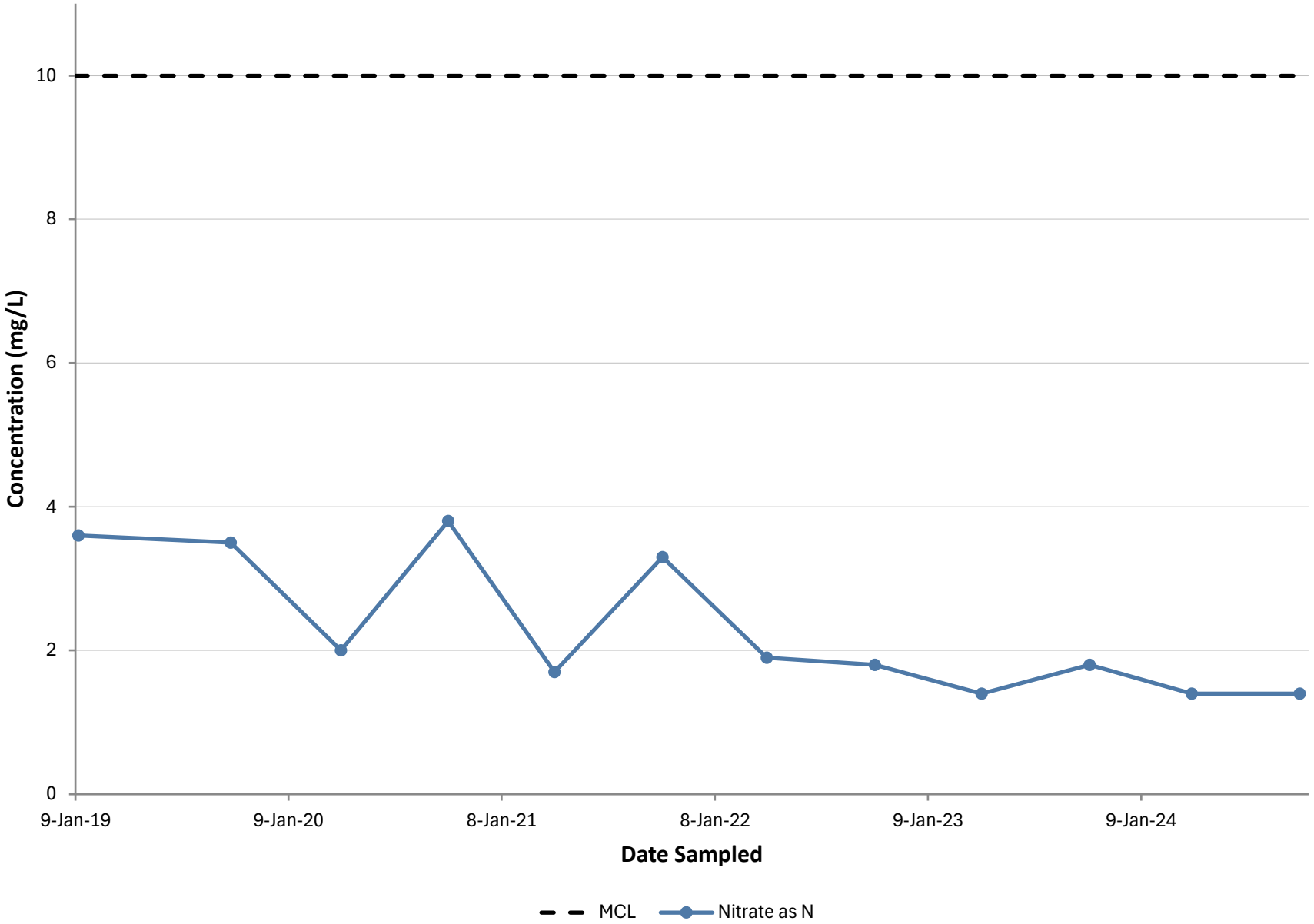
W-36

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



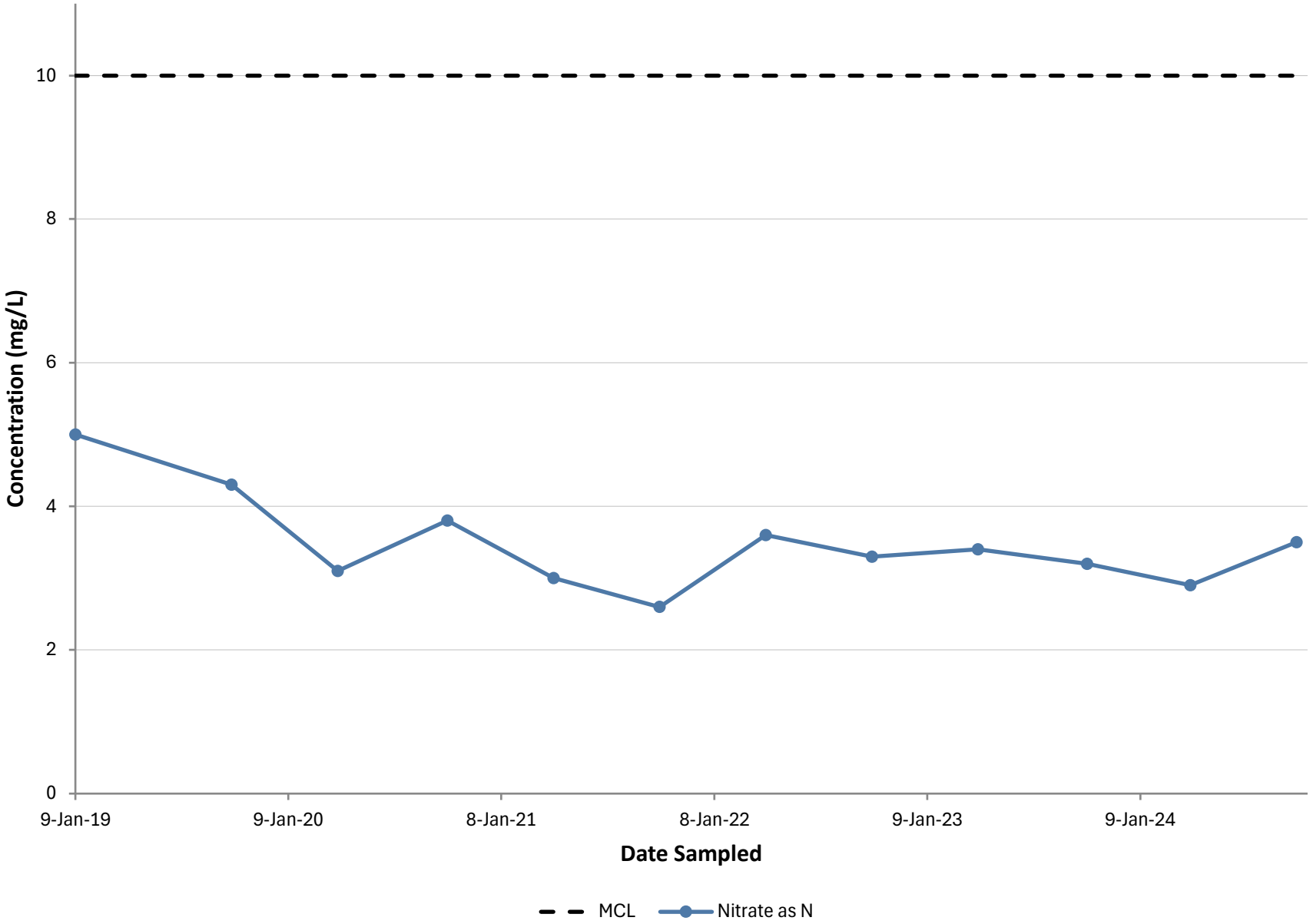
W-37

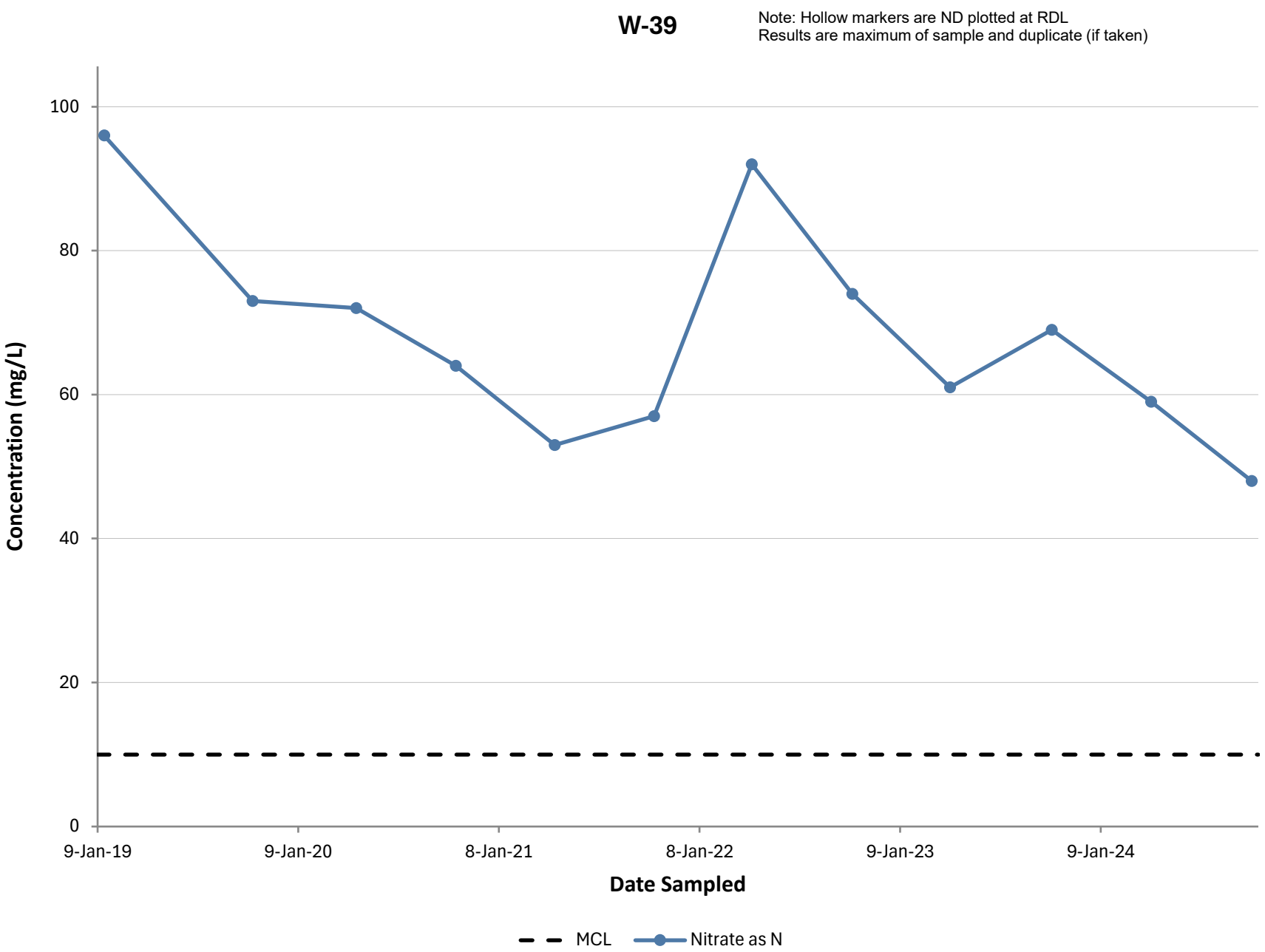
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-38

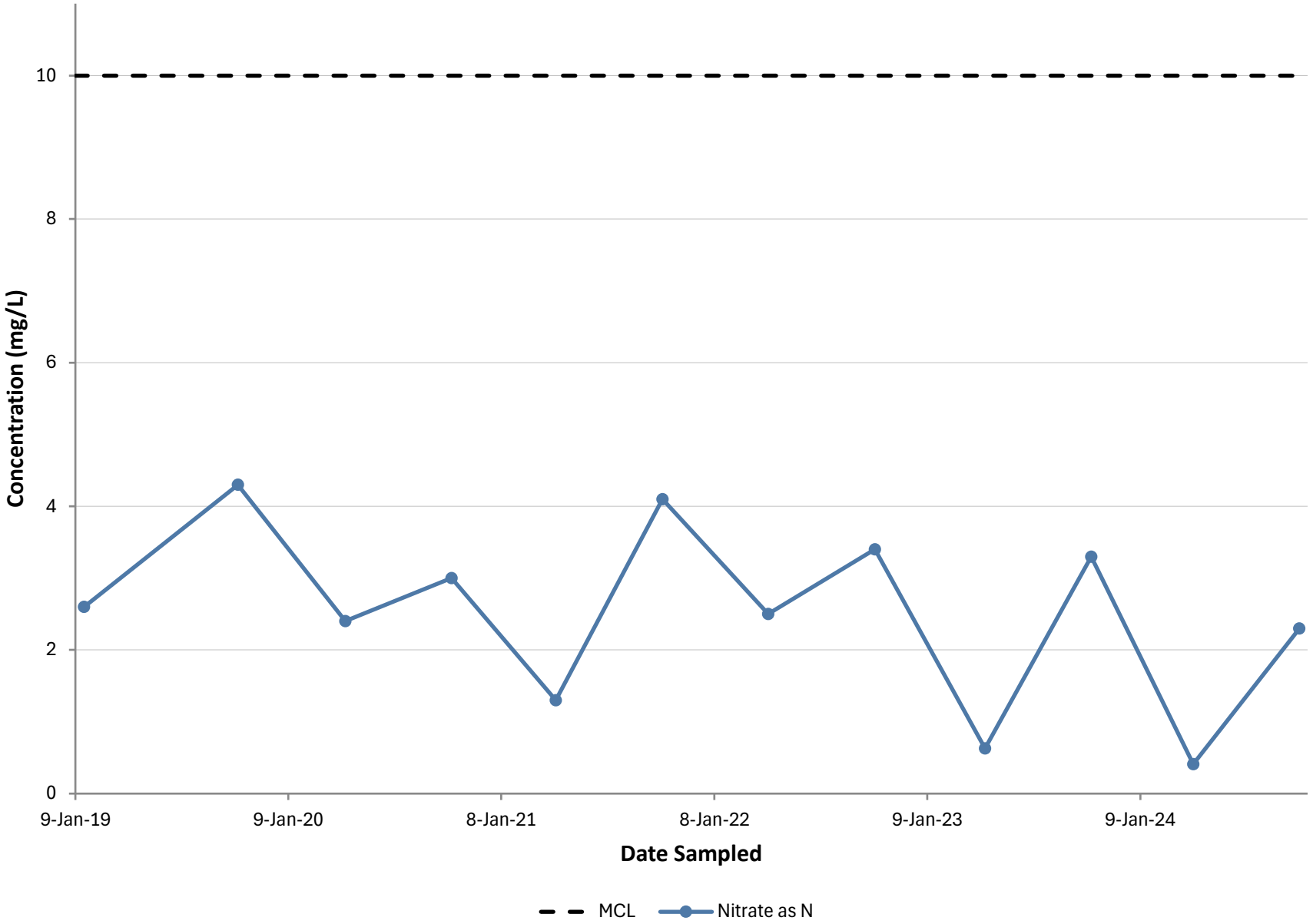
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

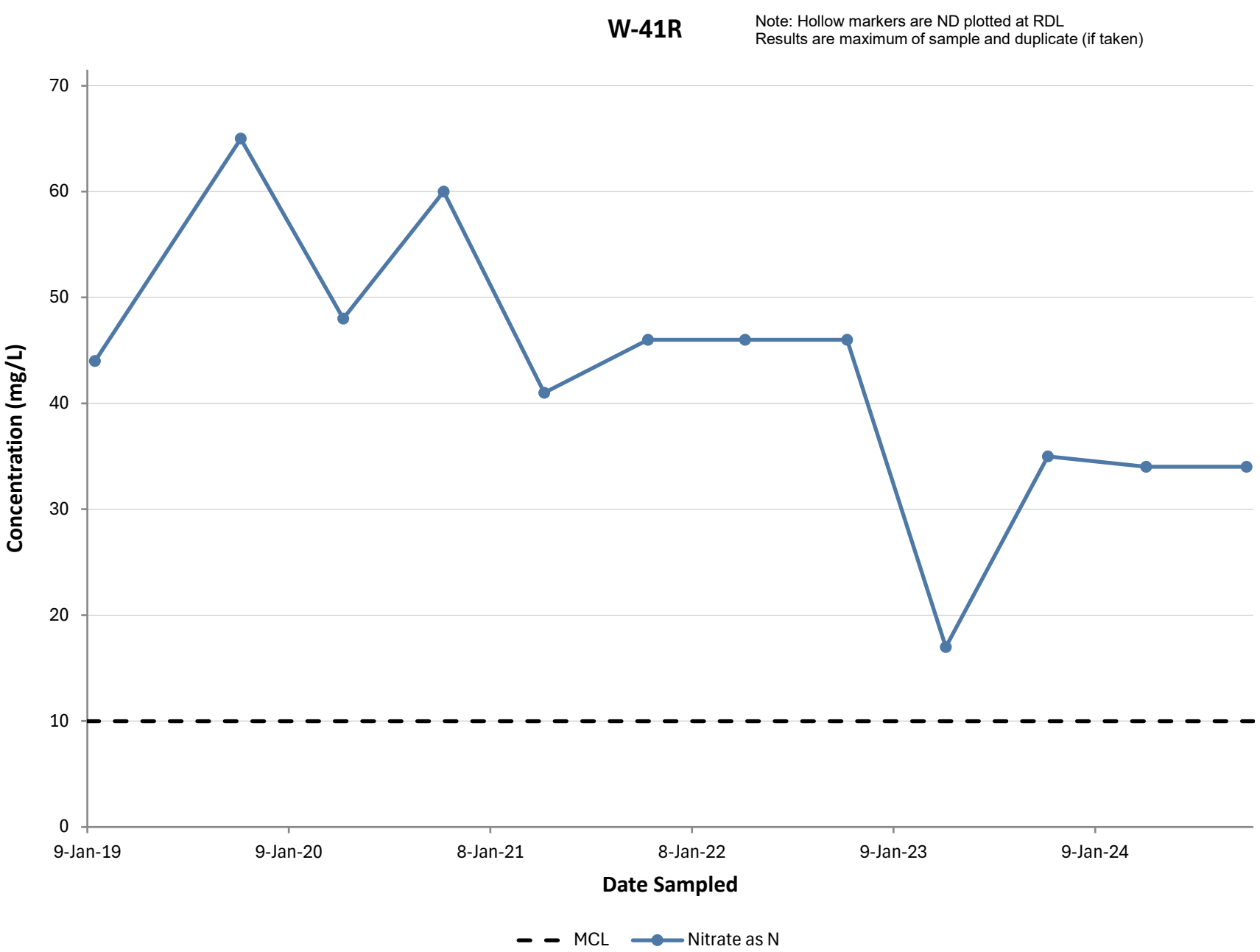



W-39
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
100
80
60
40
20
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

W-40

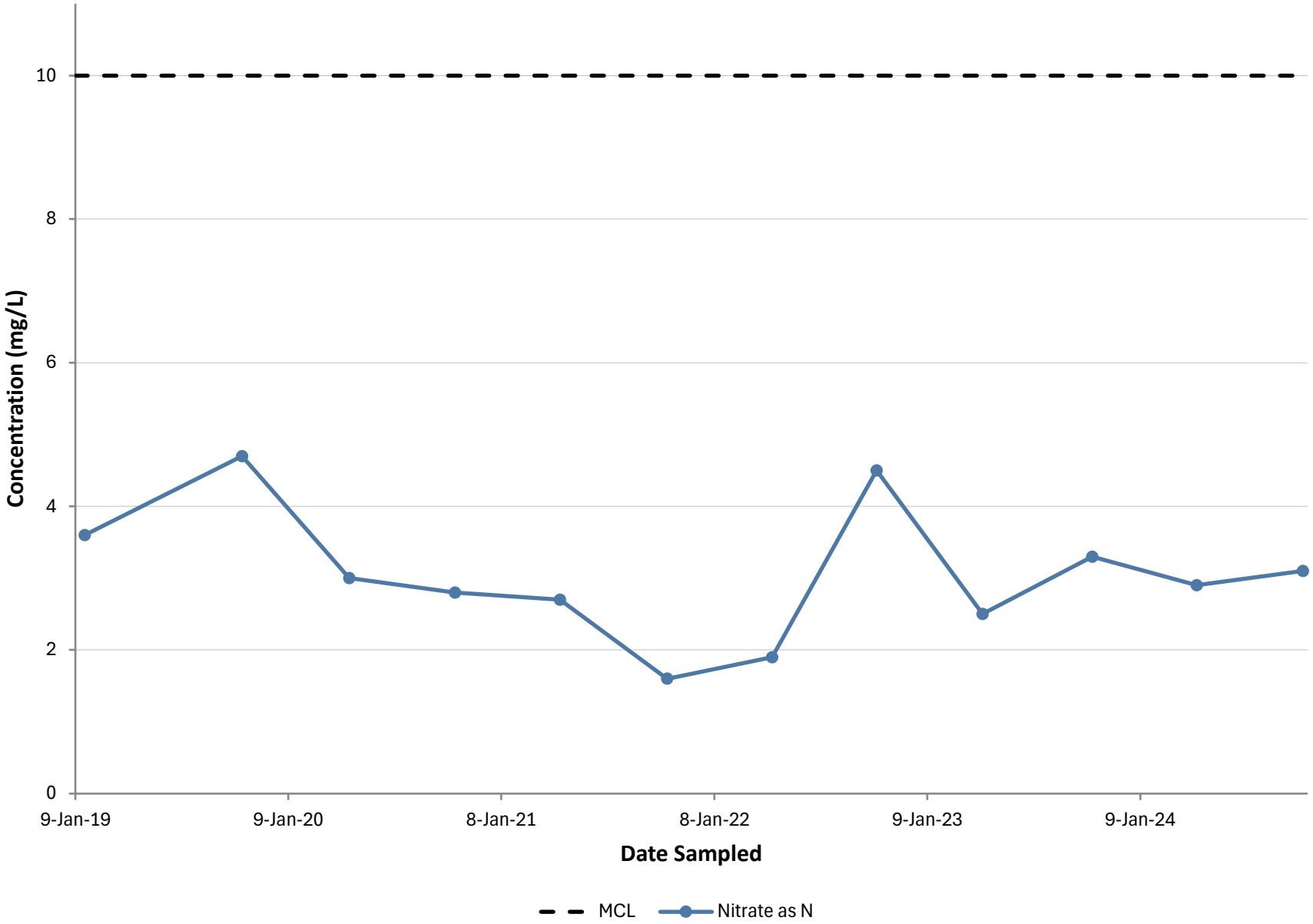
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-41R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
70
60
50
40
30
20
10
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

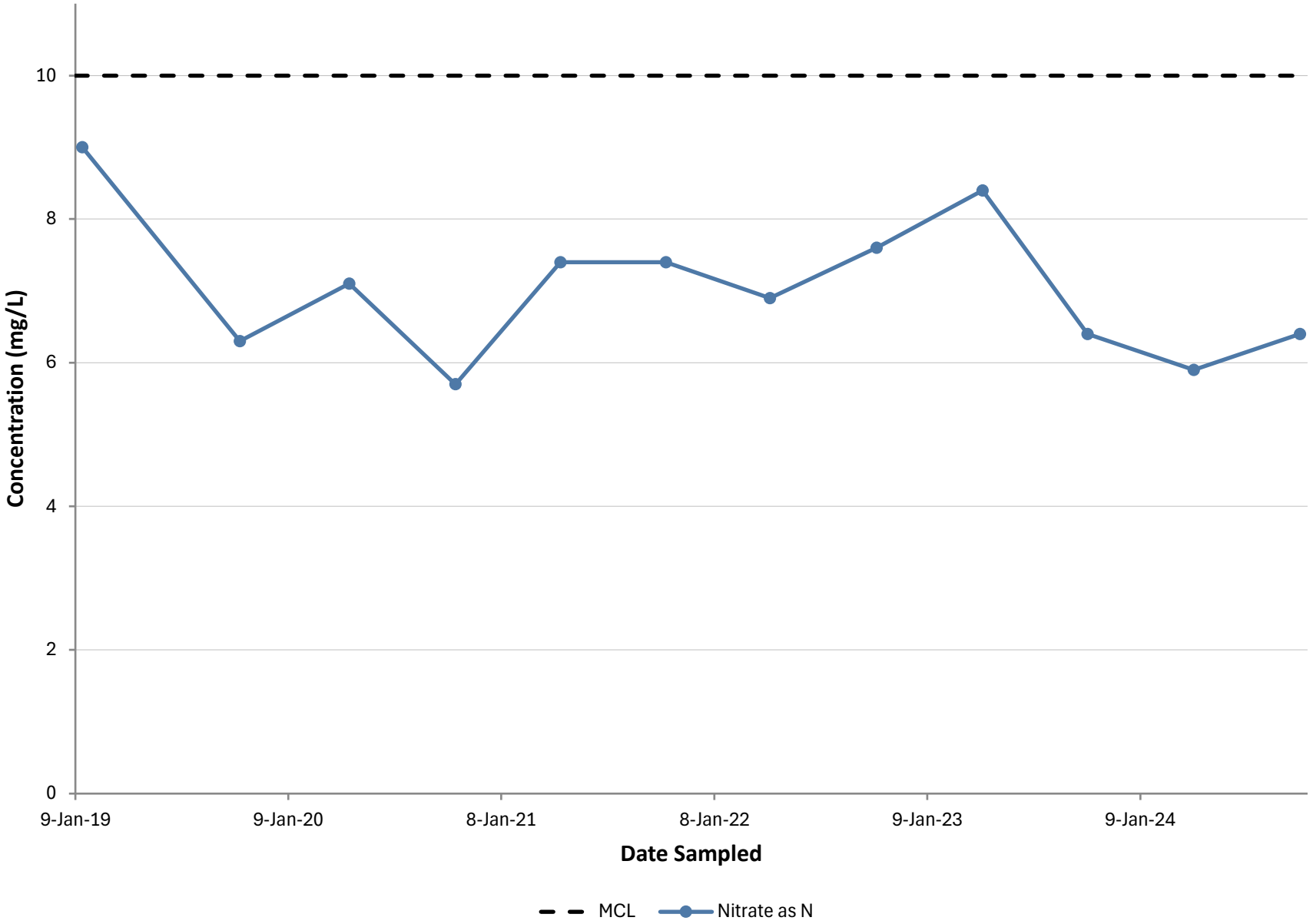
W-42

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



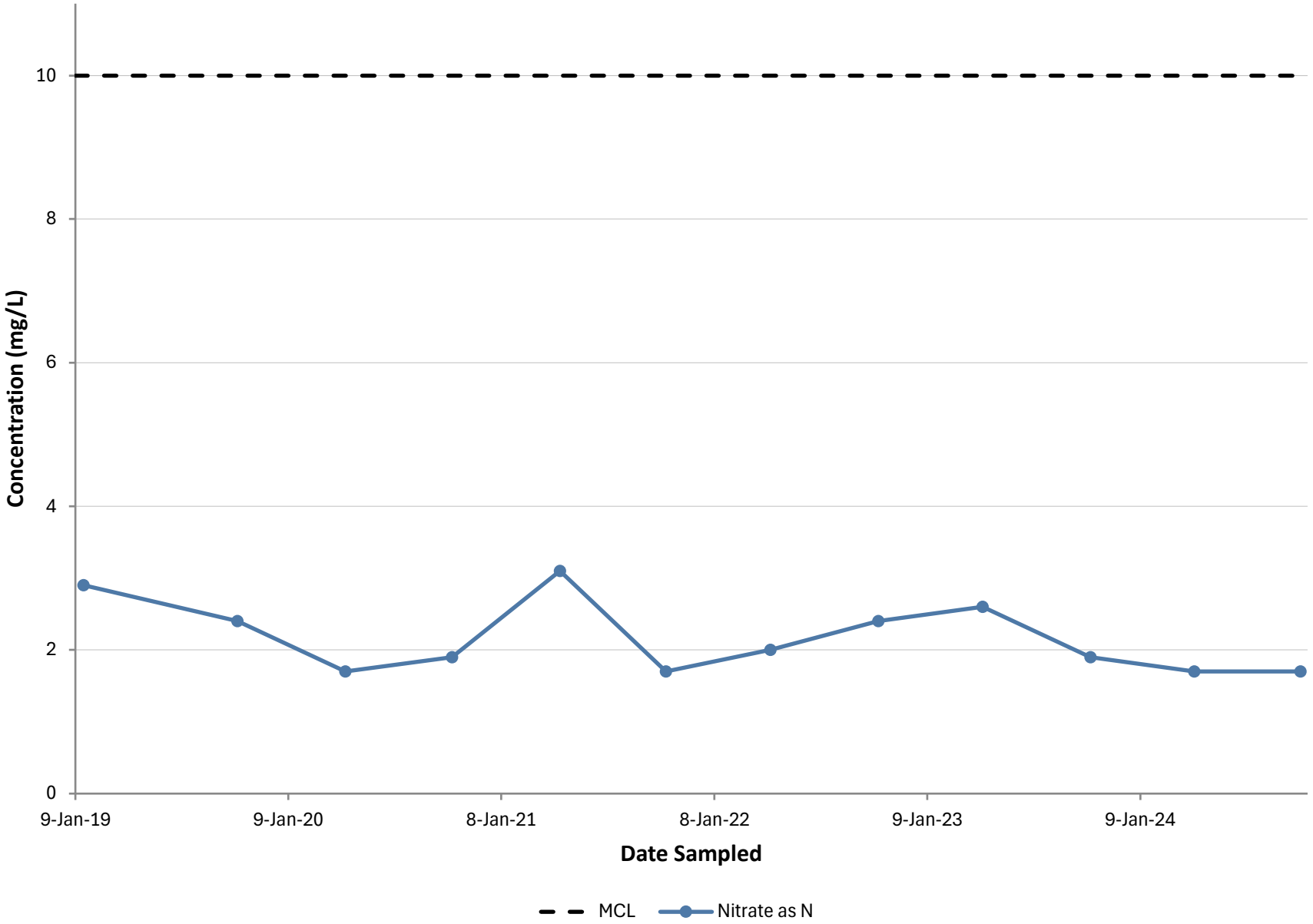
W-43

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



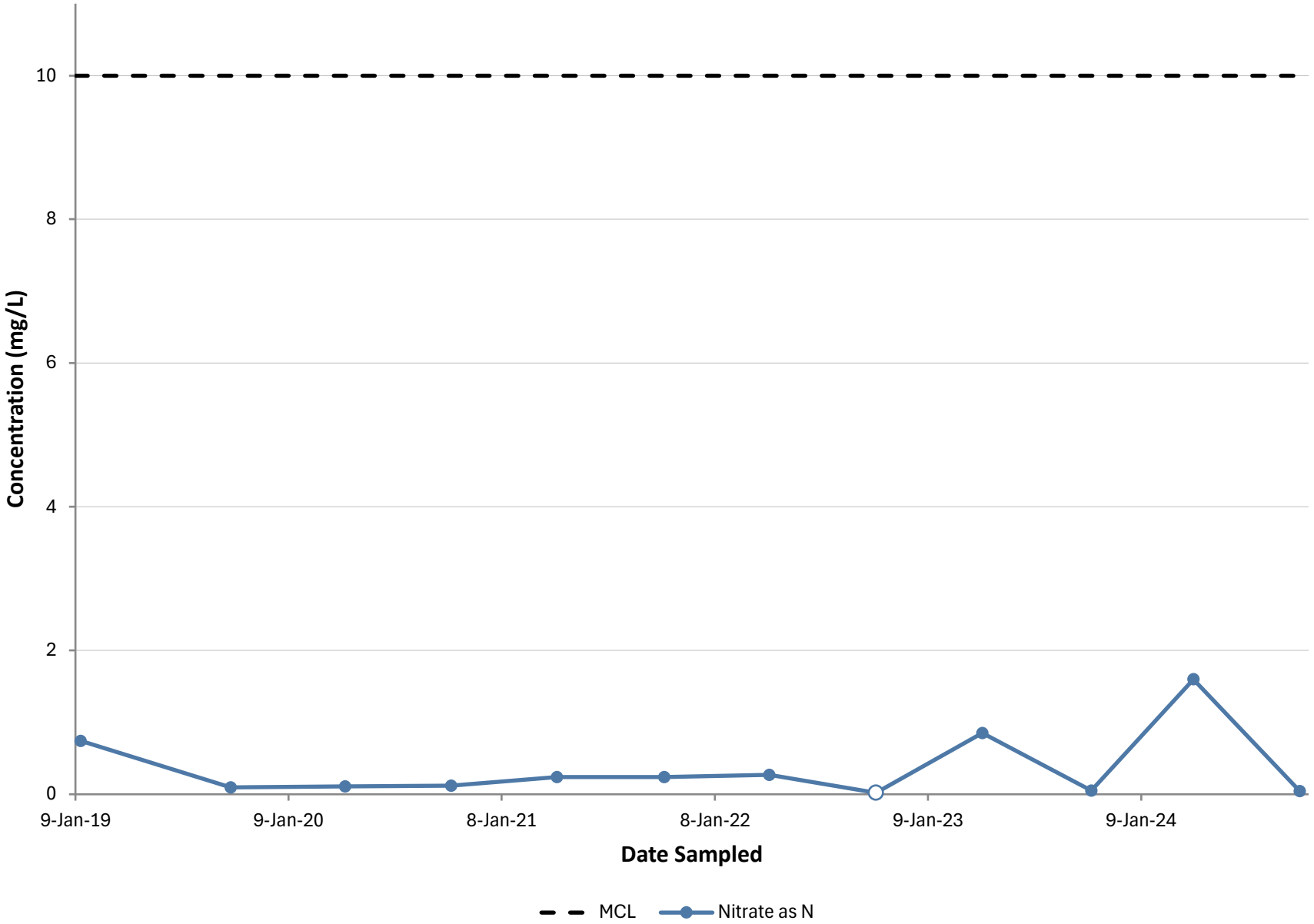
W-44

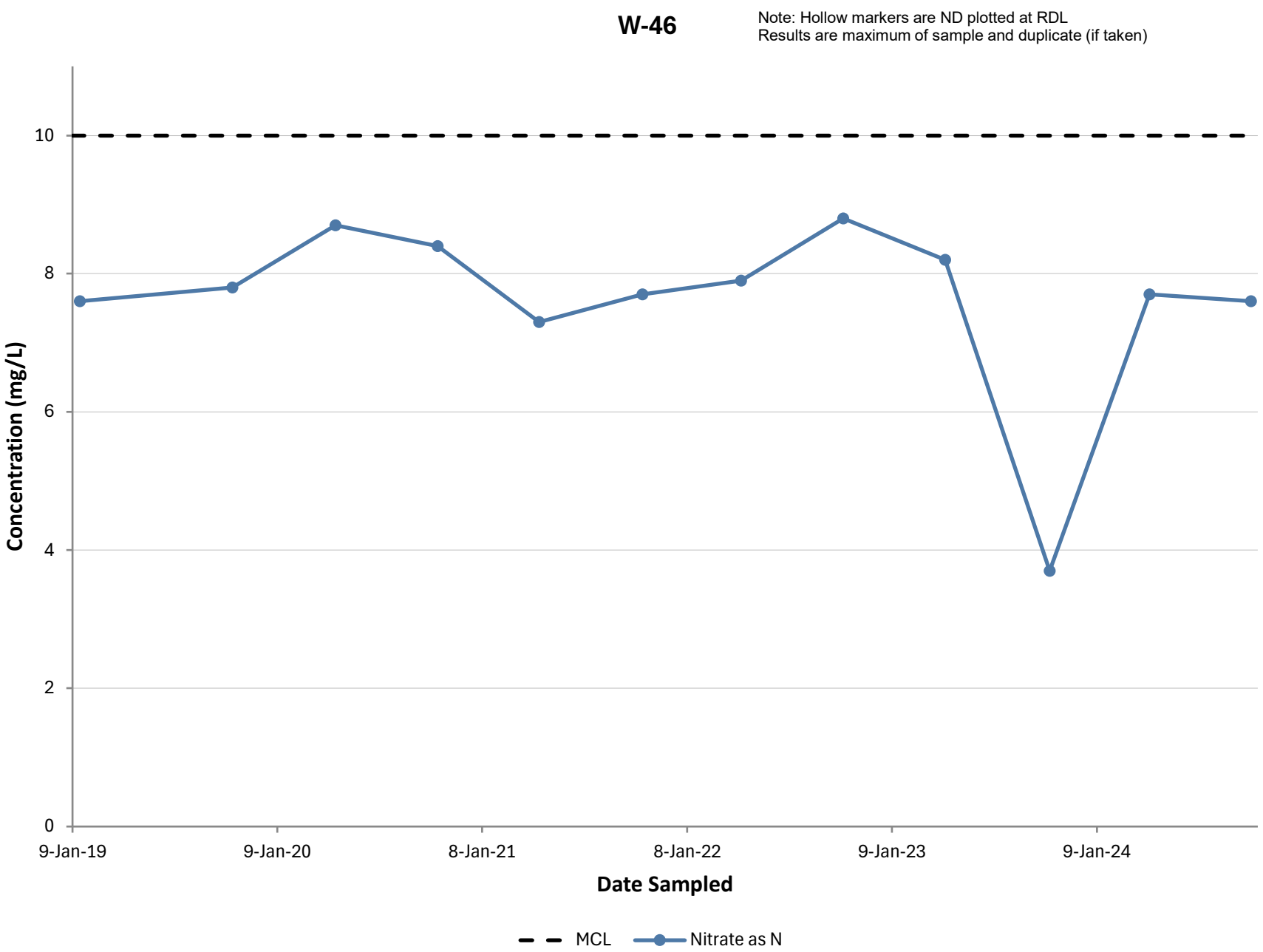
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

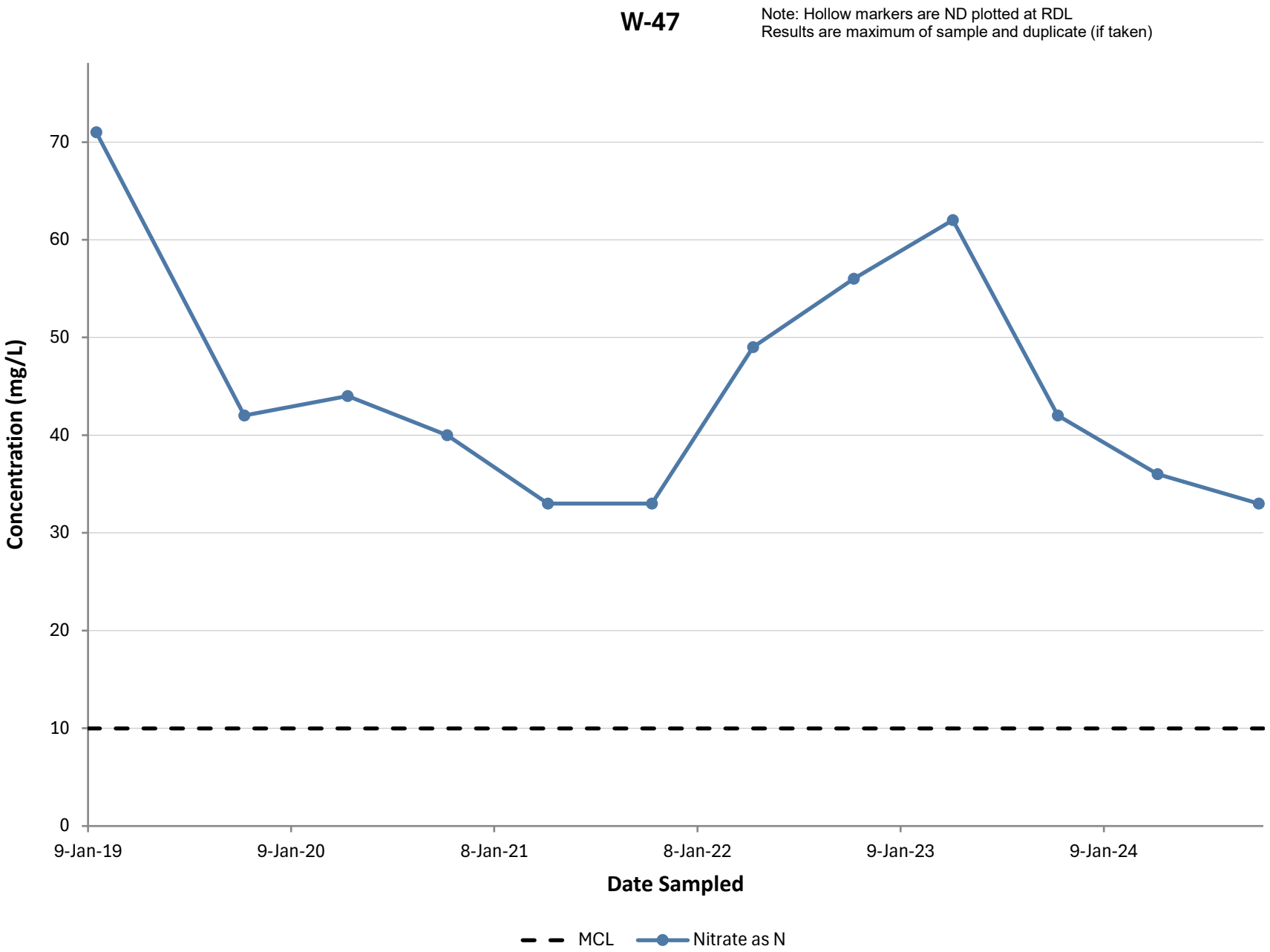


W-45

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

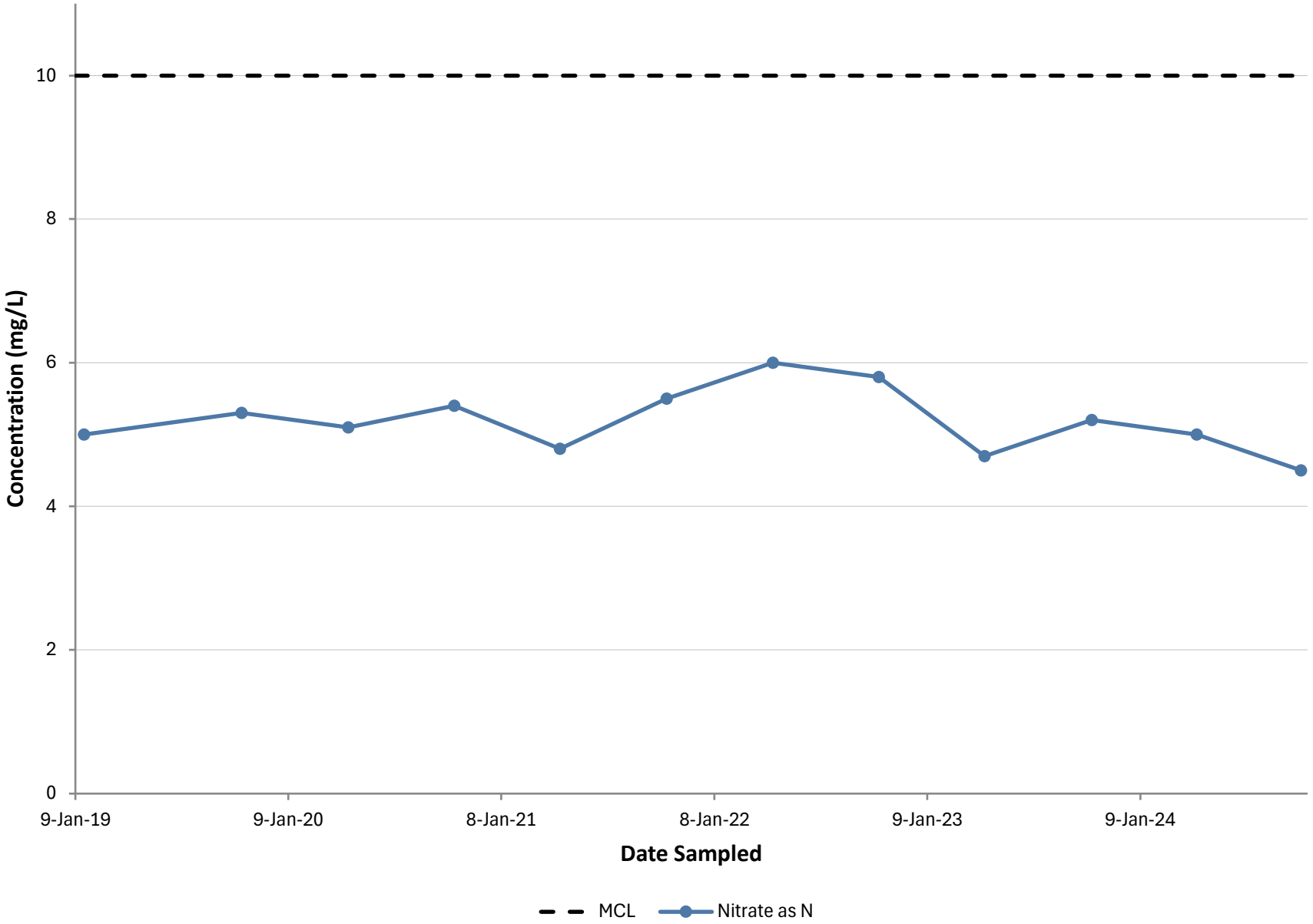



W-46
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-47
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
70
60
50
40
30
20
10
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

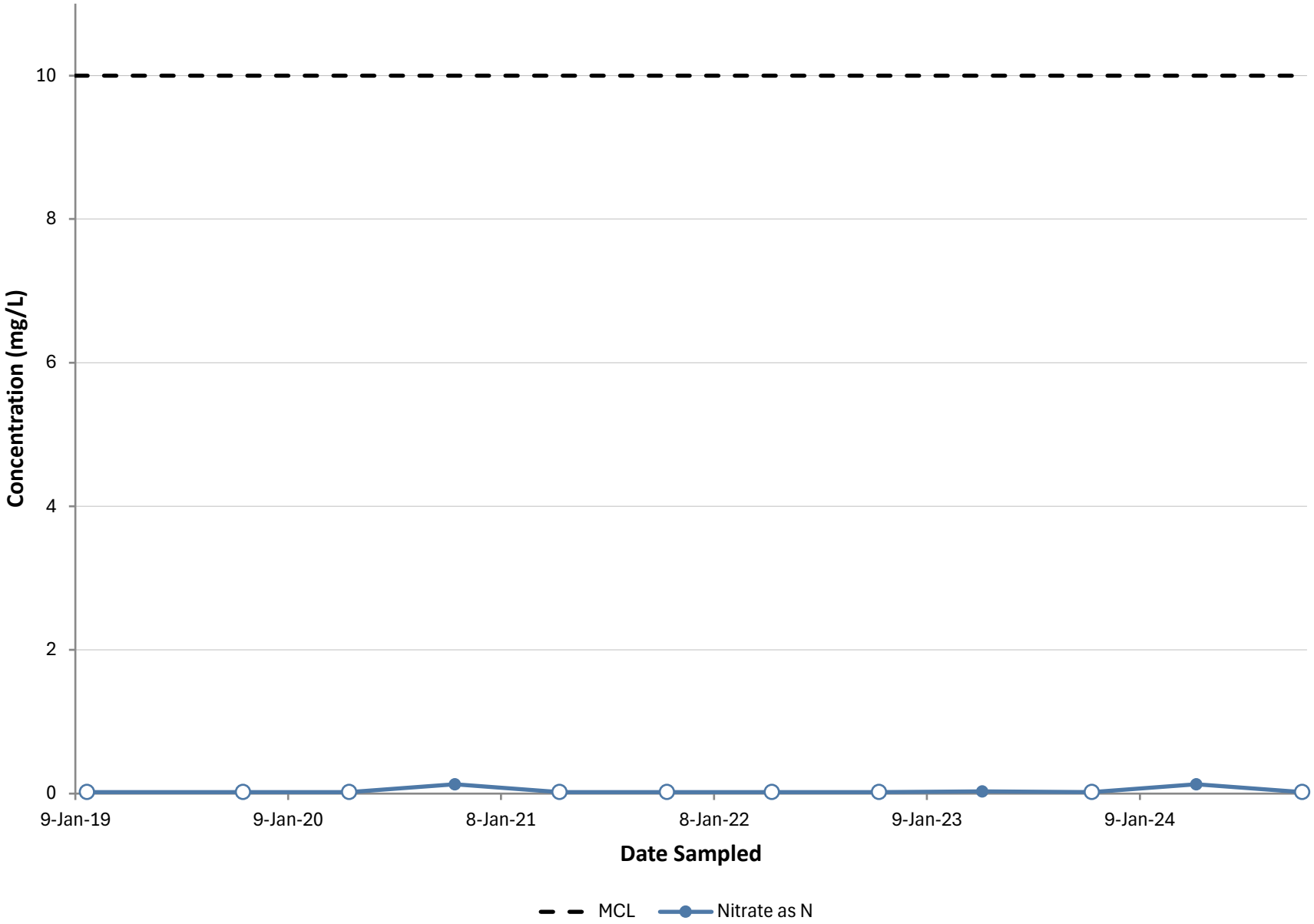
W-48

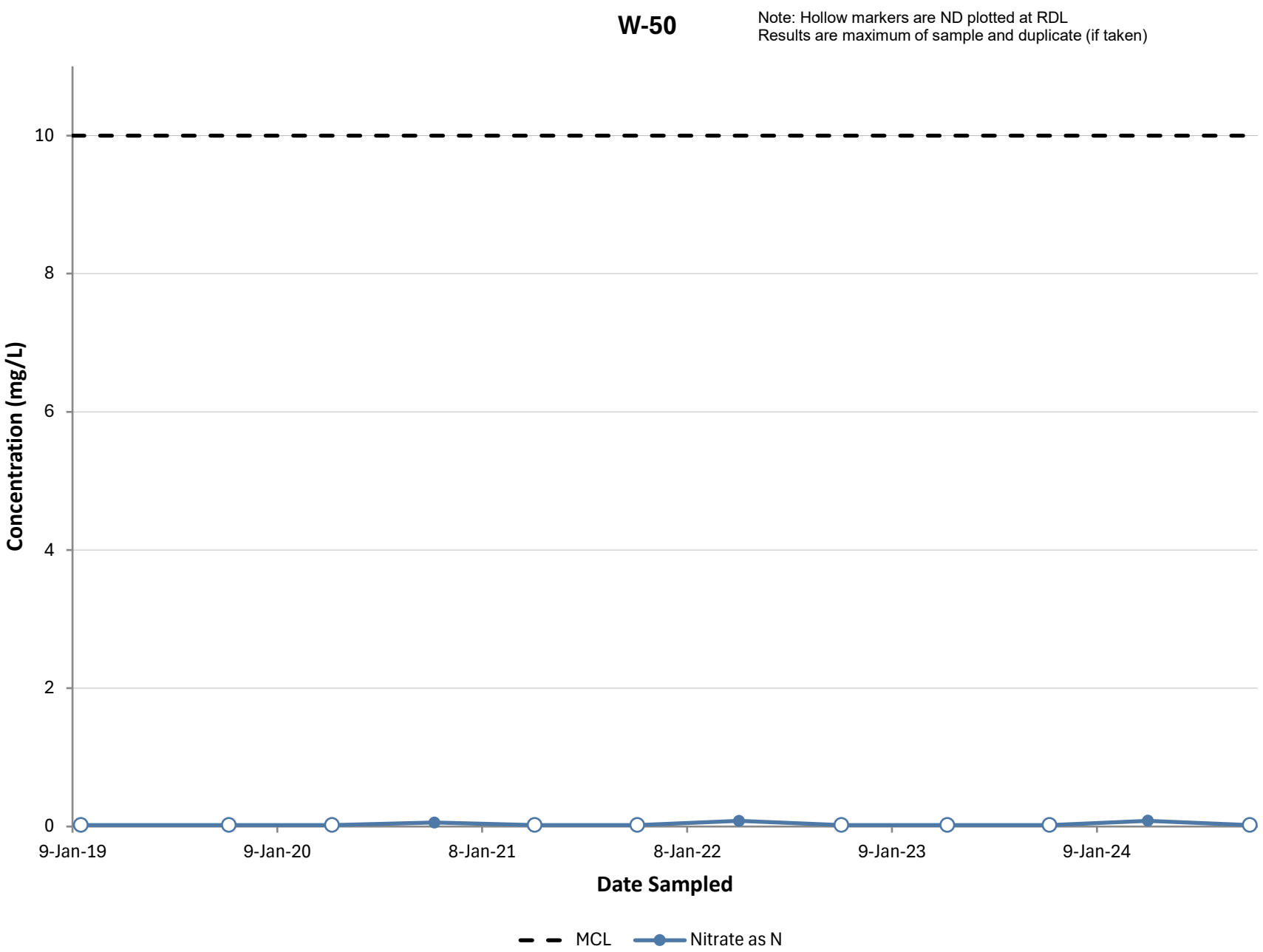
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-49

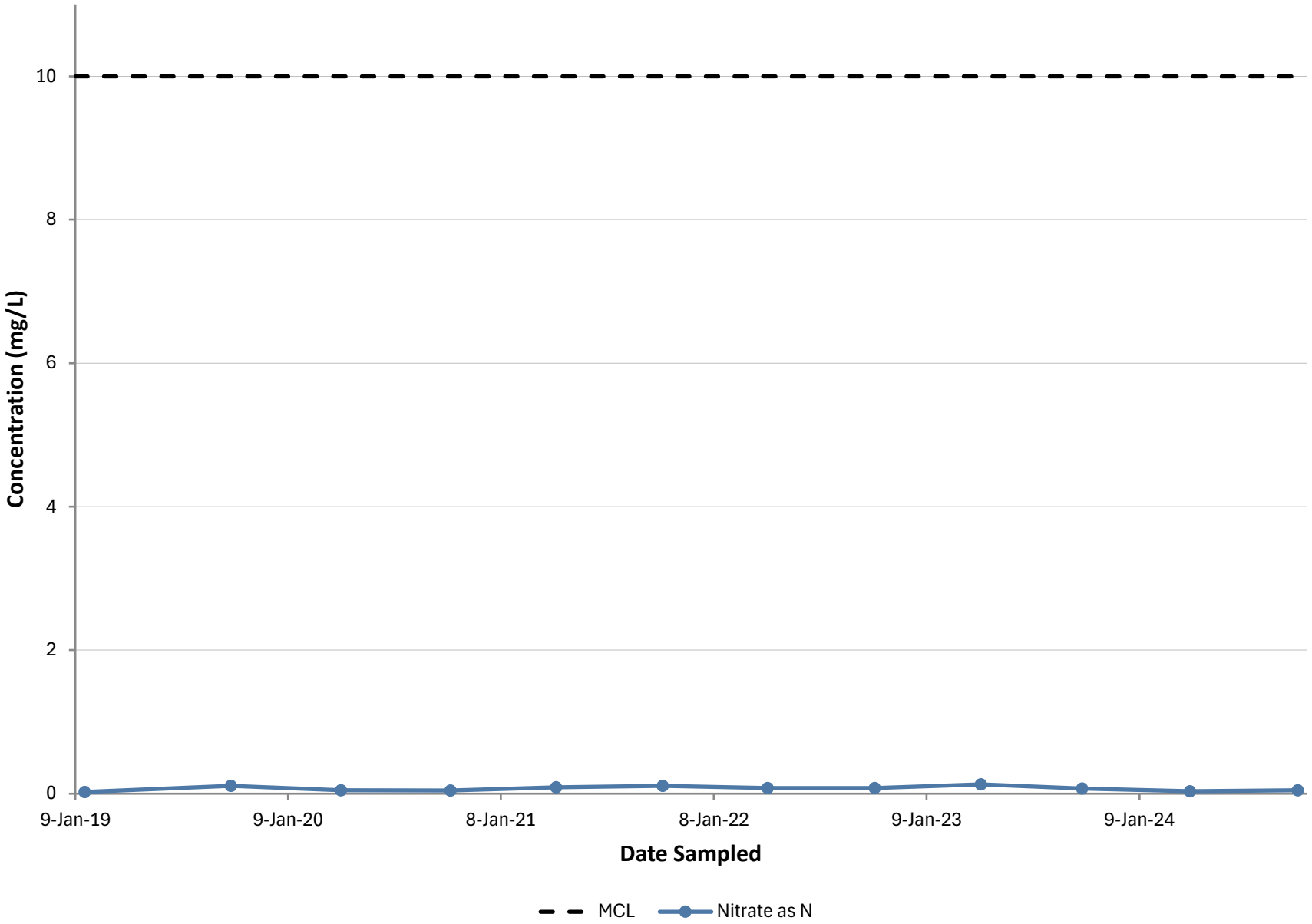
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-50
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

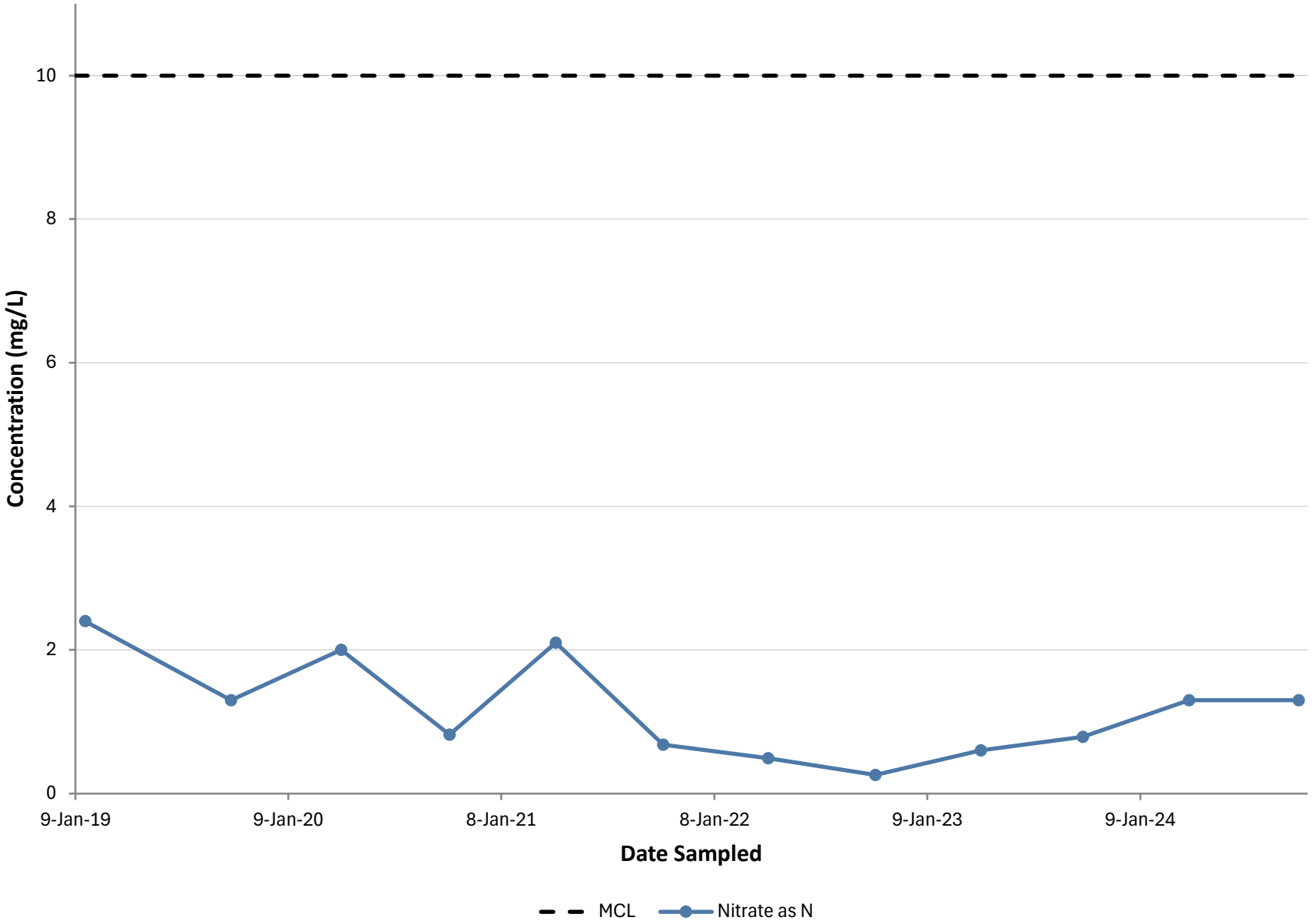
W-51

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



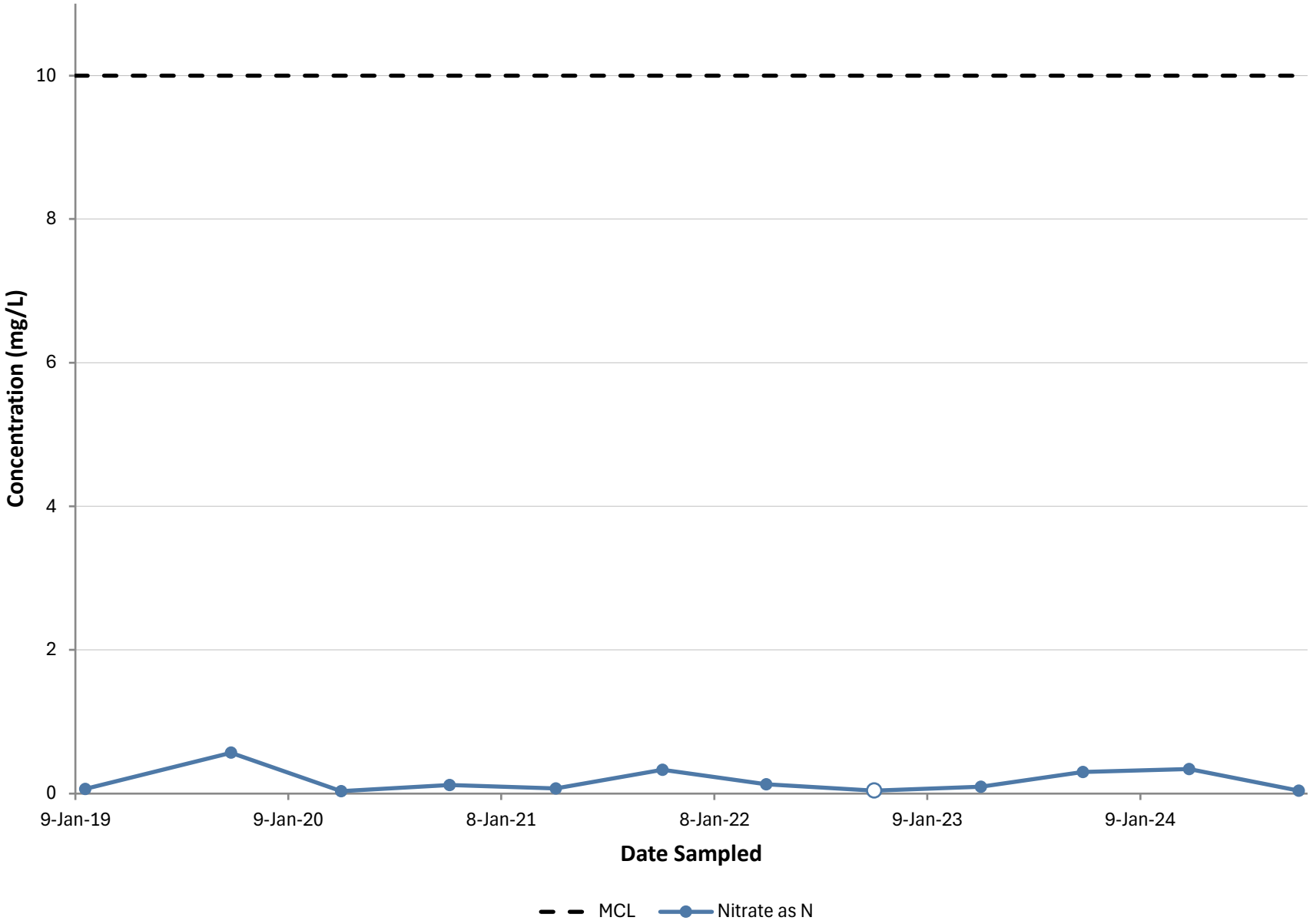
W-52

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



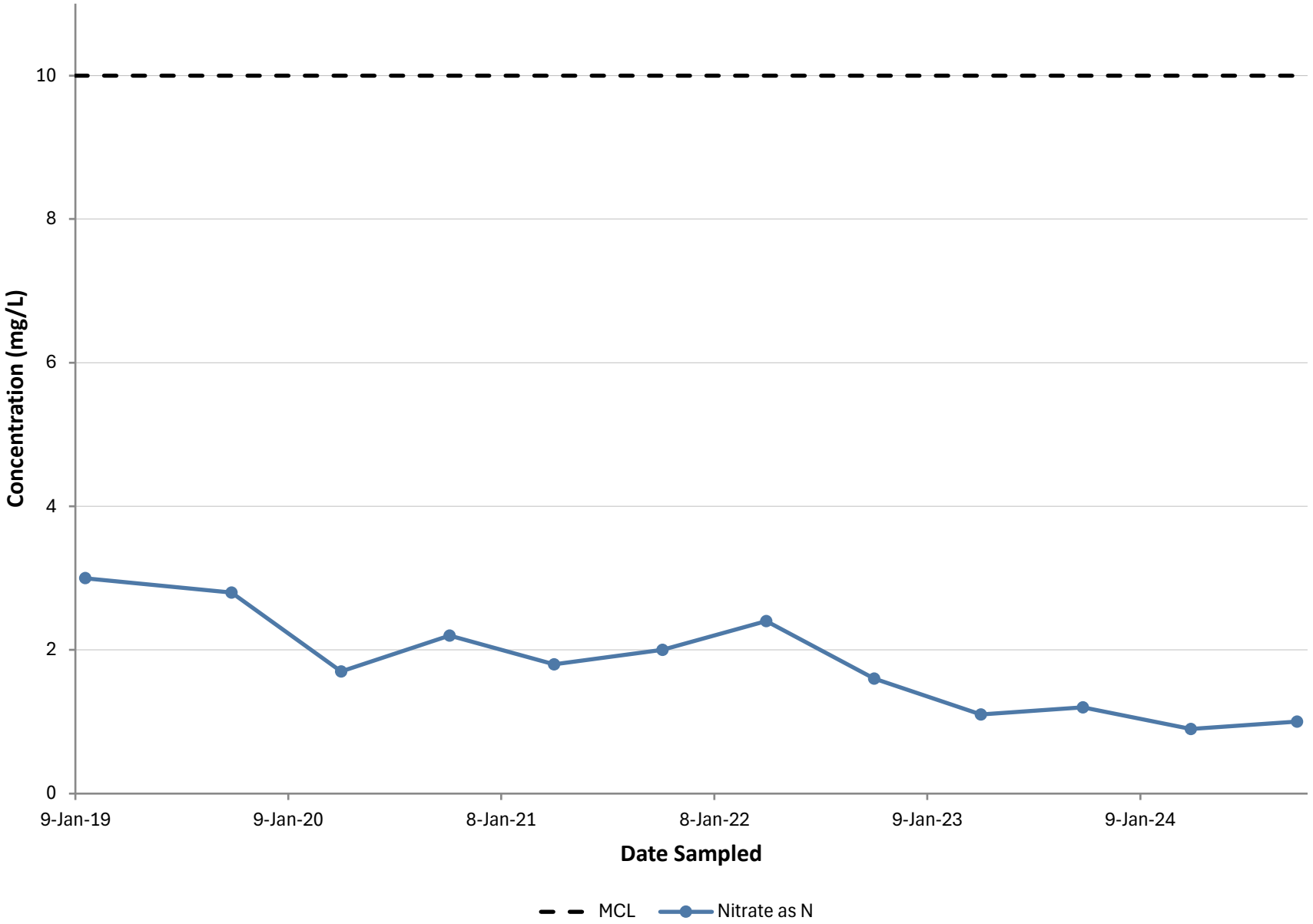
W-53

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



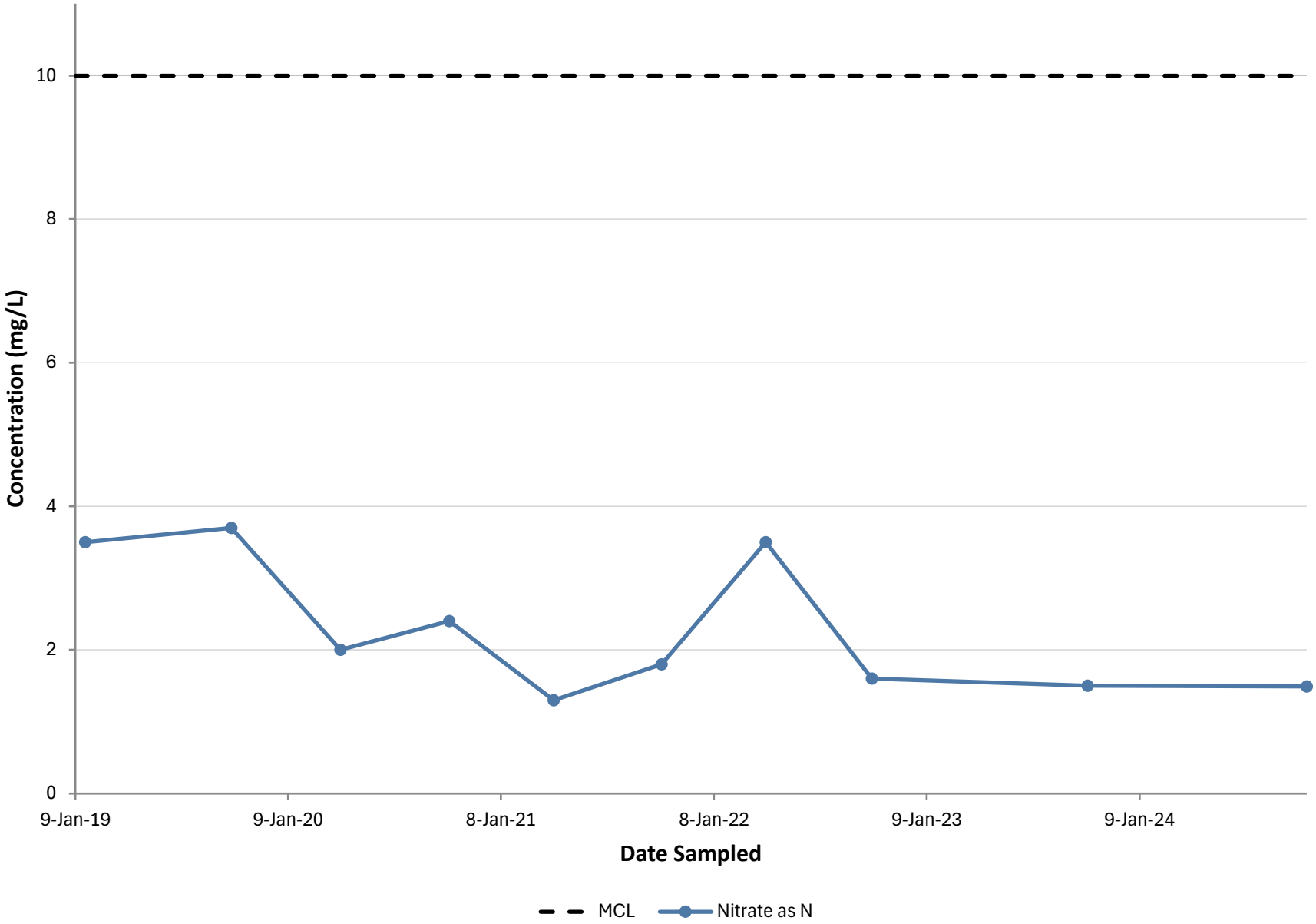
W-54

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



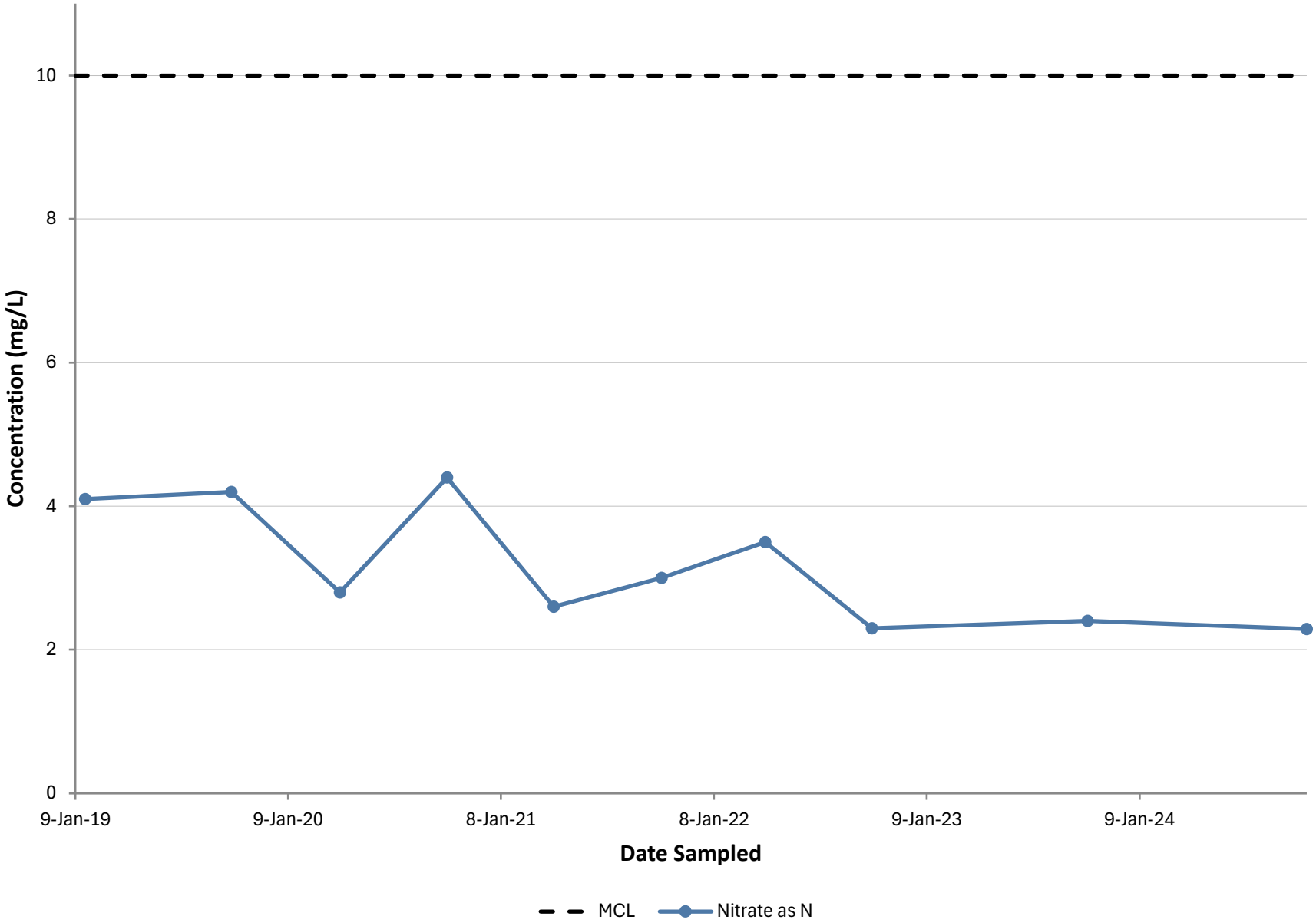
W-55

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



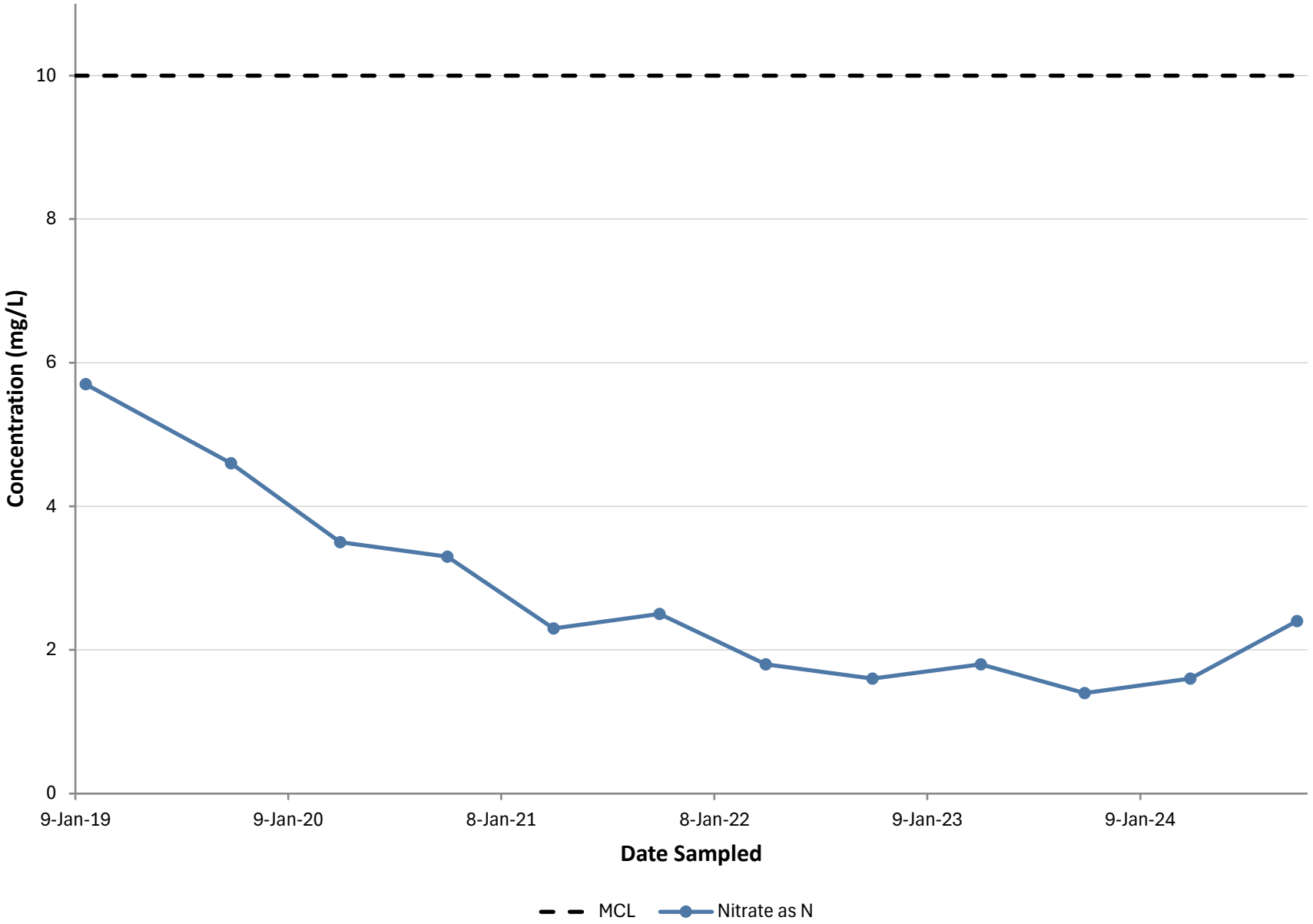
W-56

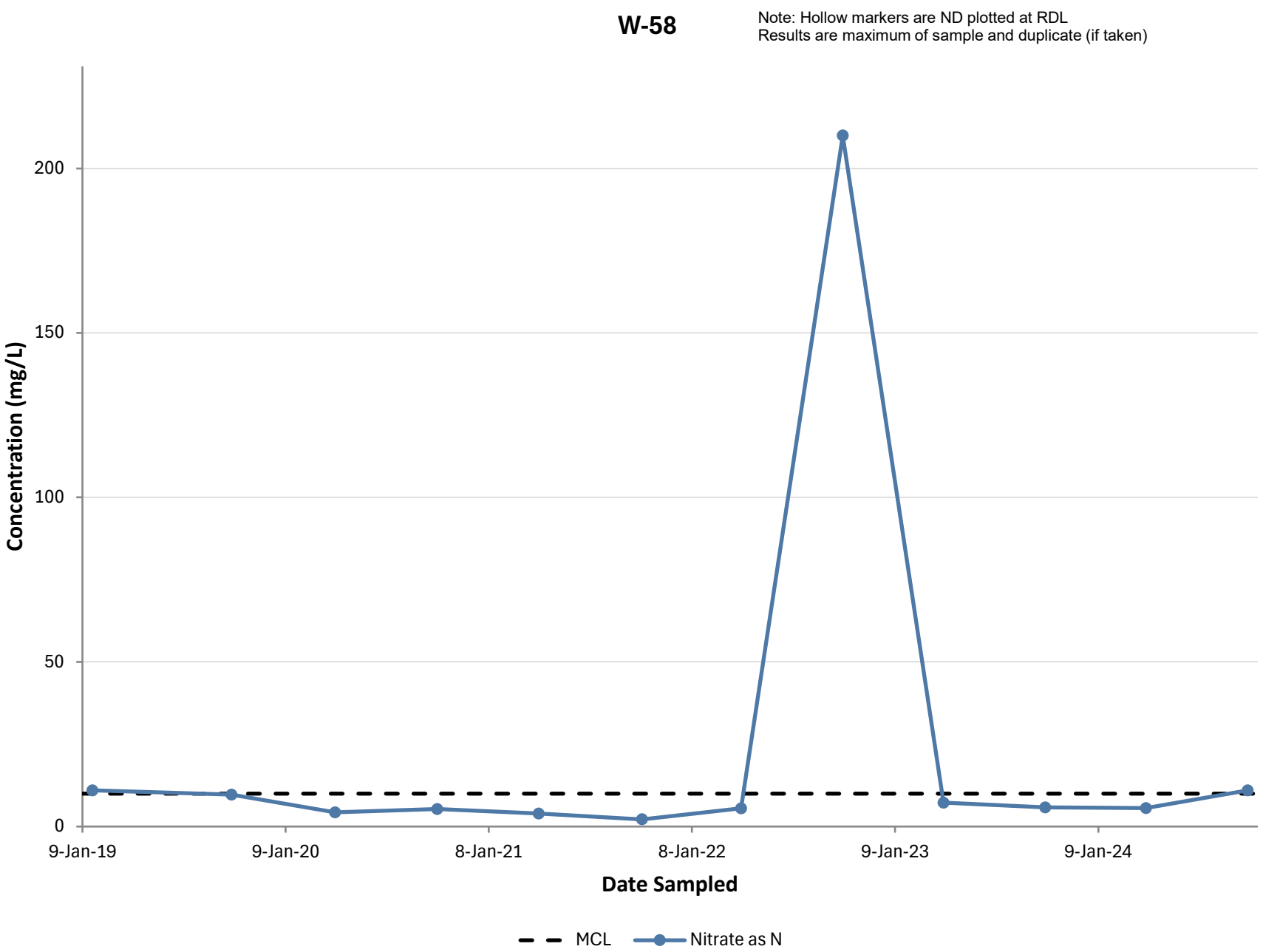
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-57

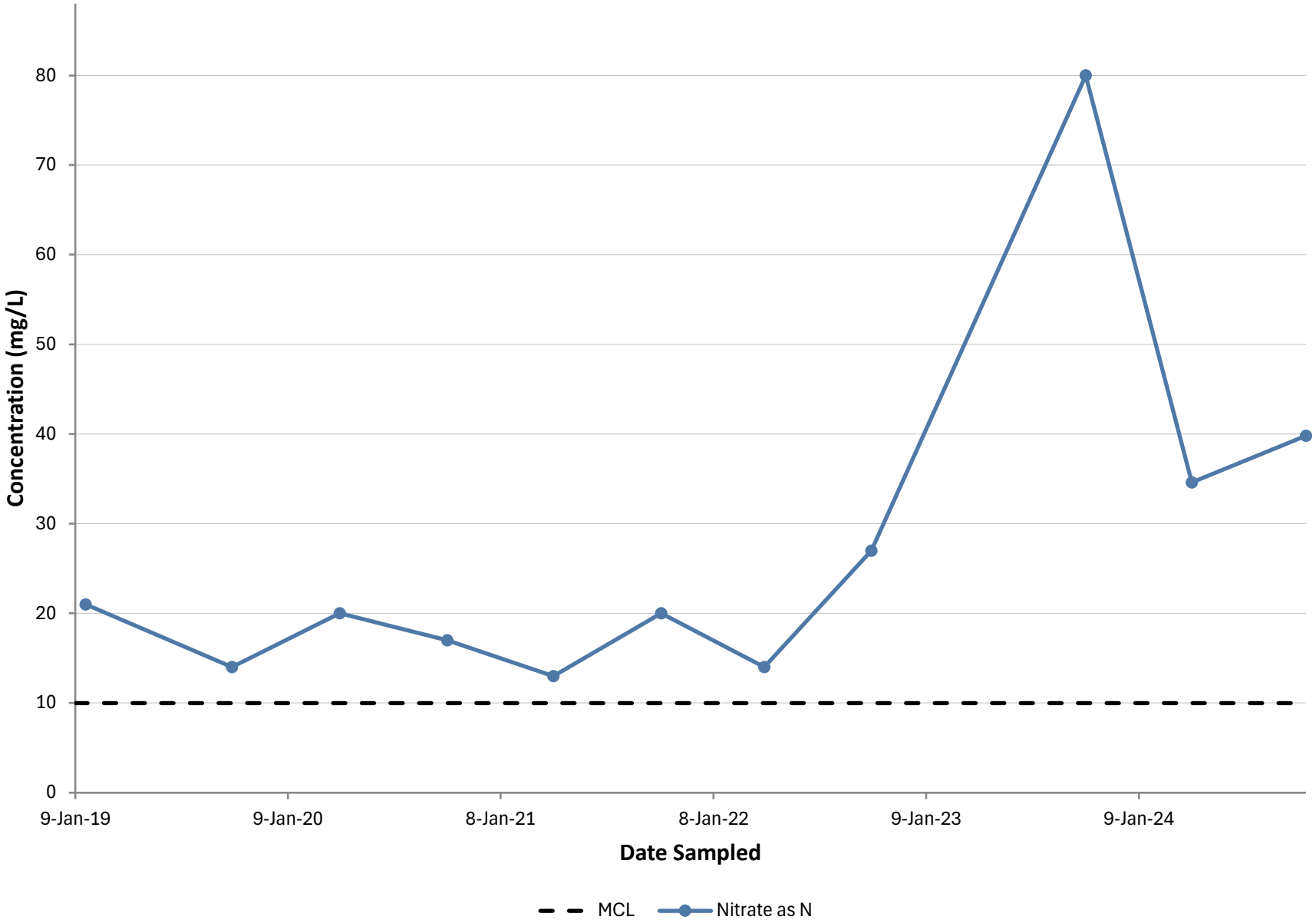
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

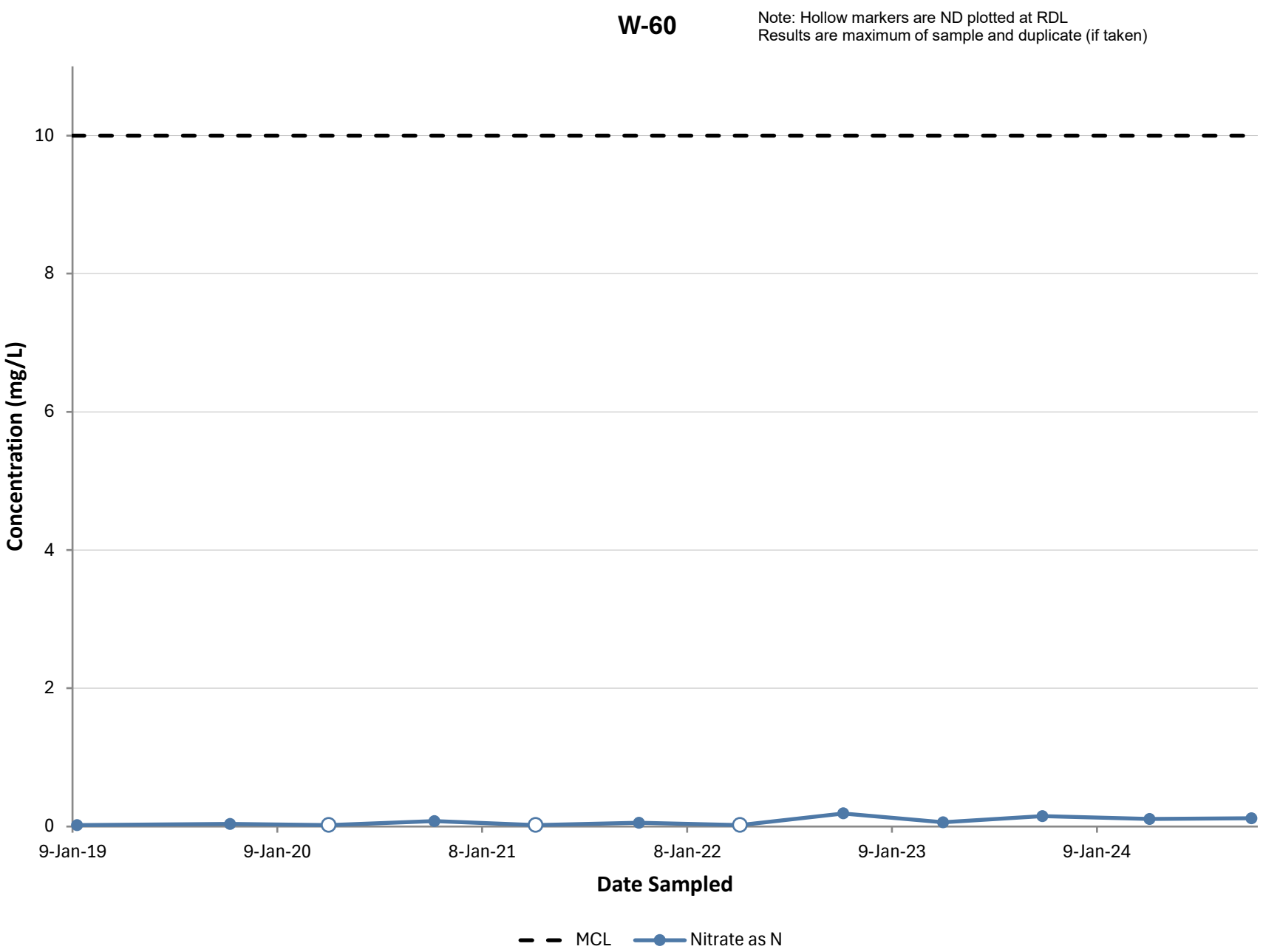


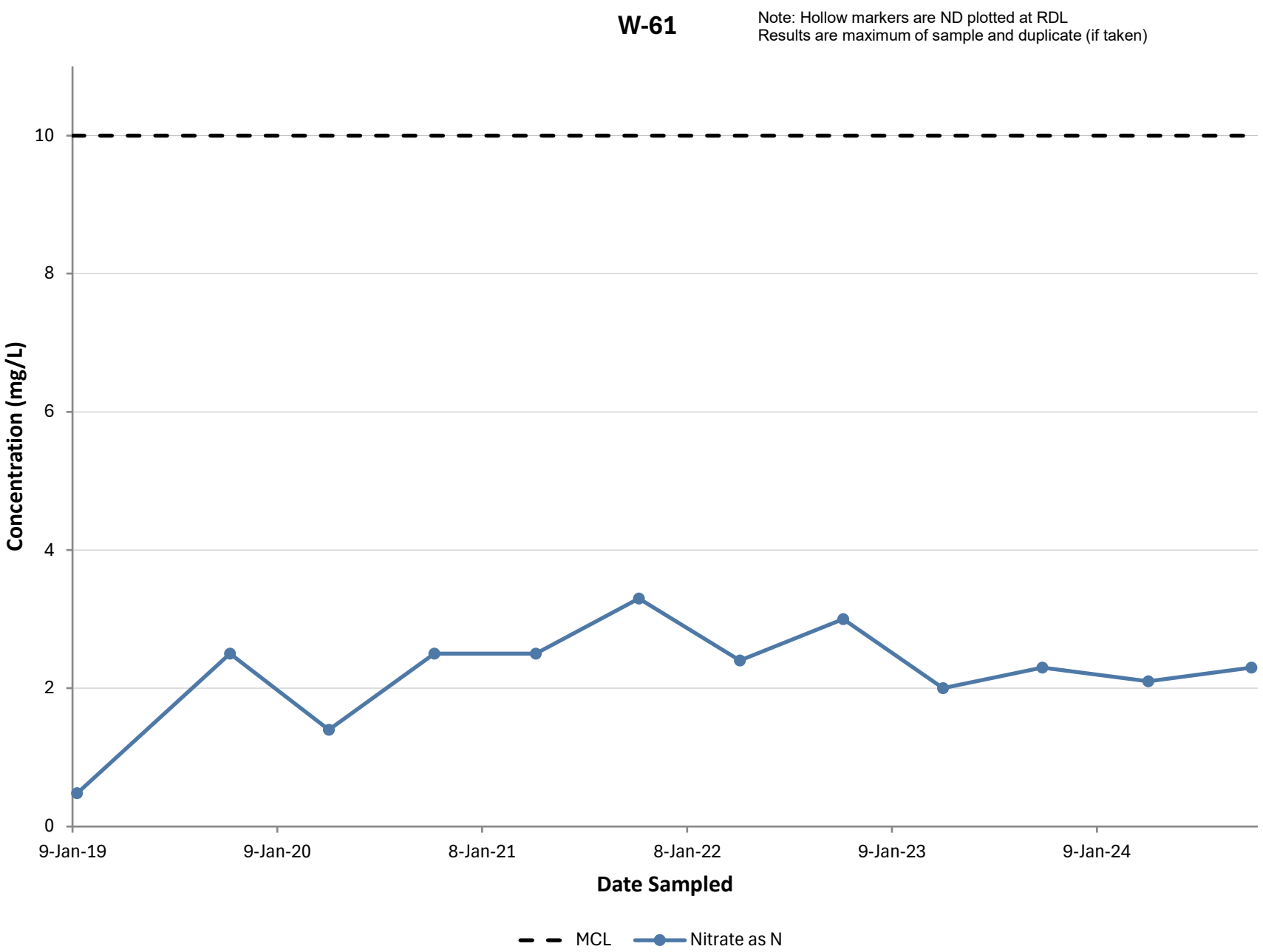

W-58
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
200
150
100
50
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

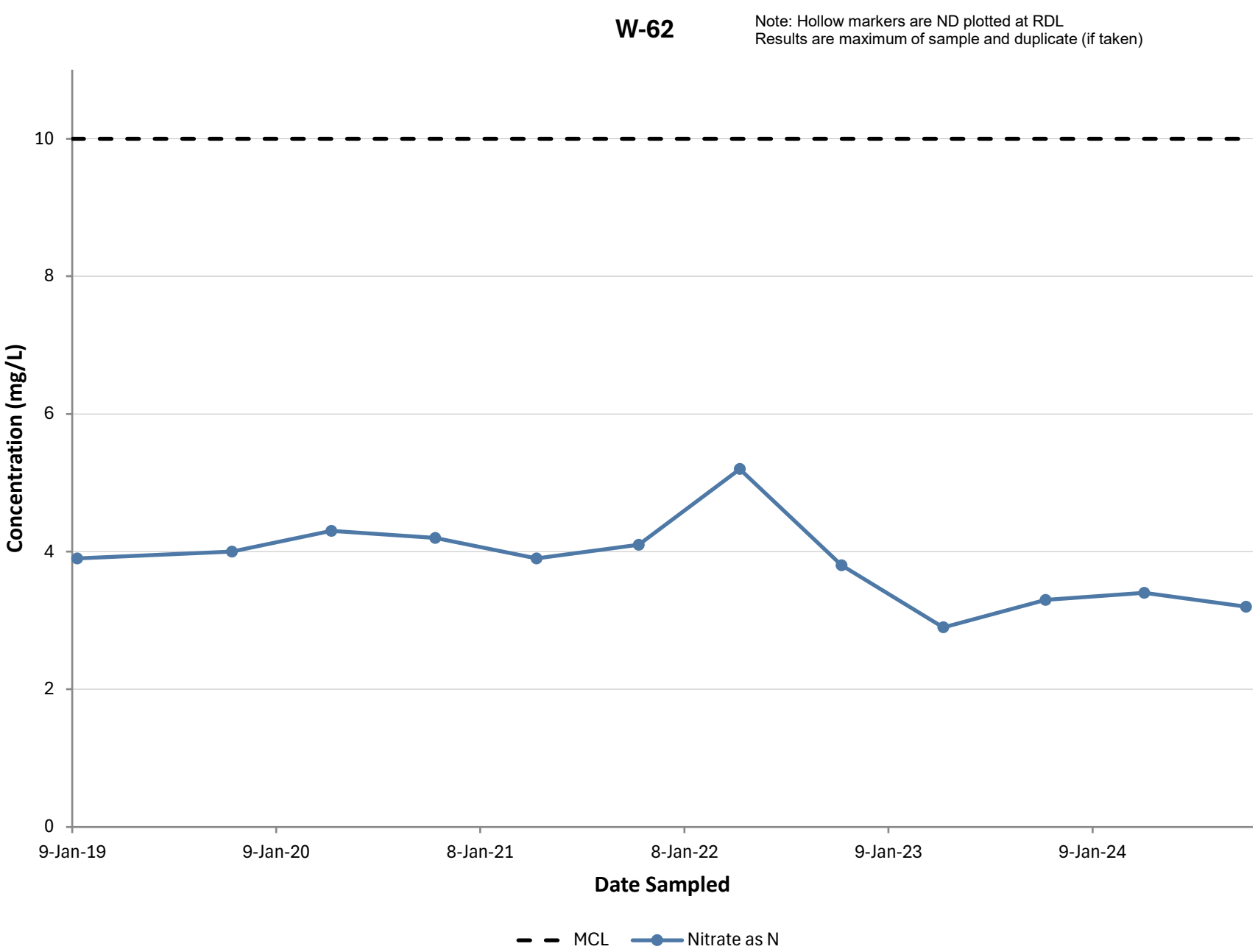
W-59

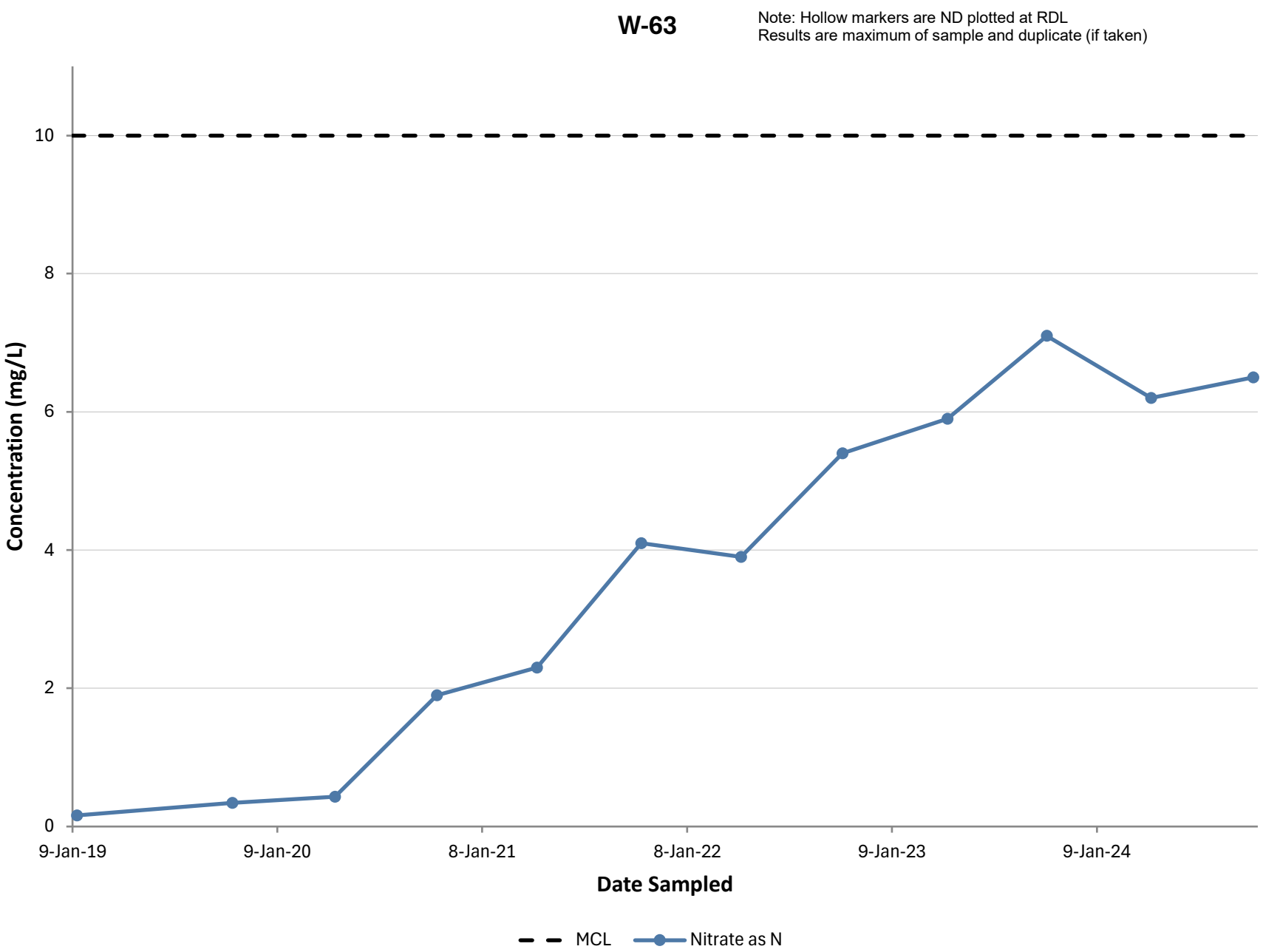
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

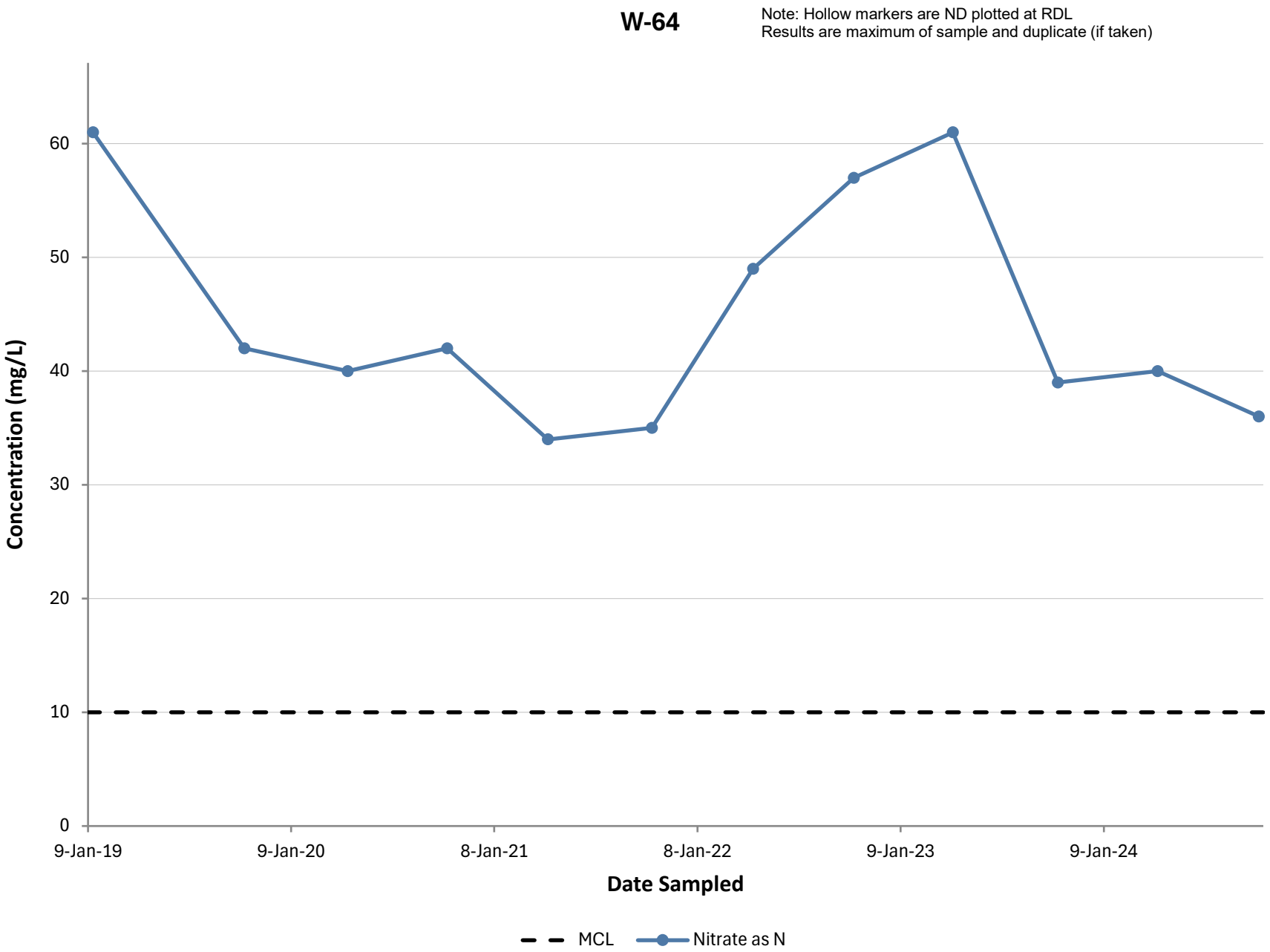


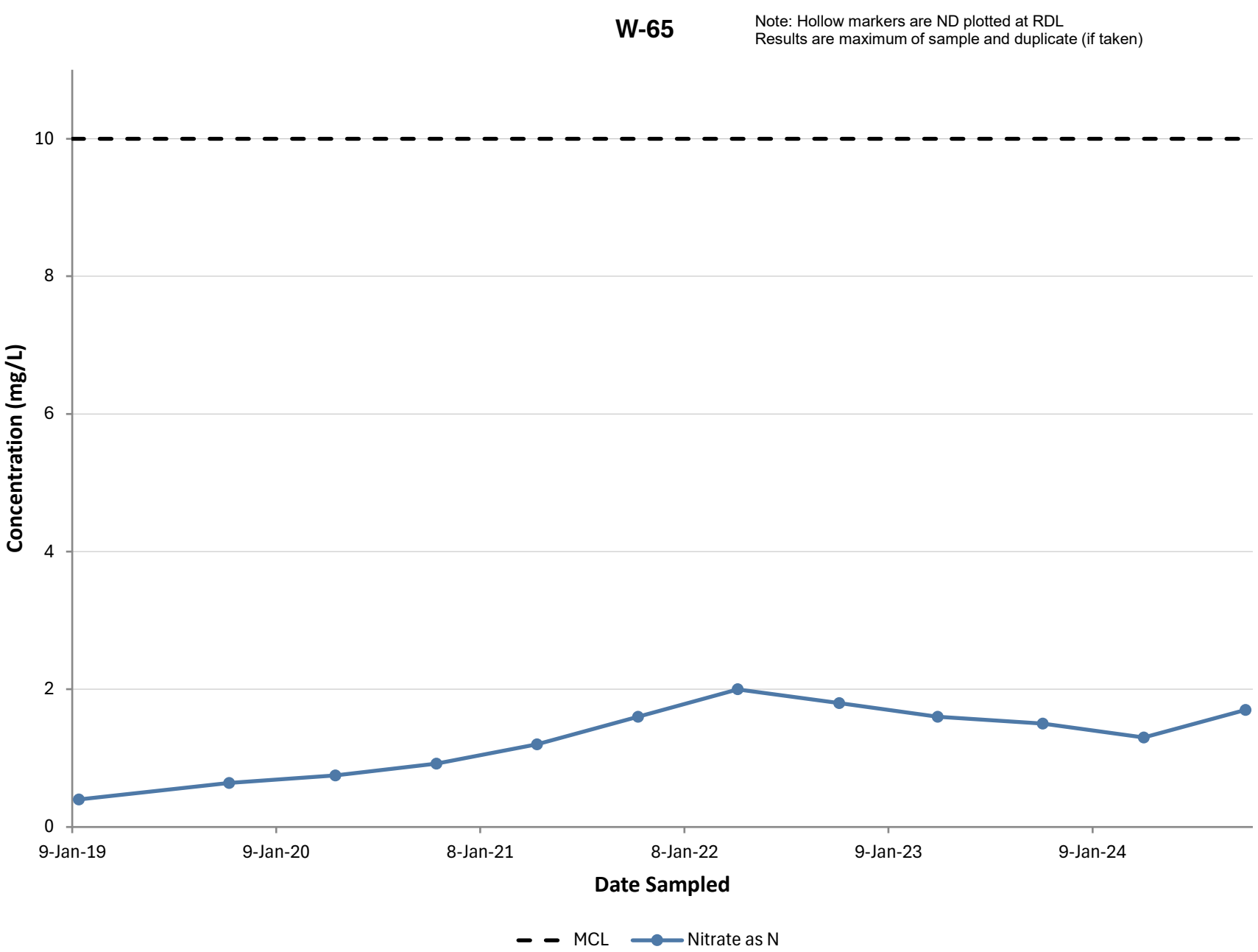

W-60
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-61
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-62
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

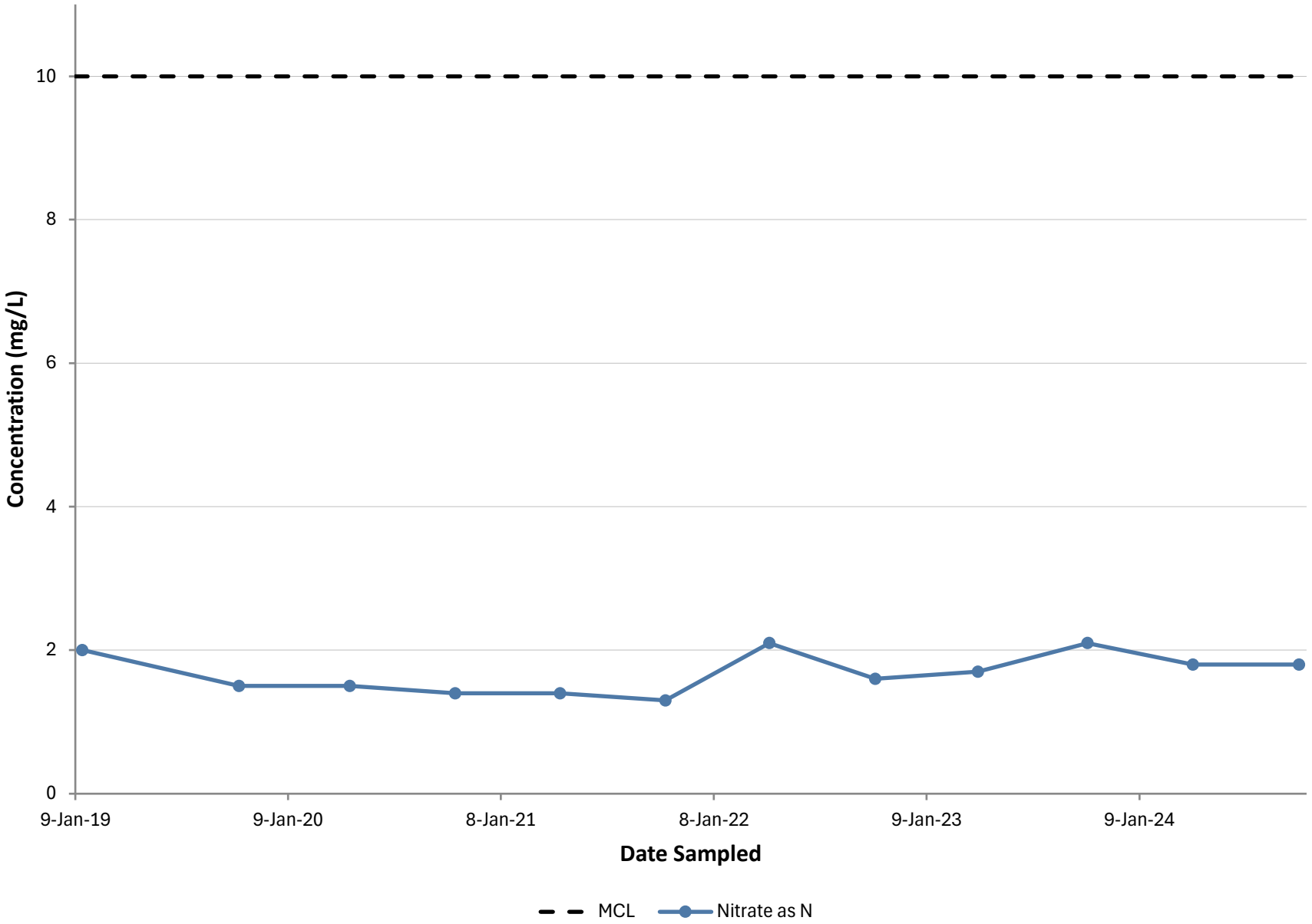

W-63
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

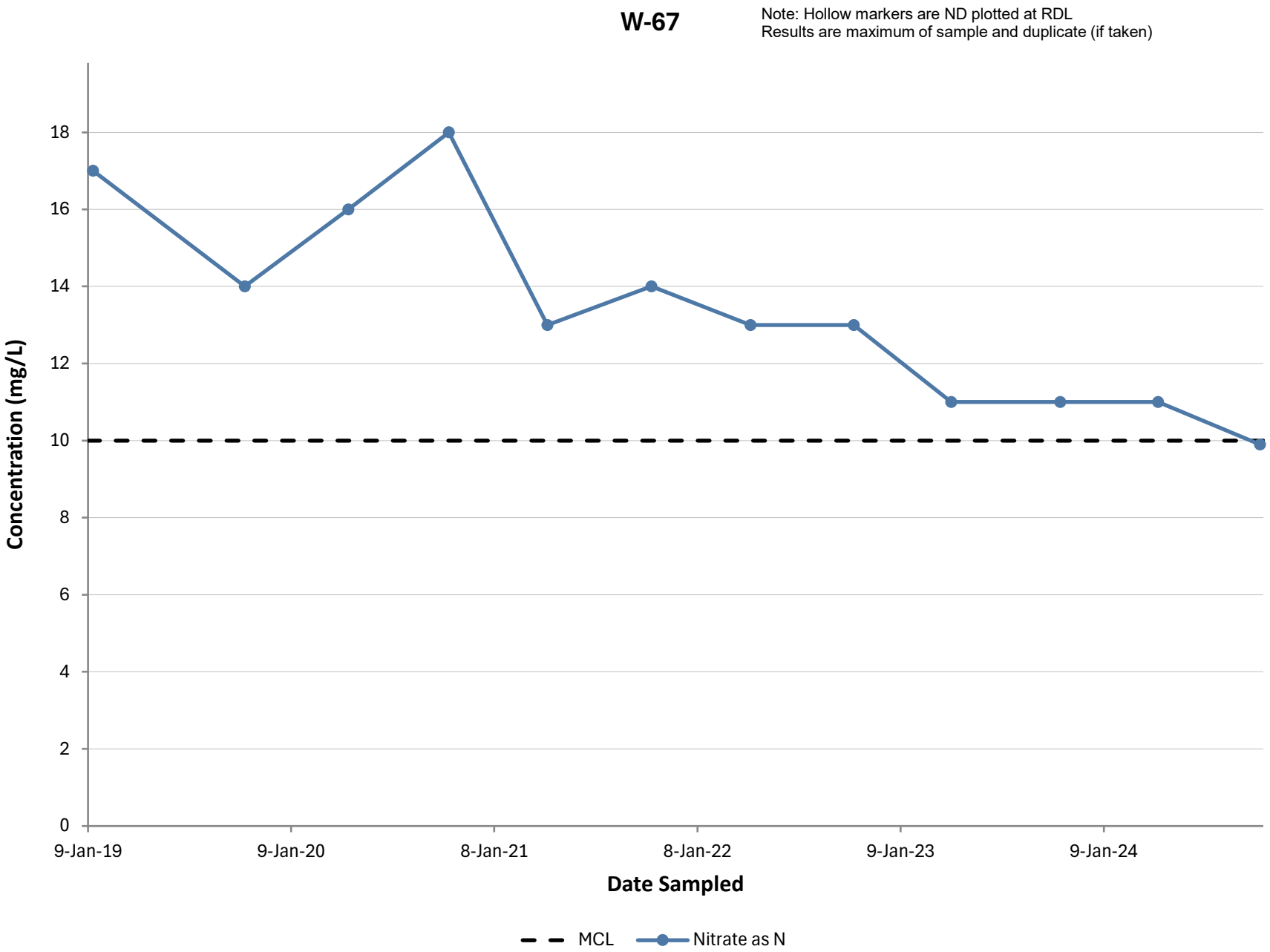

W-64
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
60
50
40
30
20
10
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-65
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

W-66

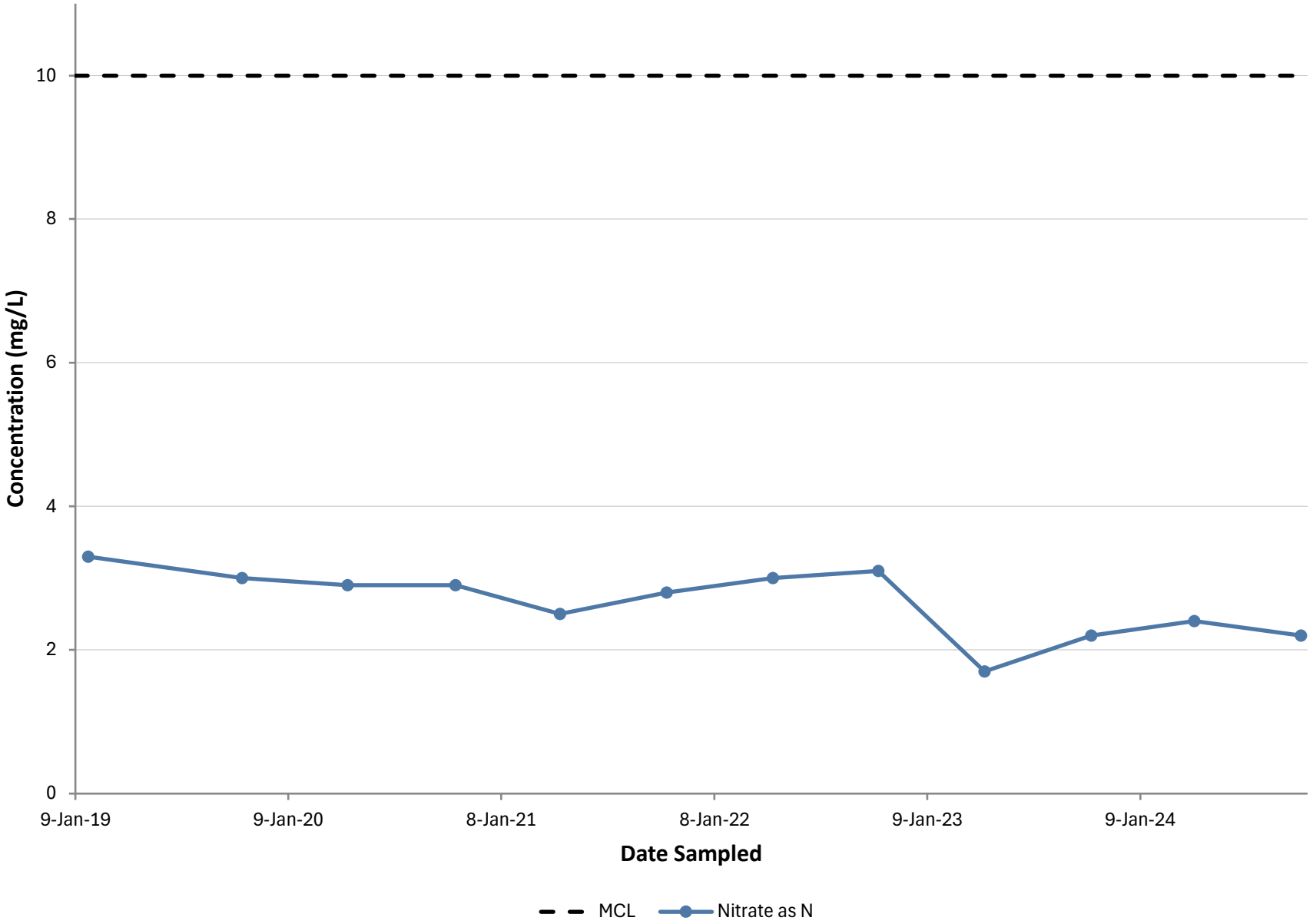
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-67
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
18
16
14
12
10
8
6
4
2
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

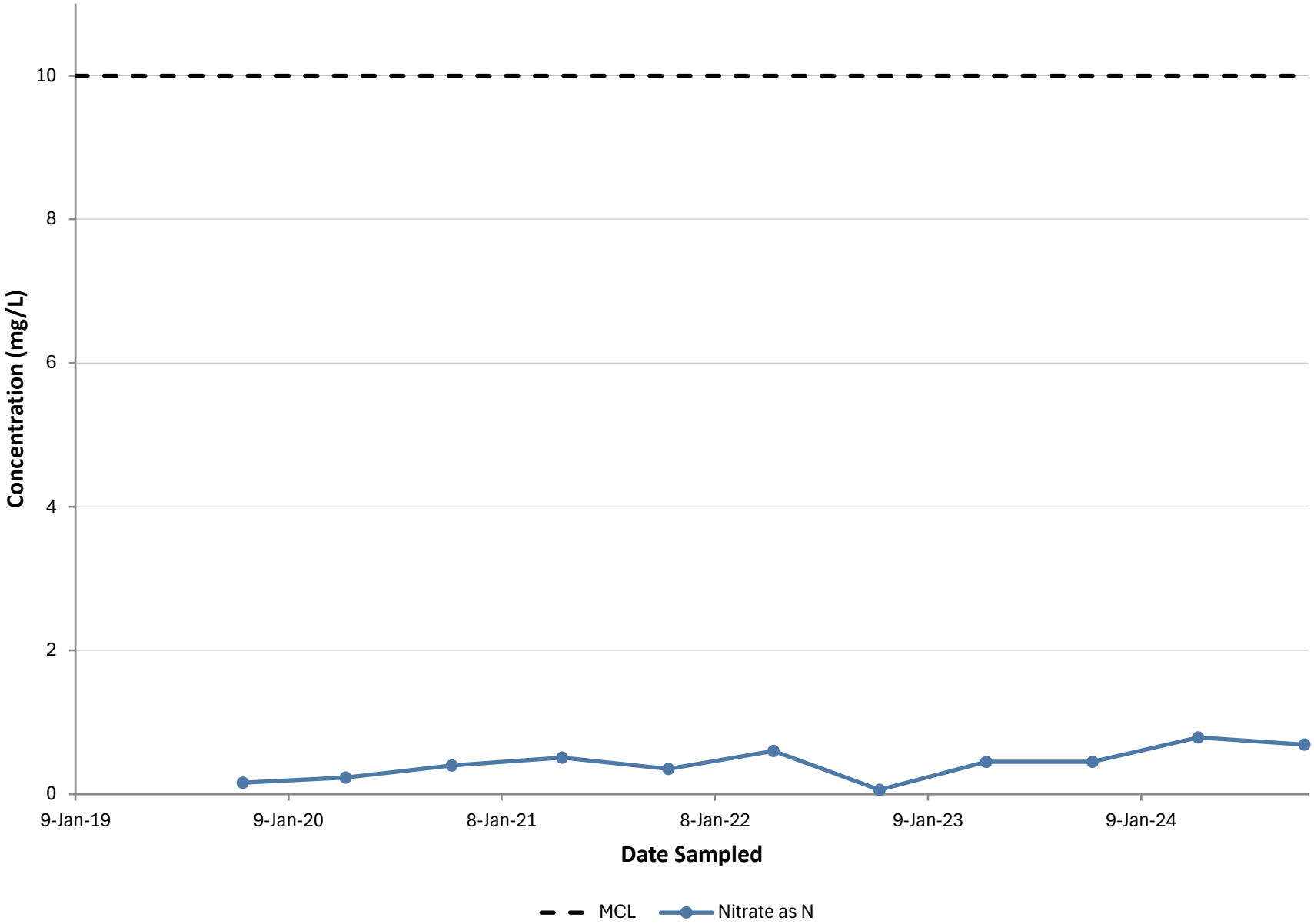
W-68

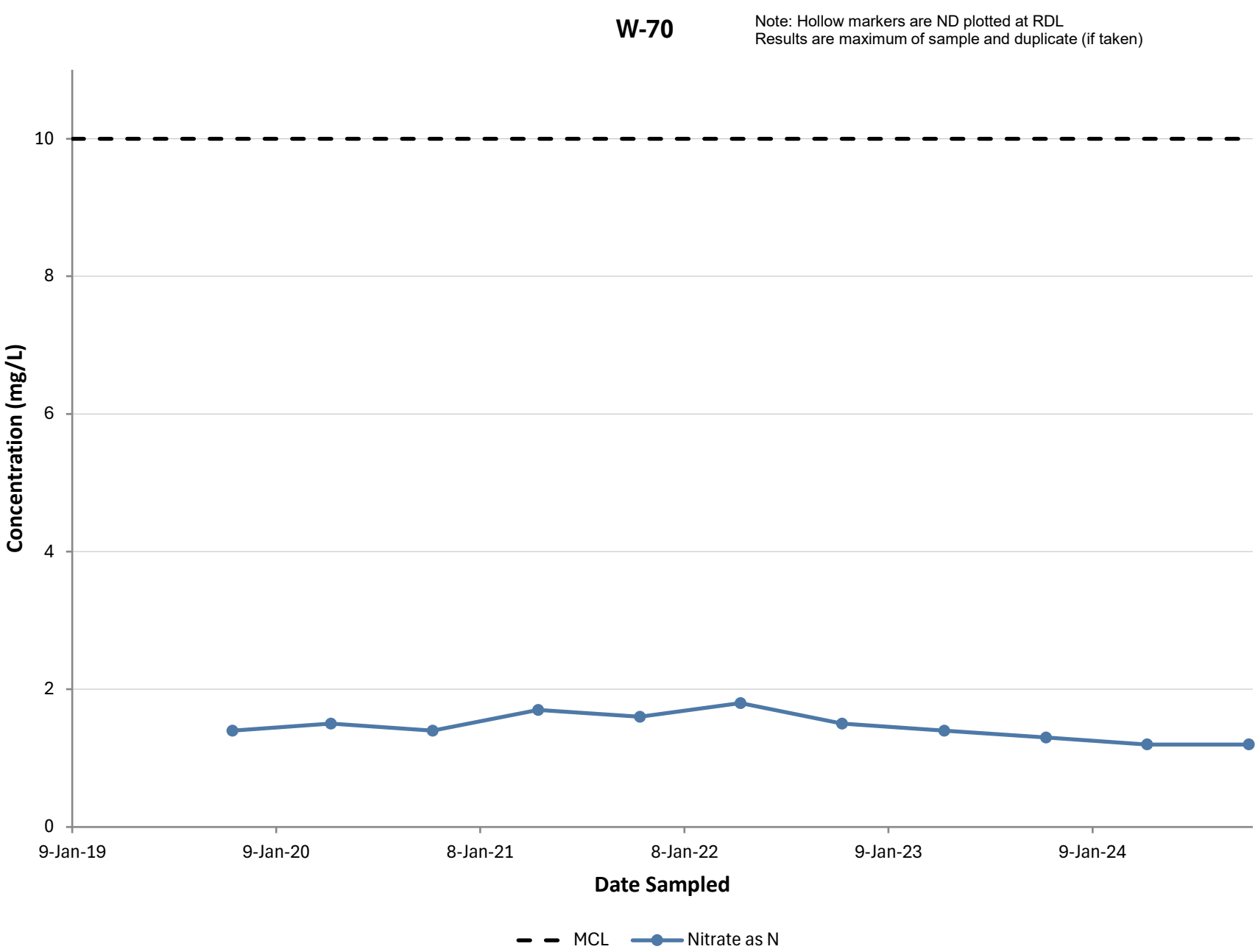
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-69

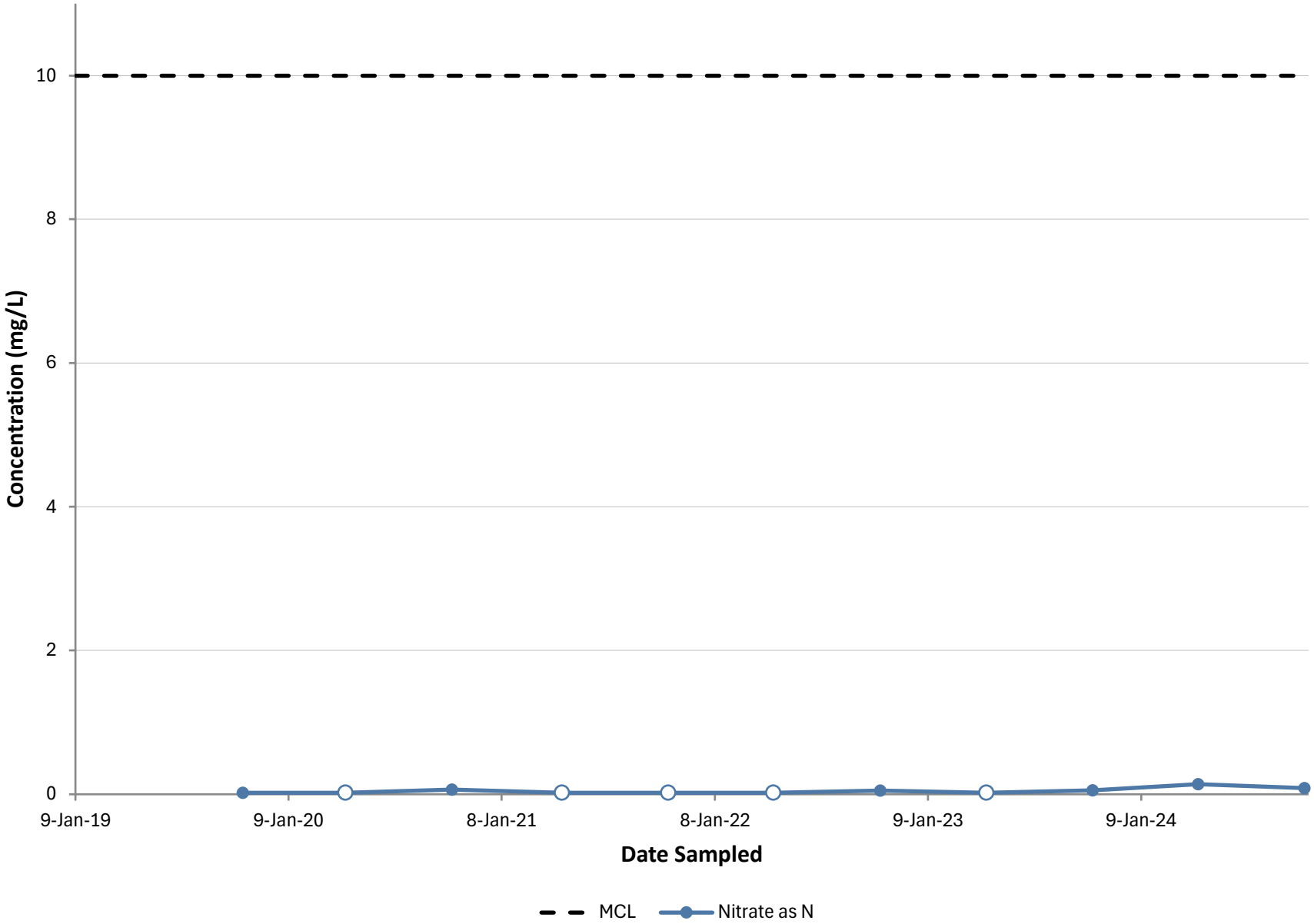
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

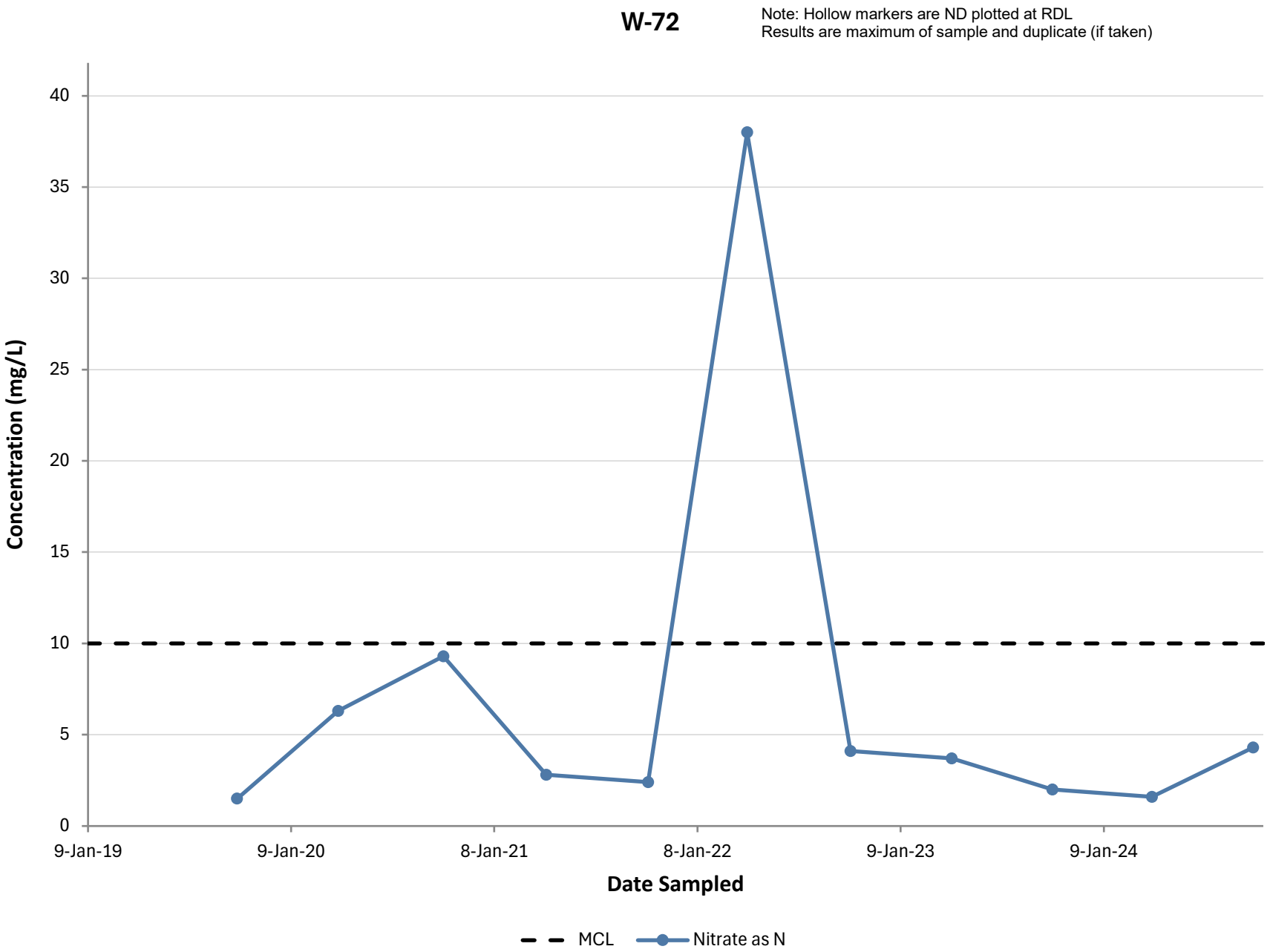



W-70
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

W-71

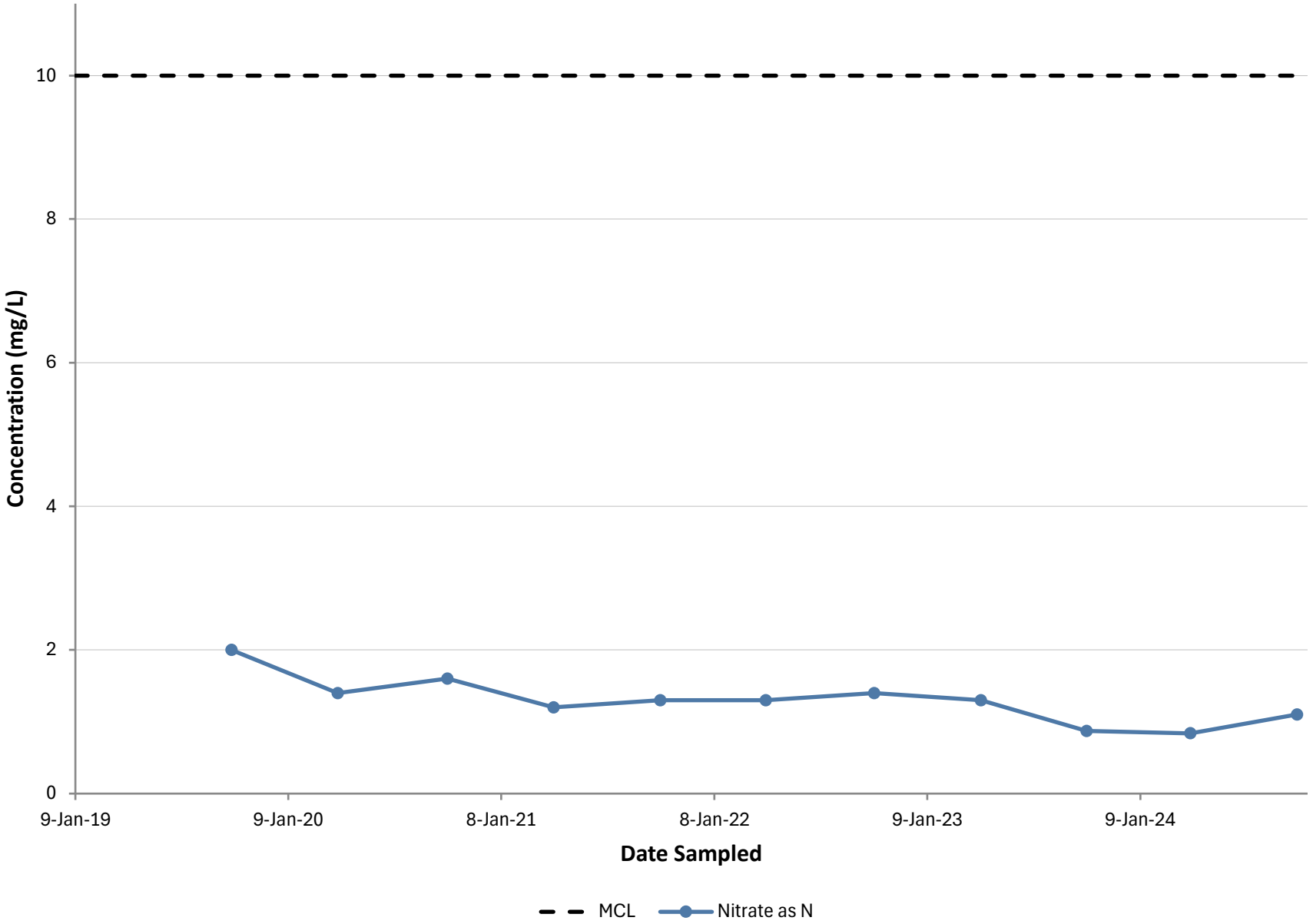
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-72
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
40
35
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

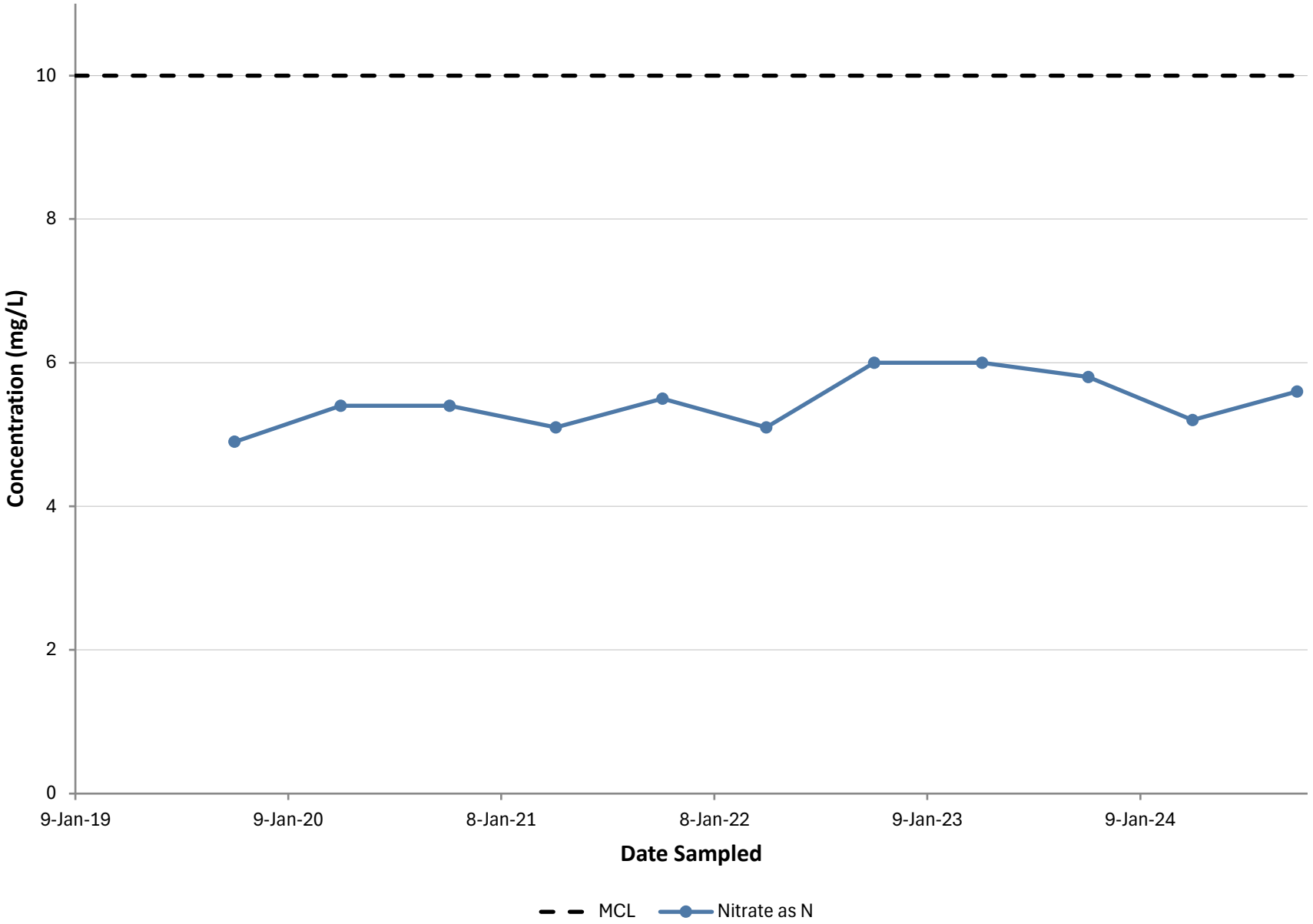
W-73

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



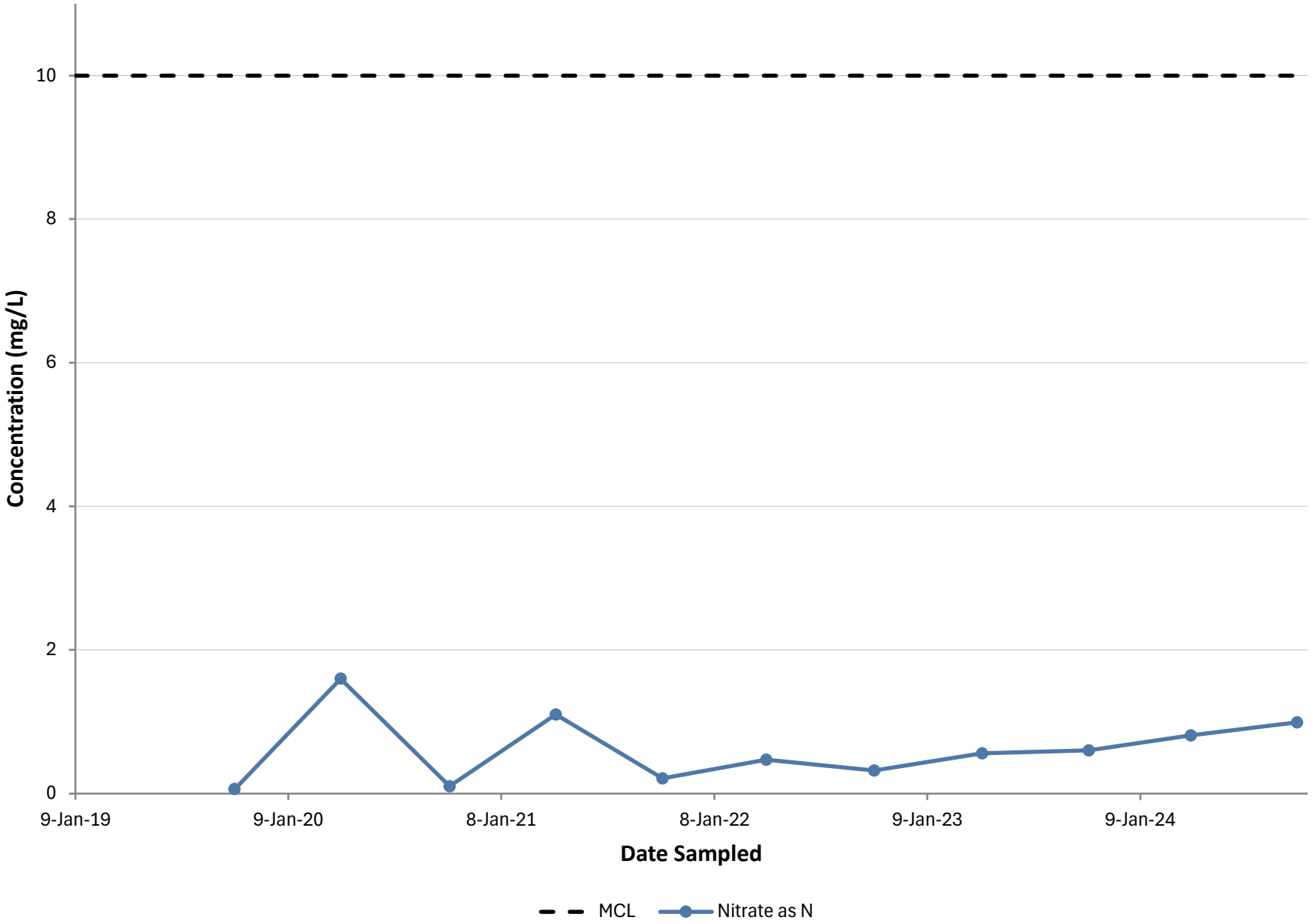
W-74

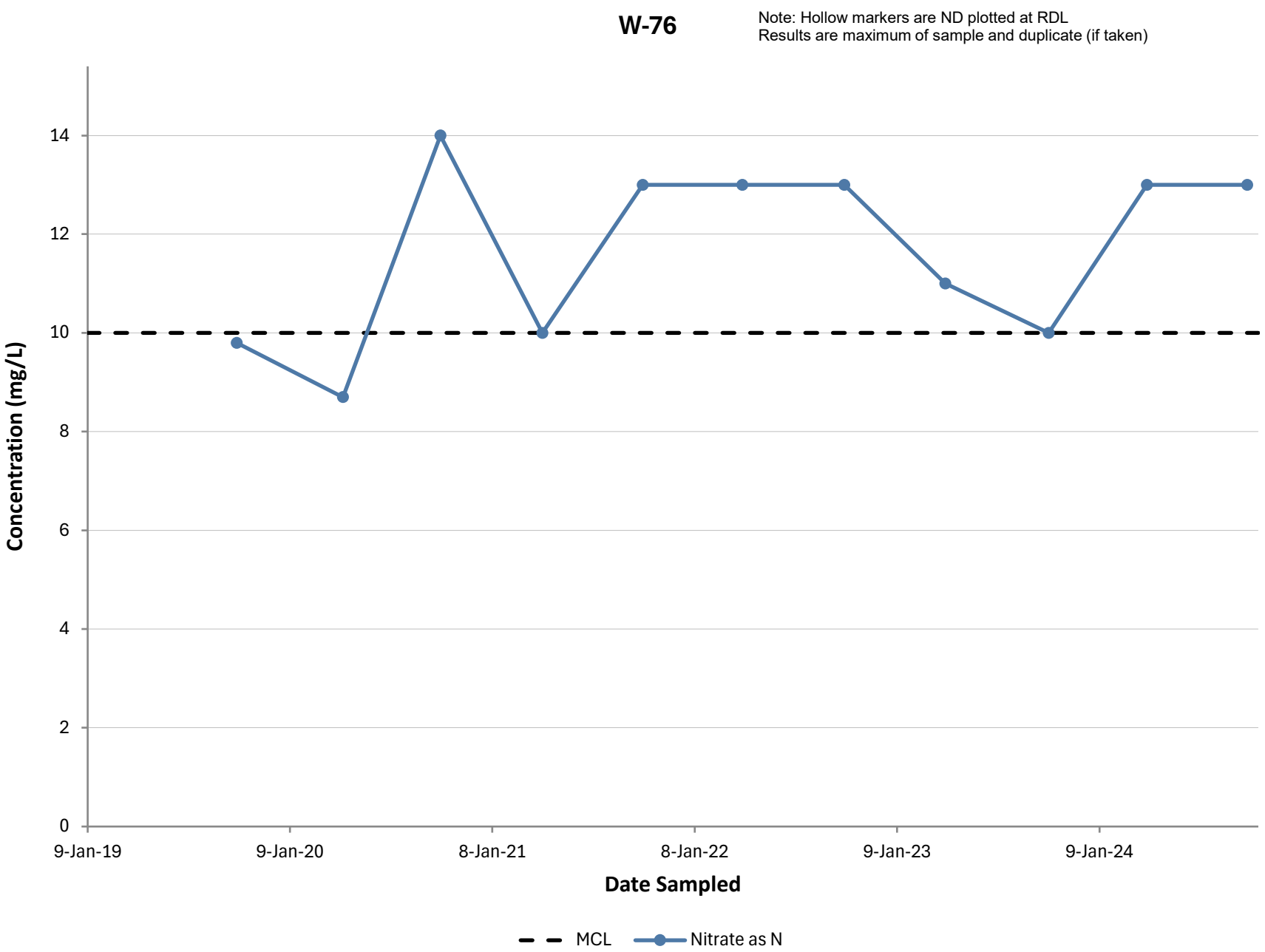
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-75

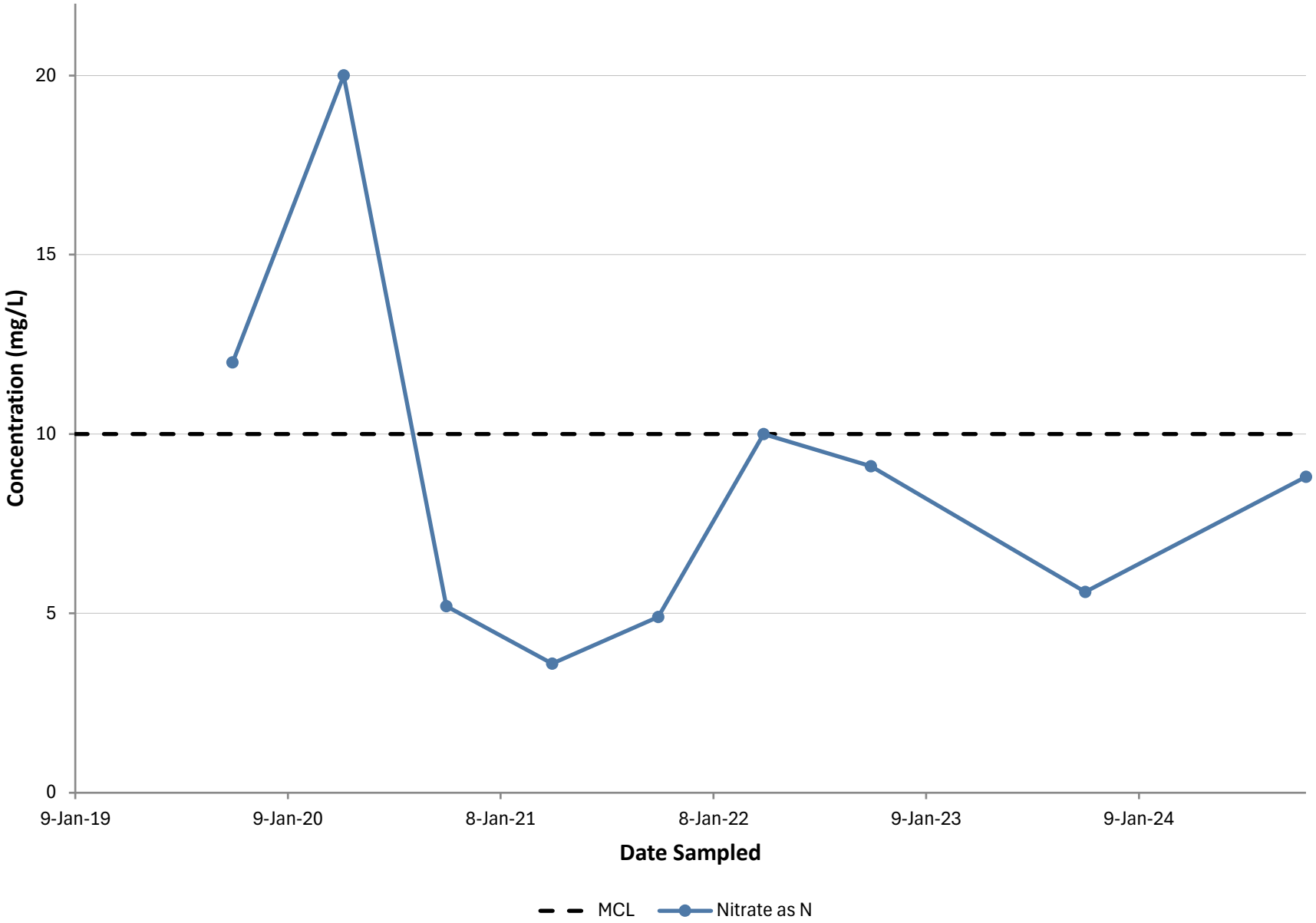
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-76
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
0
2
4
6
8
10
12
14
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

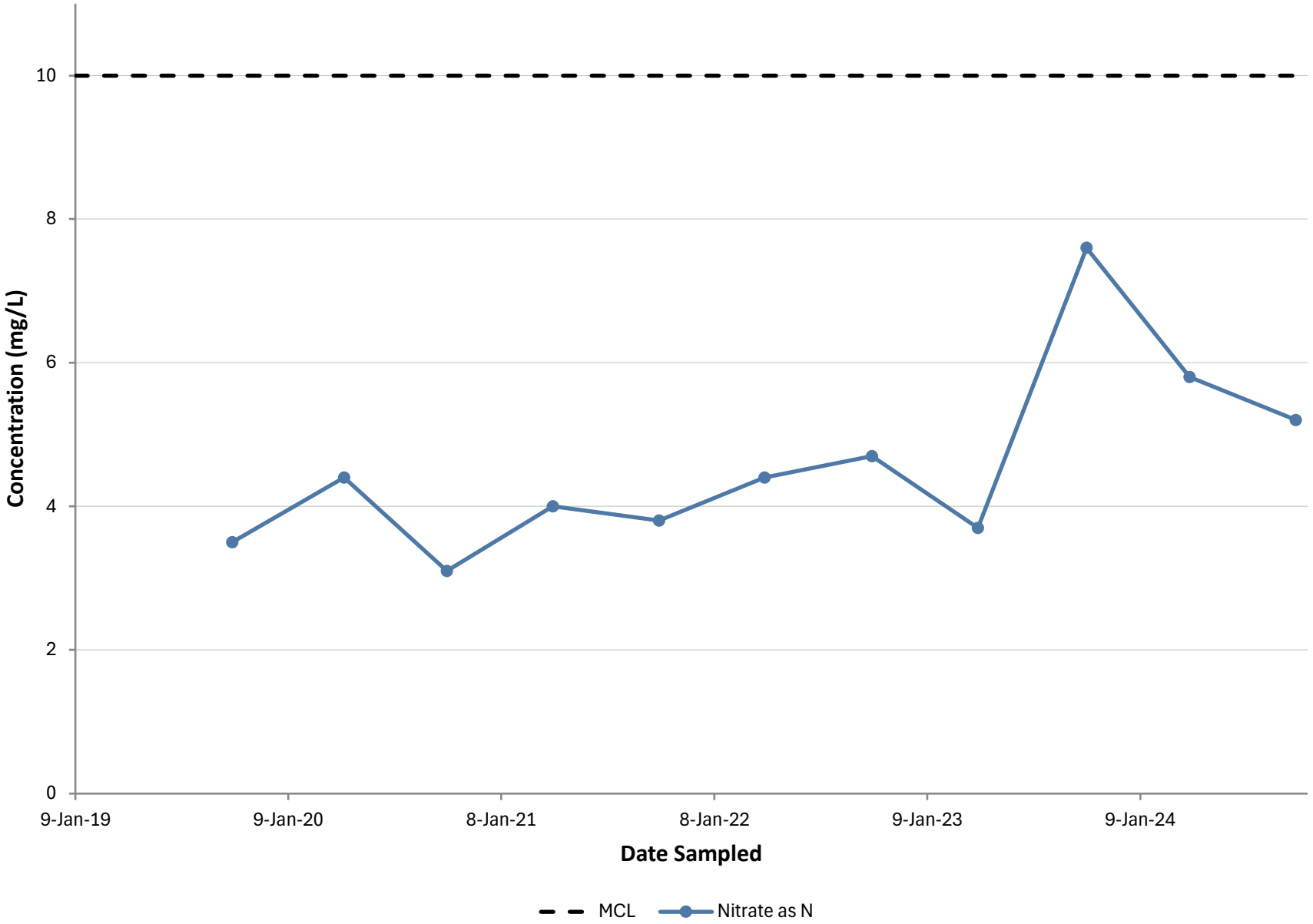
W-77

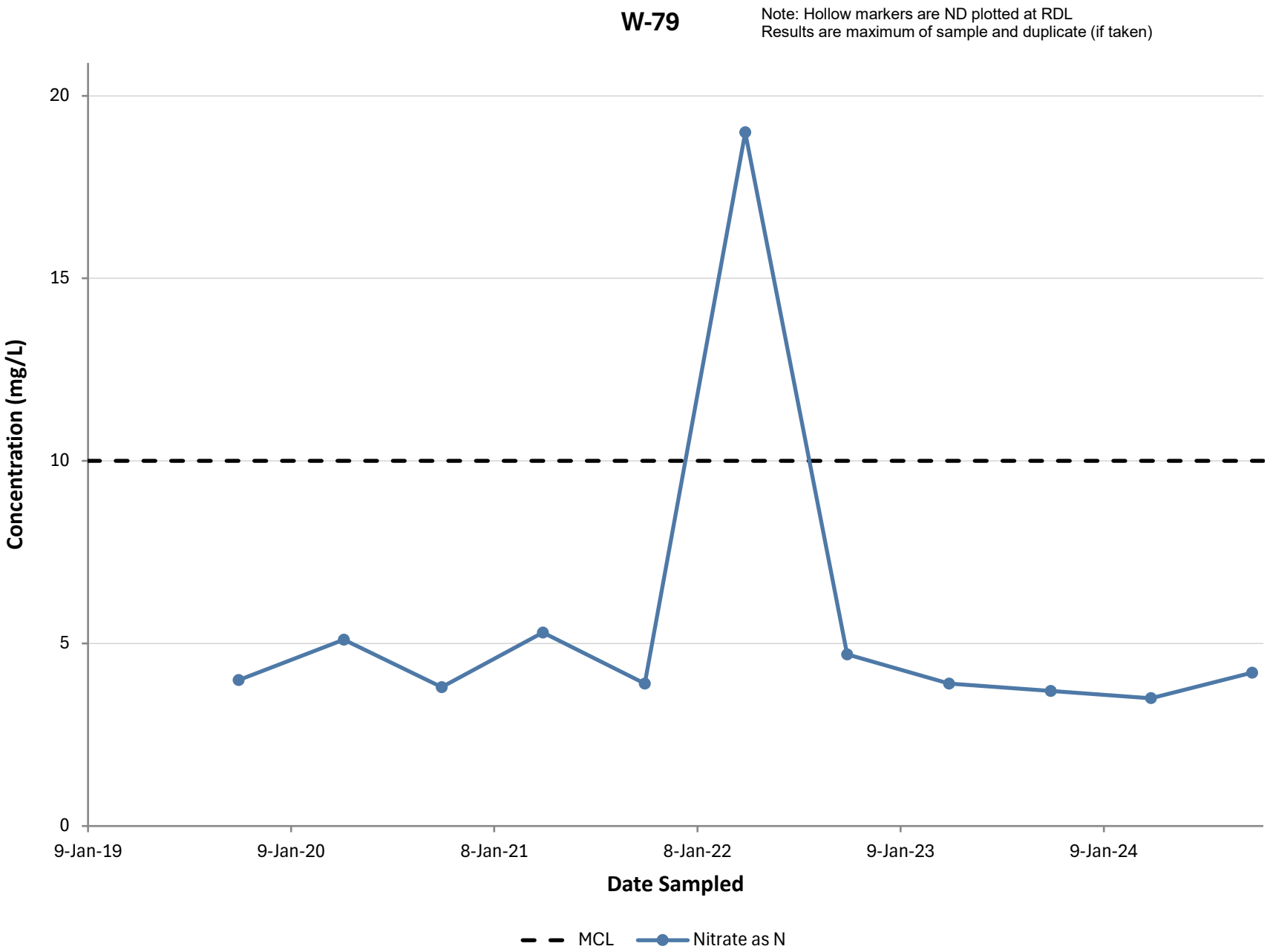
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

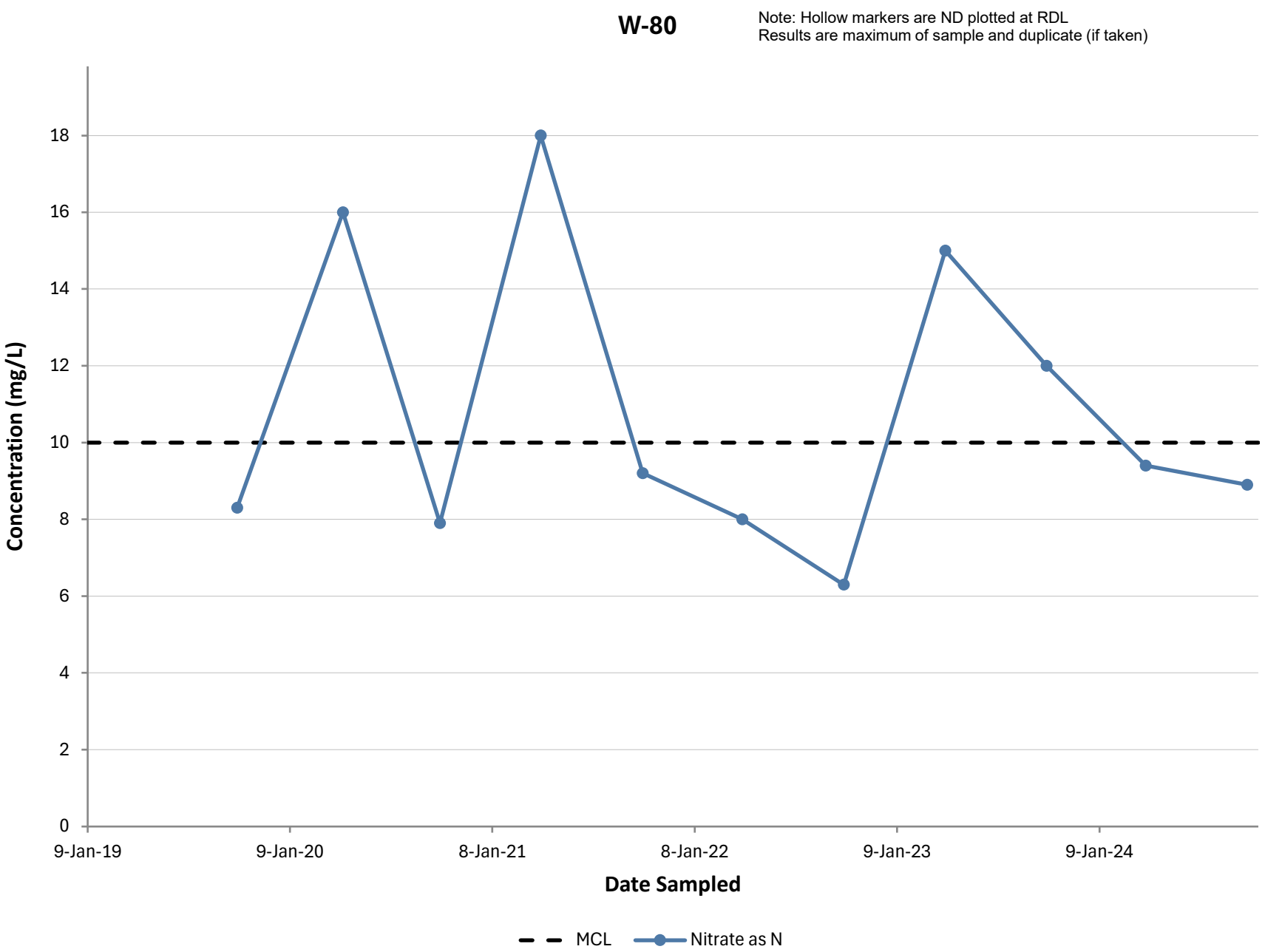


W-78

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

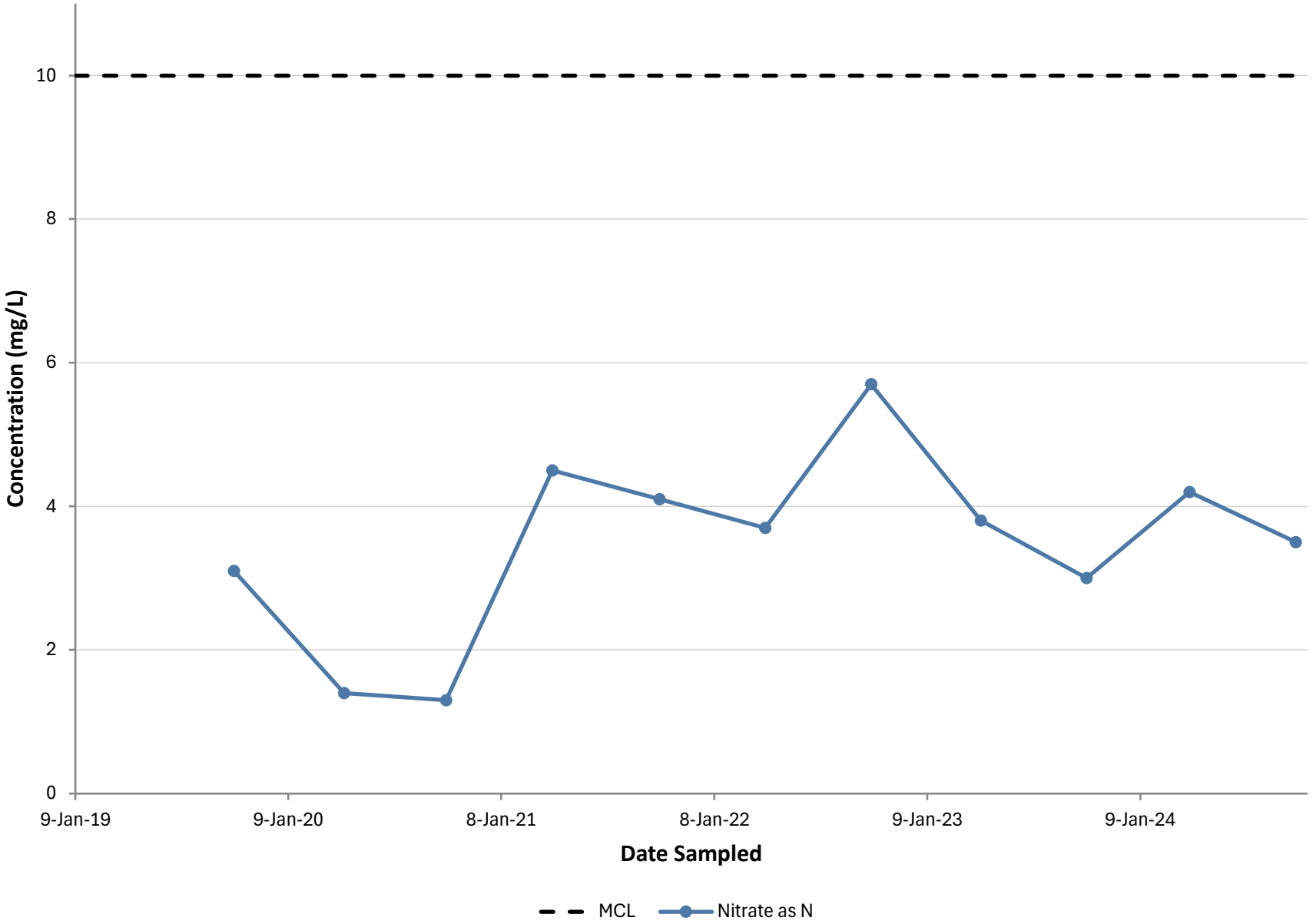



W-79
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-80
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
0
2
4
6
8
10
12
14
16
18
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

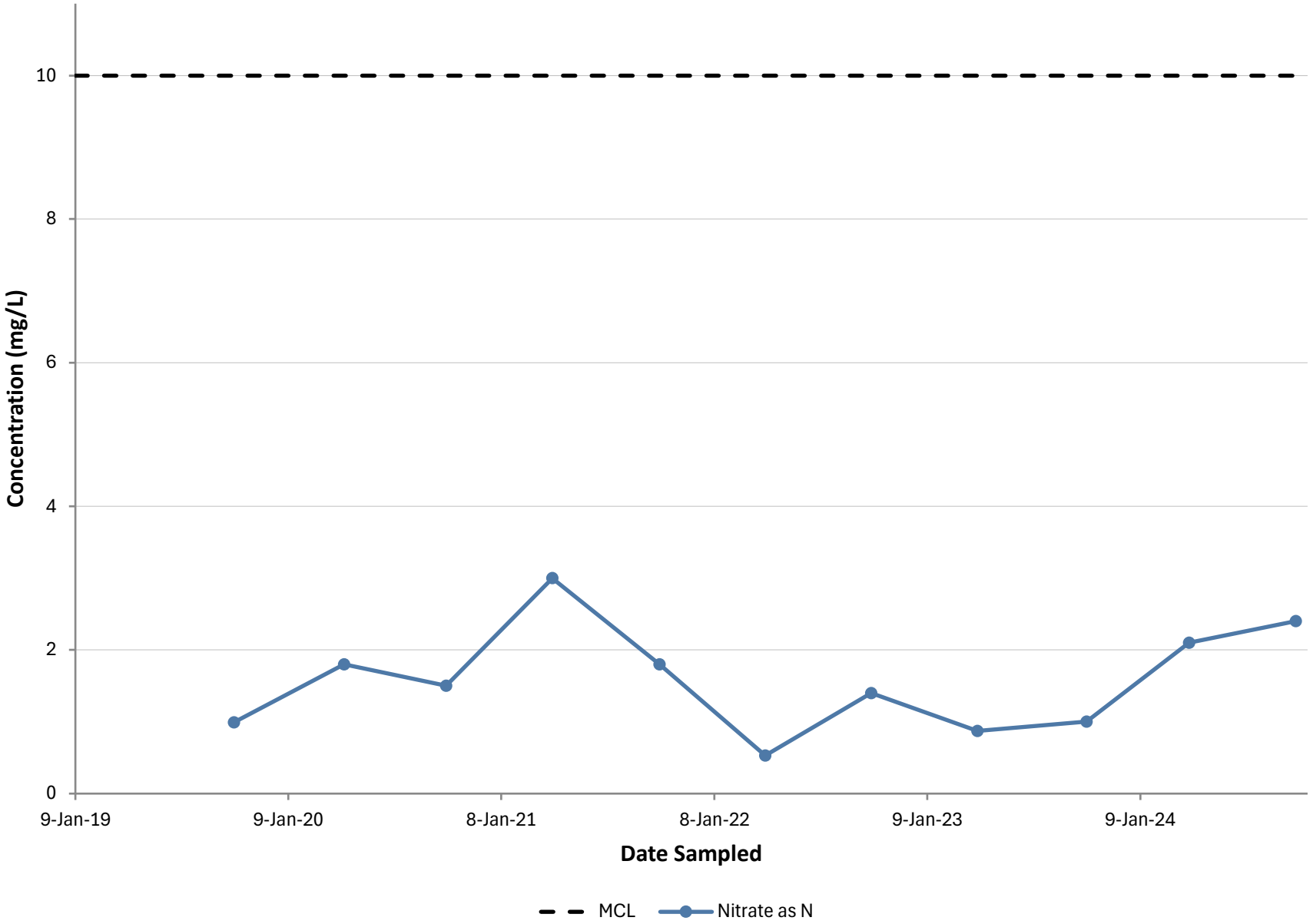
W-81

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



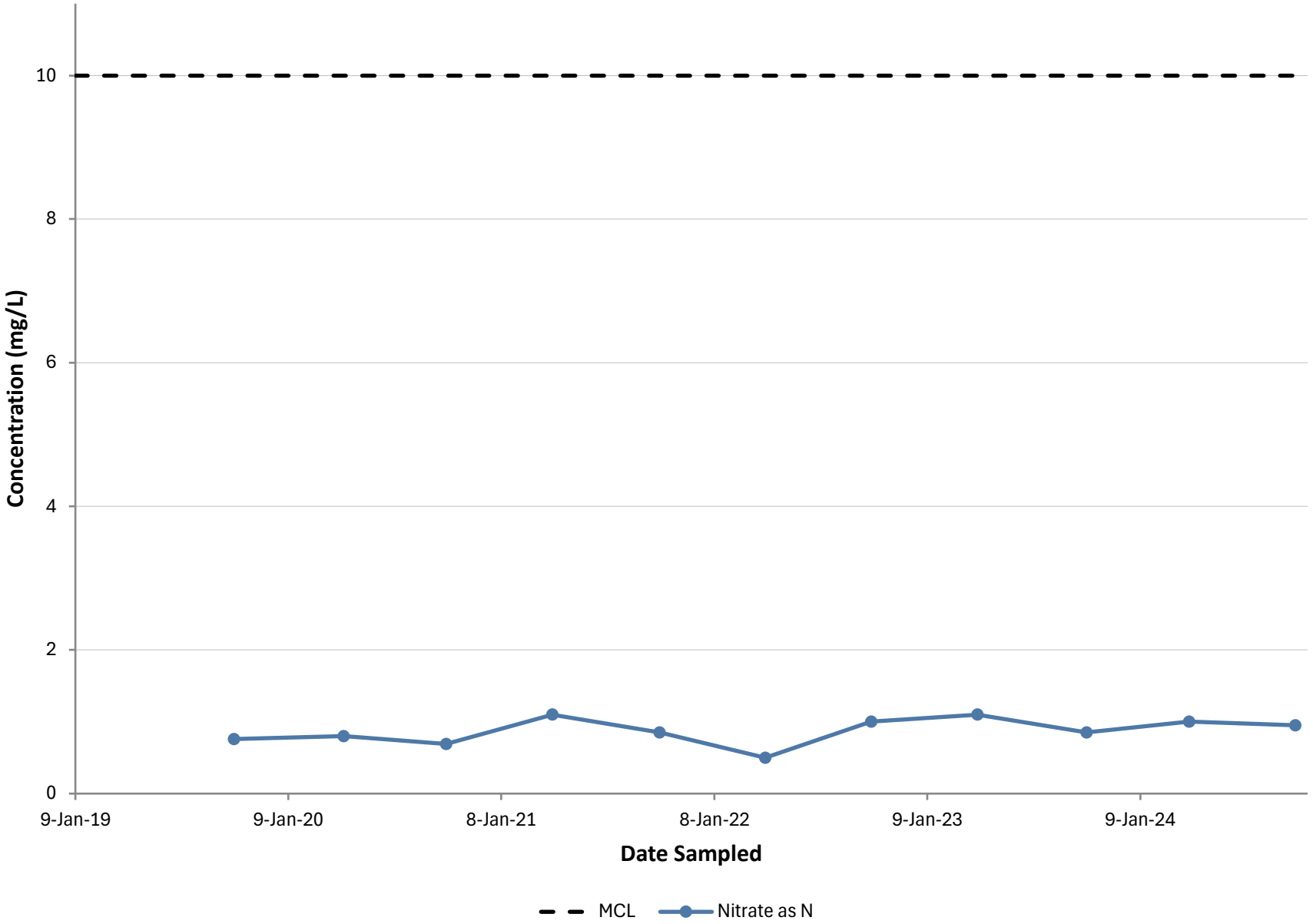
W-82

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



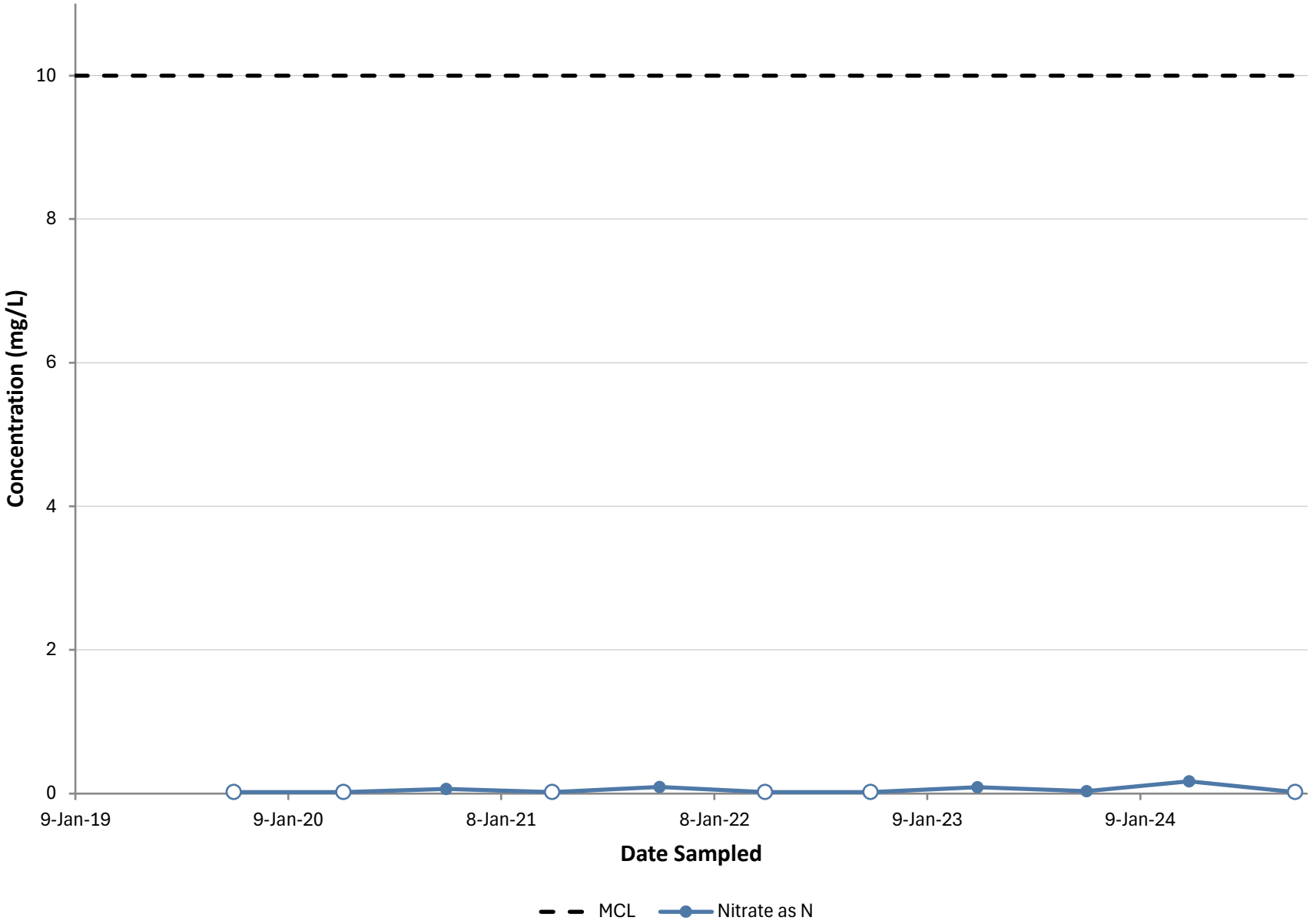
W-83

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



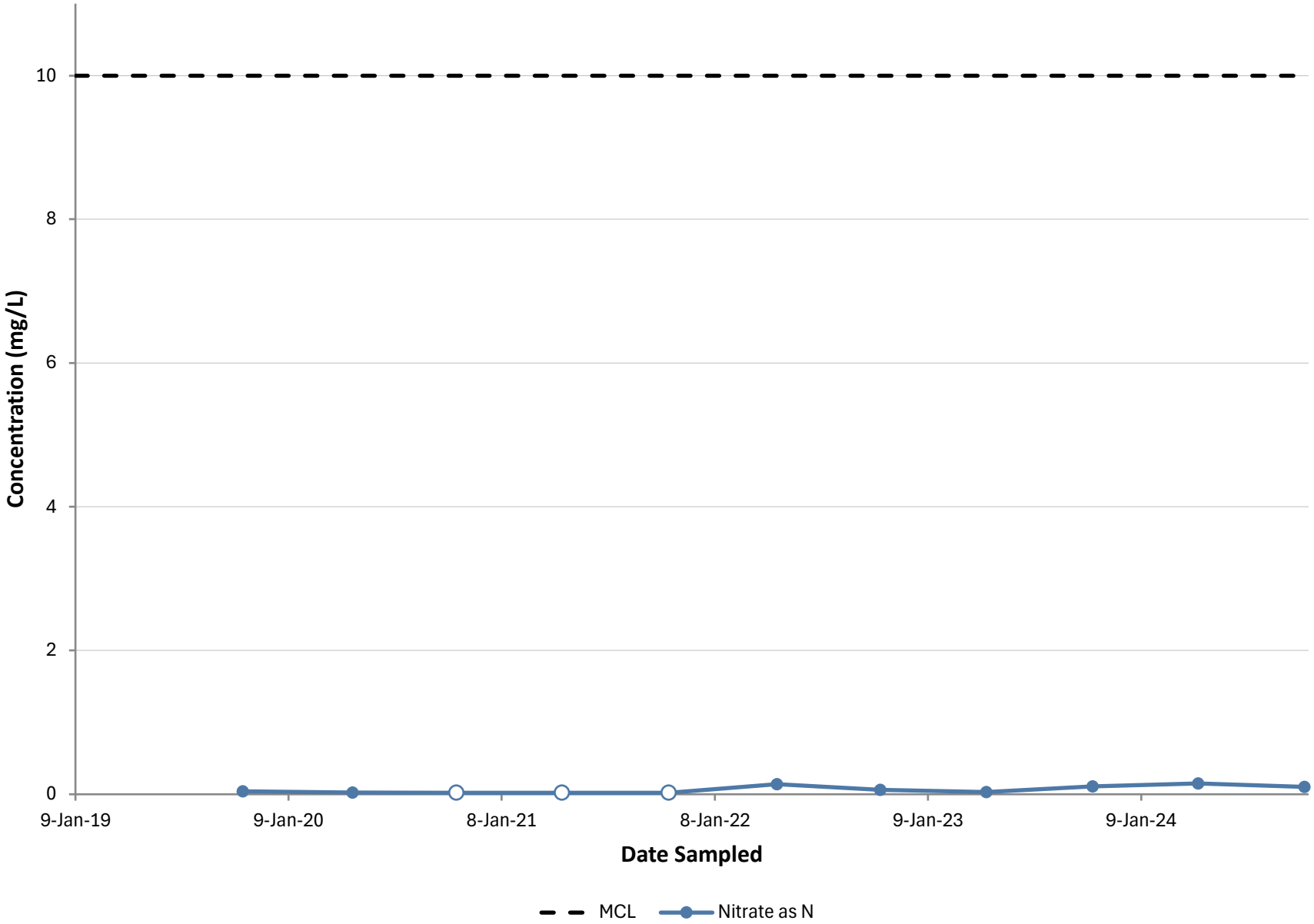
W-84

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



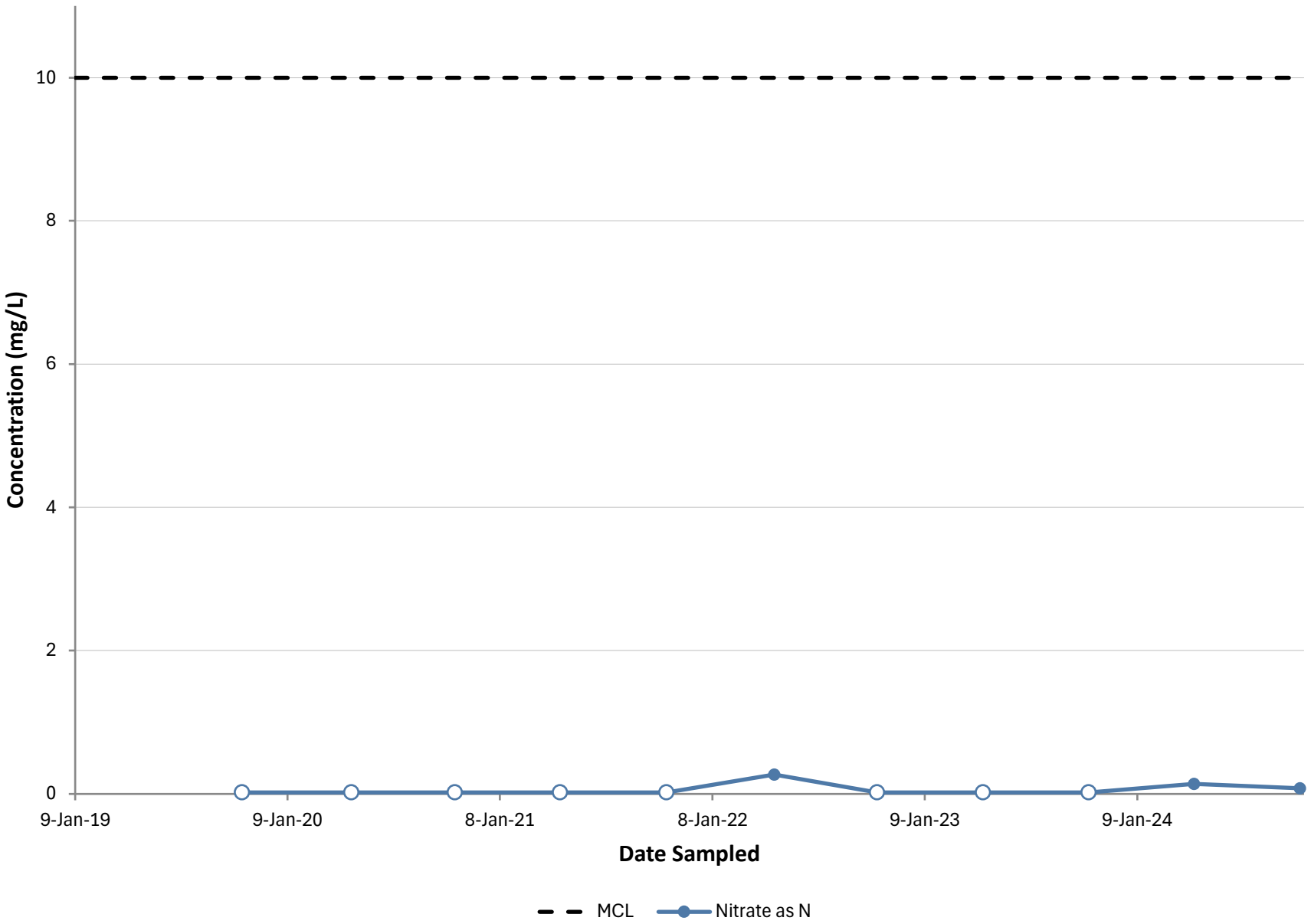
W-85

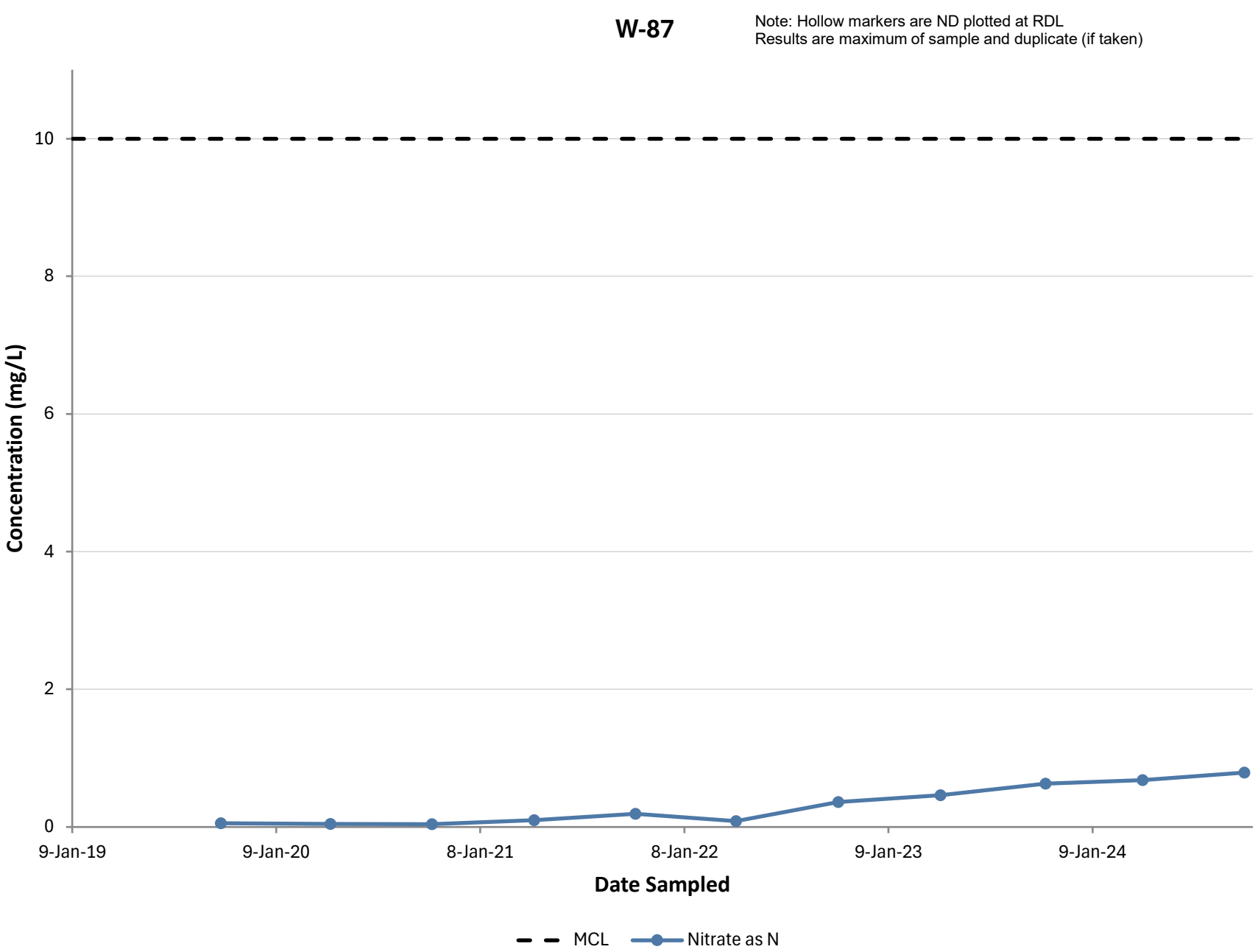
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

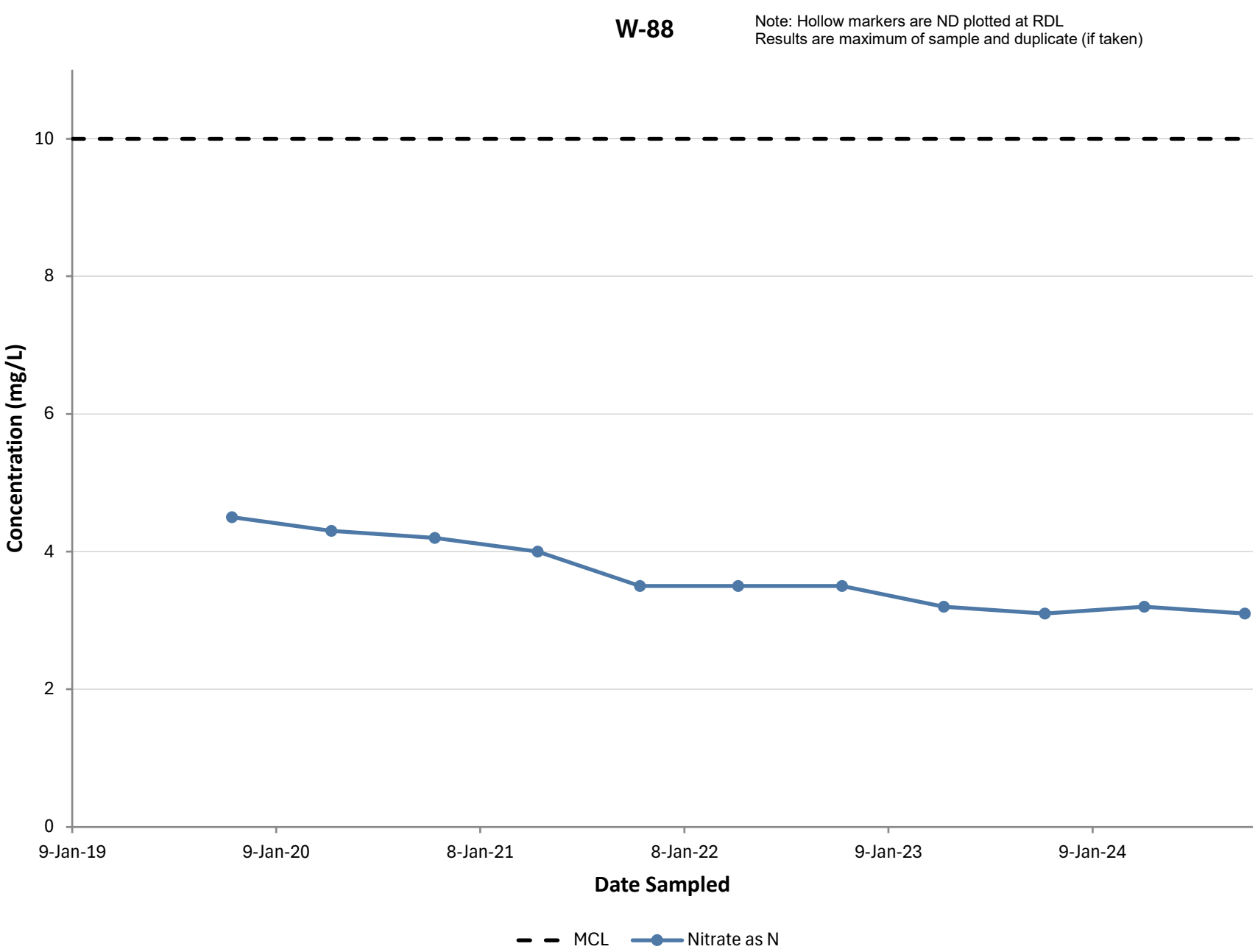


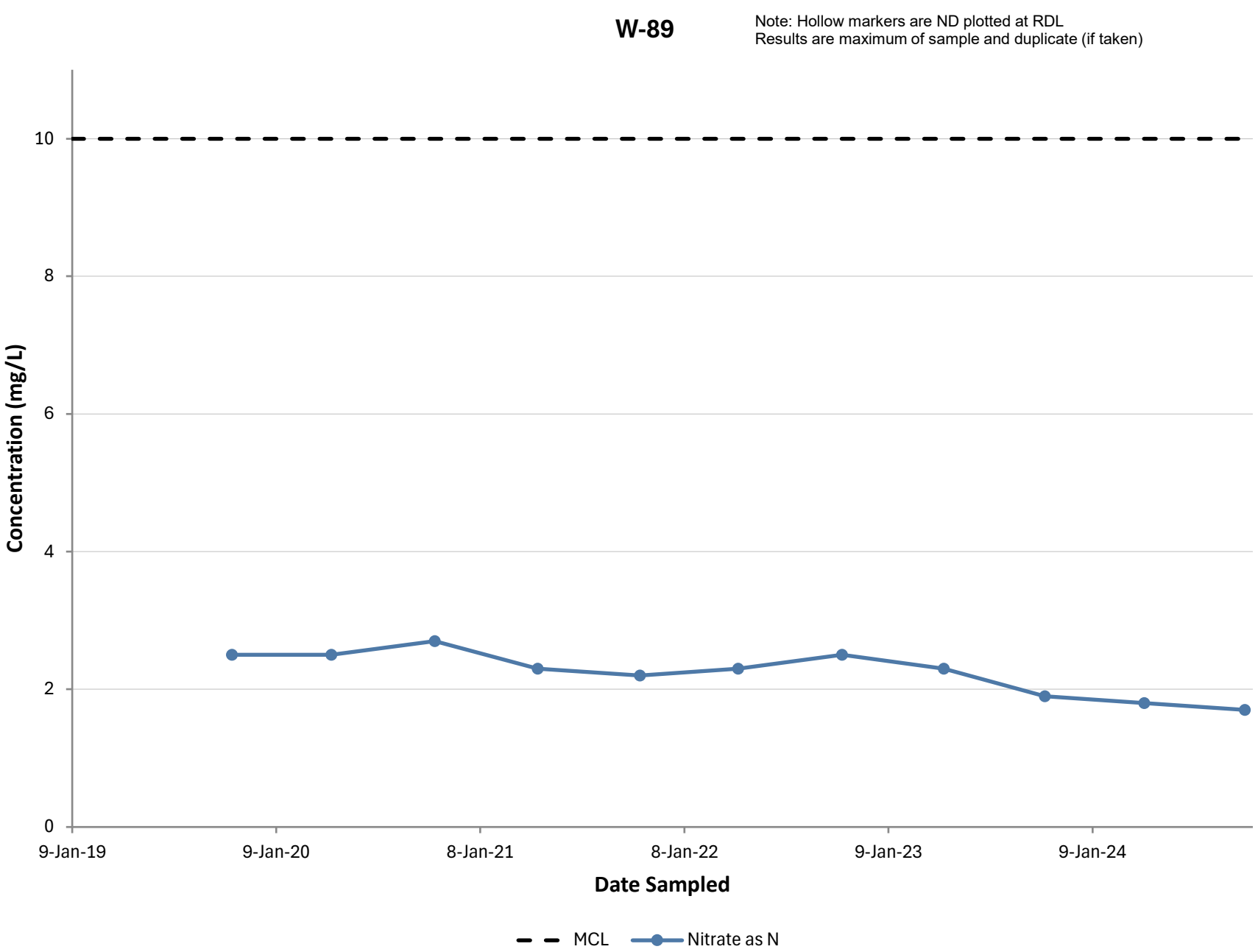
W-86

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



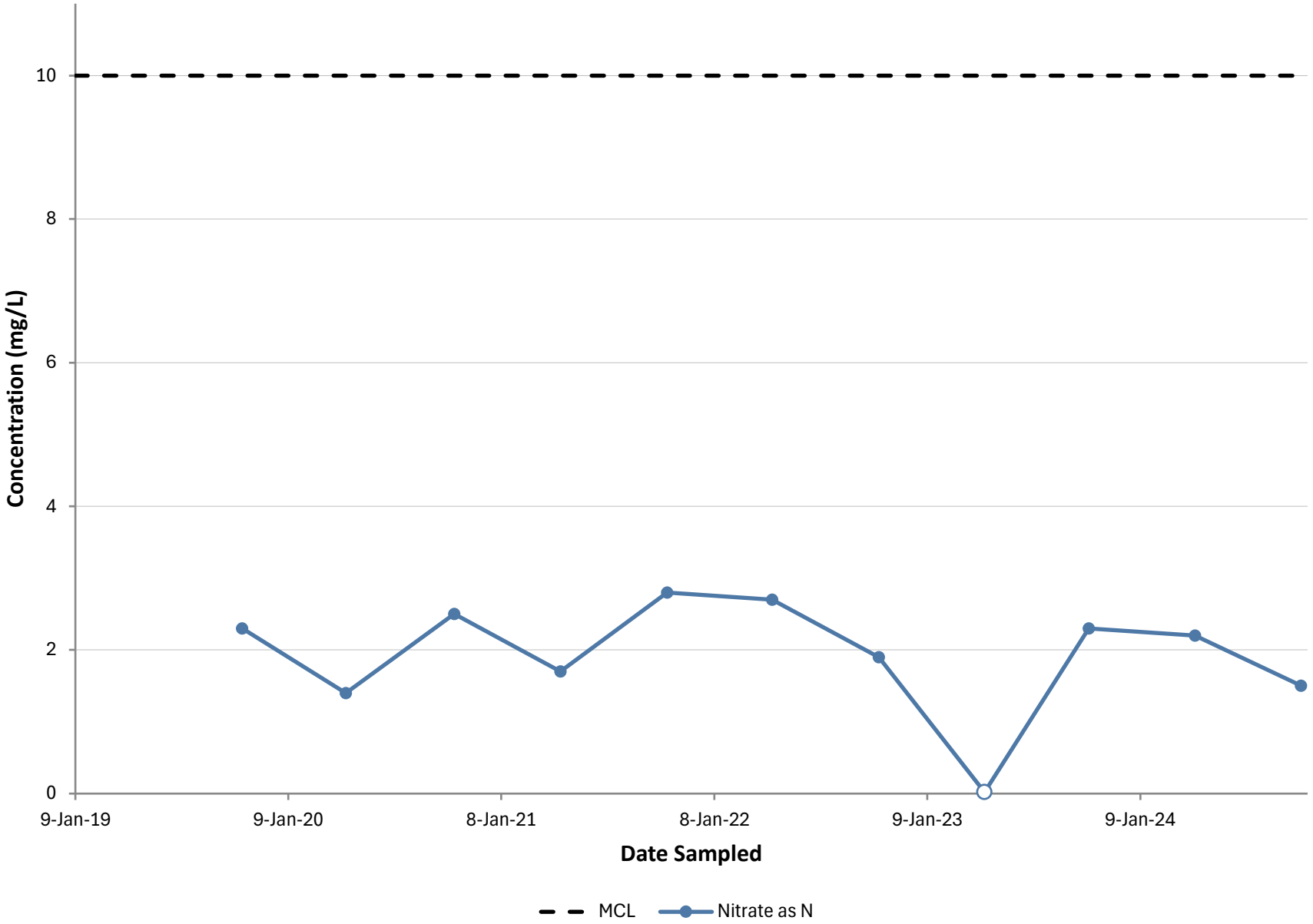

W-87
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-88
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-89
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

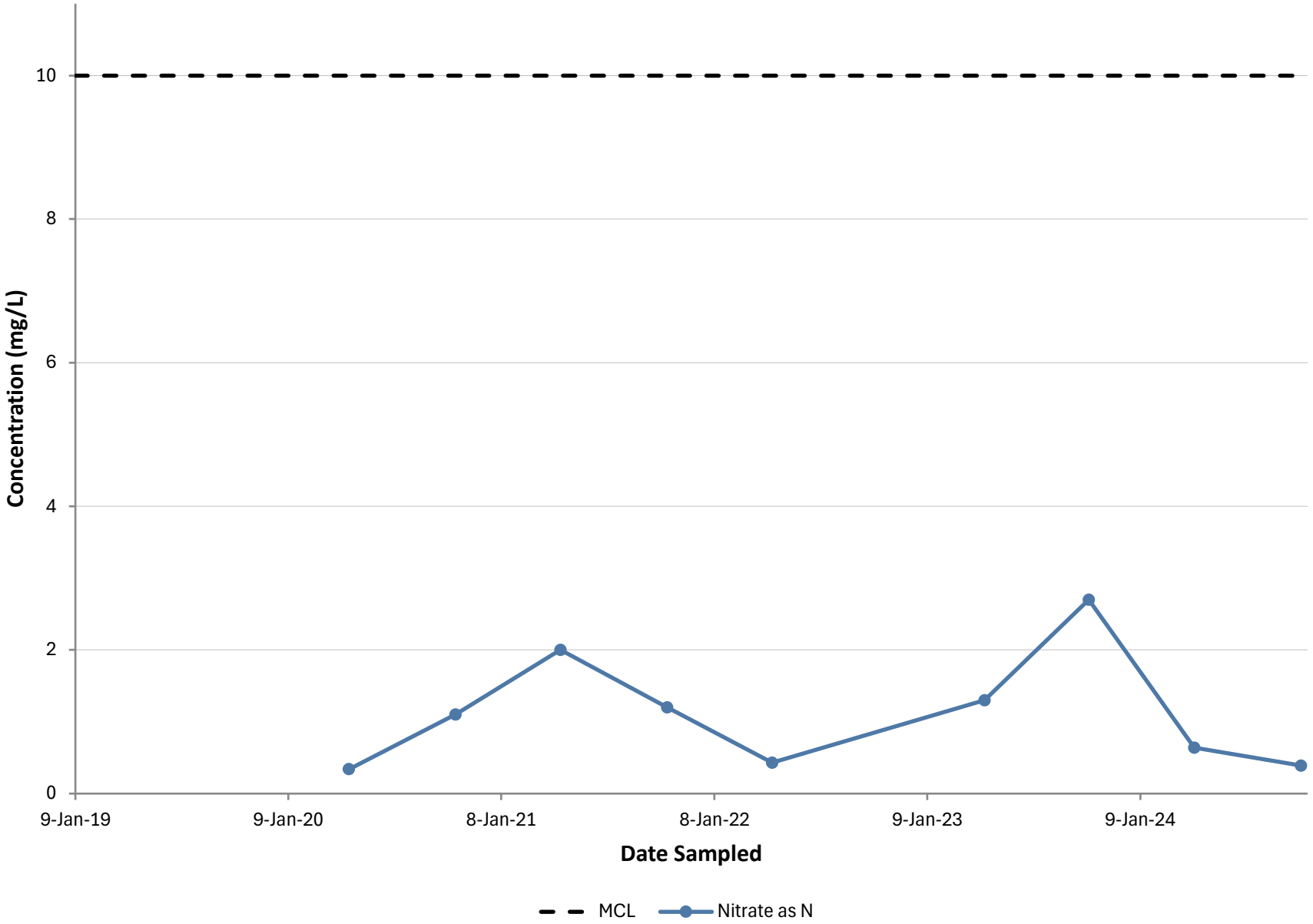
W-90

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



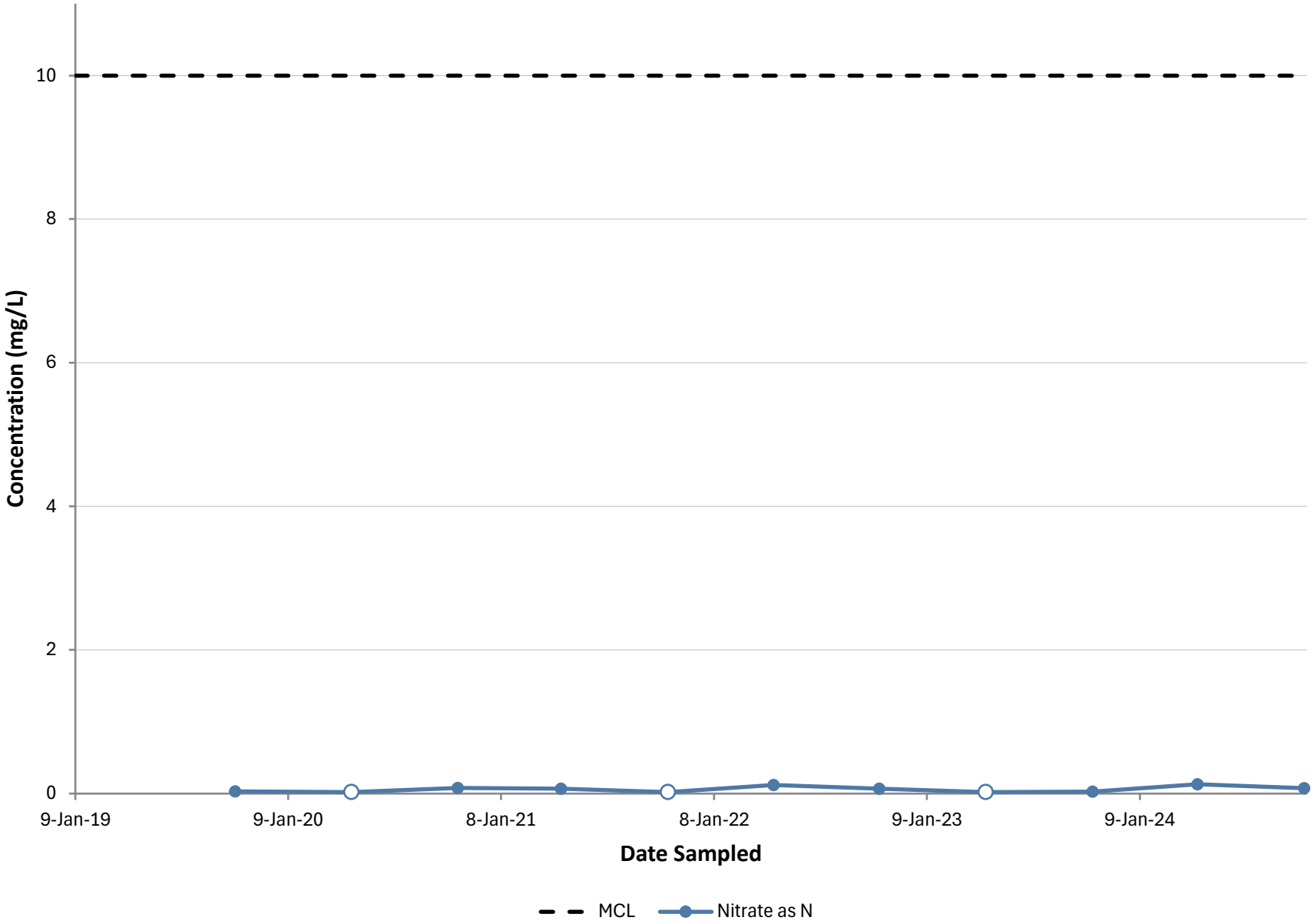
W-91

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



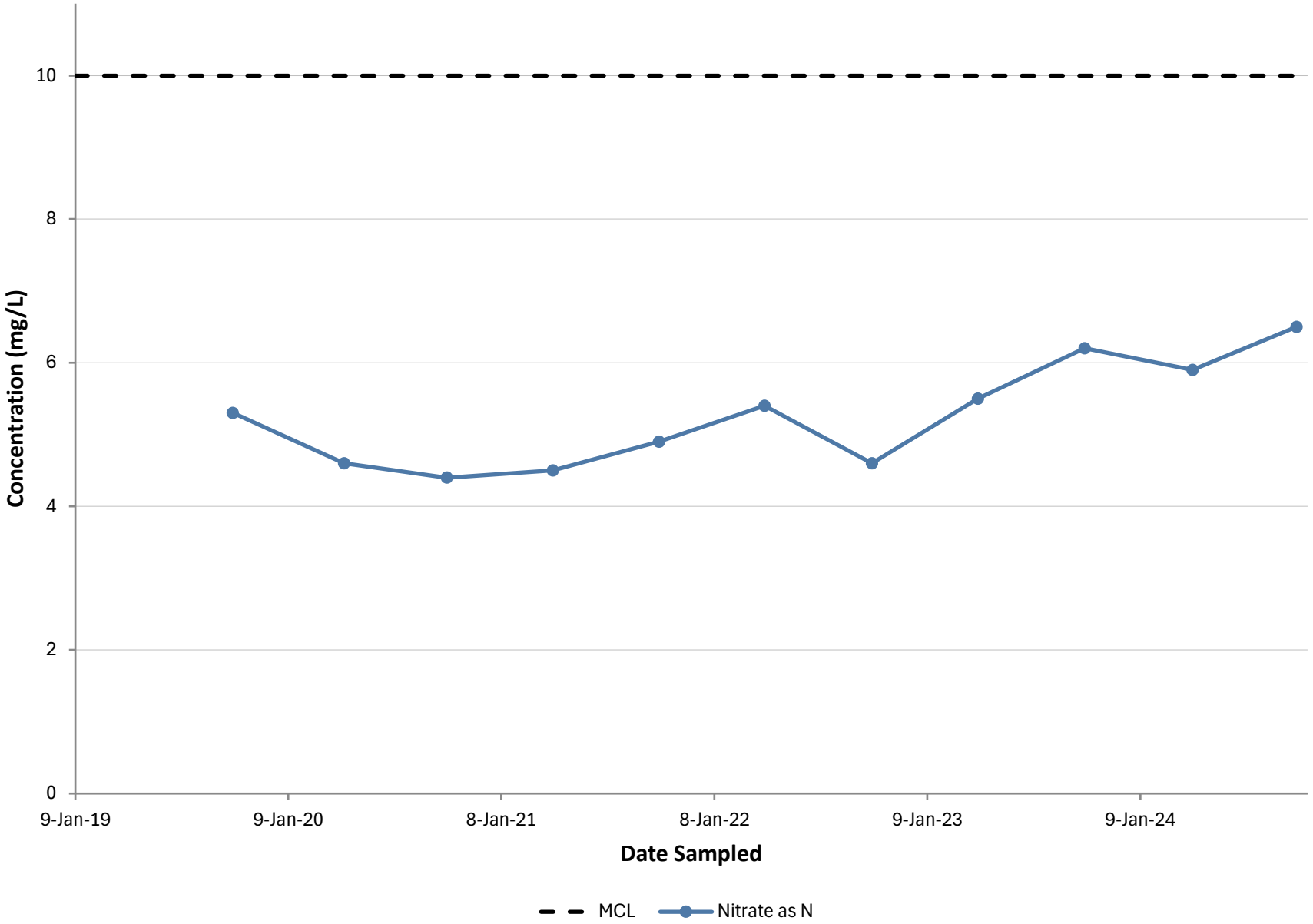
W-92

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



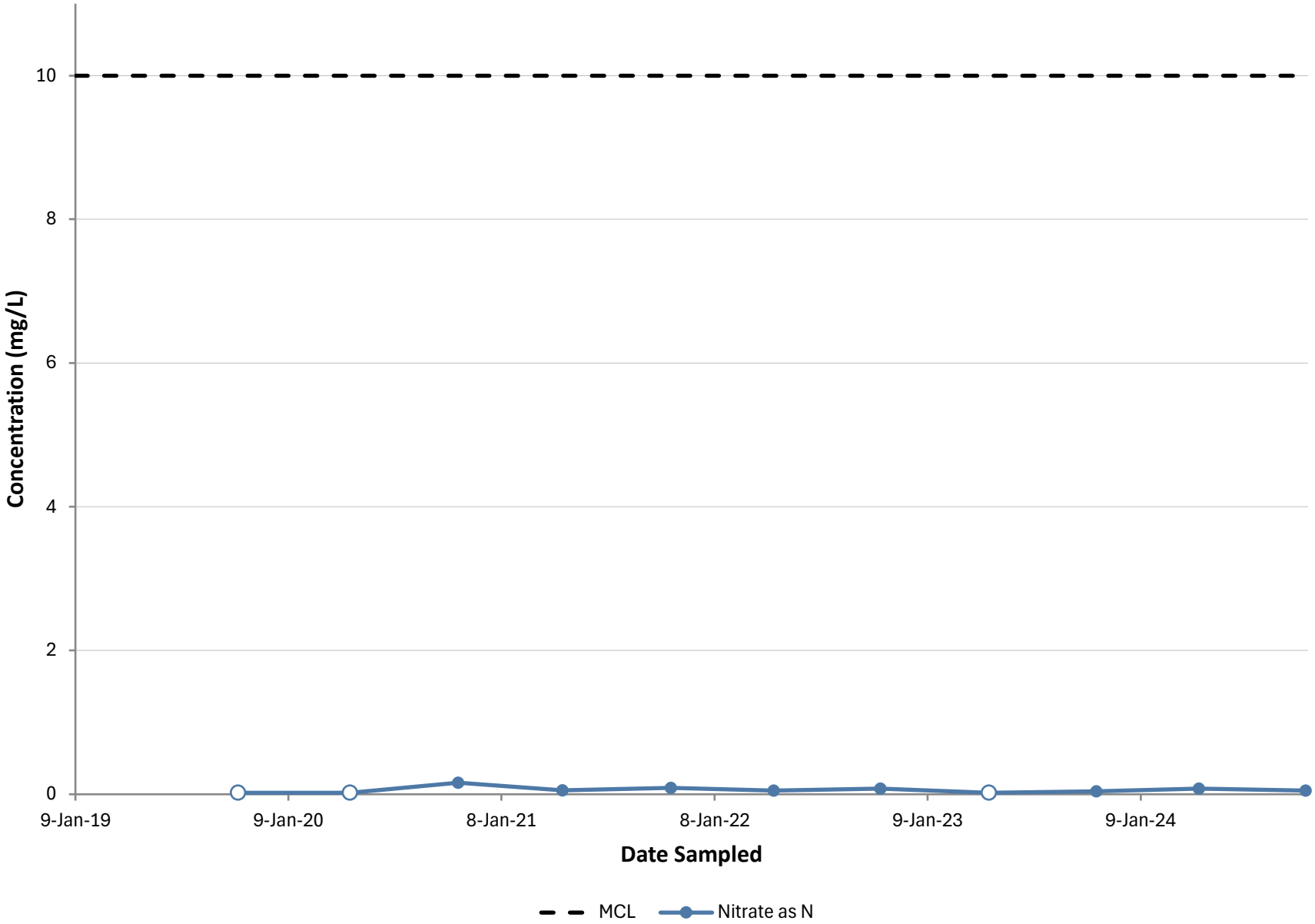
W-93

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



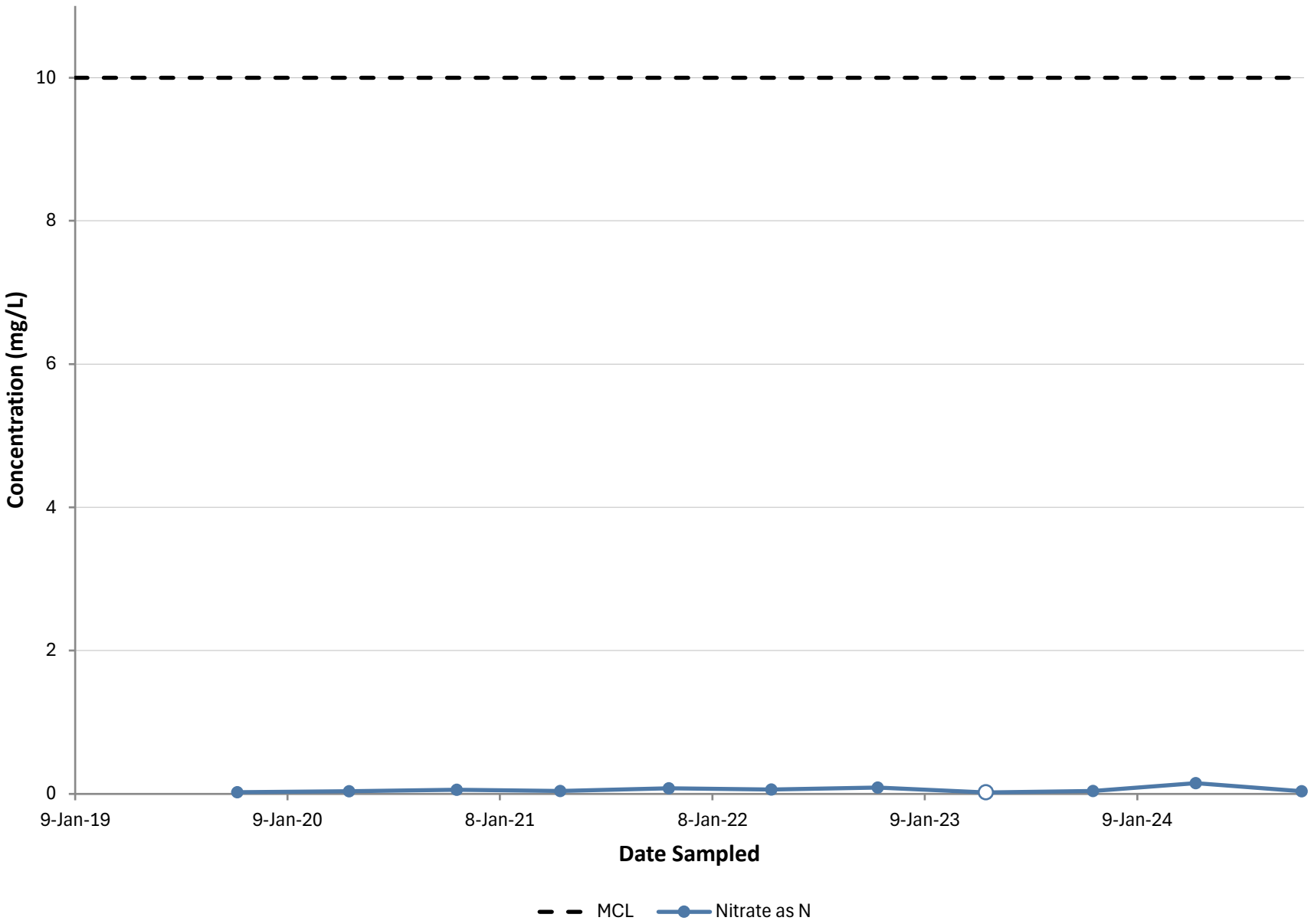
W-94

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



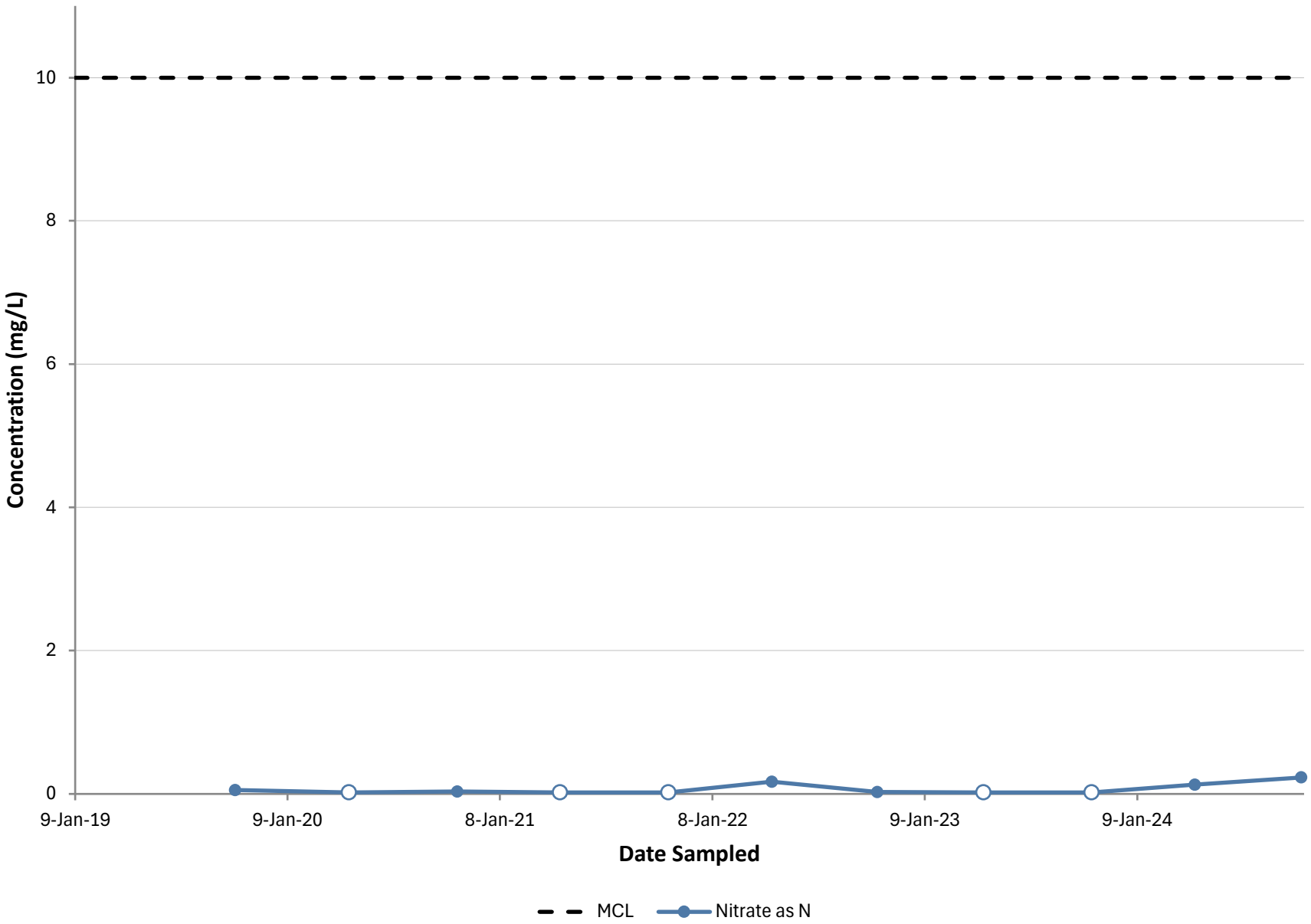
W-95

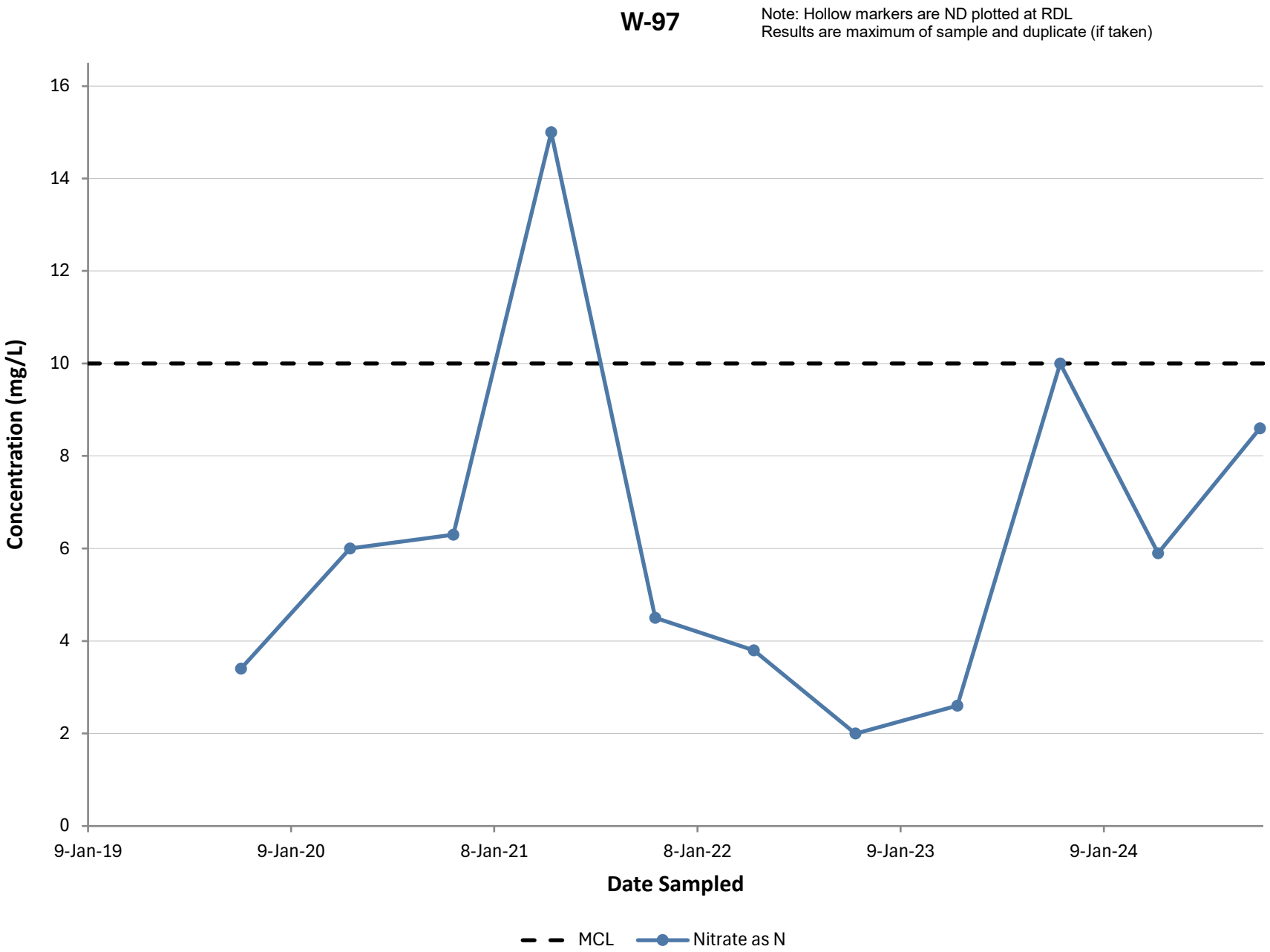
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

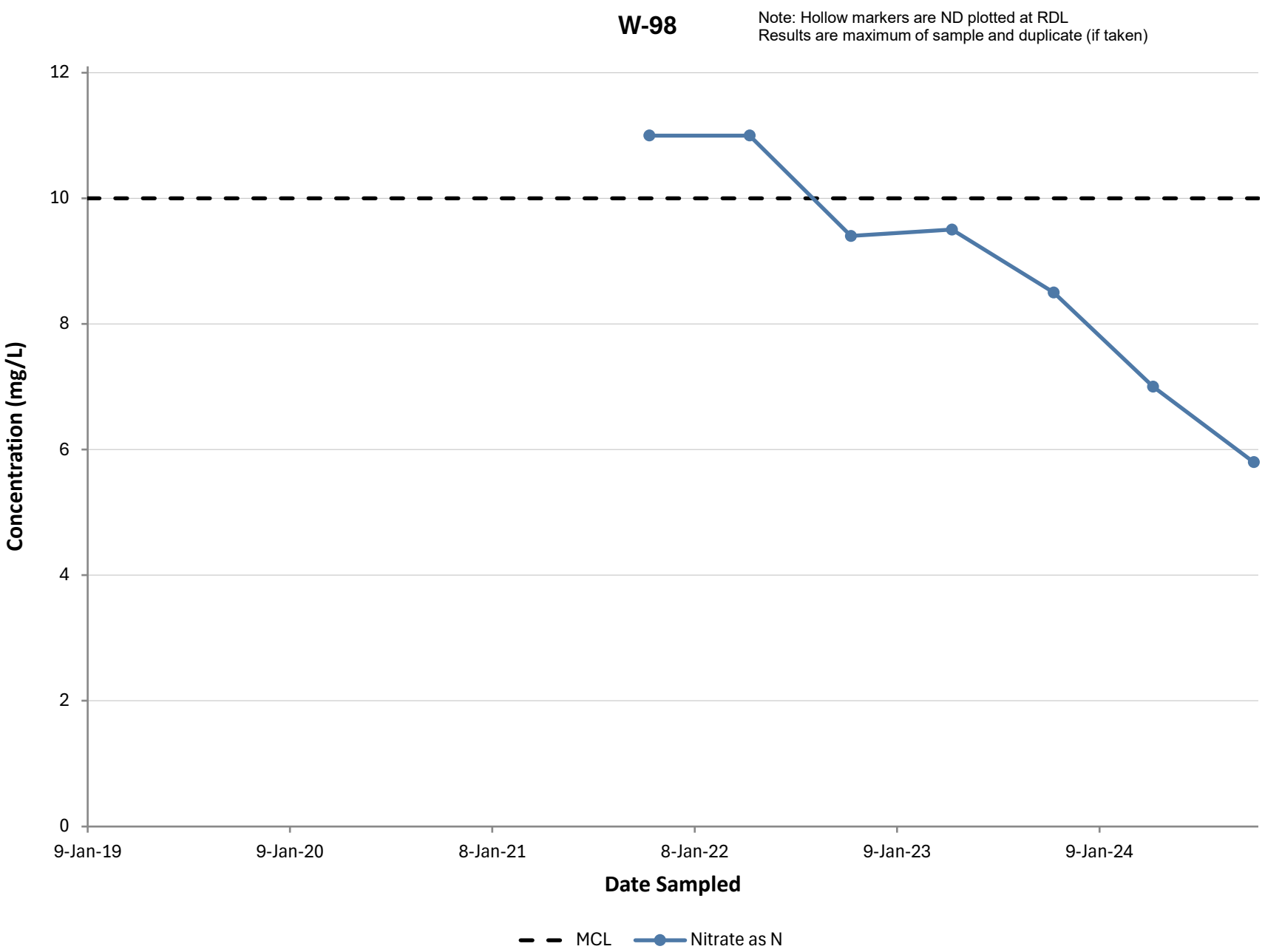


W-96

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

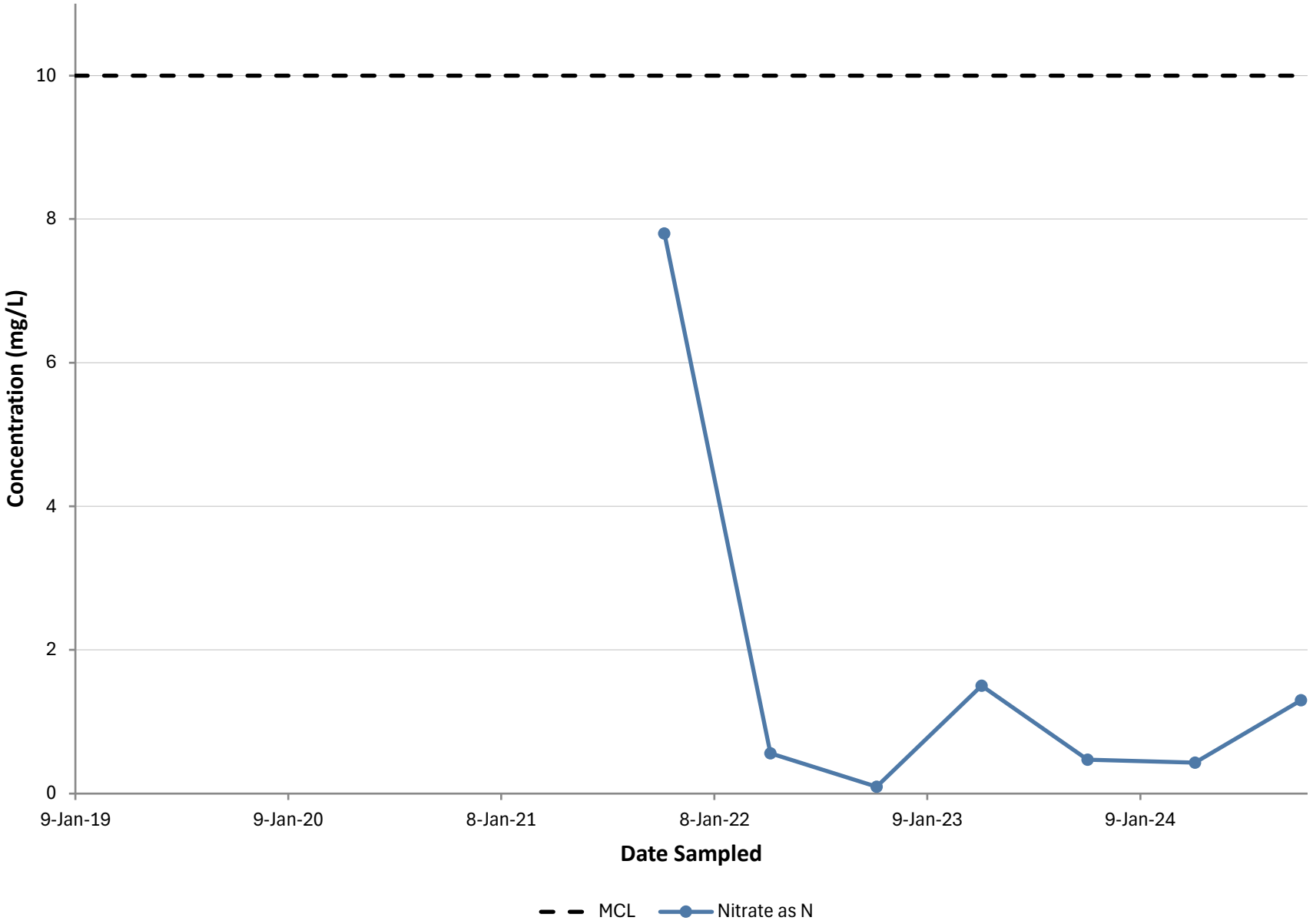


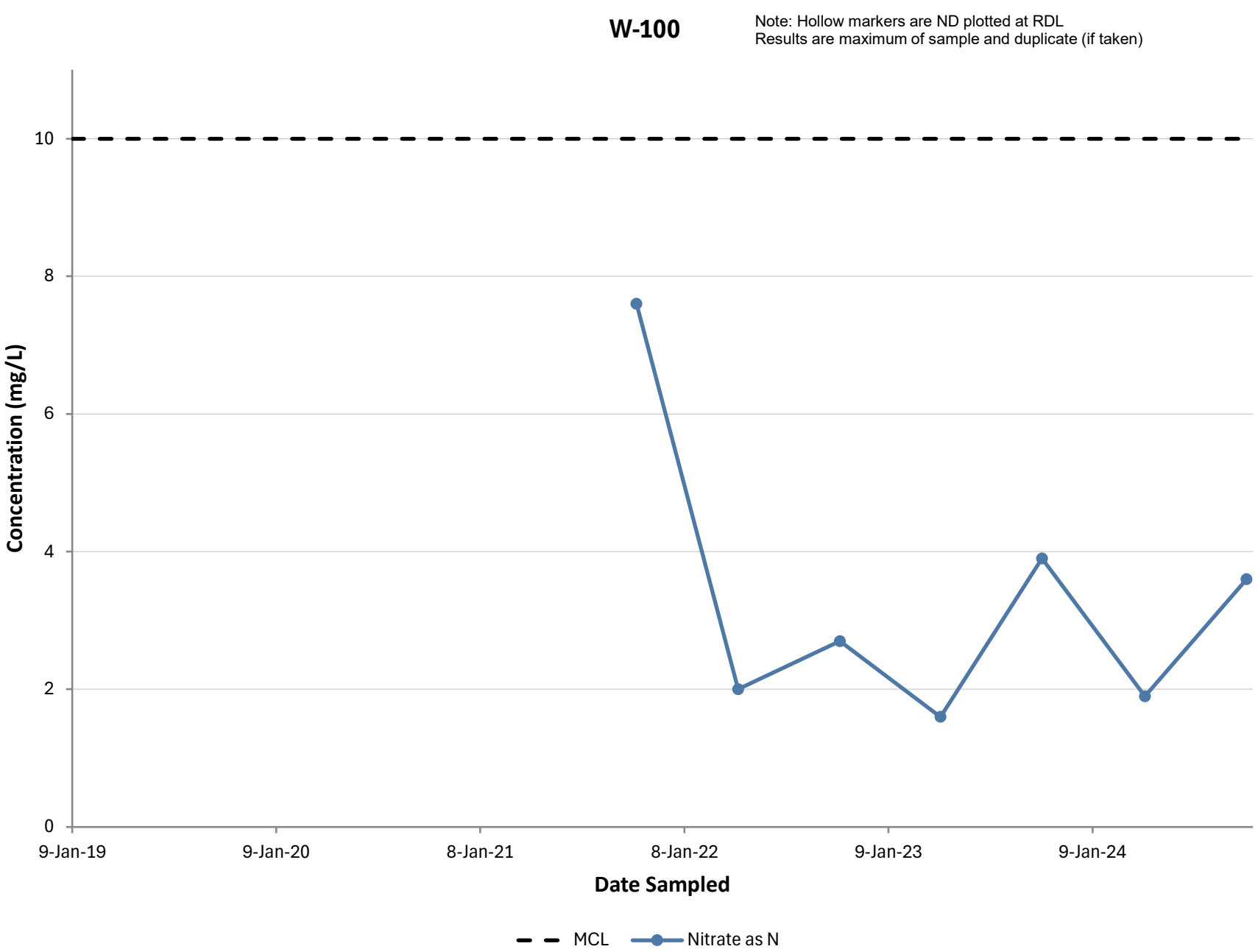

W-97
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
16
14
12
10
8
6
4
2
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

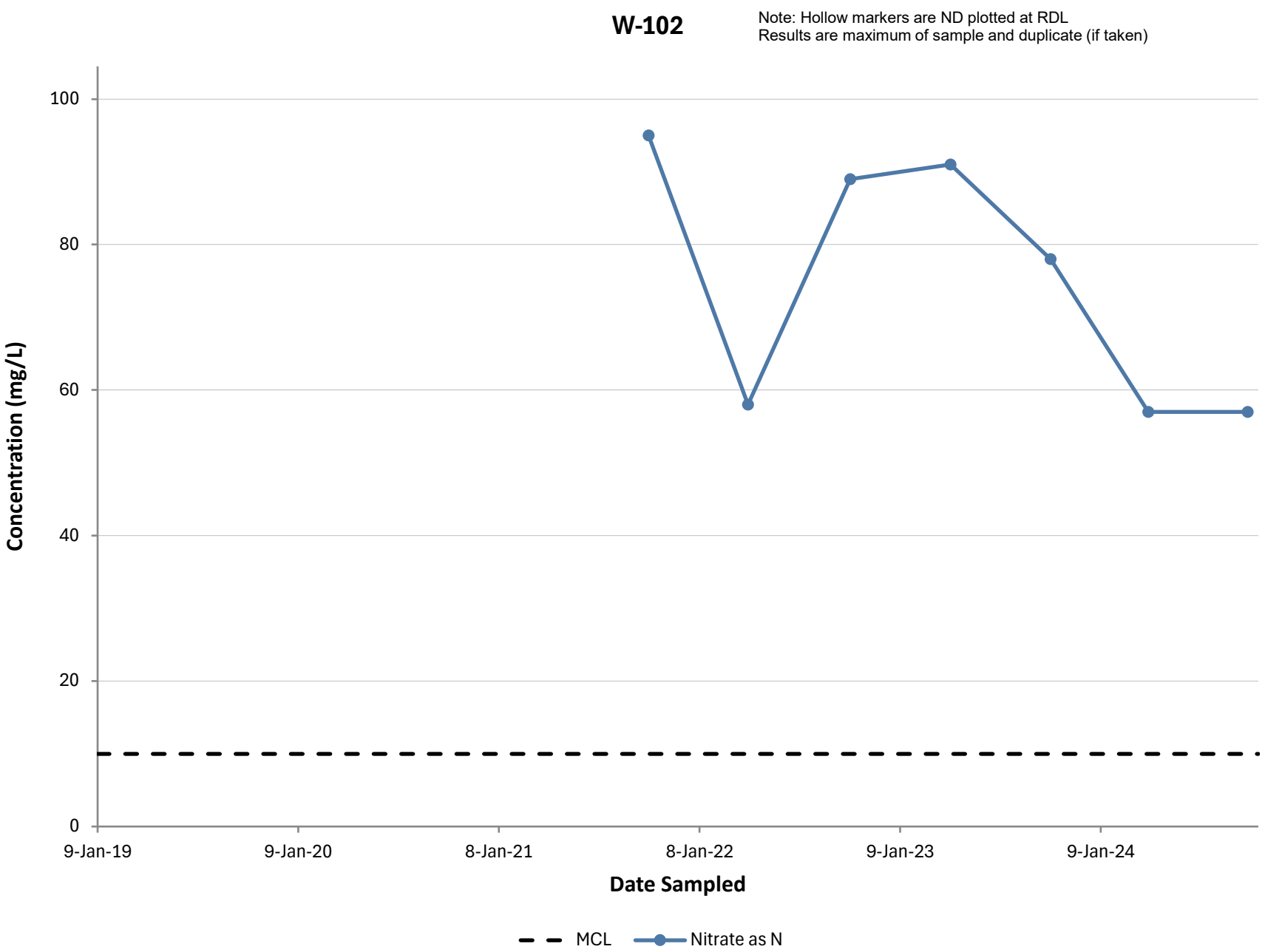

W-98
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
12
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

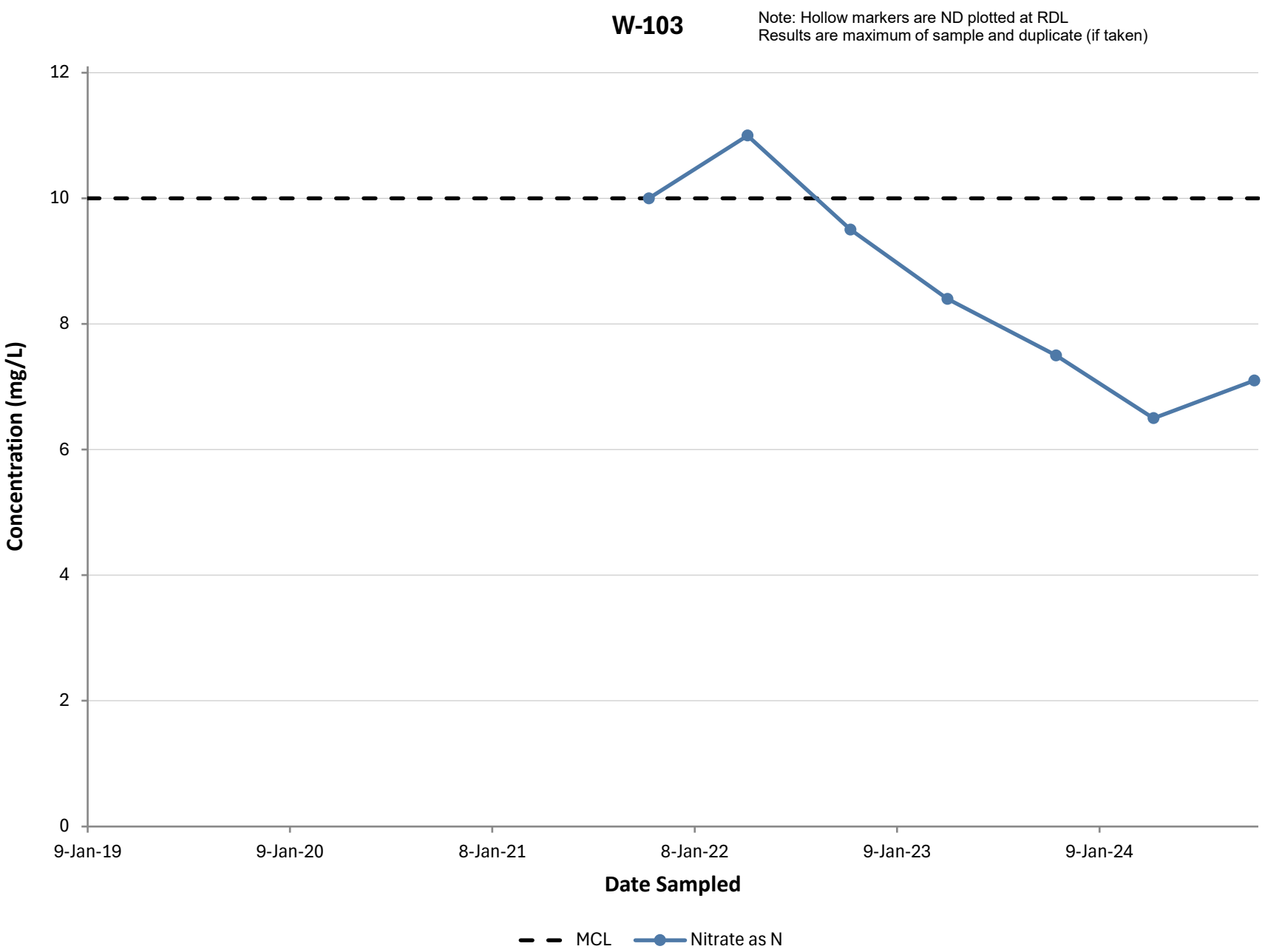
W-99

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



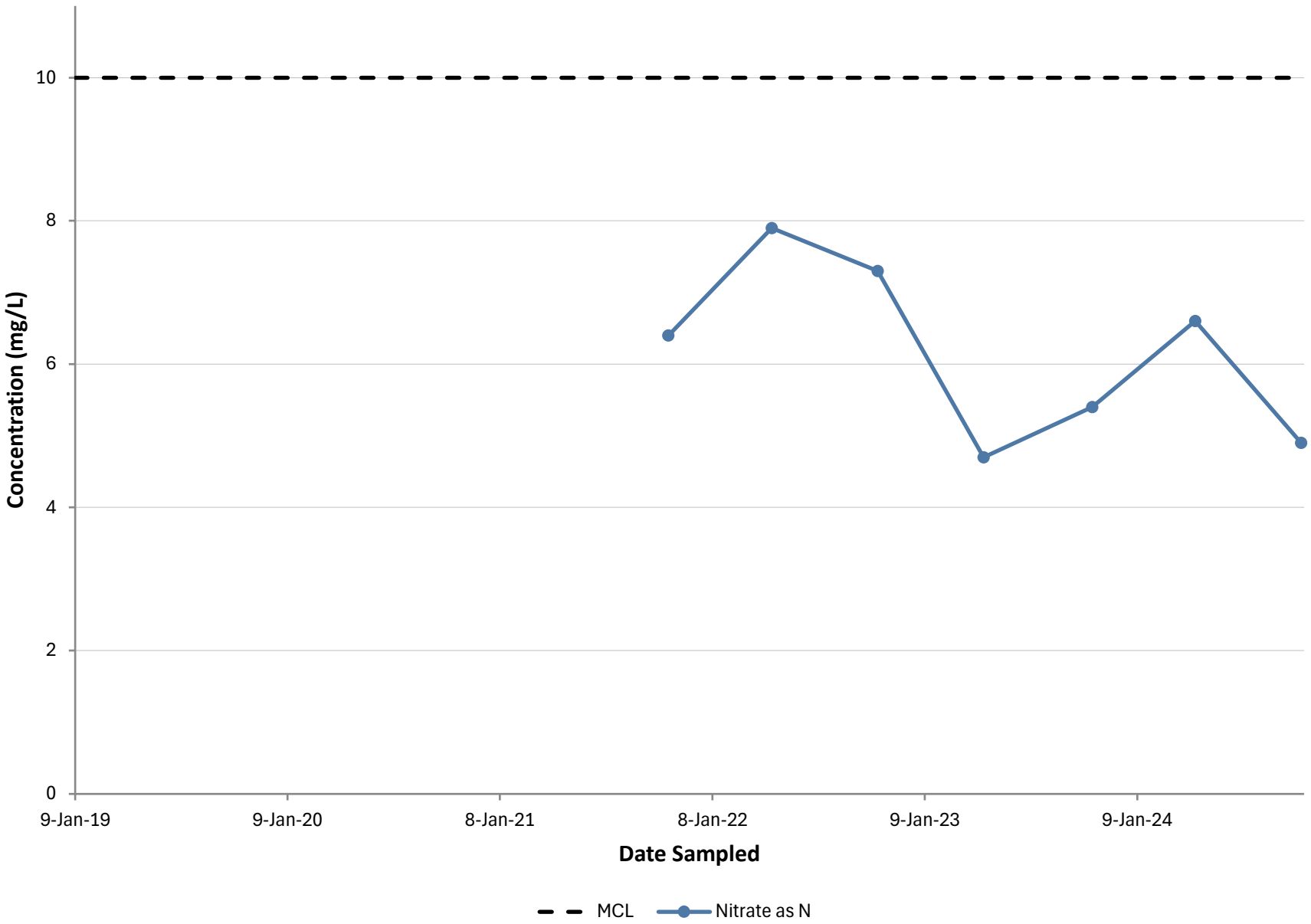

W-100
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-102
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
100
80
60
40
20
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-103
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
12
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

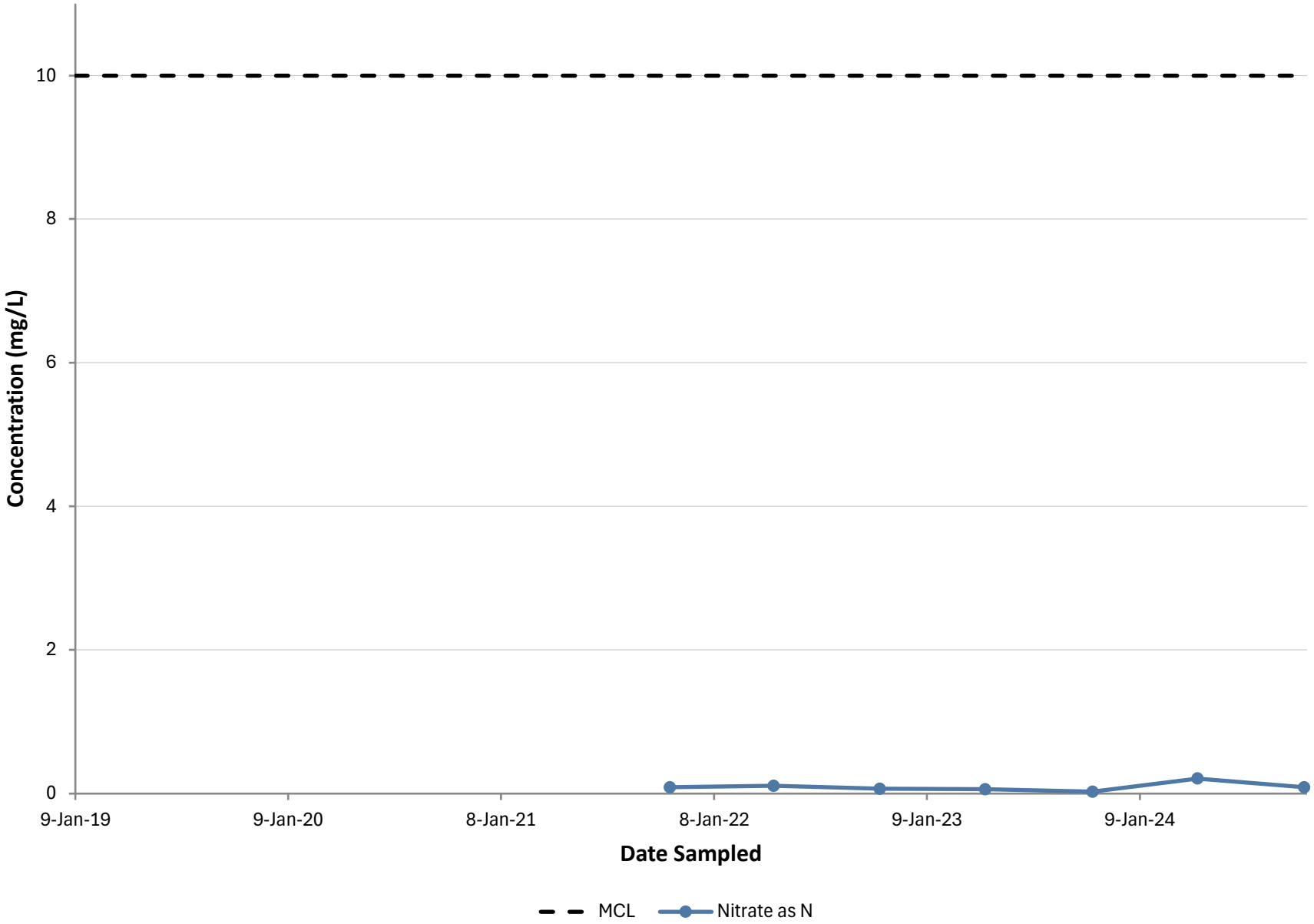
W-104

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



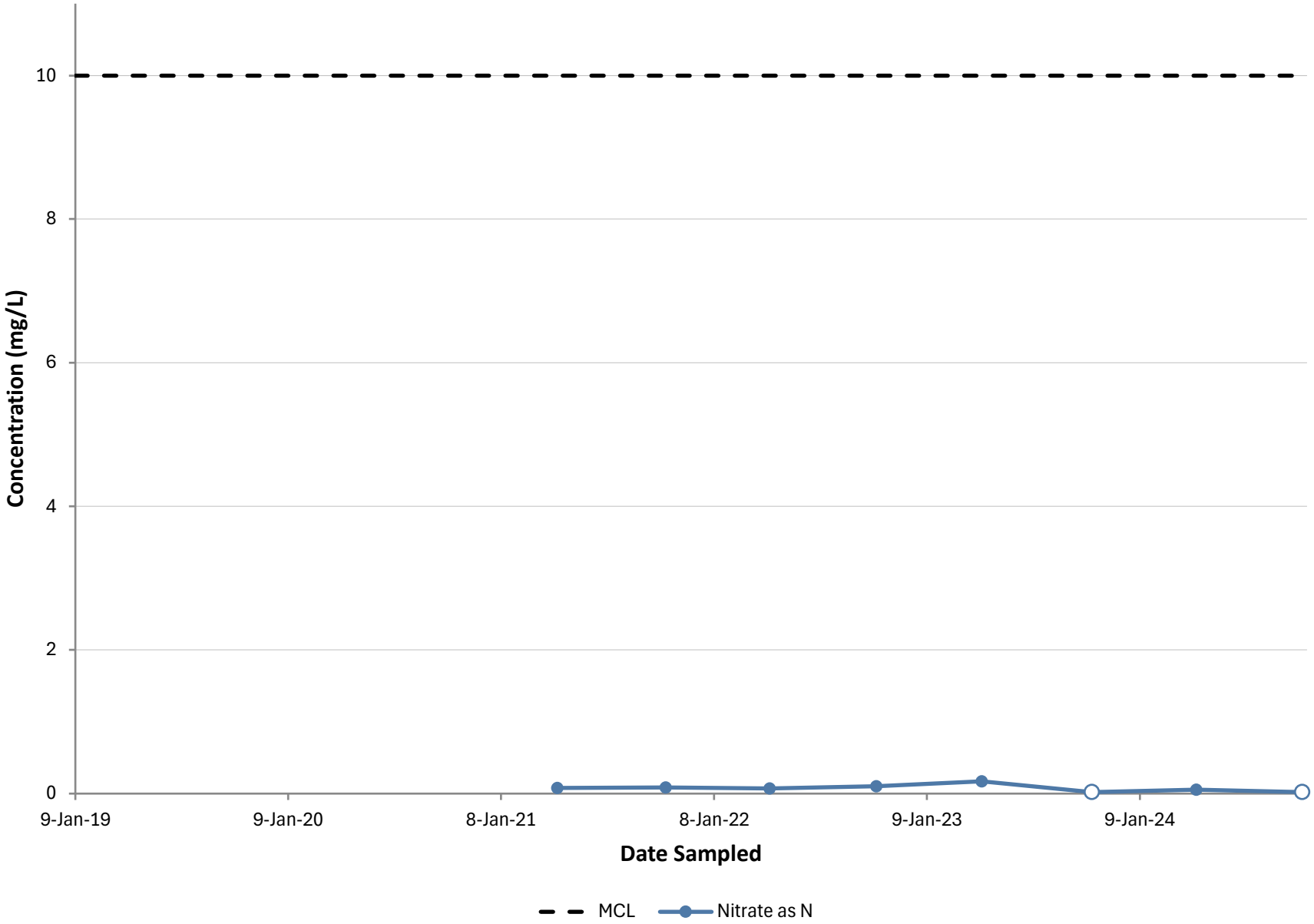
W-105

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



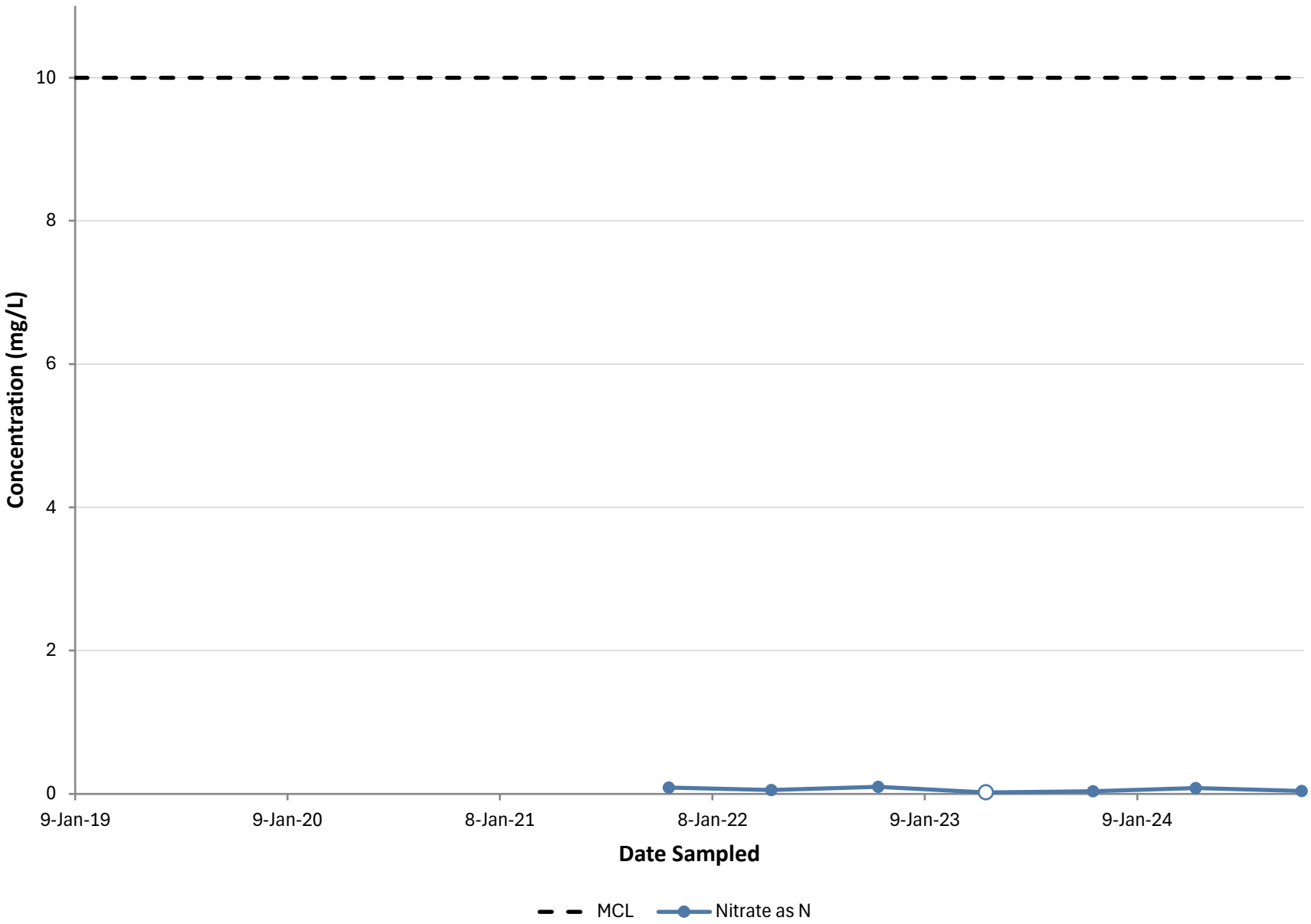
W-106

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



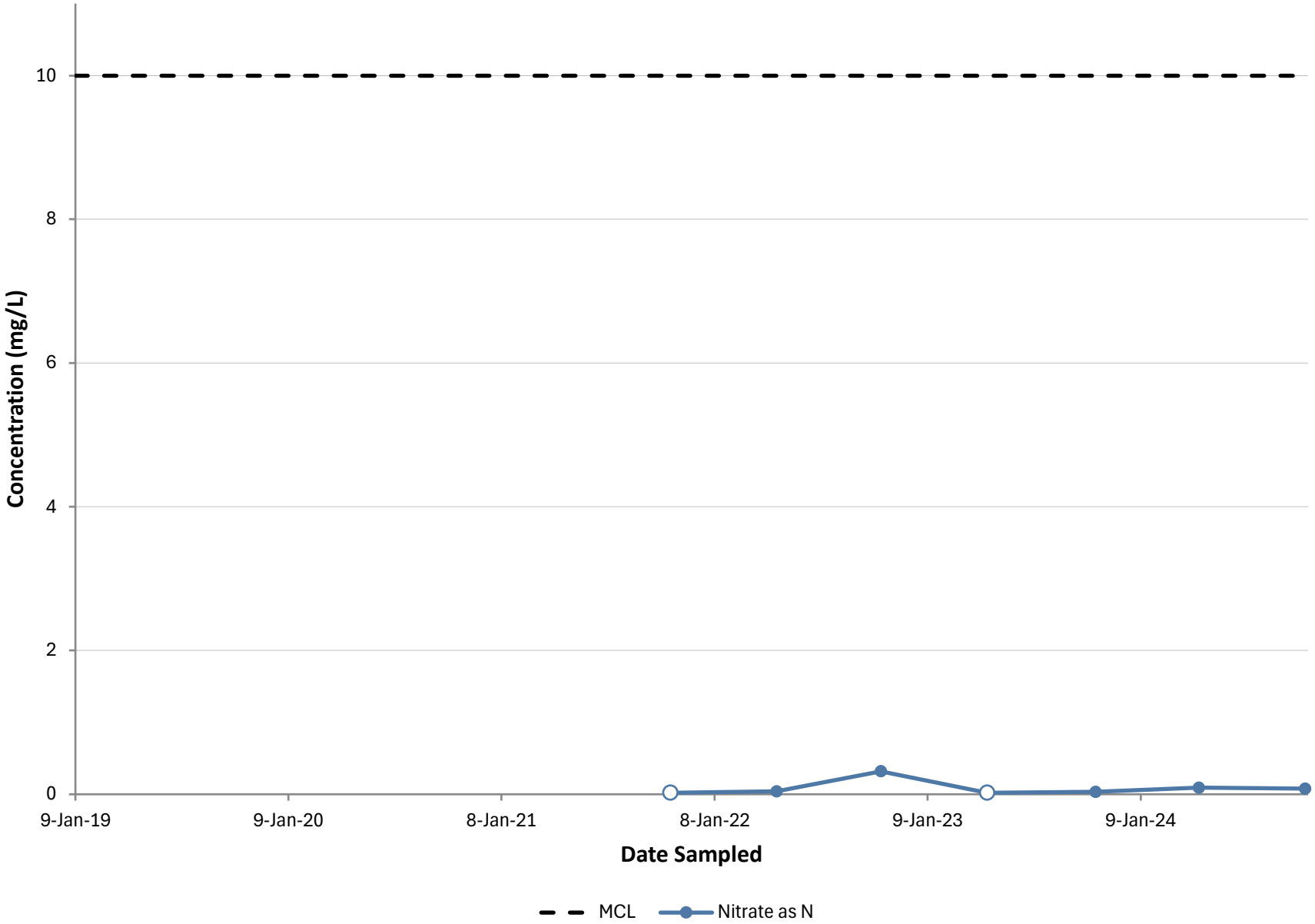
W-107

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



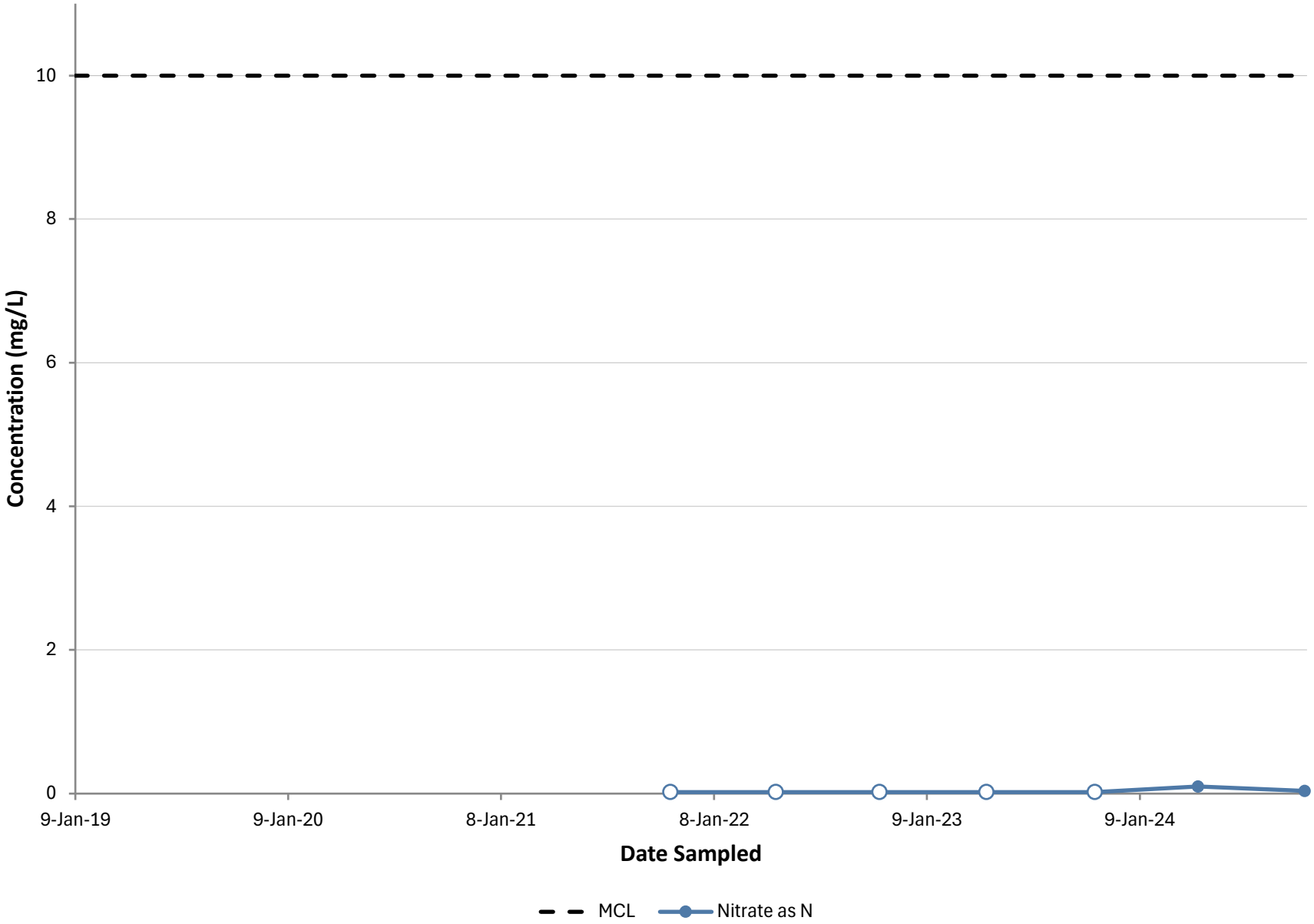
W-108

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



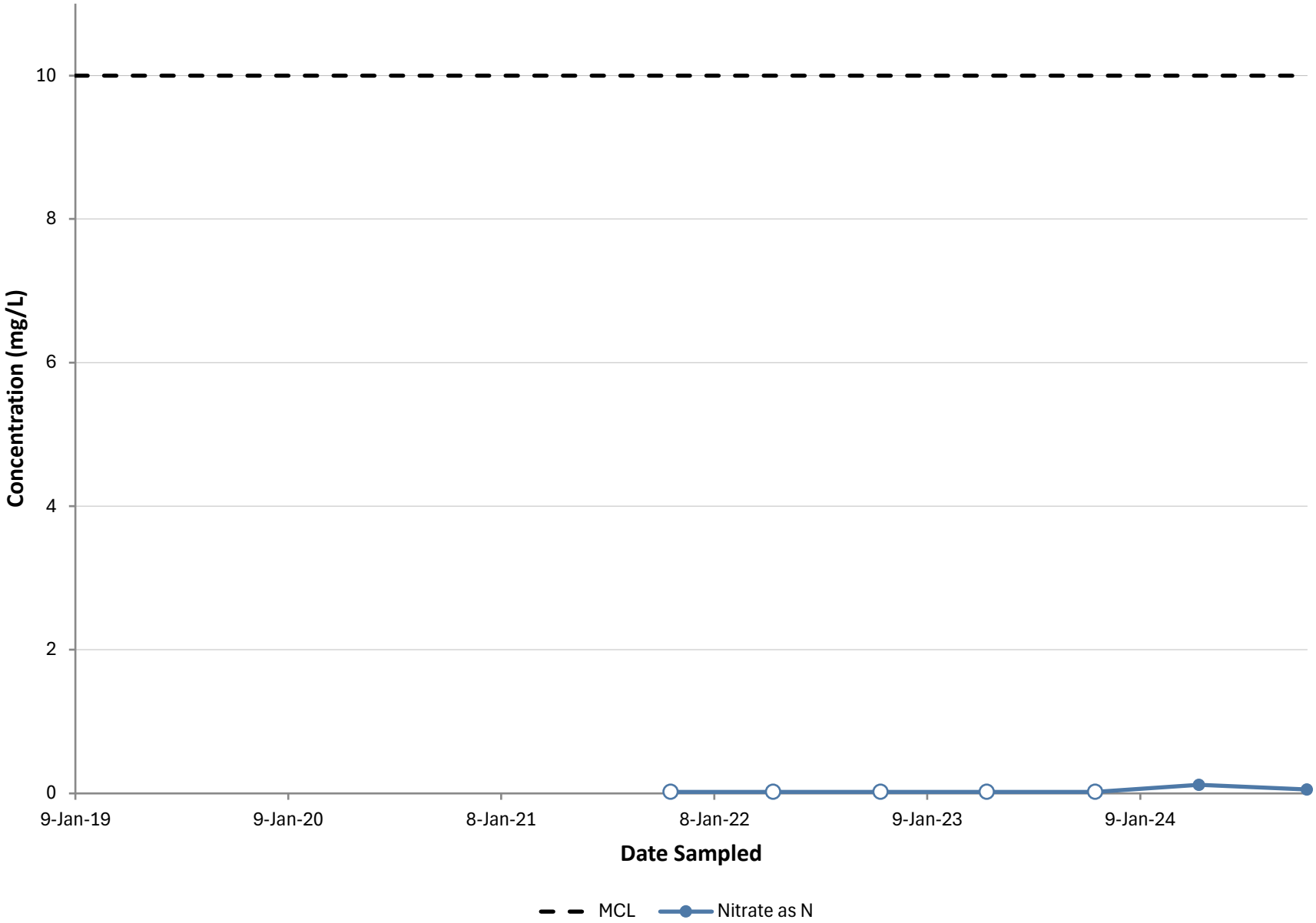
W-109

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



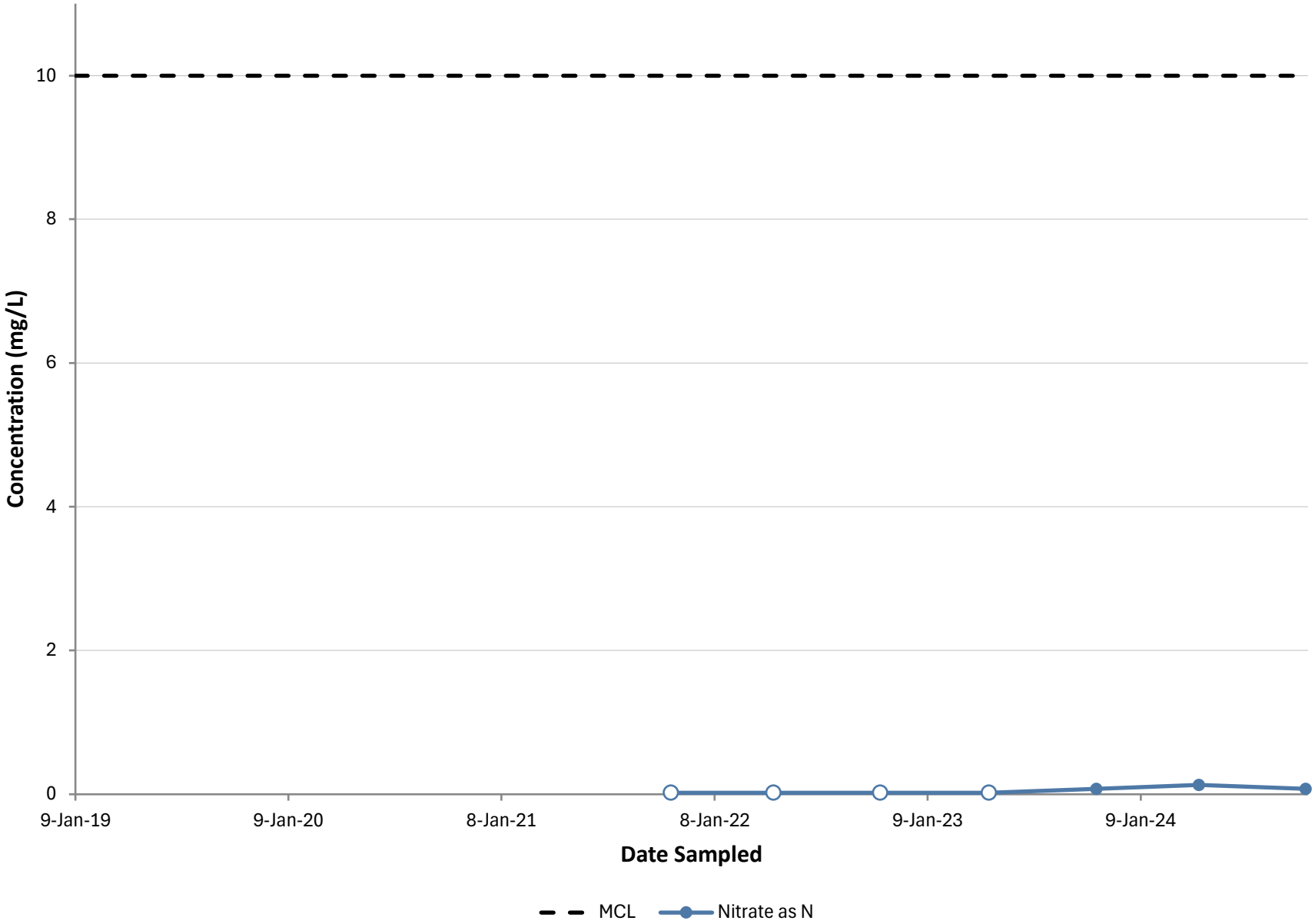
W-110

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



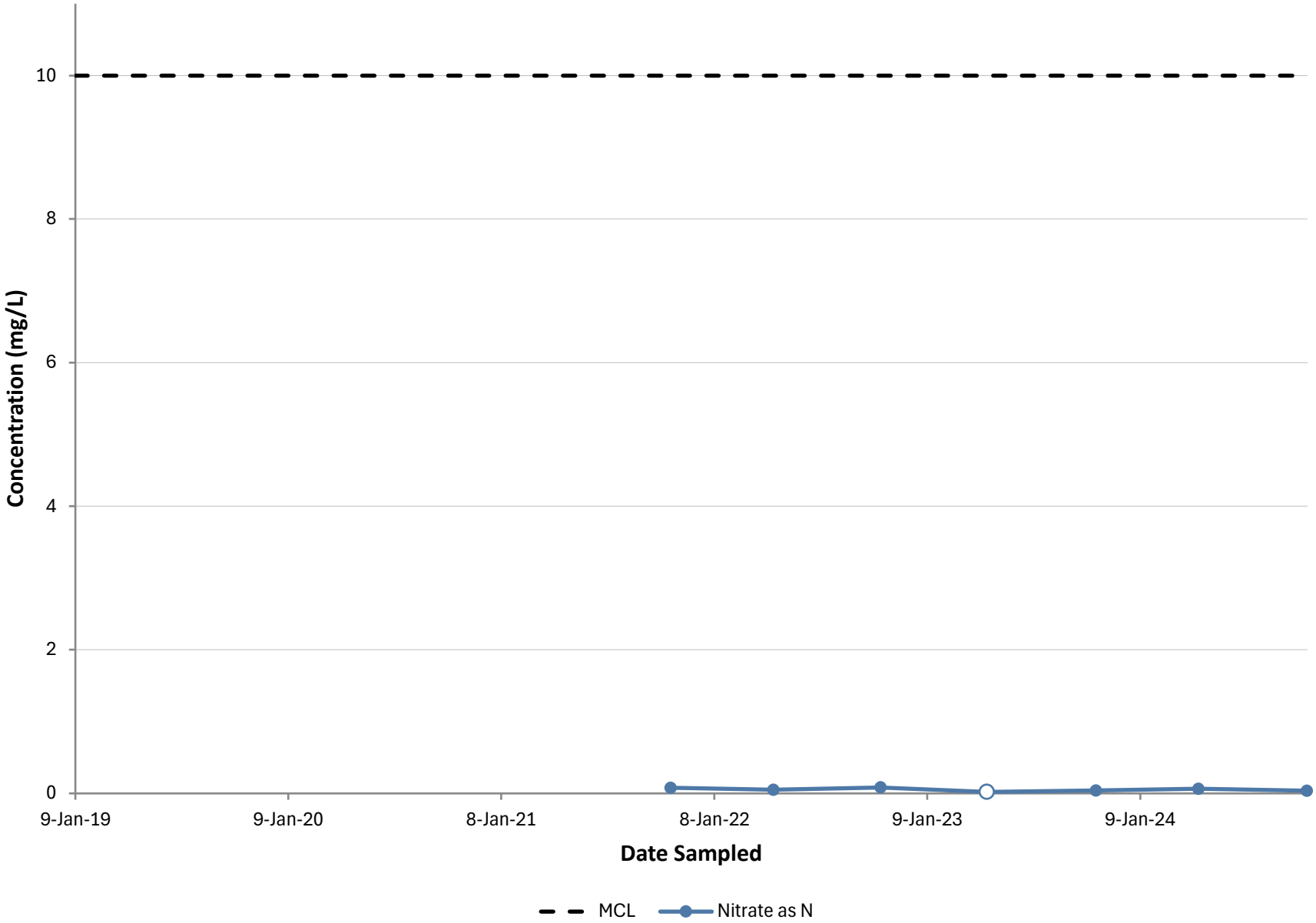
W-111

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



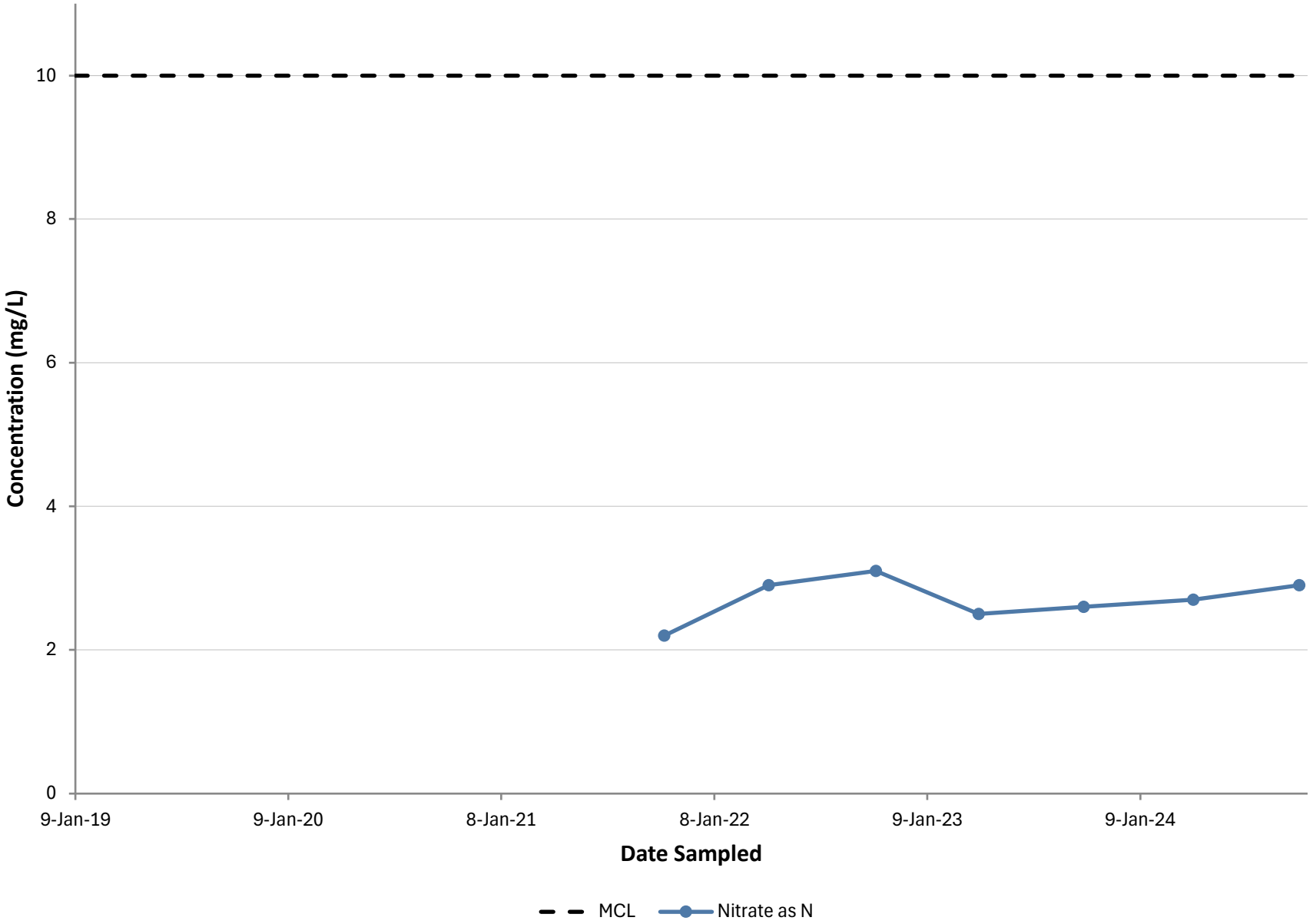
W-112

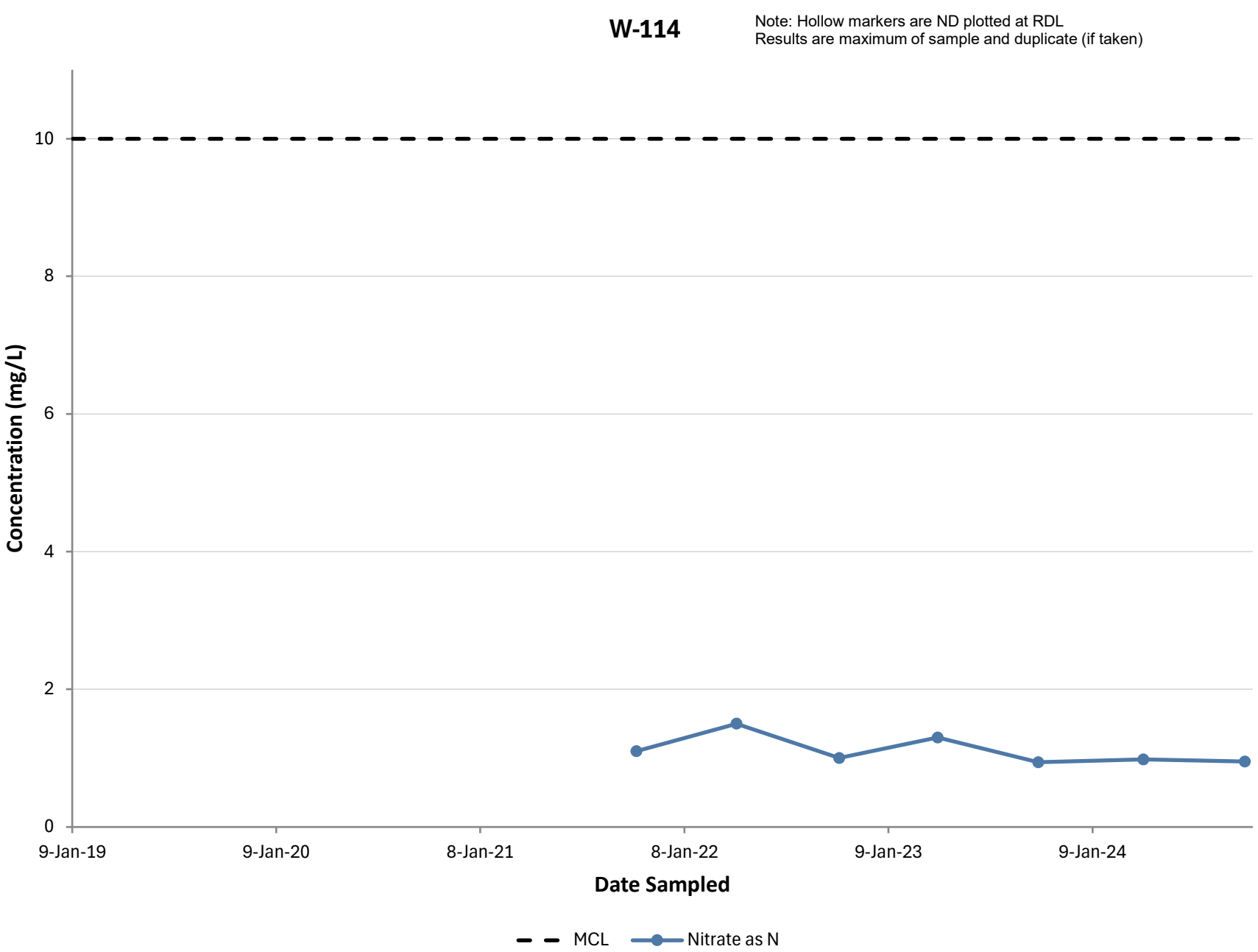
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

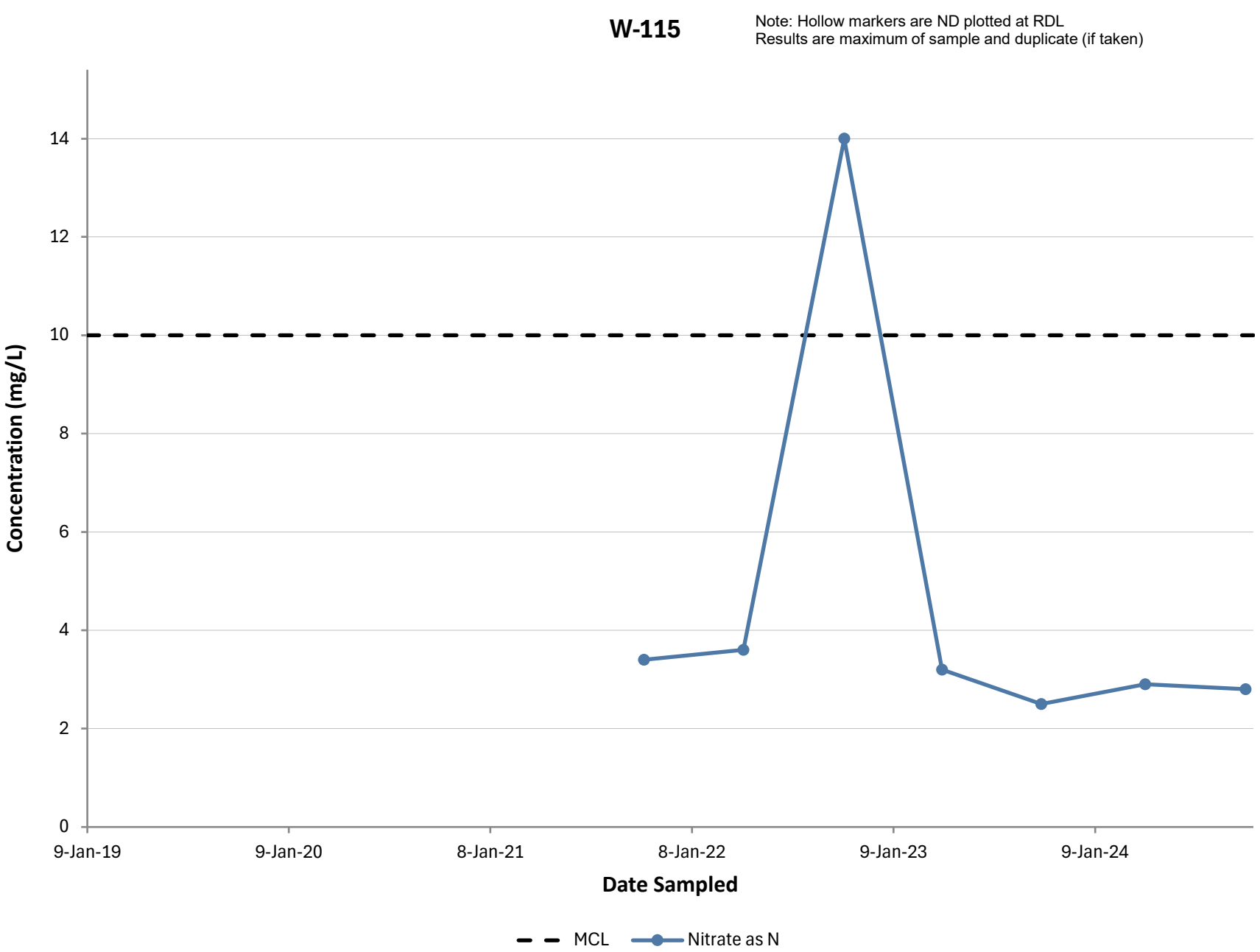


W-113

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

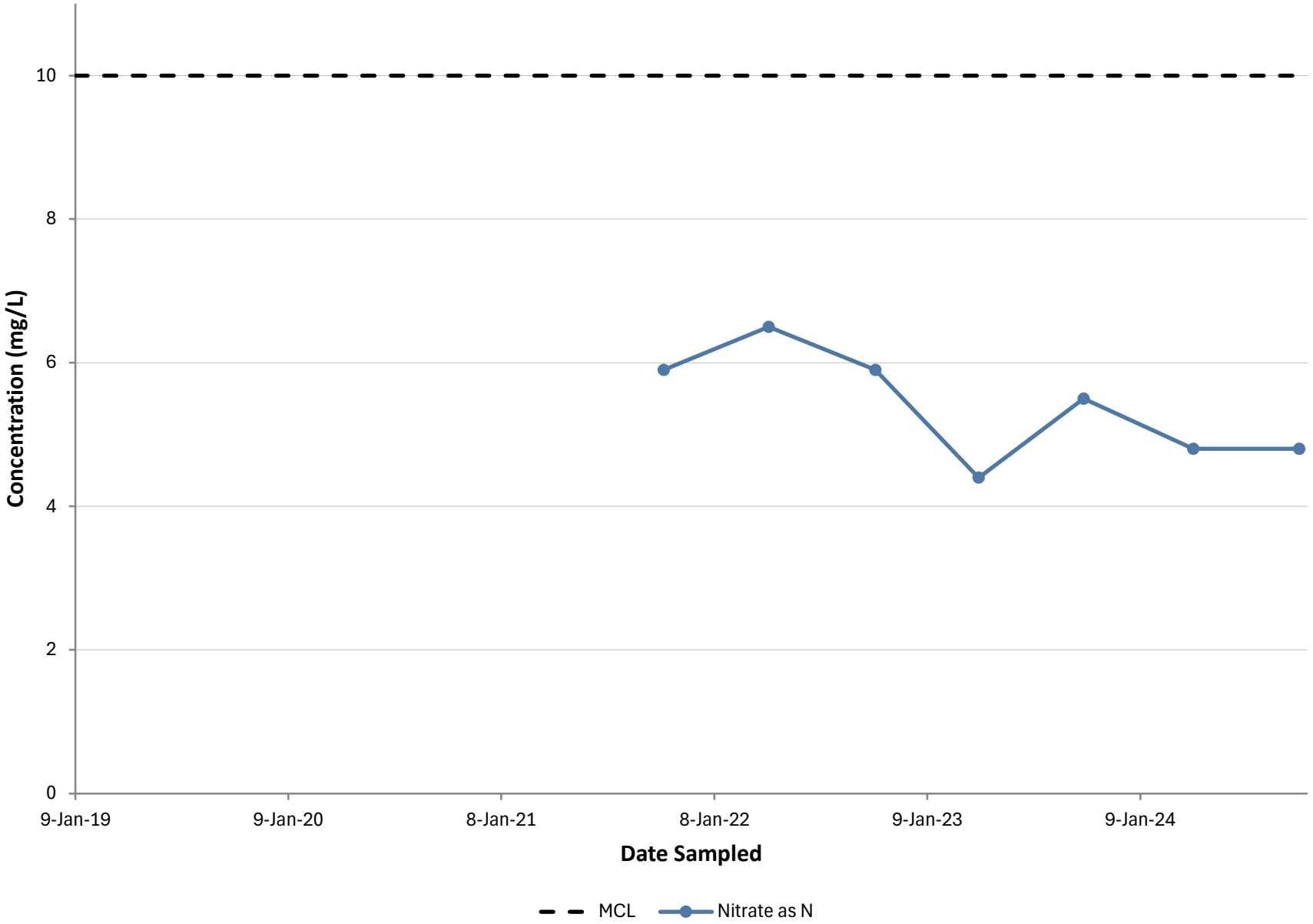


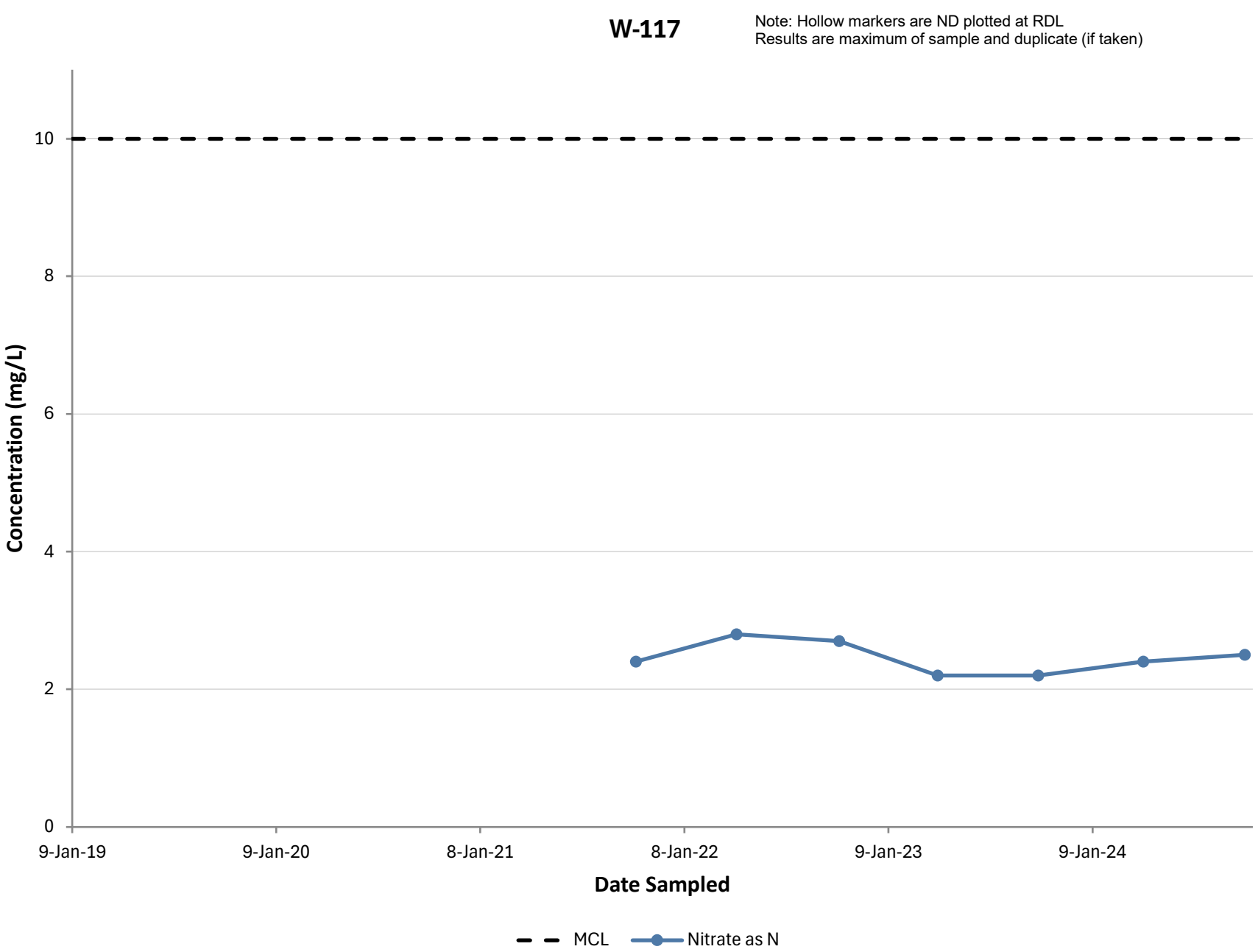

W-114
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

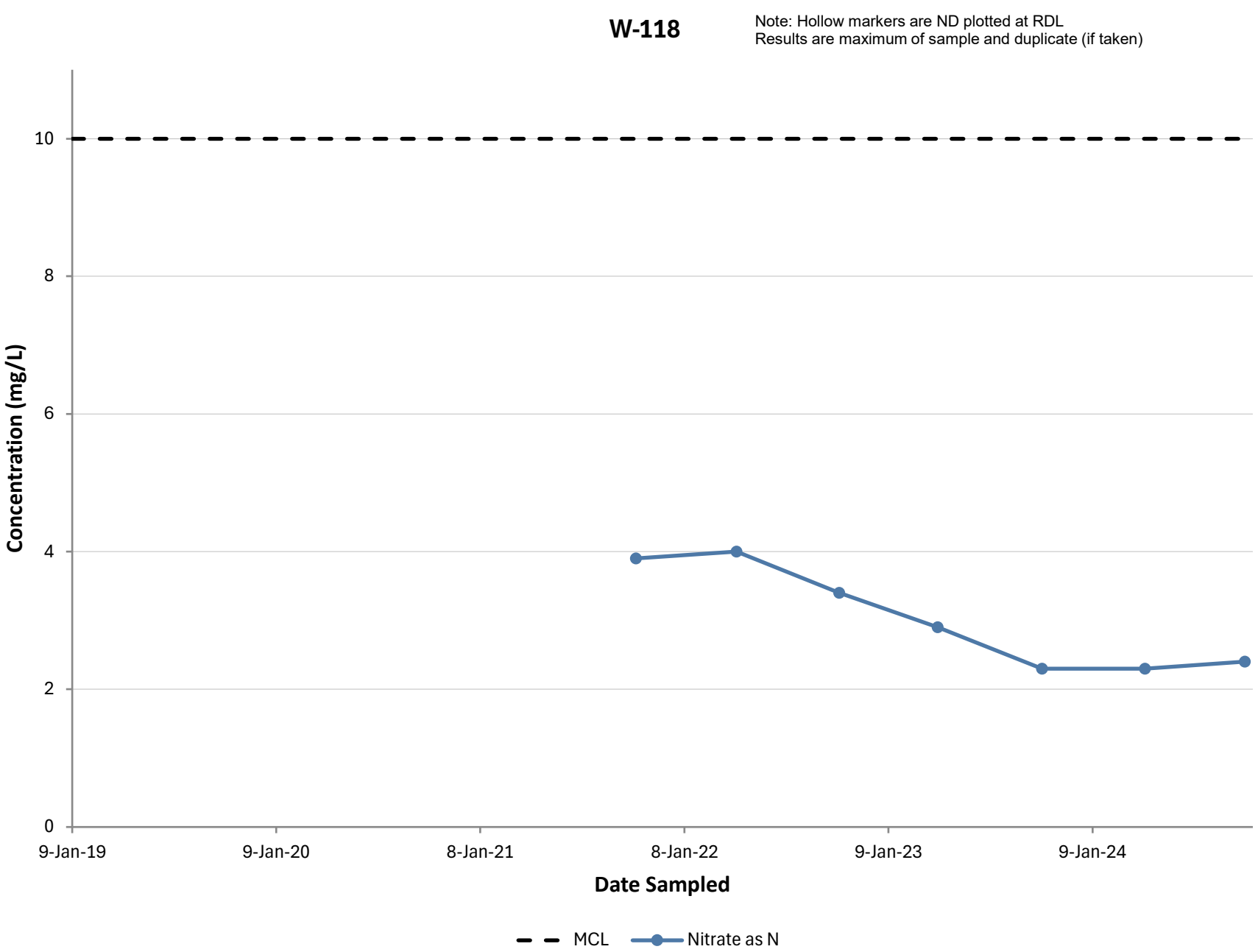

W-115
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
14
12
10
8
6
4
2
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

W-116

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

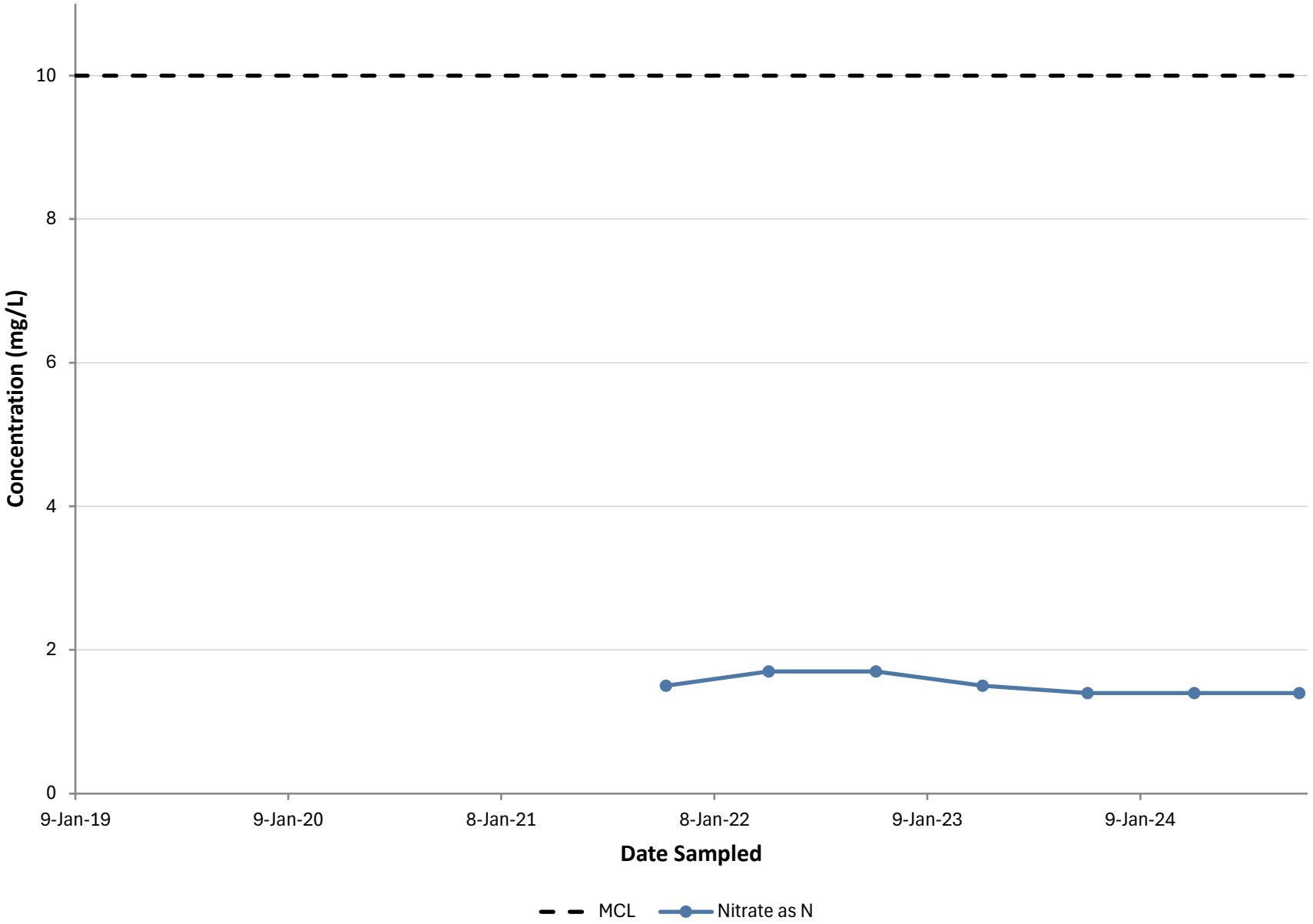



W-117
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N


W-118
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

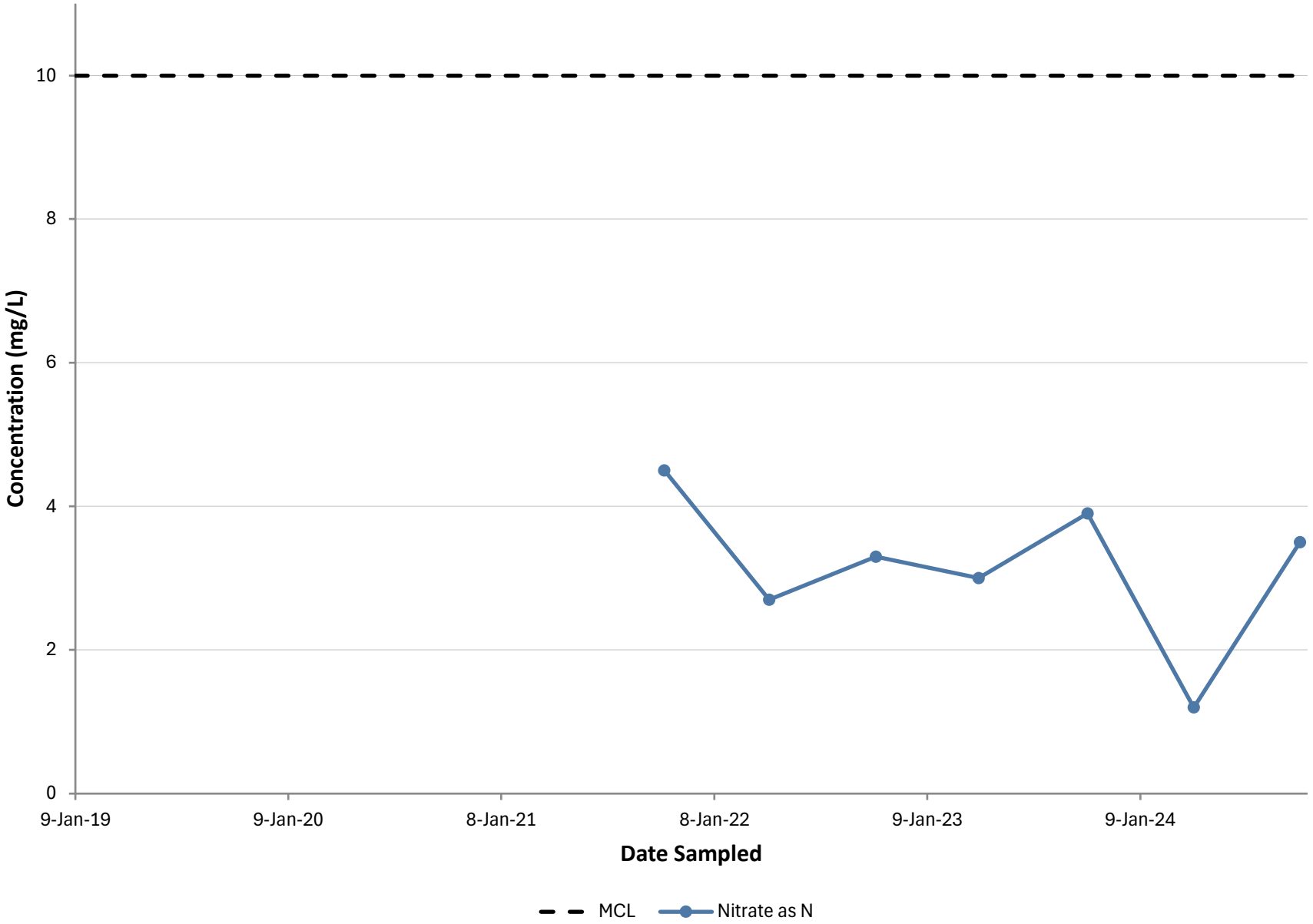
W-119

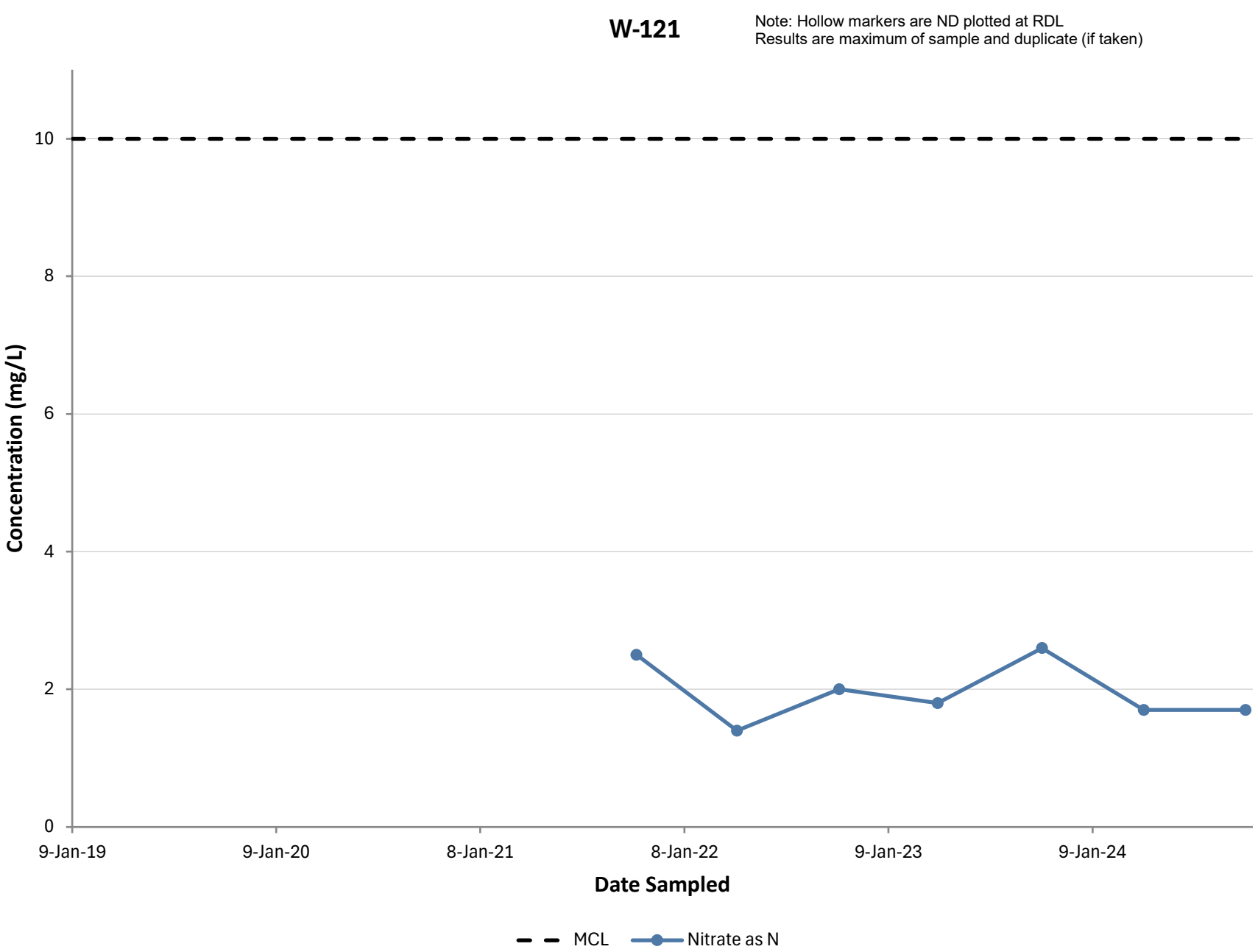
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-120

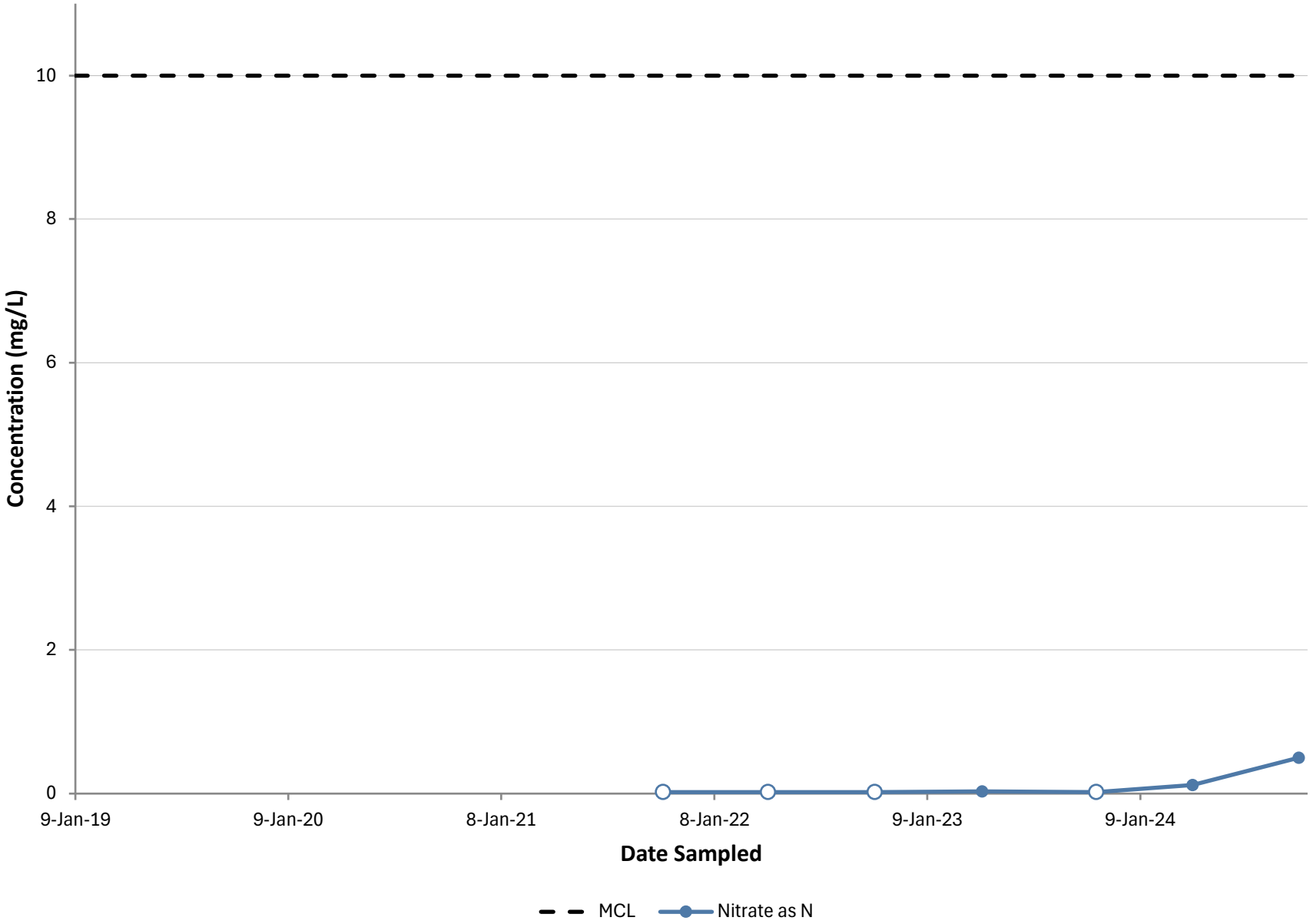
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

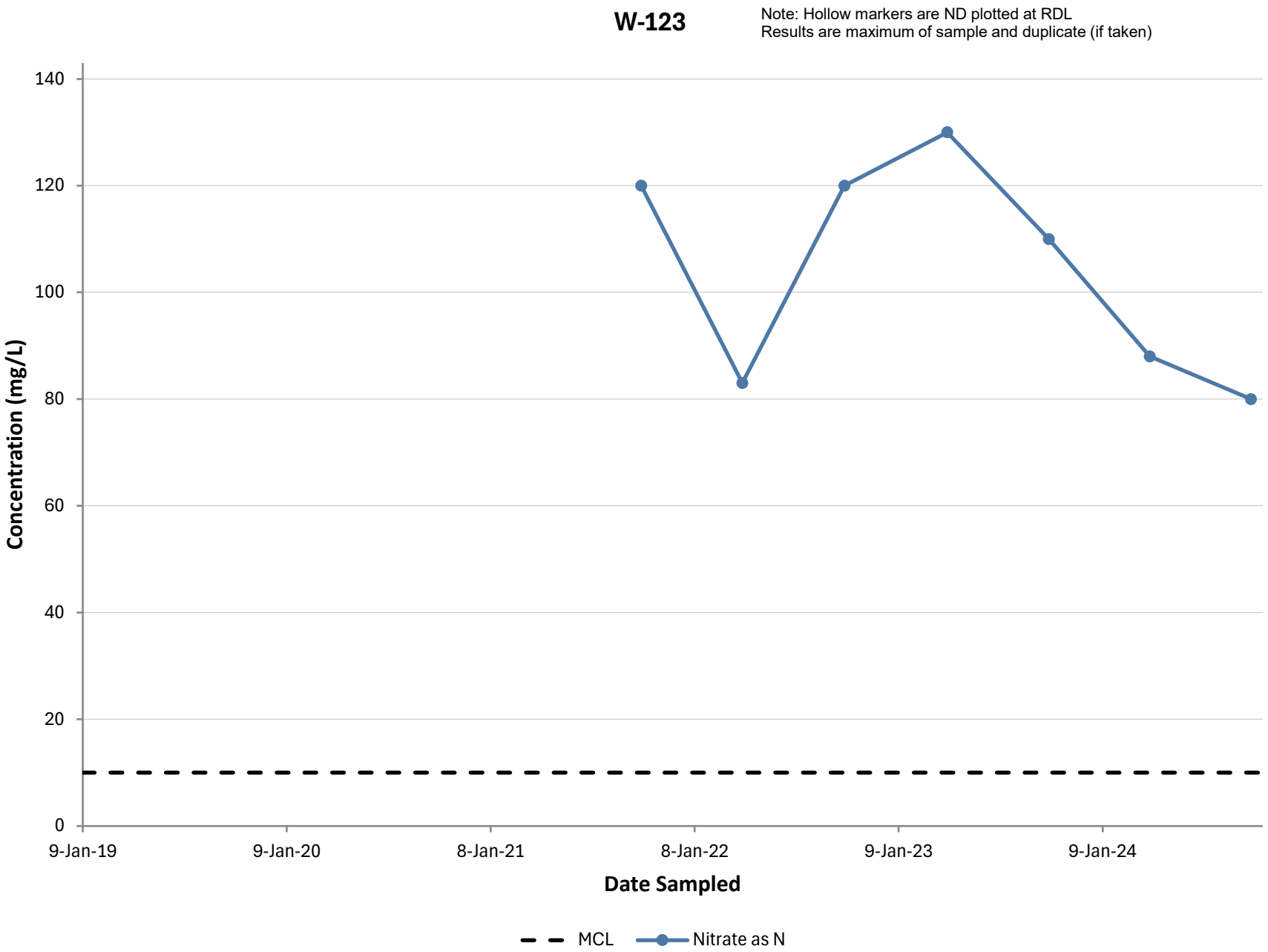



W-121
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
10
8
6
4
2
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

W-122

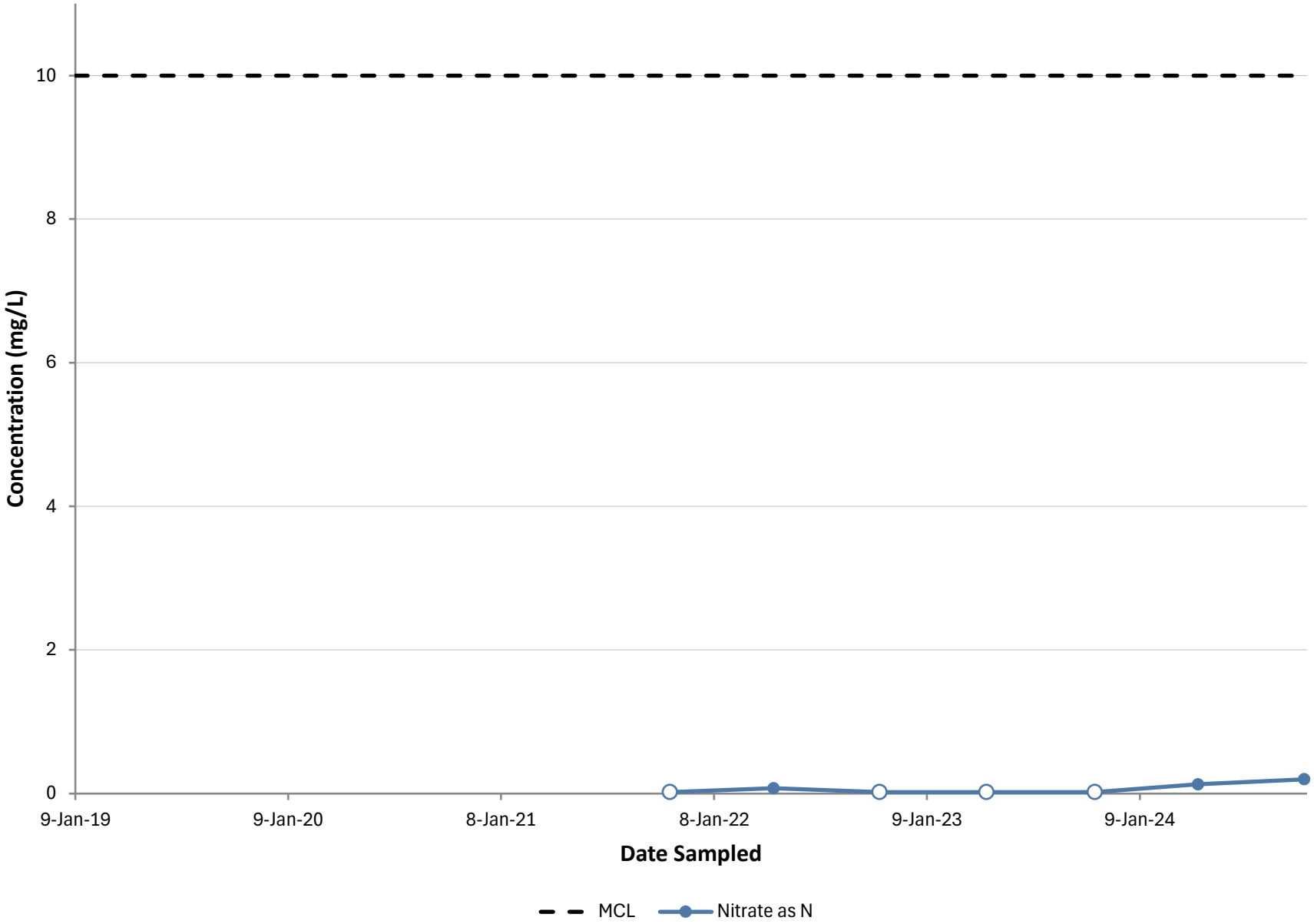
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-123
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
140
120
100
80
60
40
20
0
Concentration (mg/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

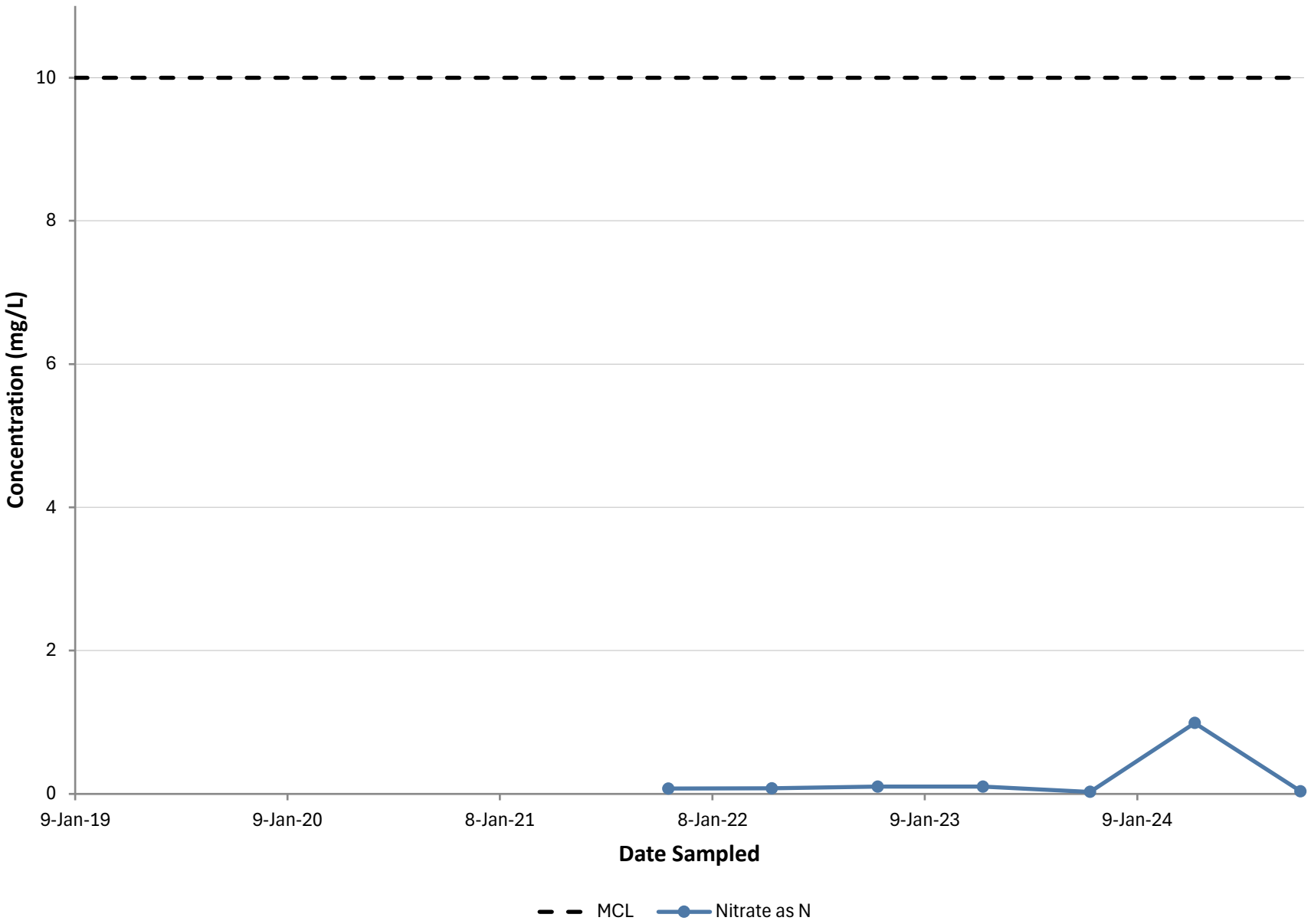
W-124

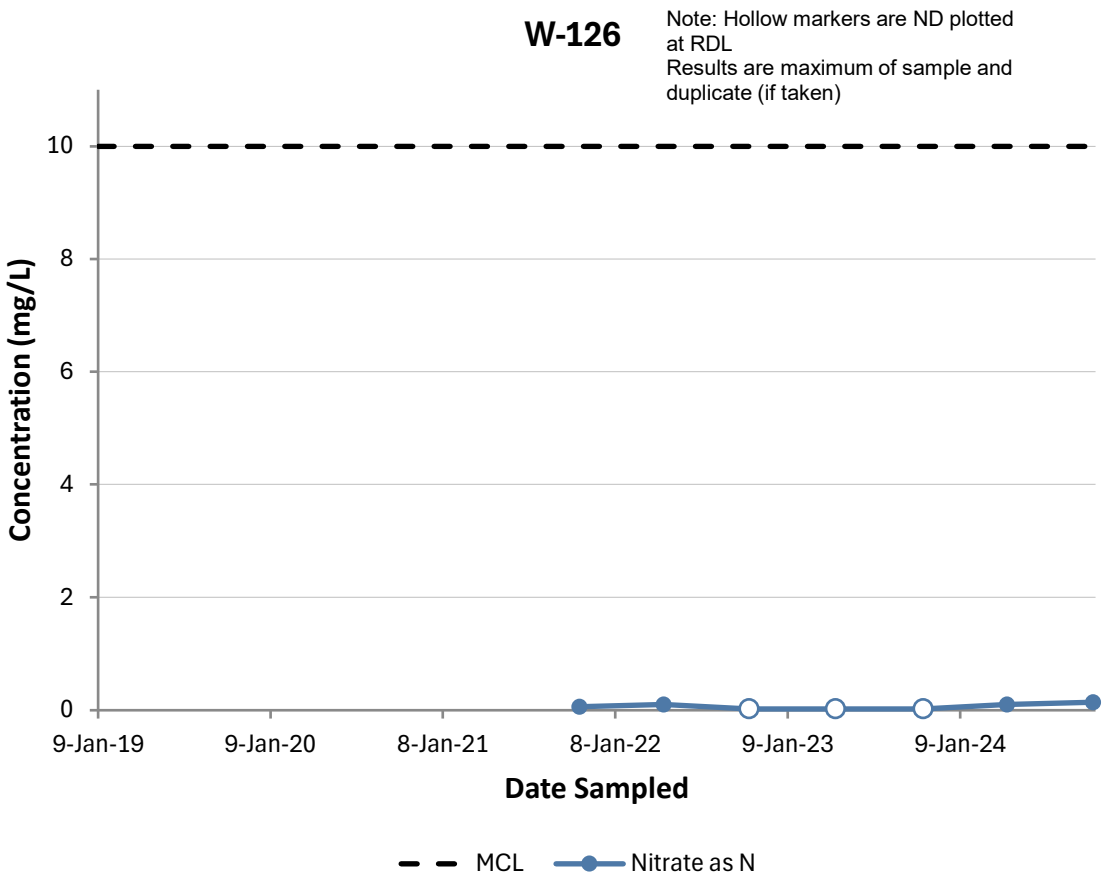
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

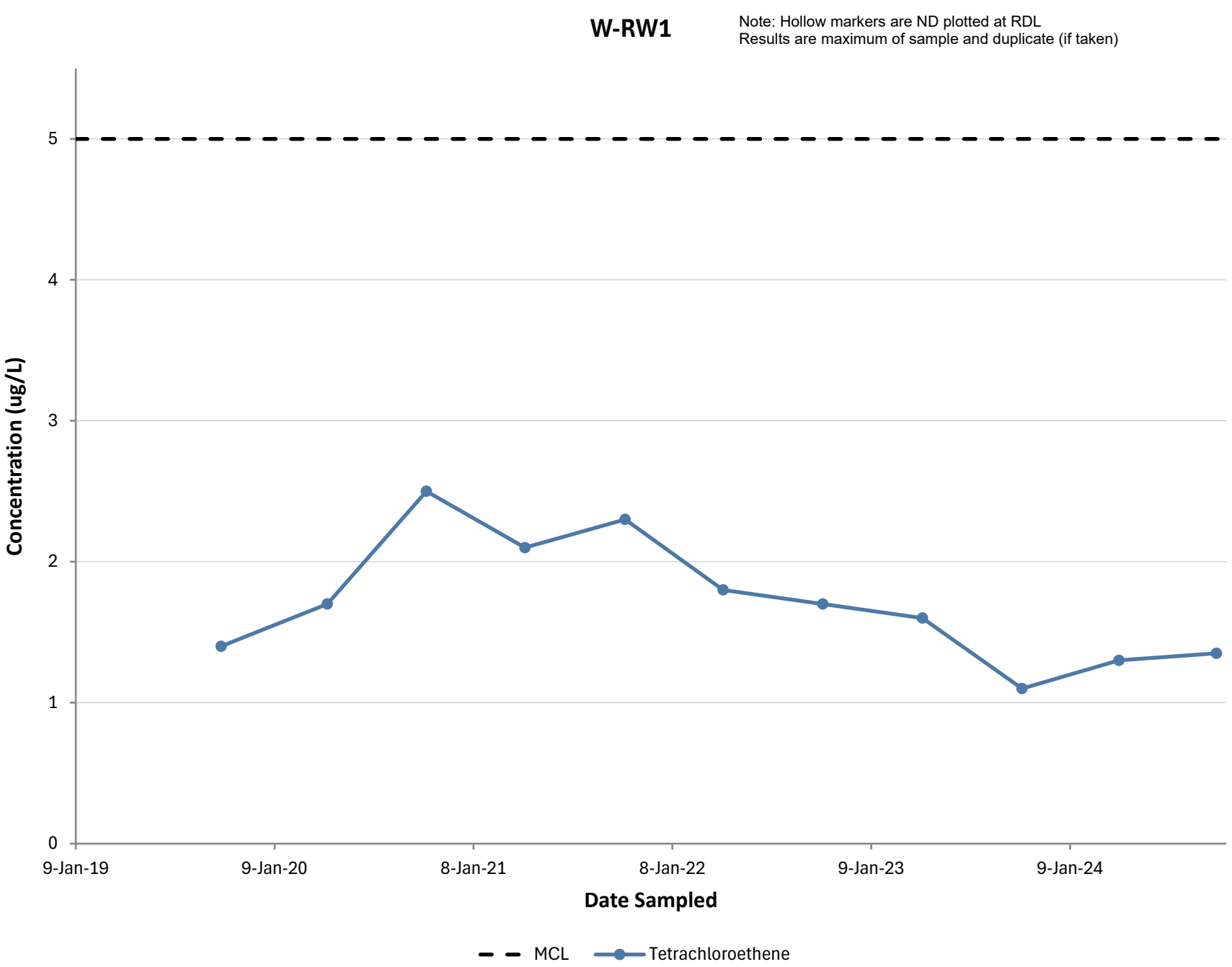


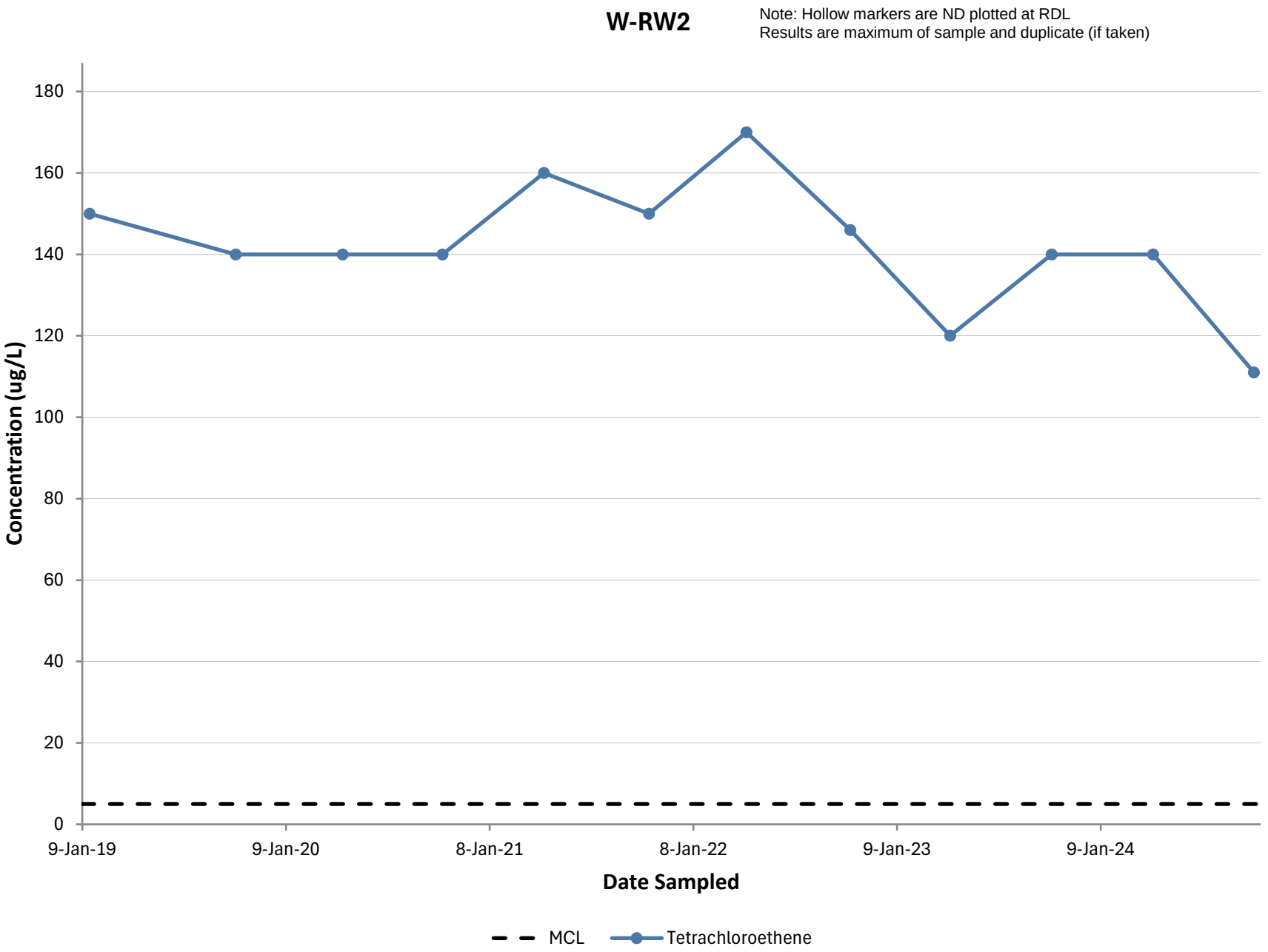
W-125

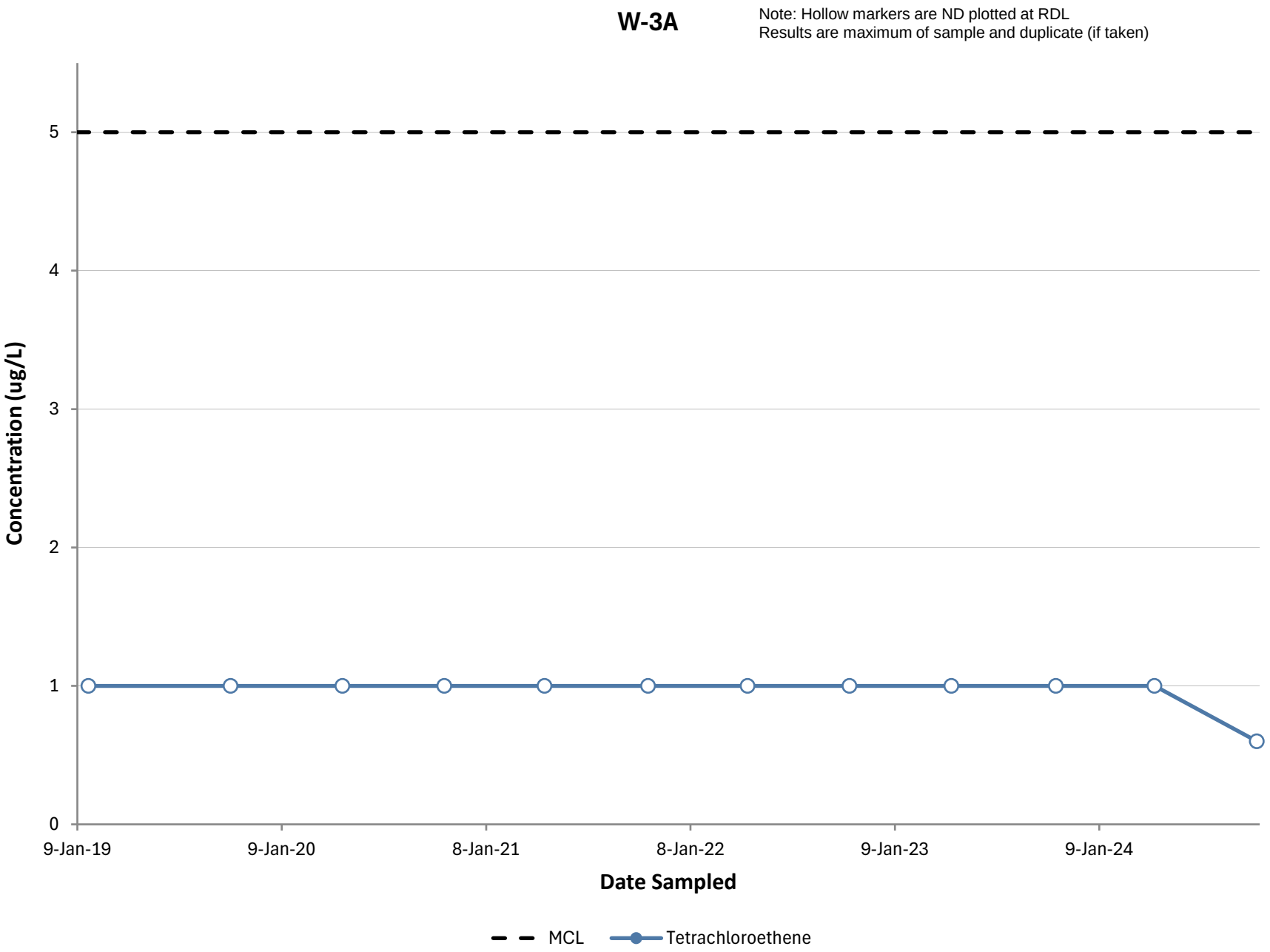
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

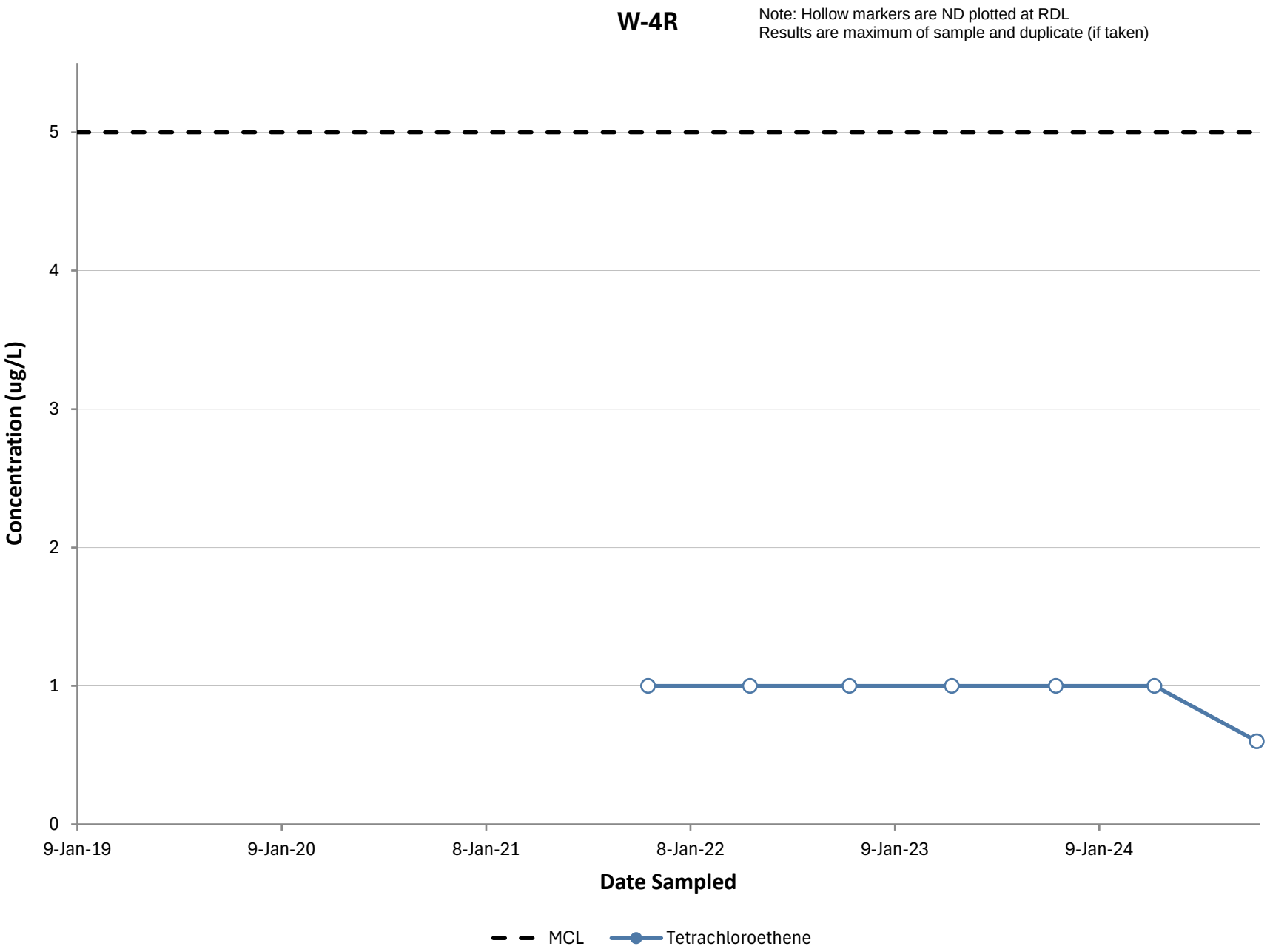


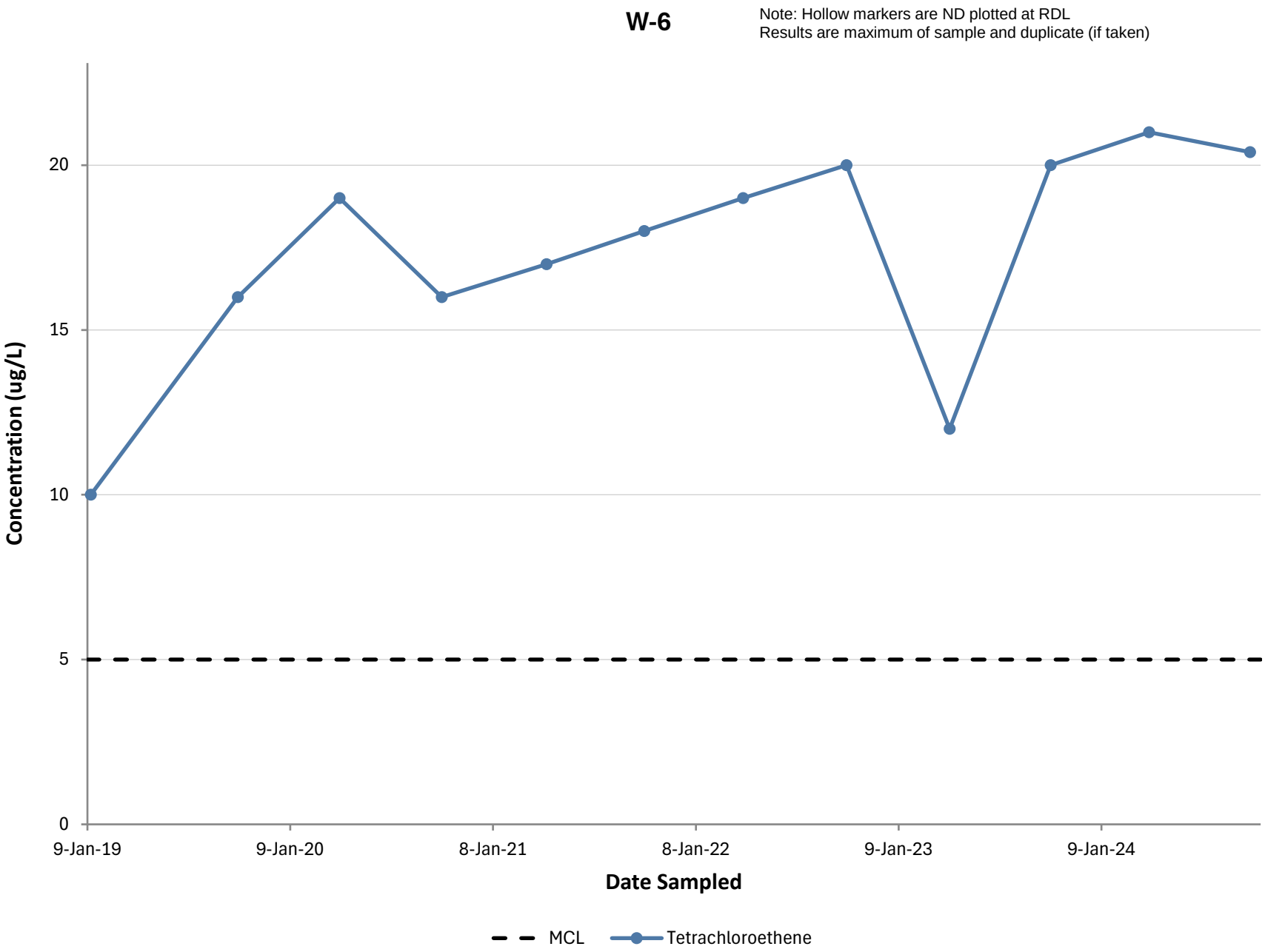

W-126
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (mg/L)
10
8
6
4
2
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Nitrate as N

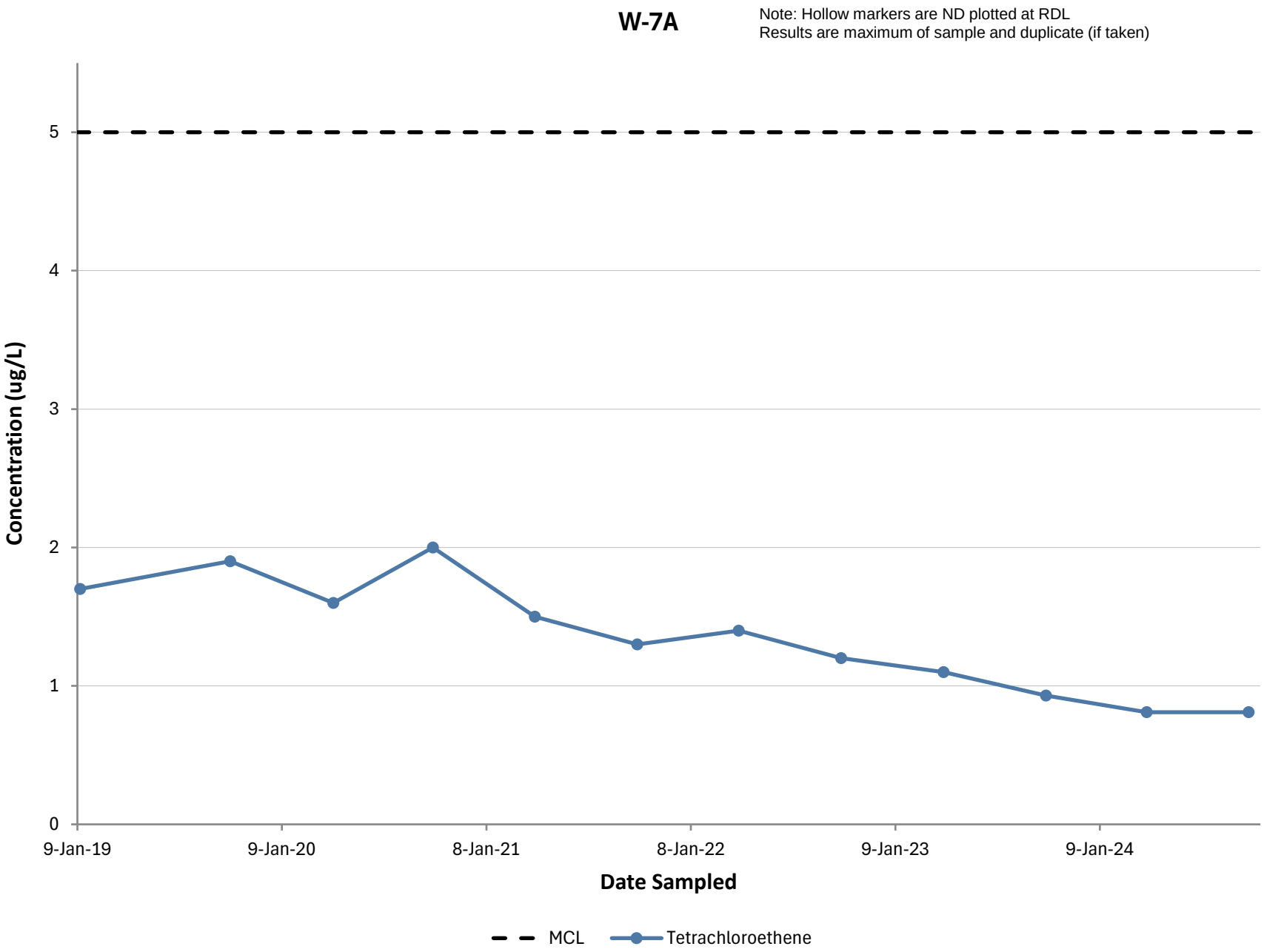

W-RW1
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

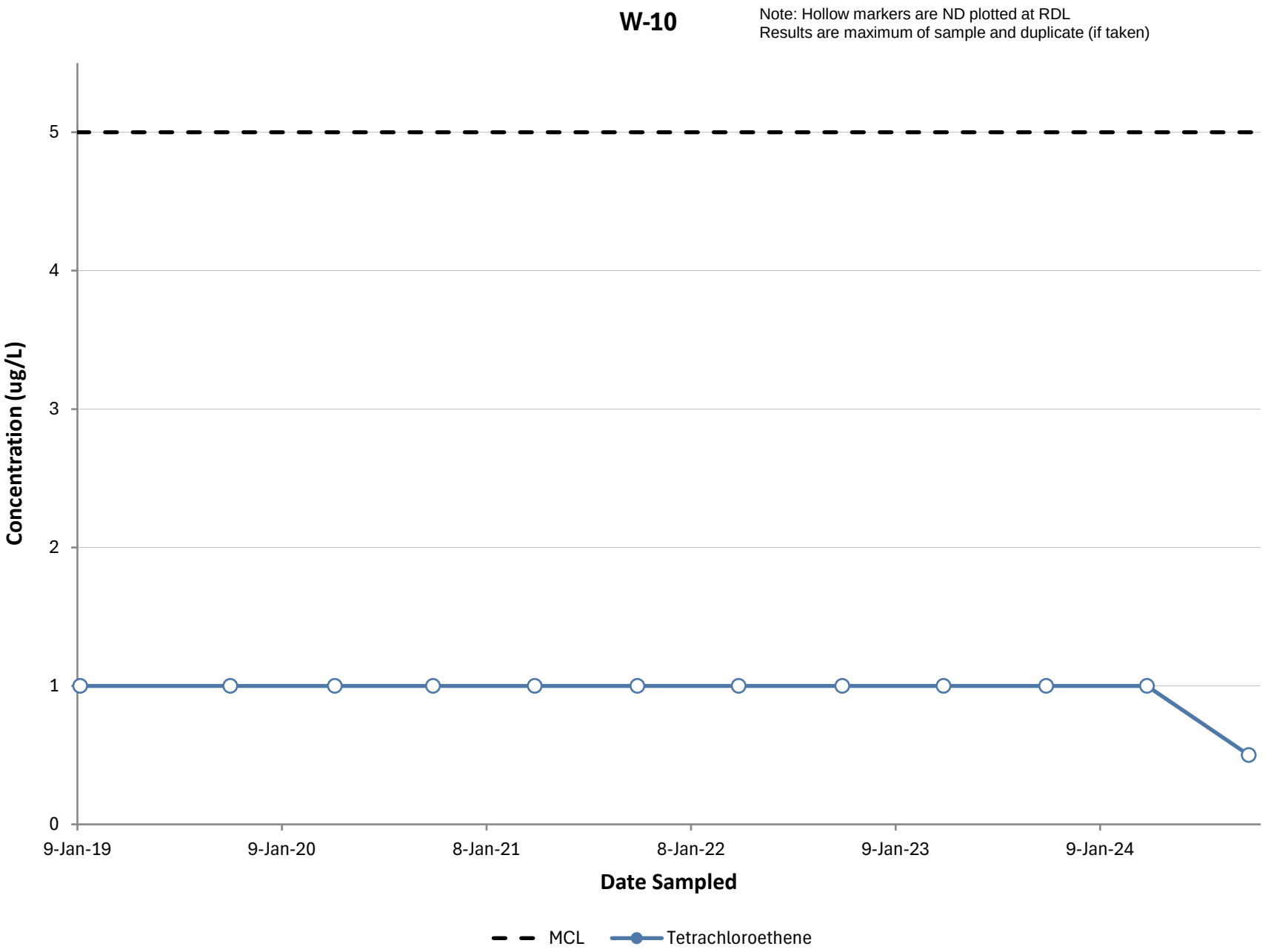

W-RW2
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
180
160
140
120
100
80
60
40
20
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

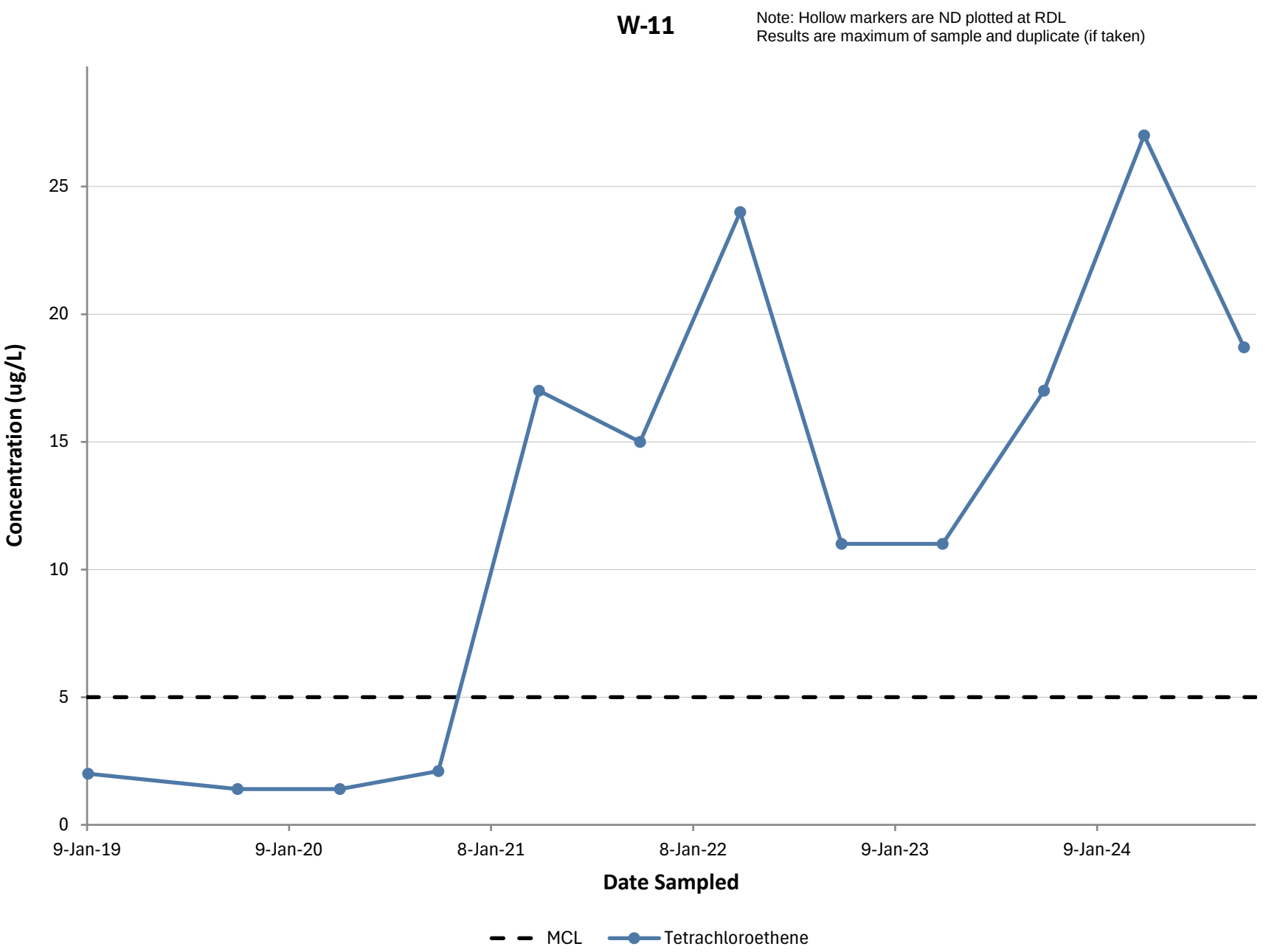

W-3A
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

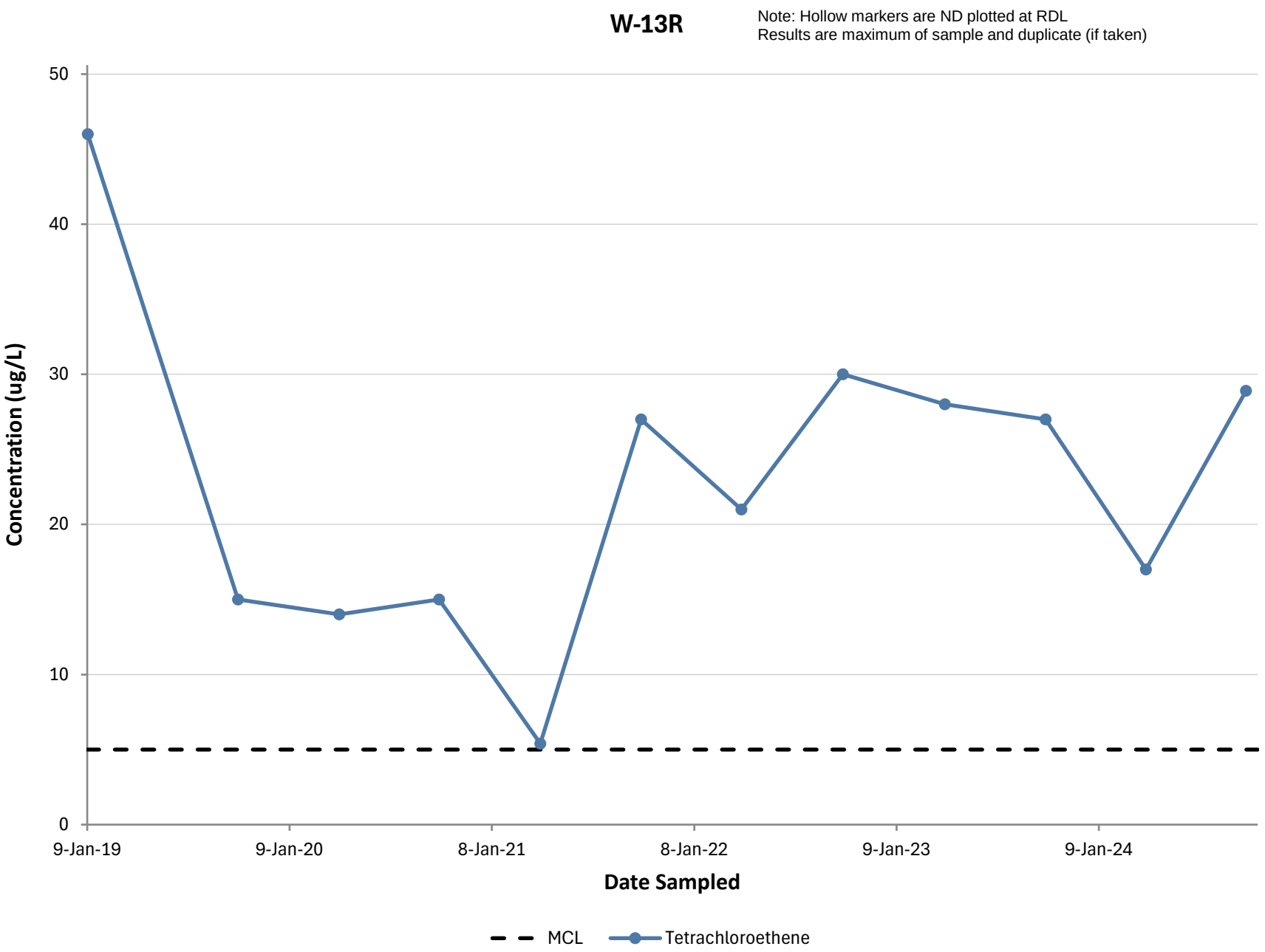

W-4R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-6
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-7A
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

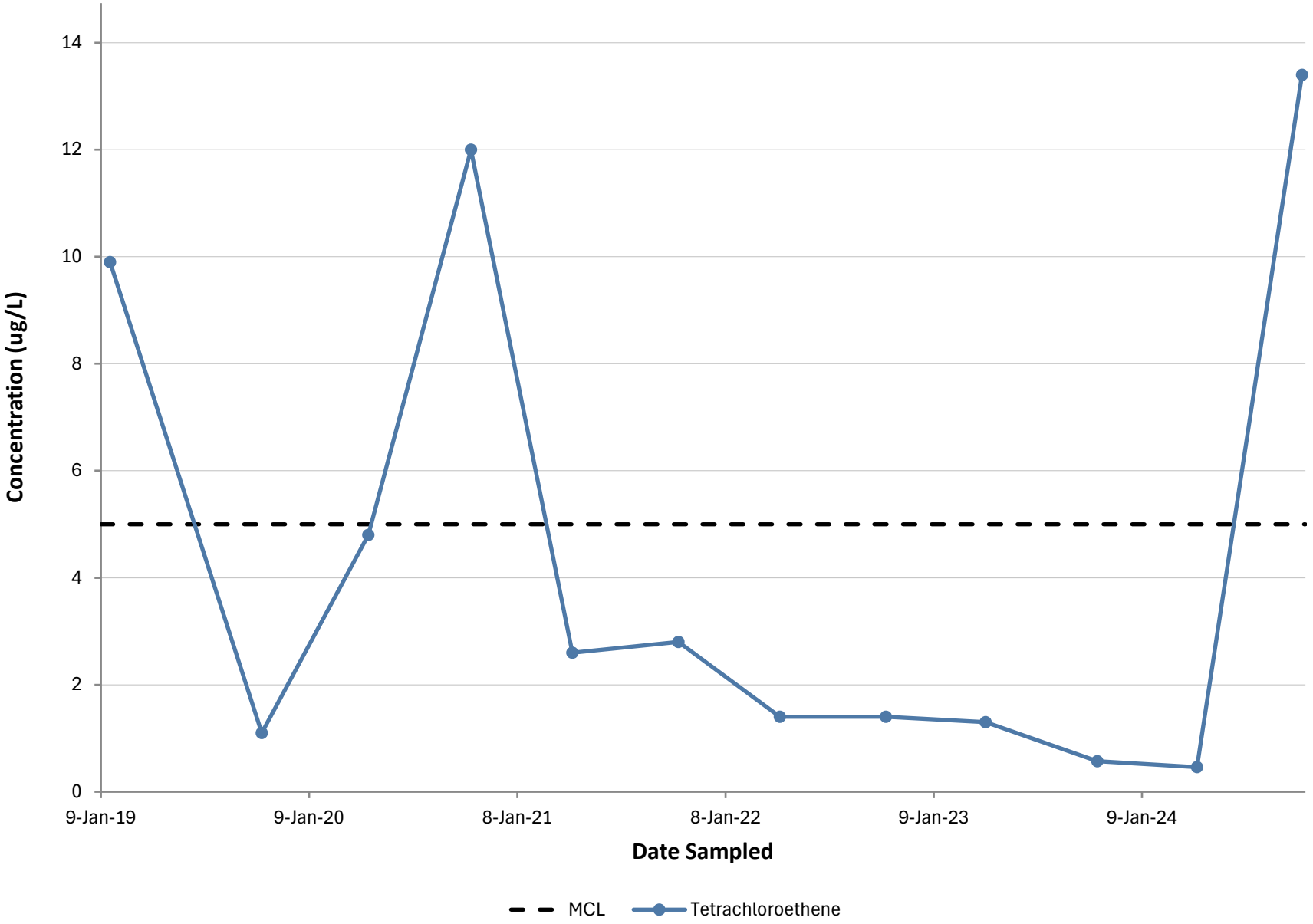

W-10
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

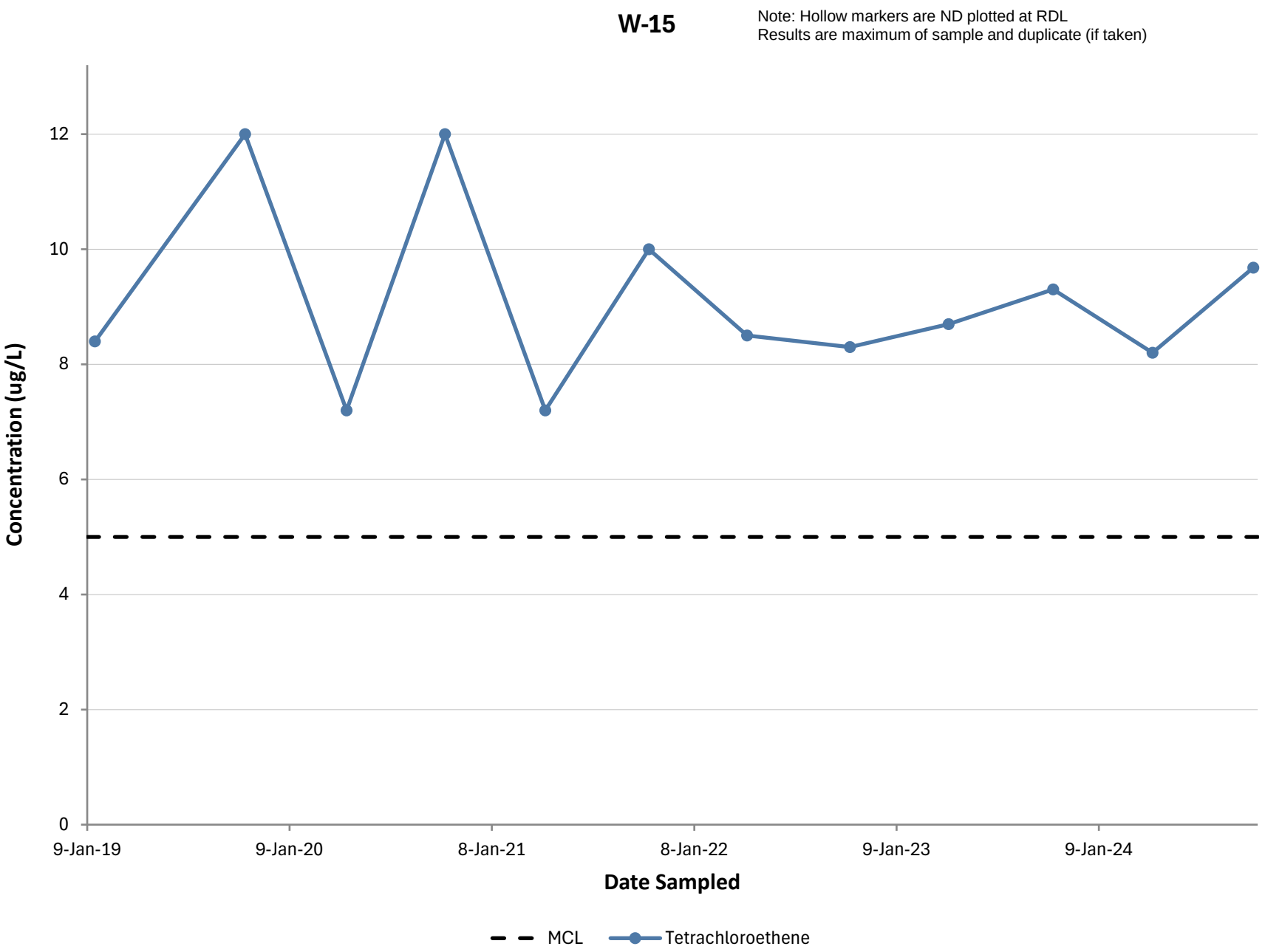

W-11
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

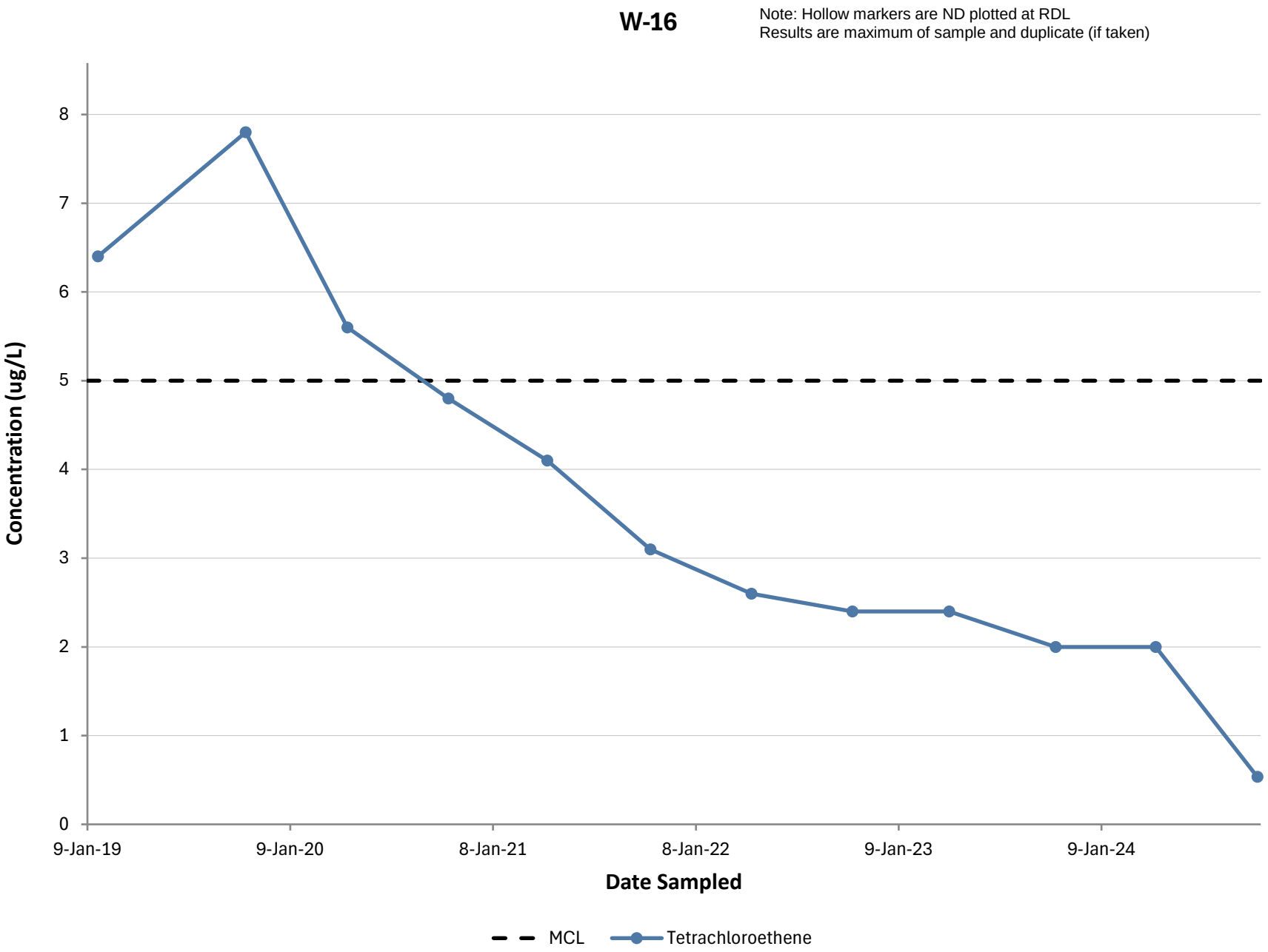

W-13R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
50
40
30
20
10
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

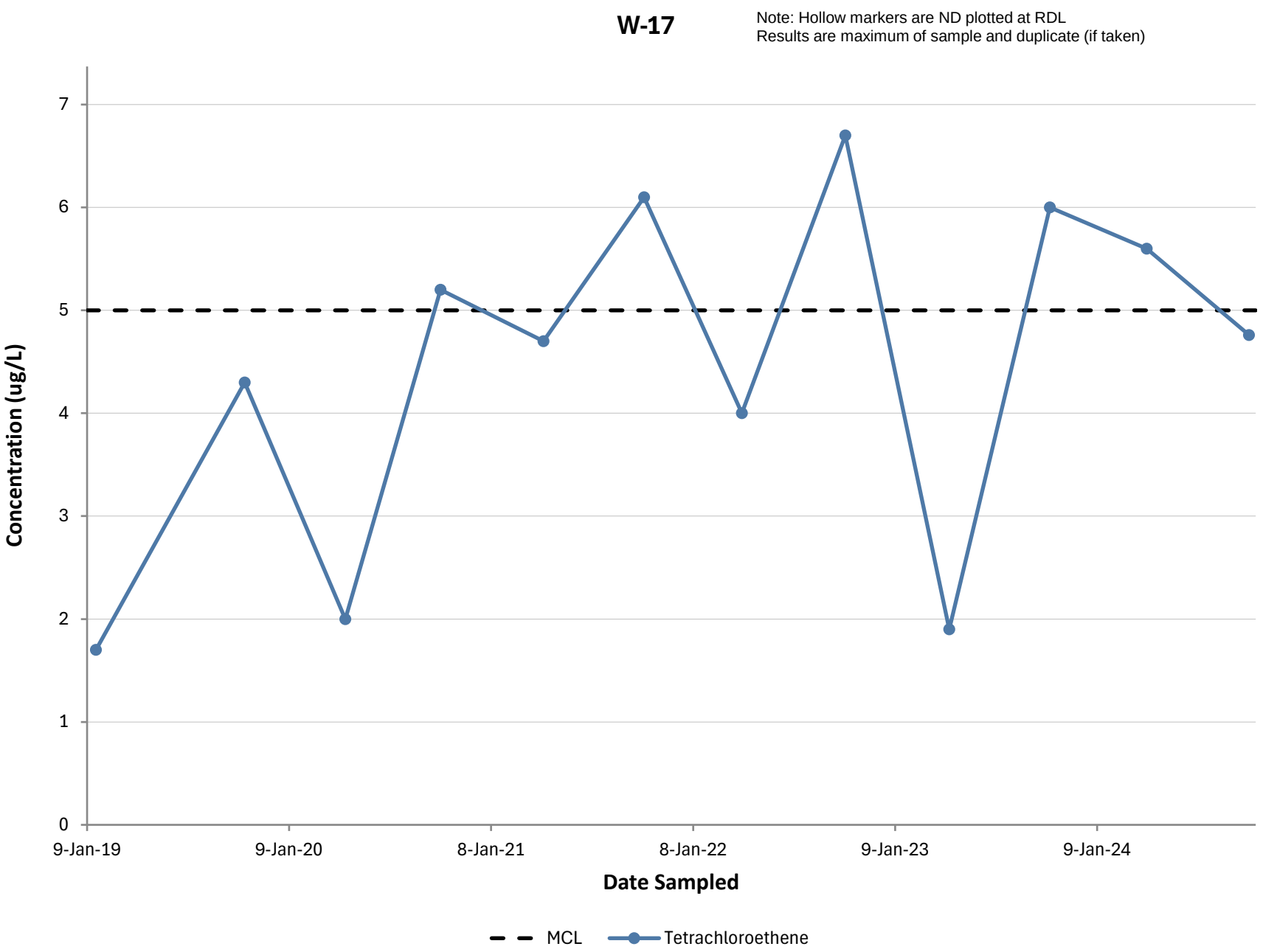
W-14

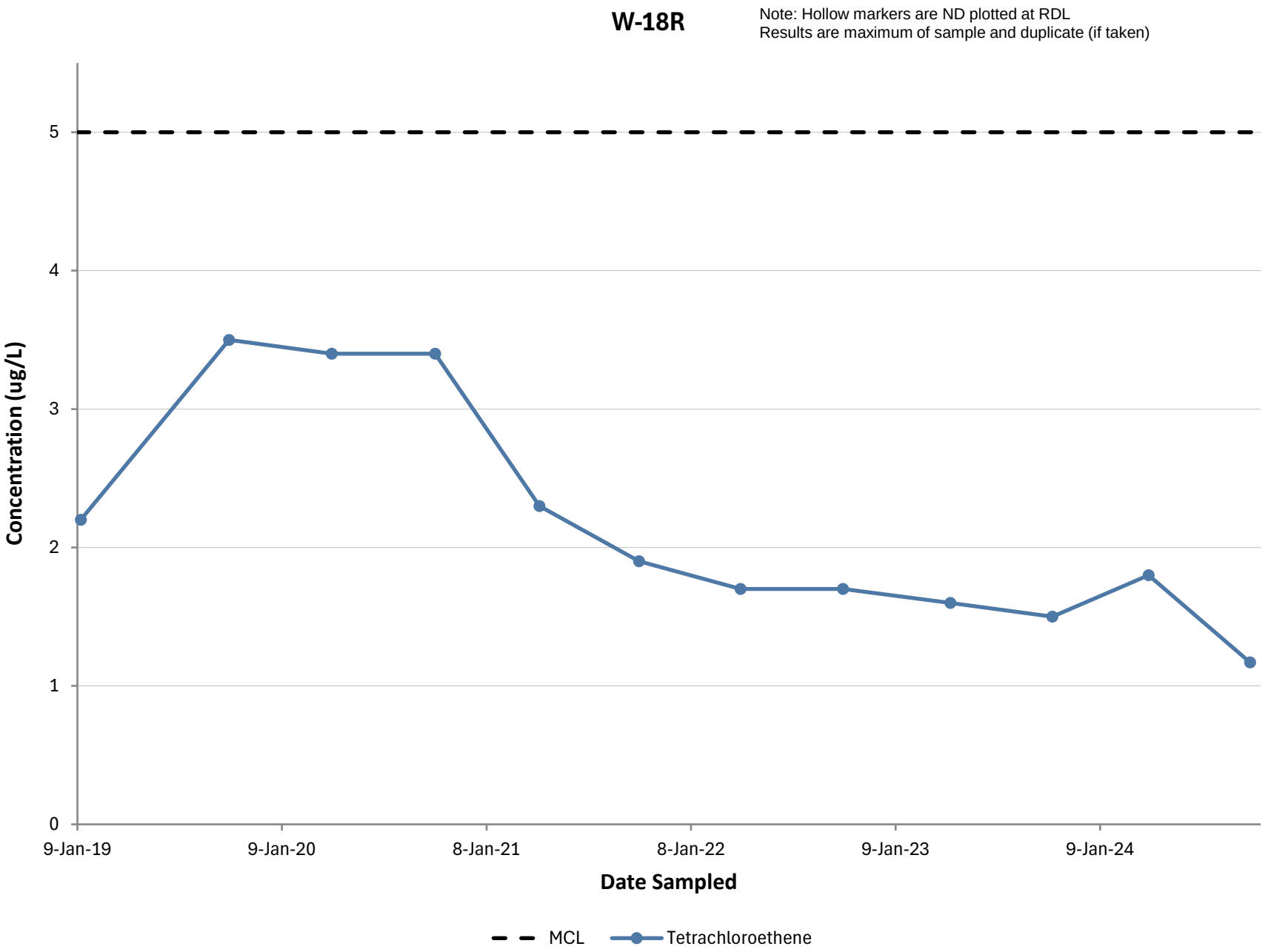
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

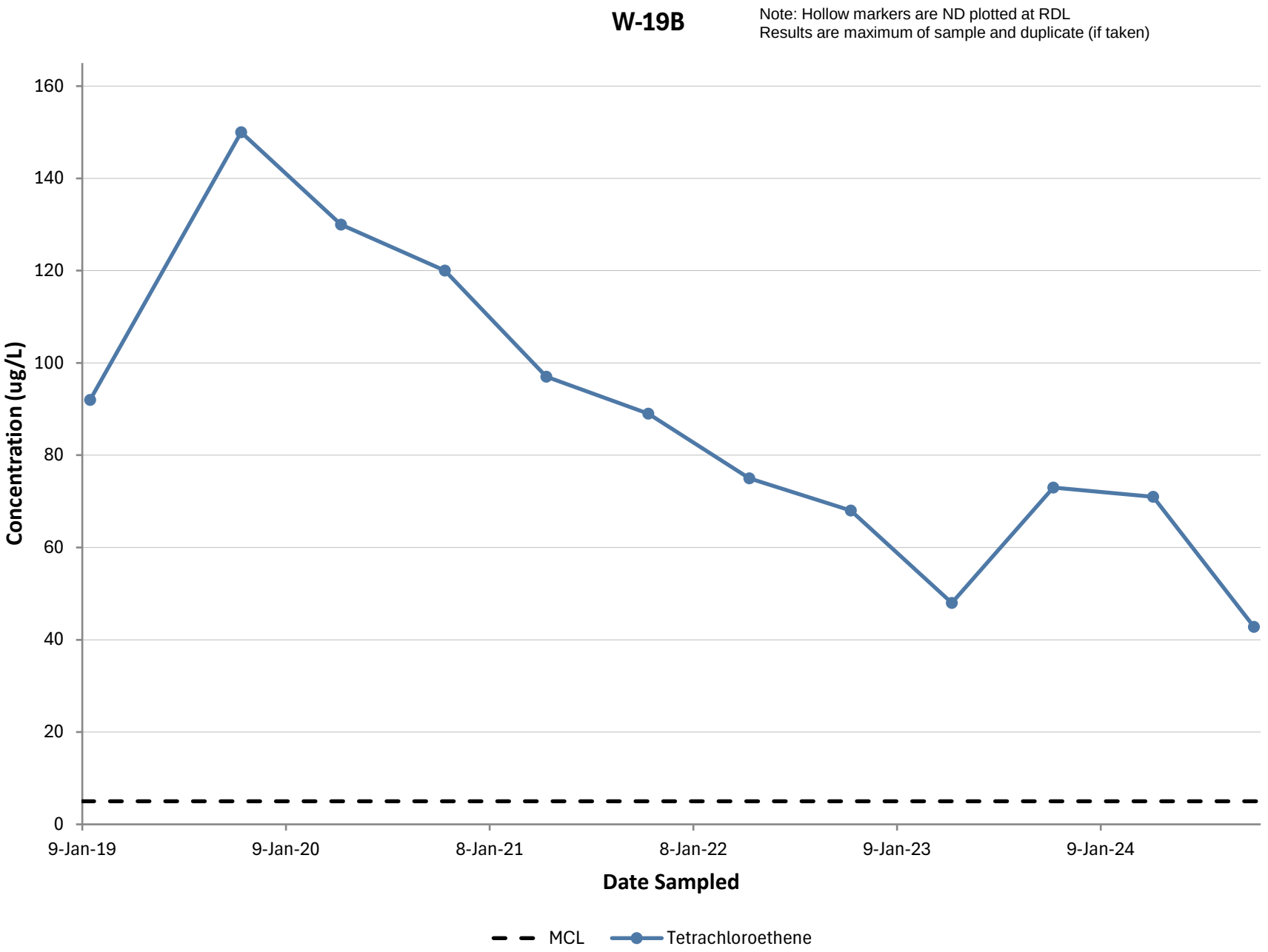



W-15
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
2
4
6
8
10
12
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-16
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
6
7
8
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

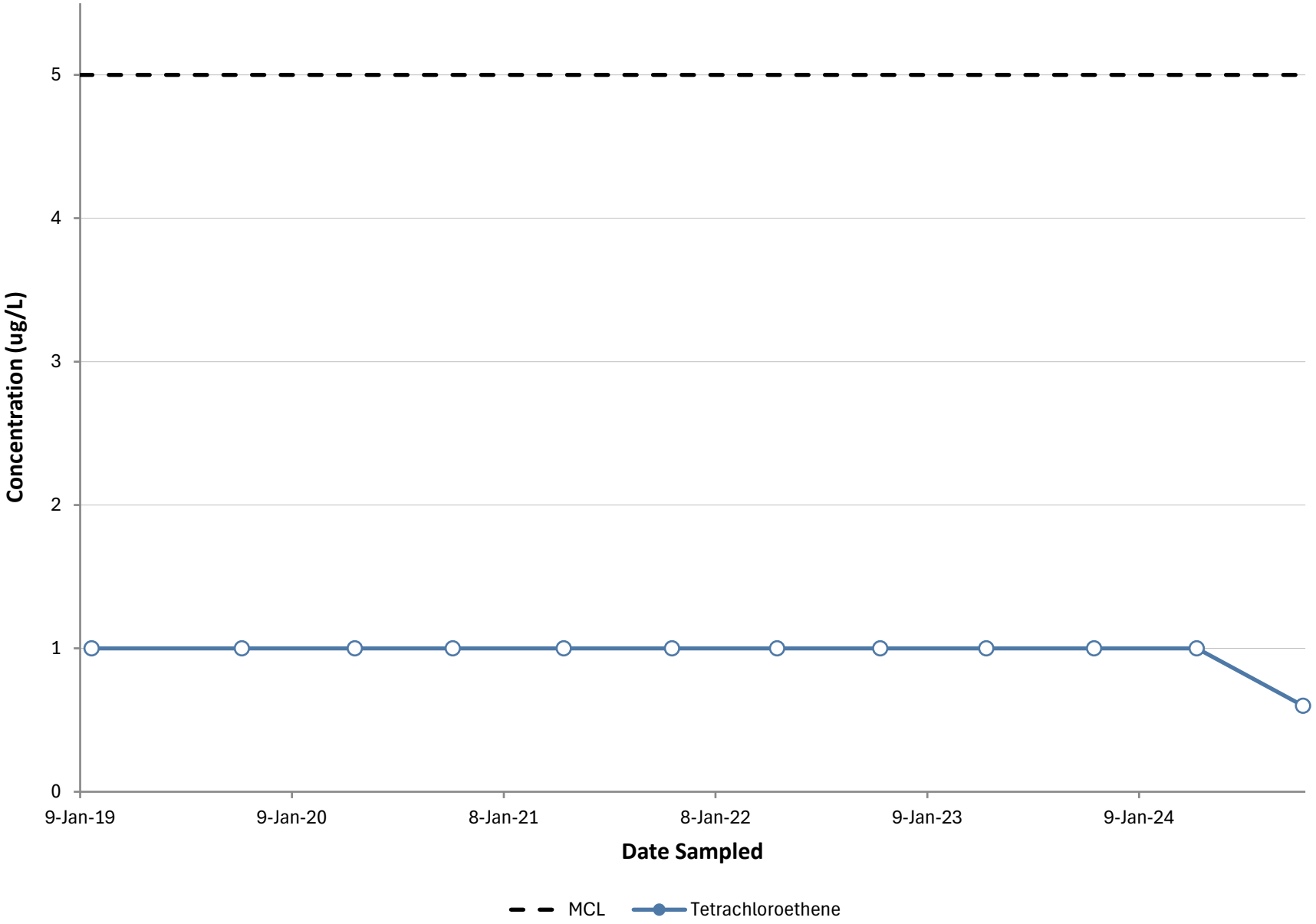

W-17
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
6
7
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-18R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-19B
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
160
140
120
100
80
60
40
20
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

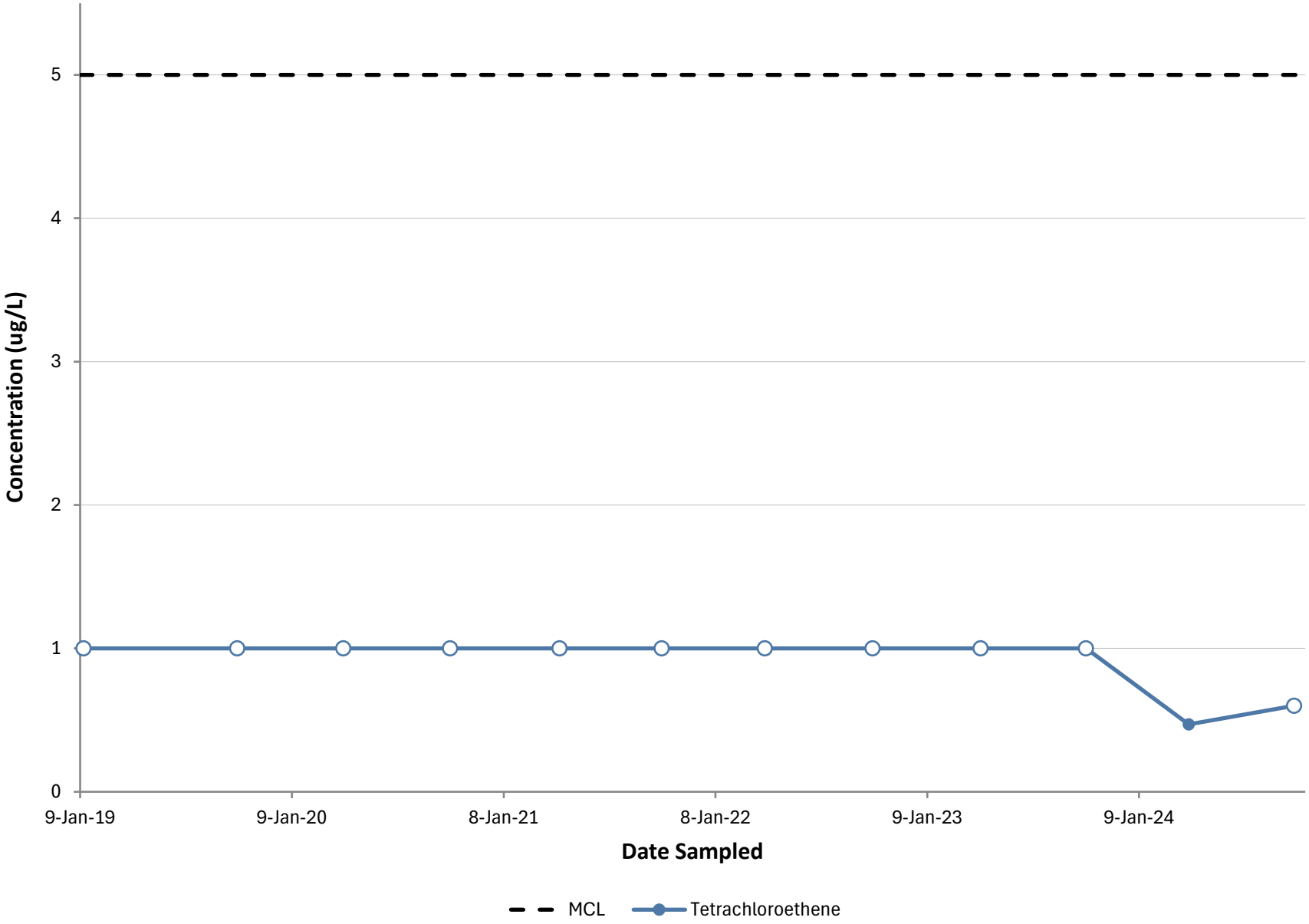
W-20

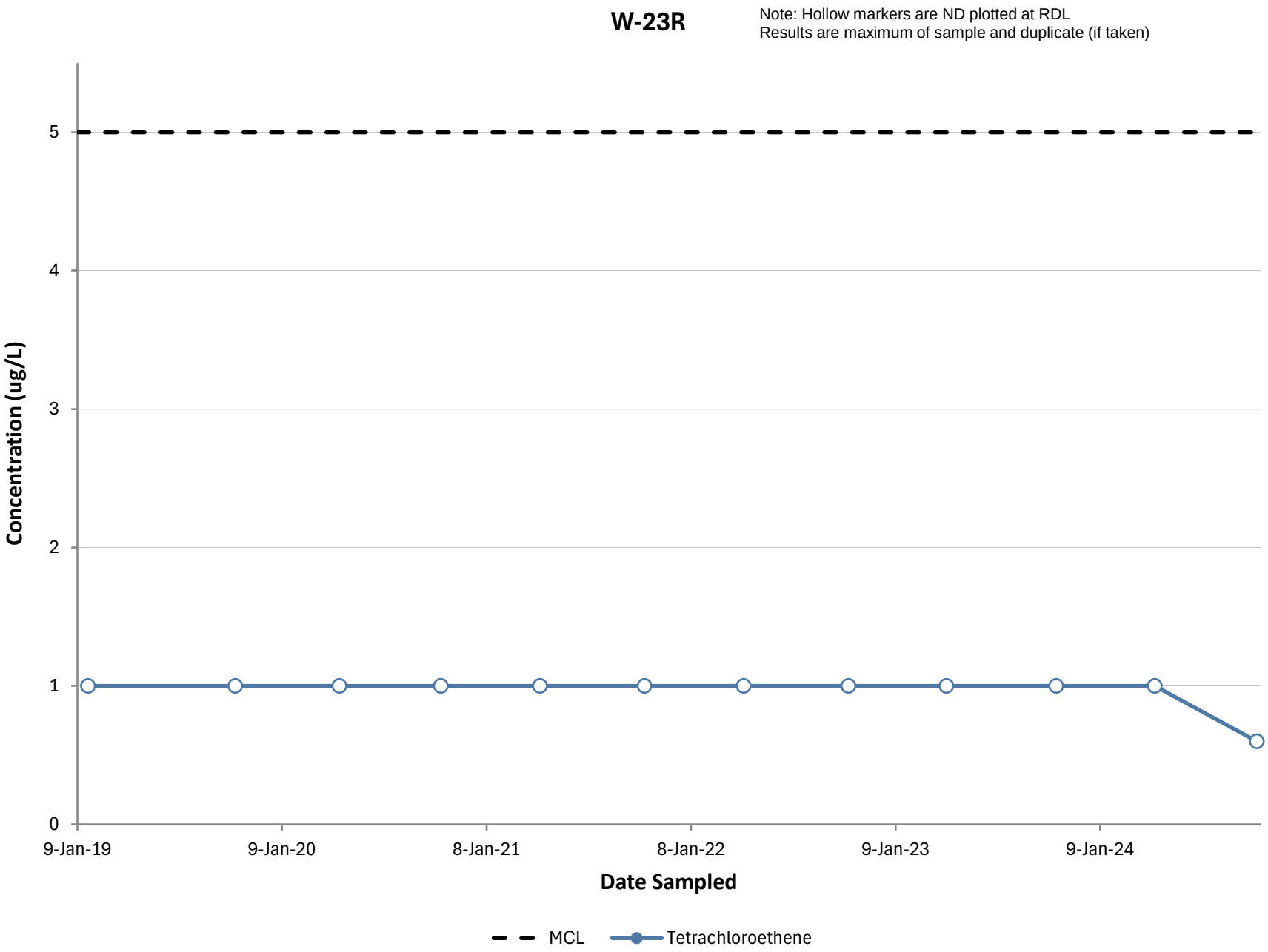
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

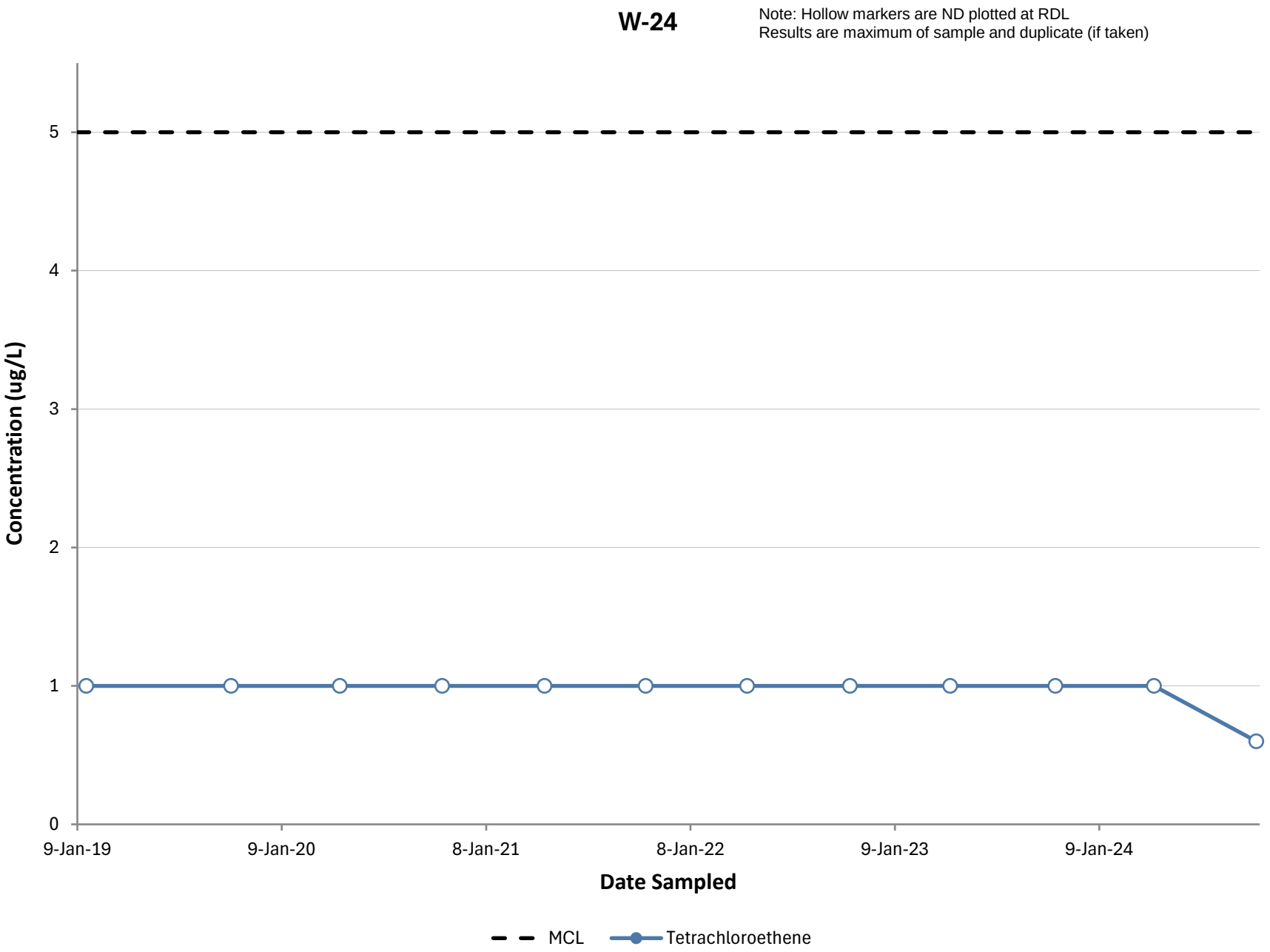


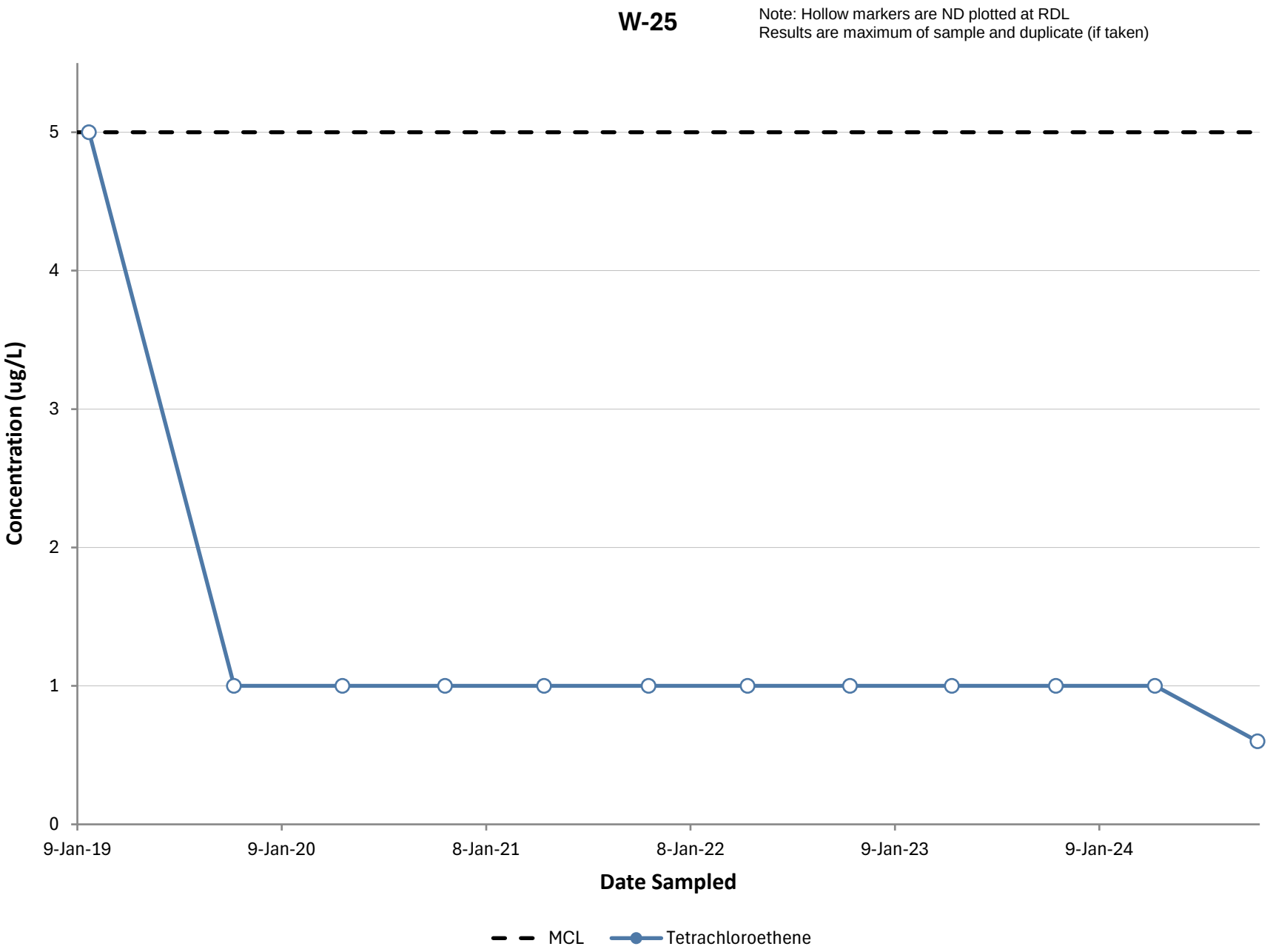
W-22

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



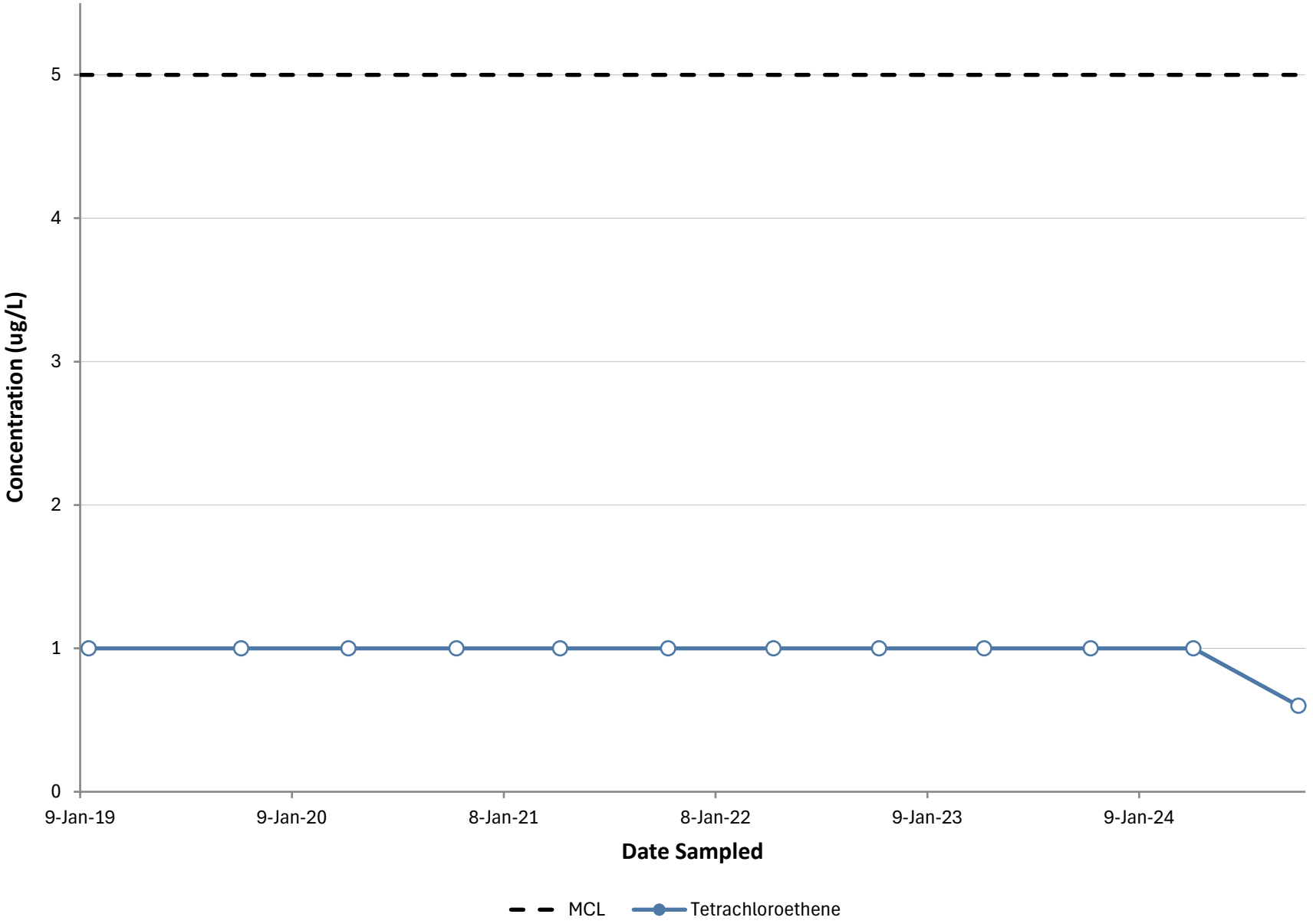

W-23R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-24
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-25
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

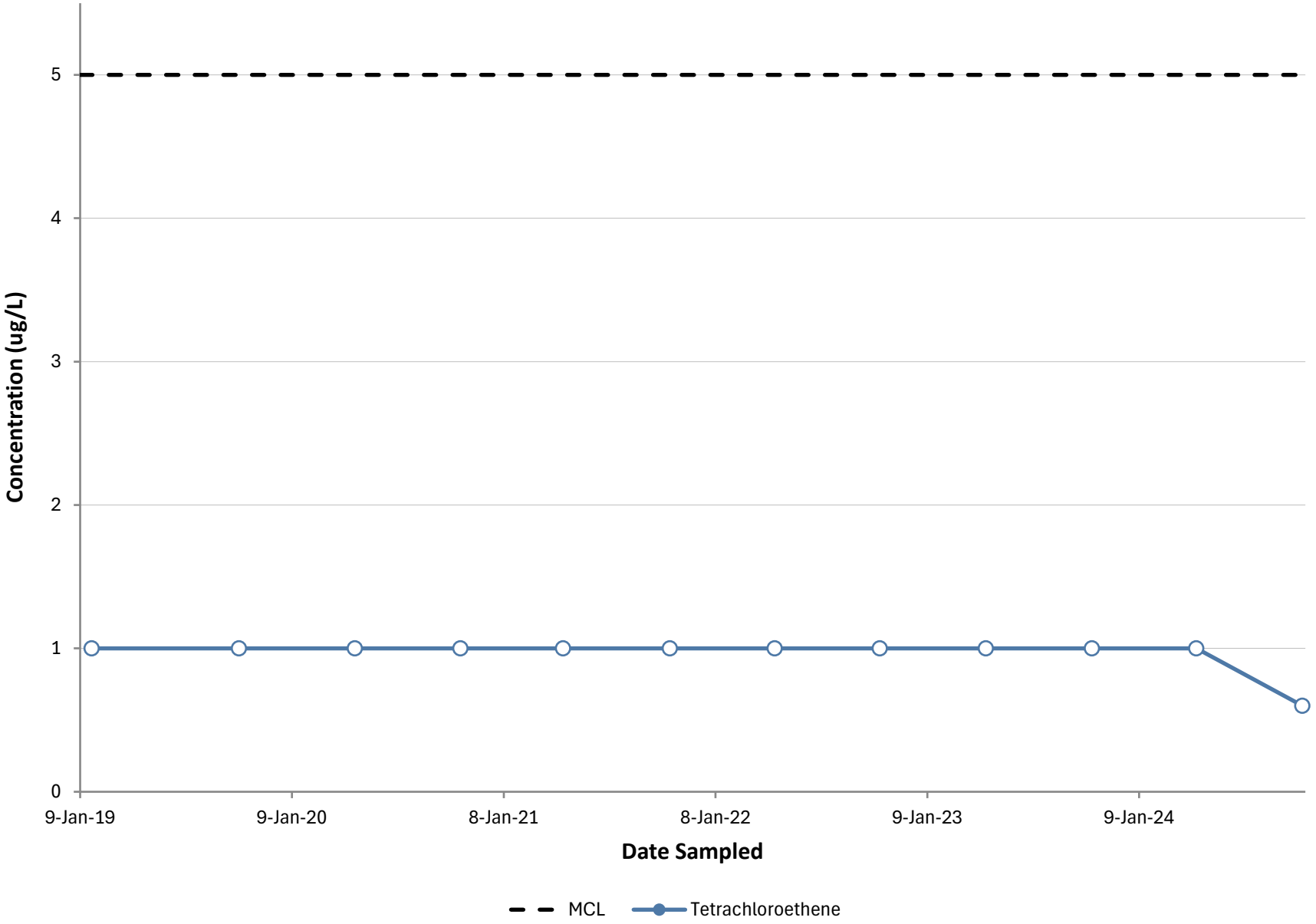
W-26

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



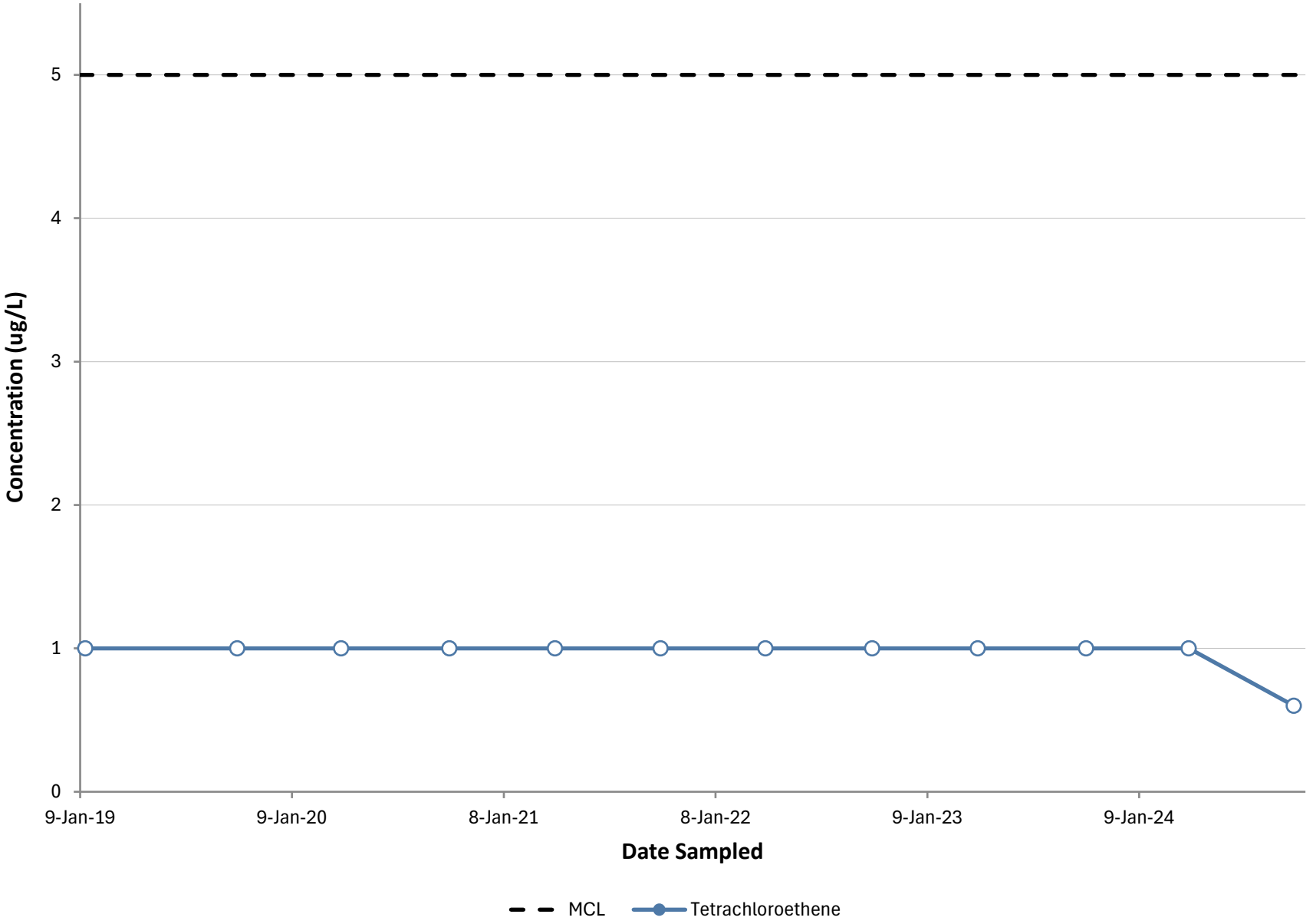
W-27

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



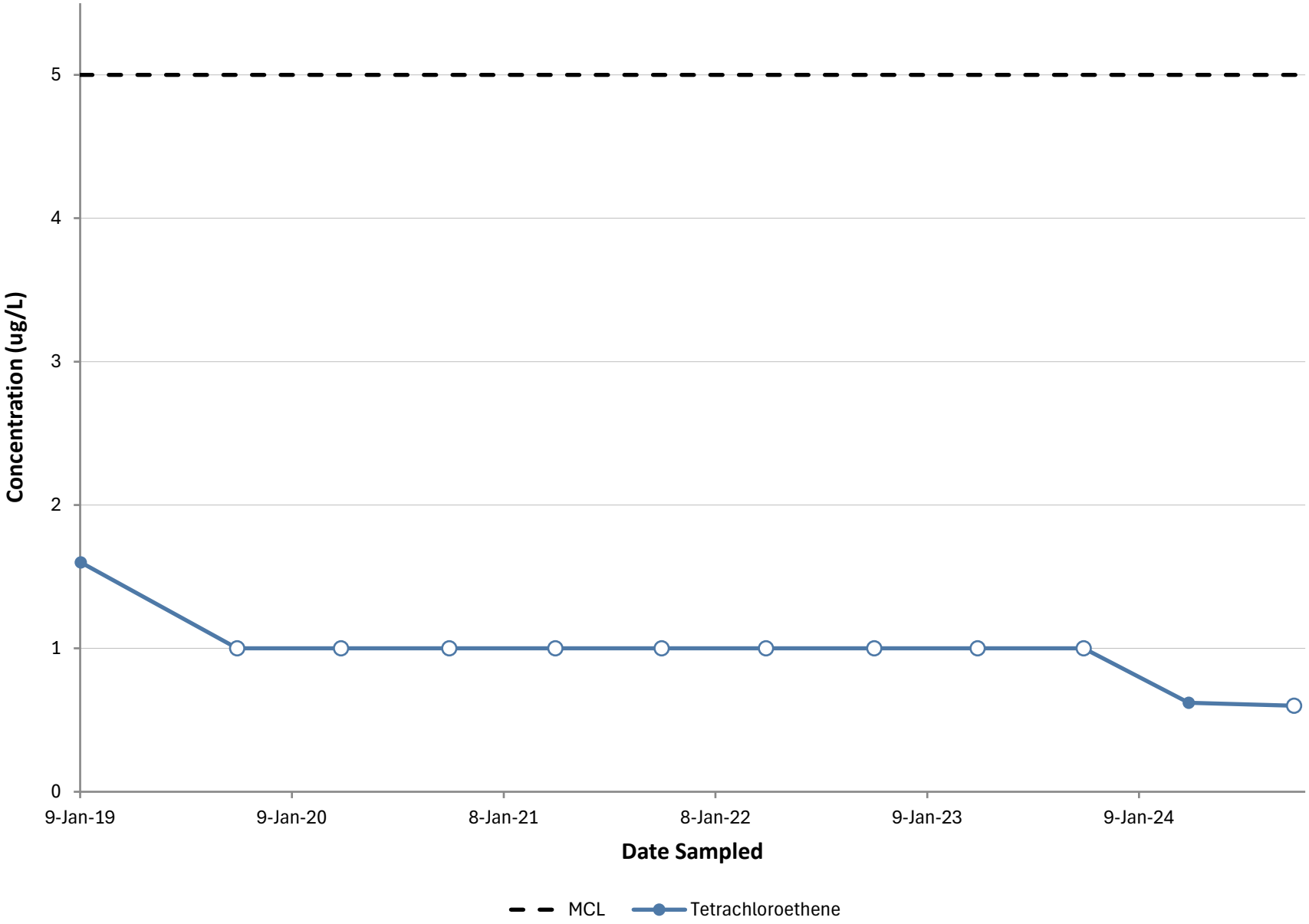
W-28

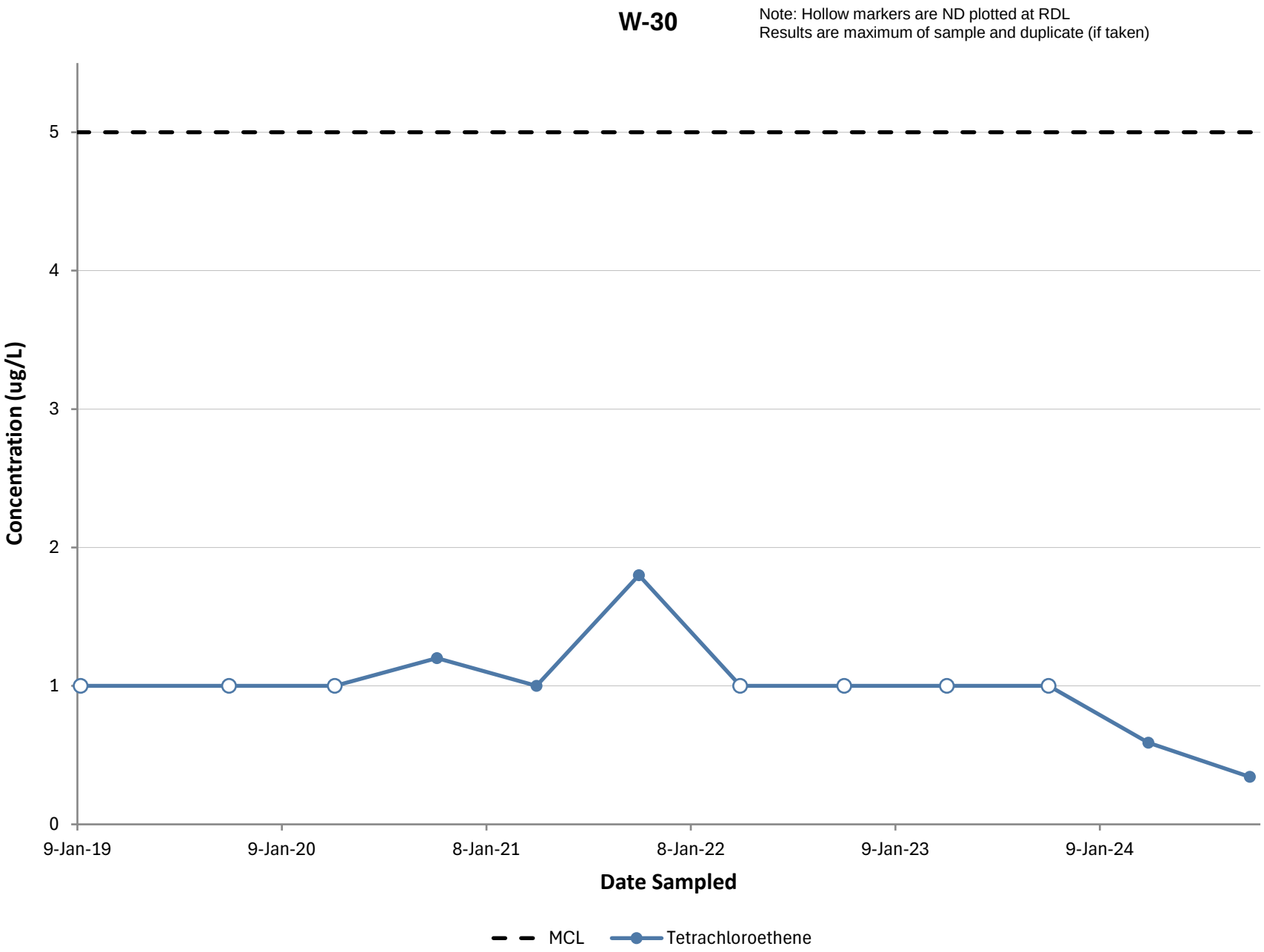
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

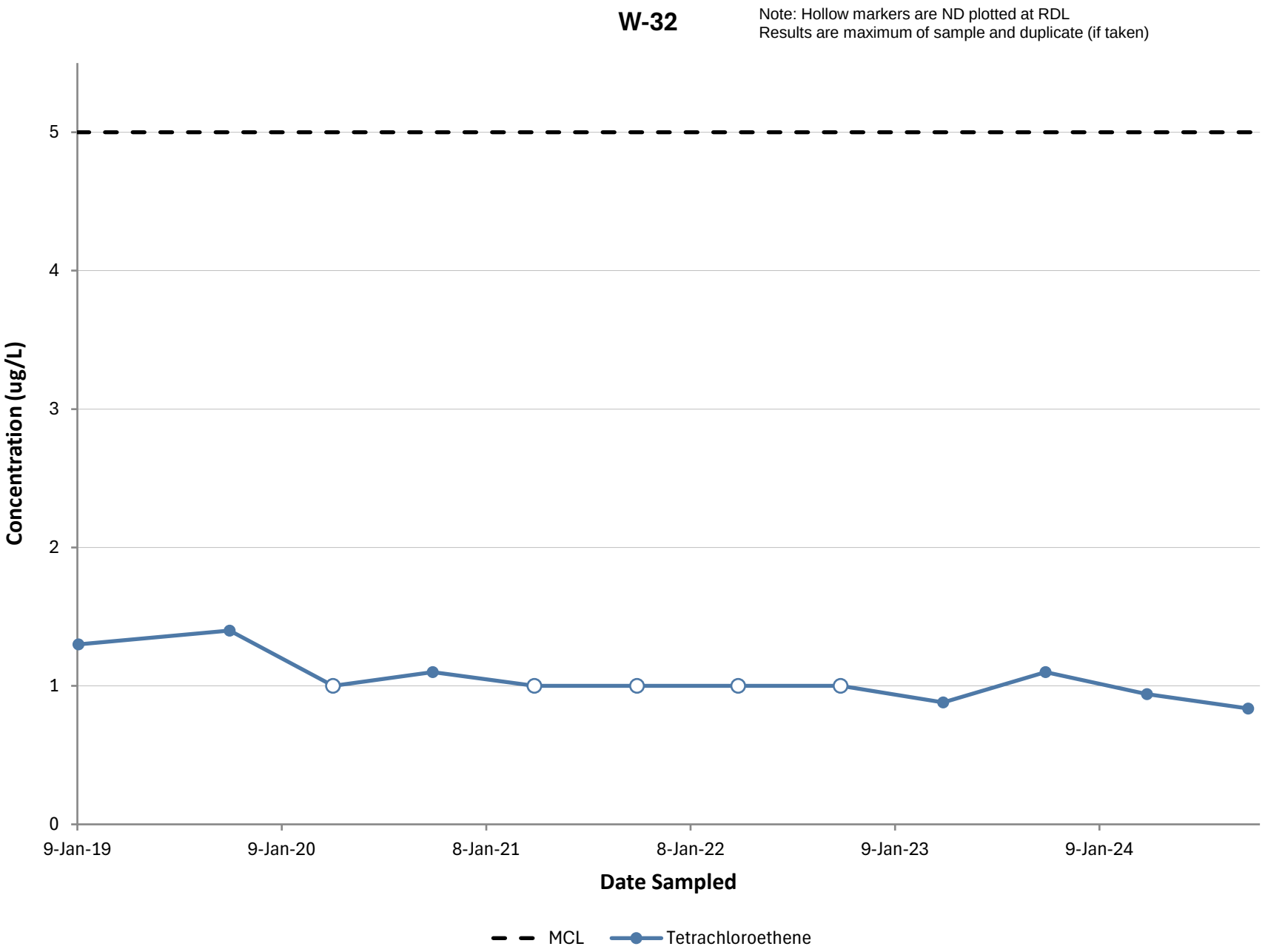


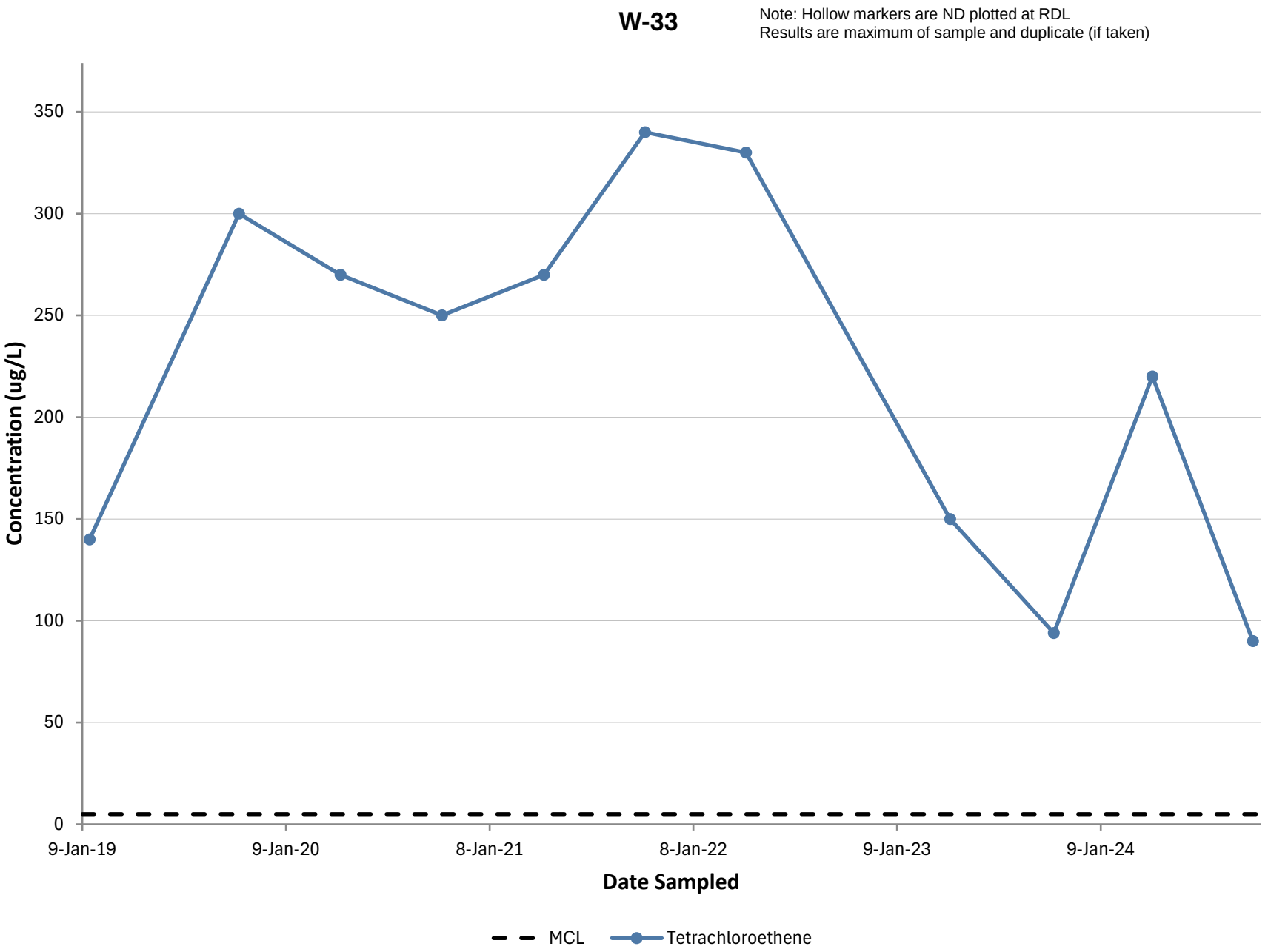
W-29

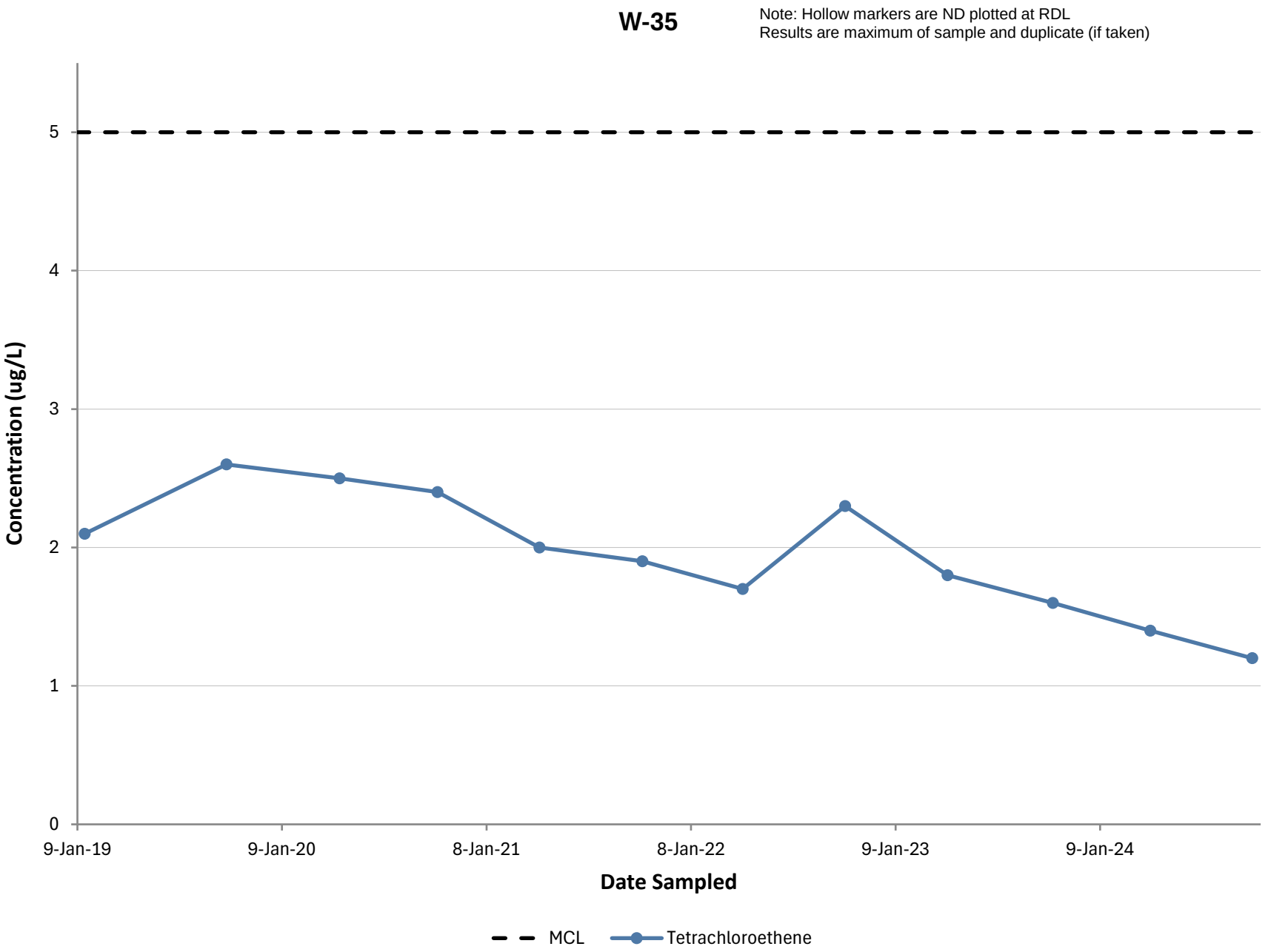
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-30
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

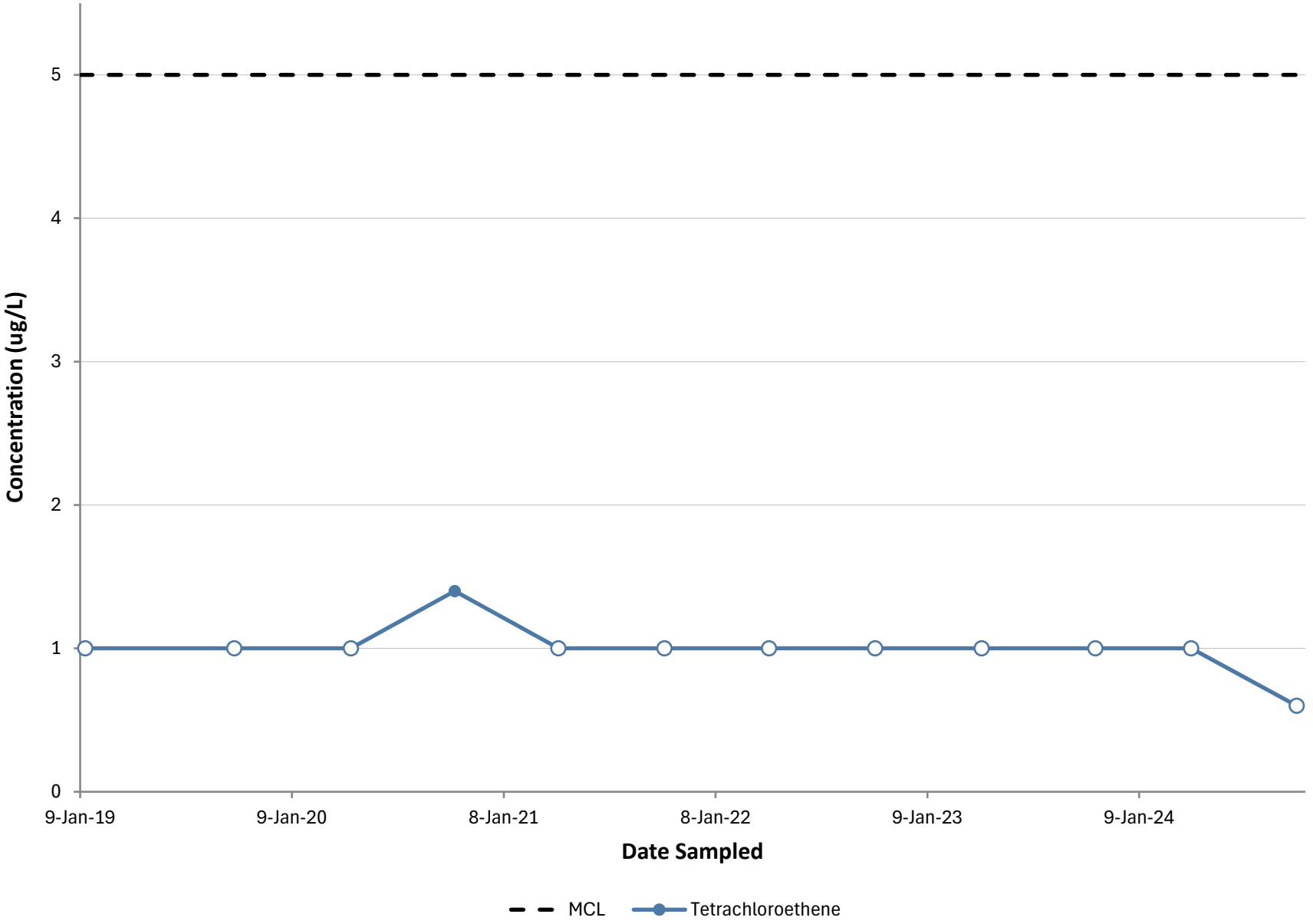

W-32
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-33
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
350
300
250
200
150
100
50
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-35
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

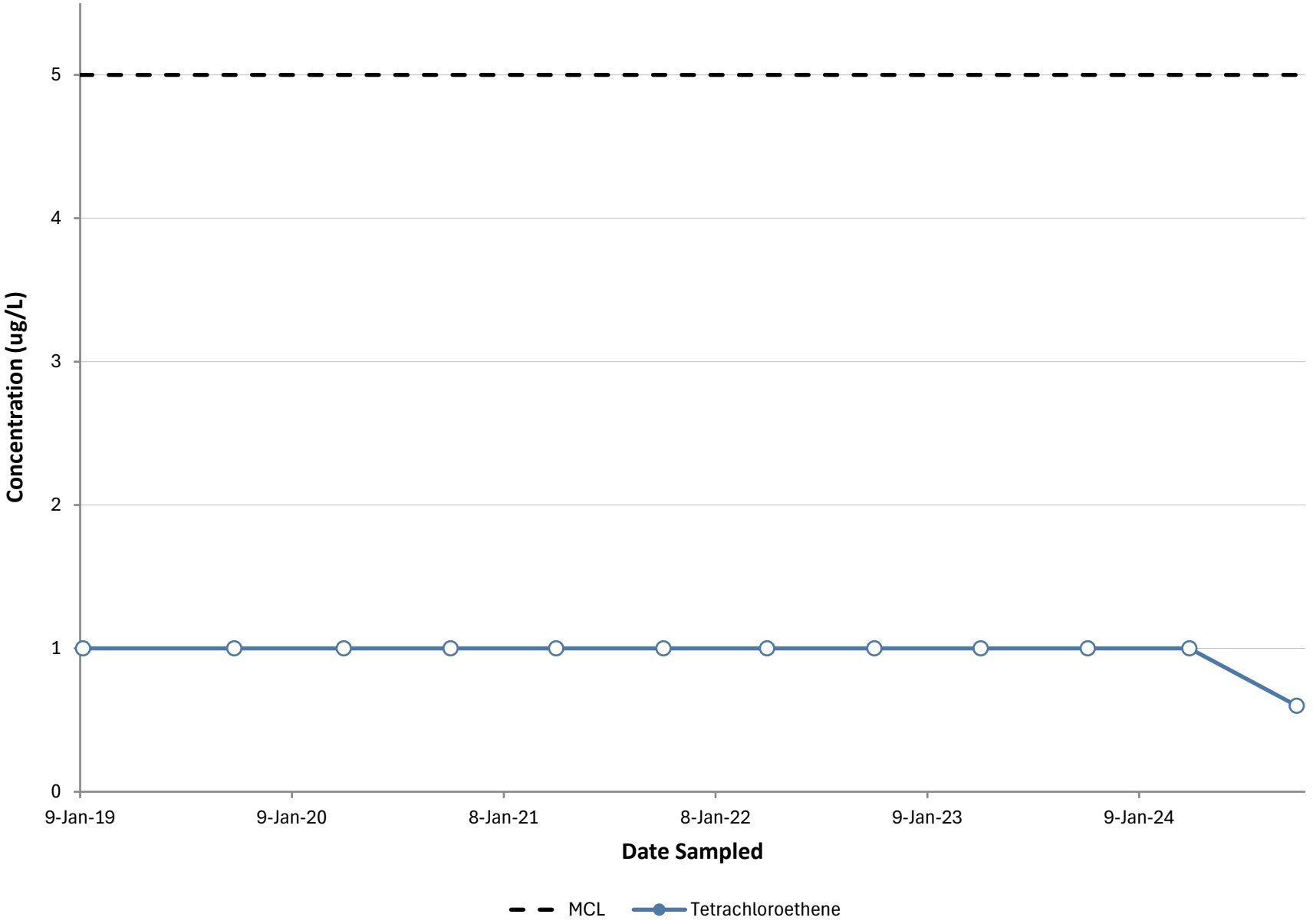
W-36

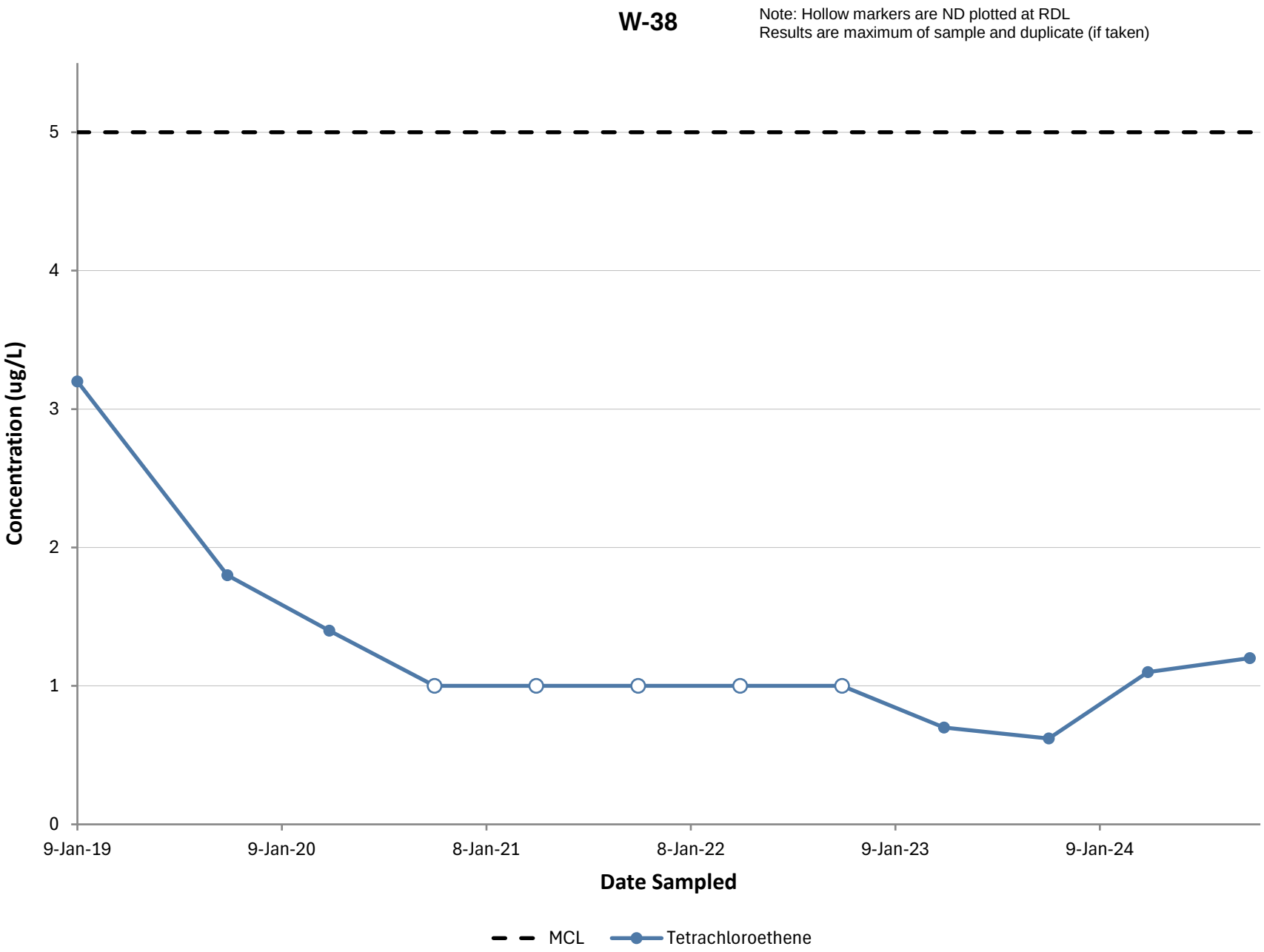
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

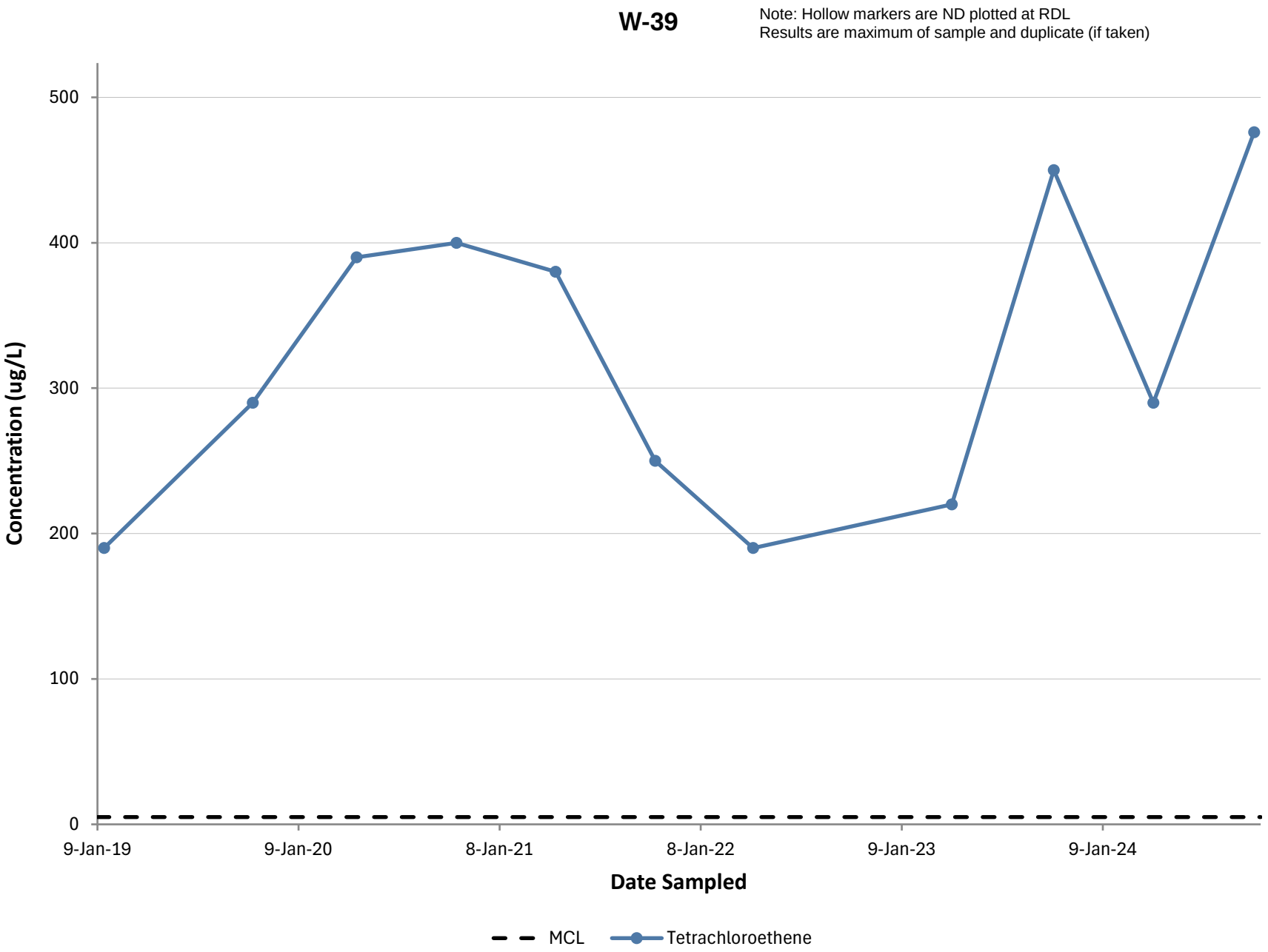


W-37

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

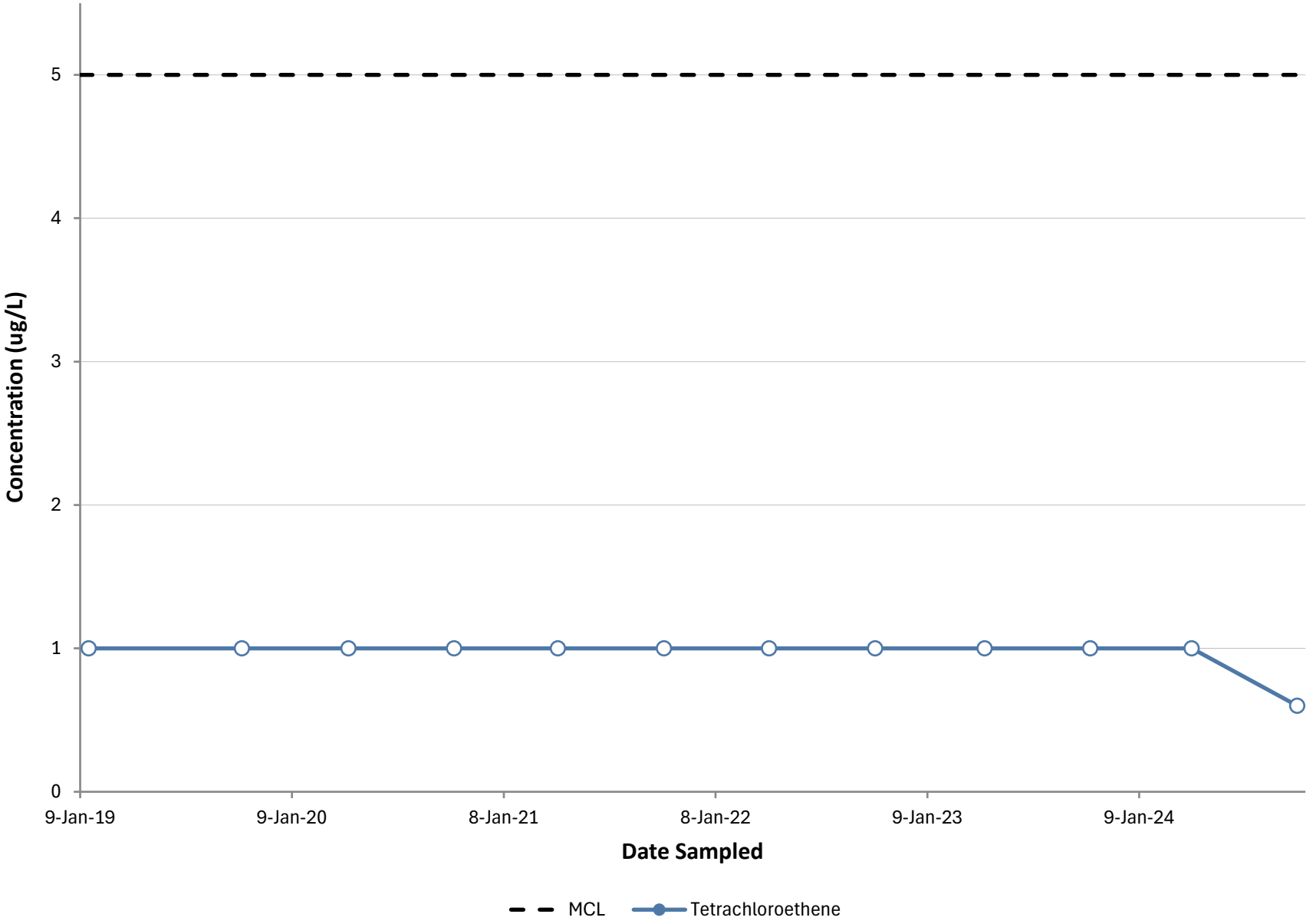


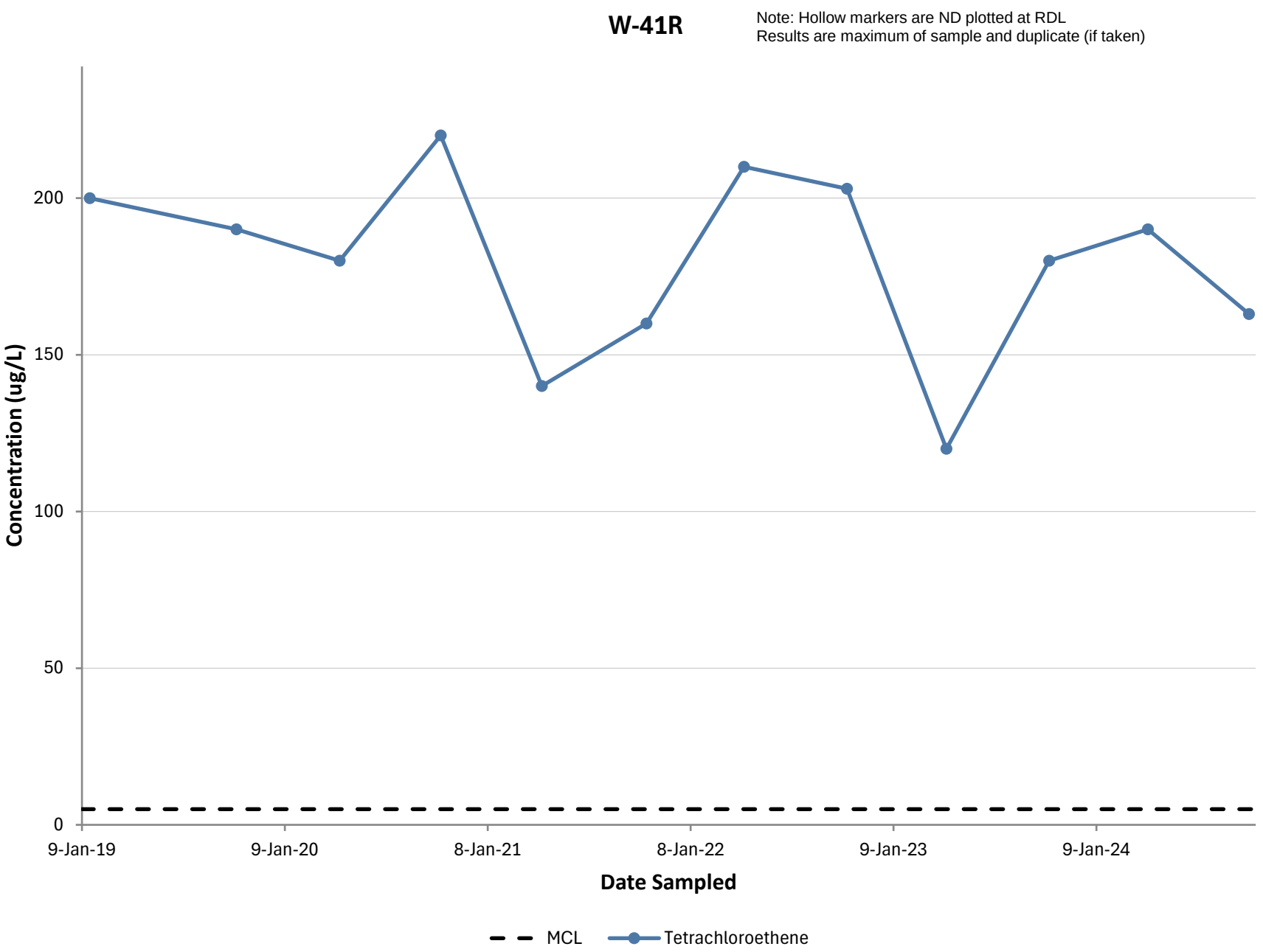

W-38
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-39
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
500
400
300
200
100
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

W-40

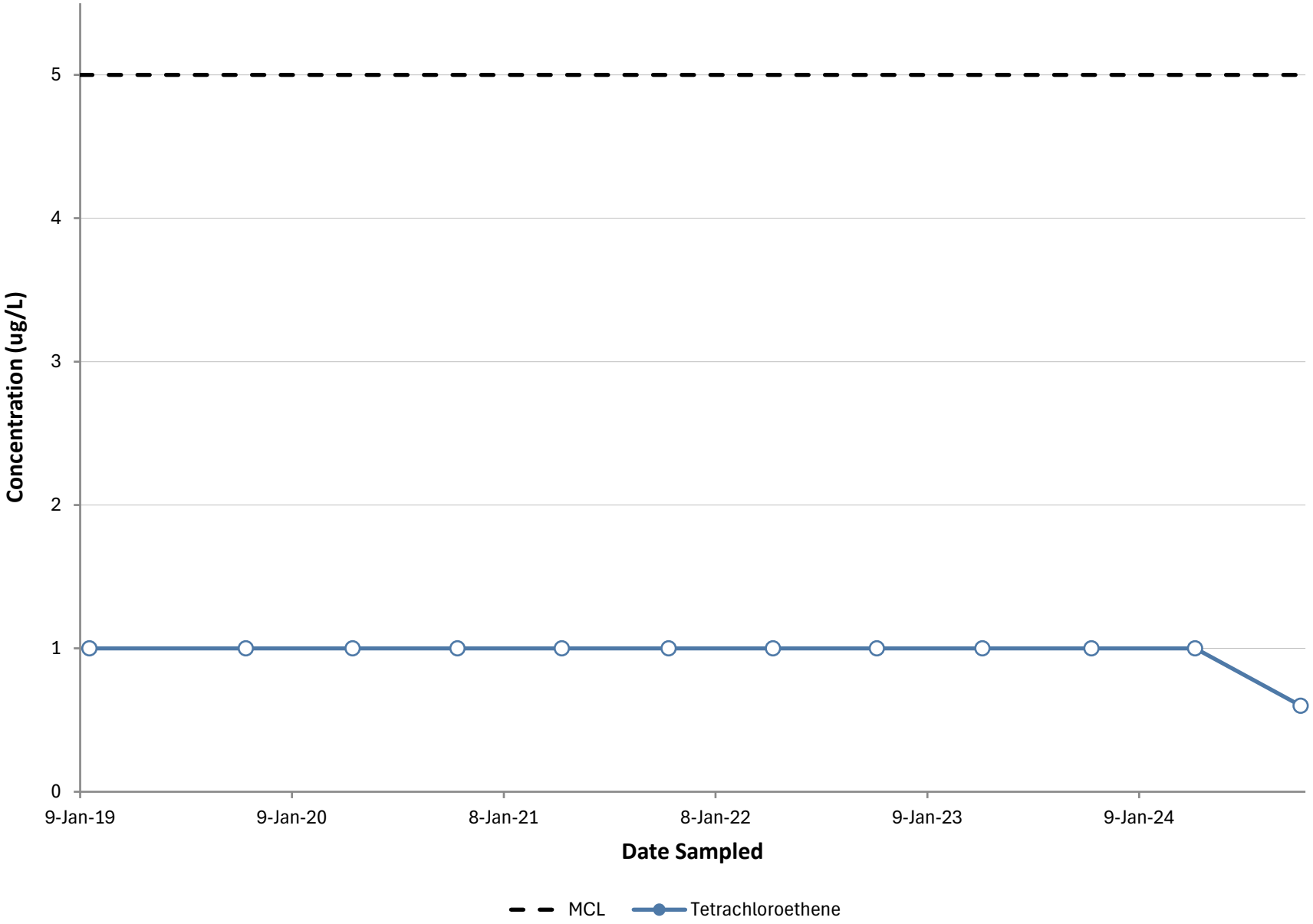
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-41R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
200
150
100
50
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

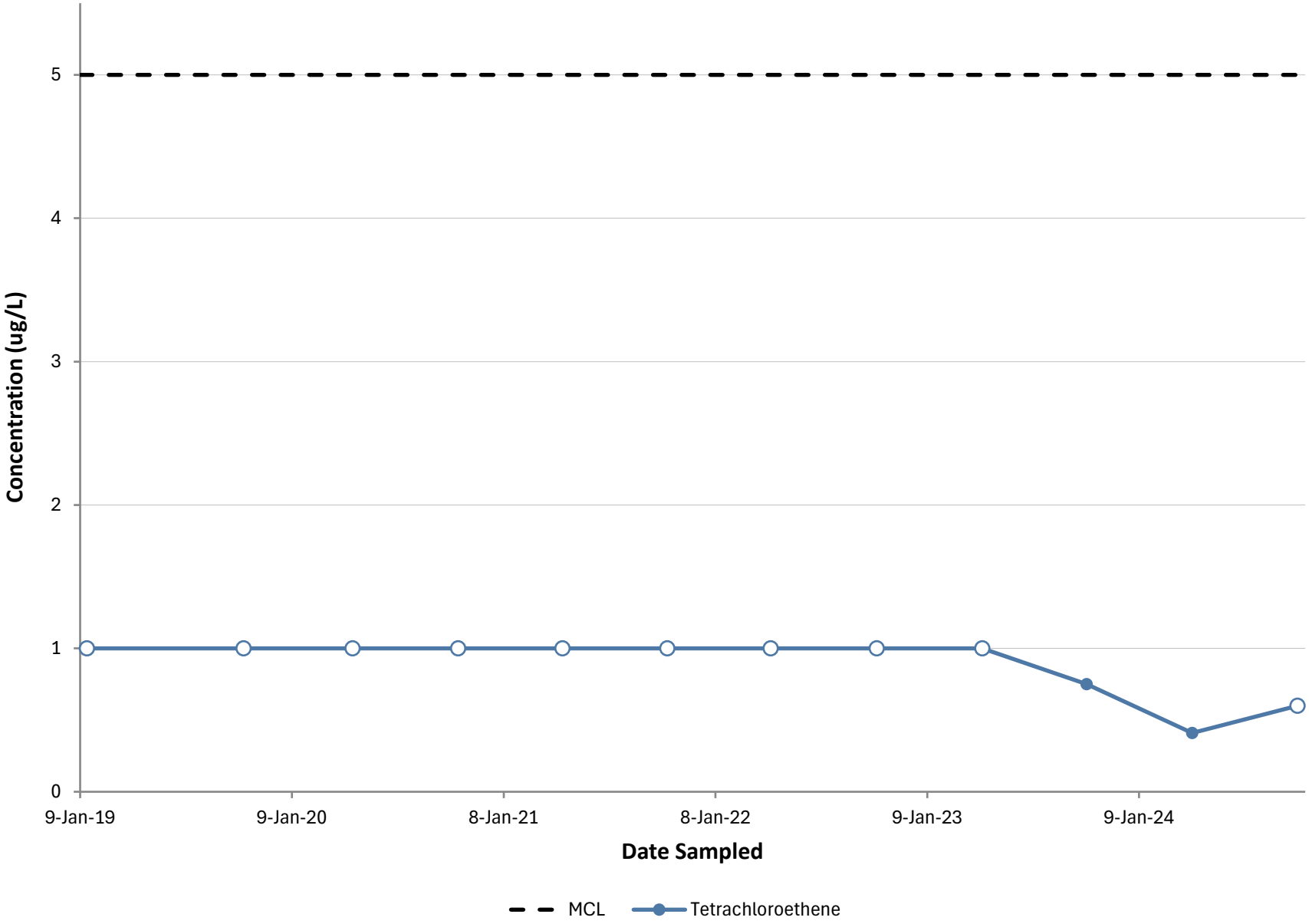
W-42

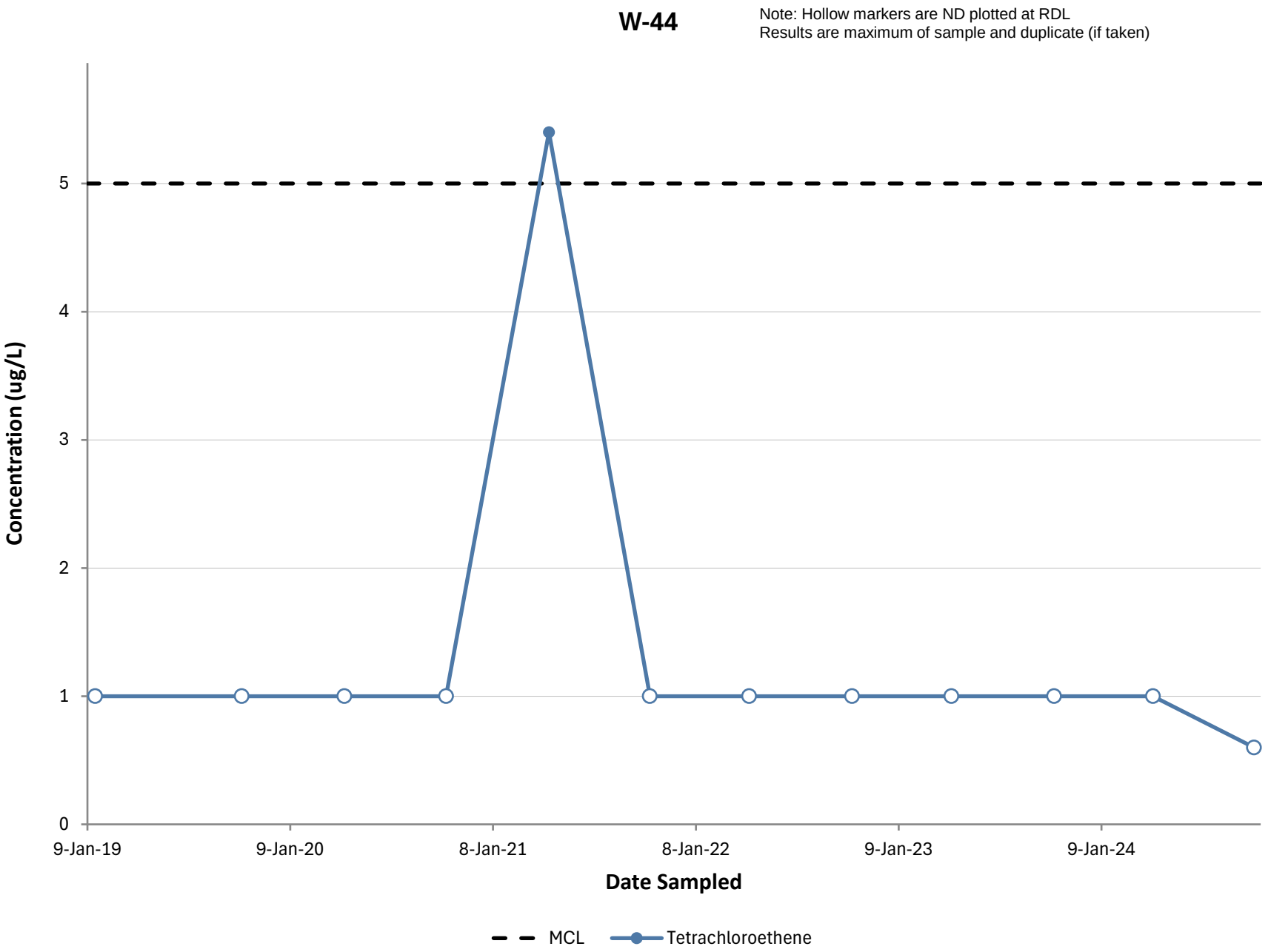
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

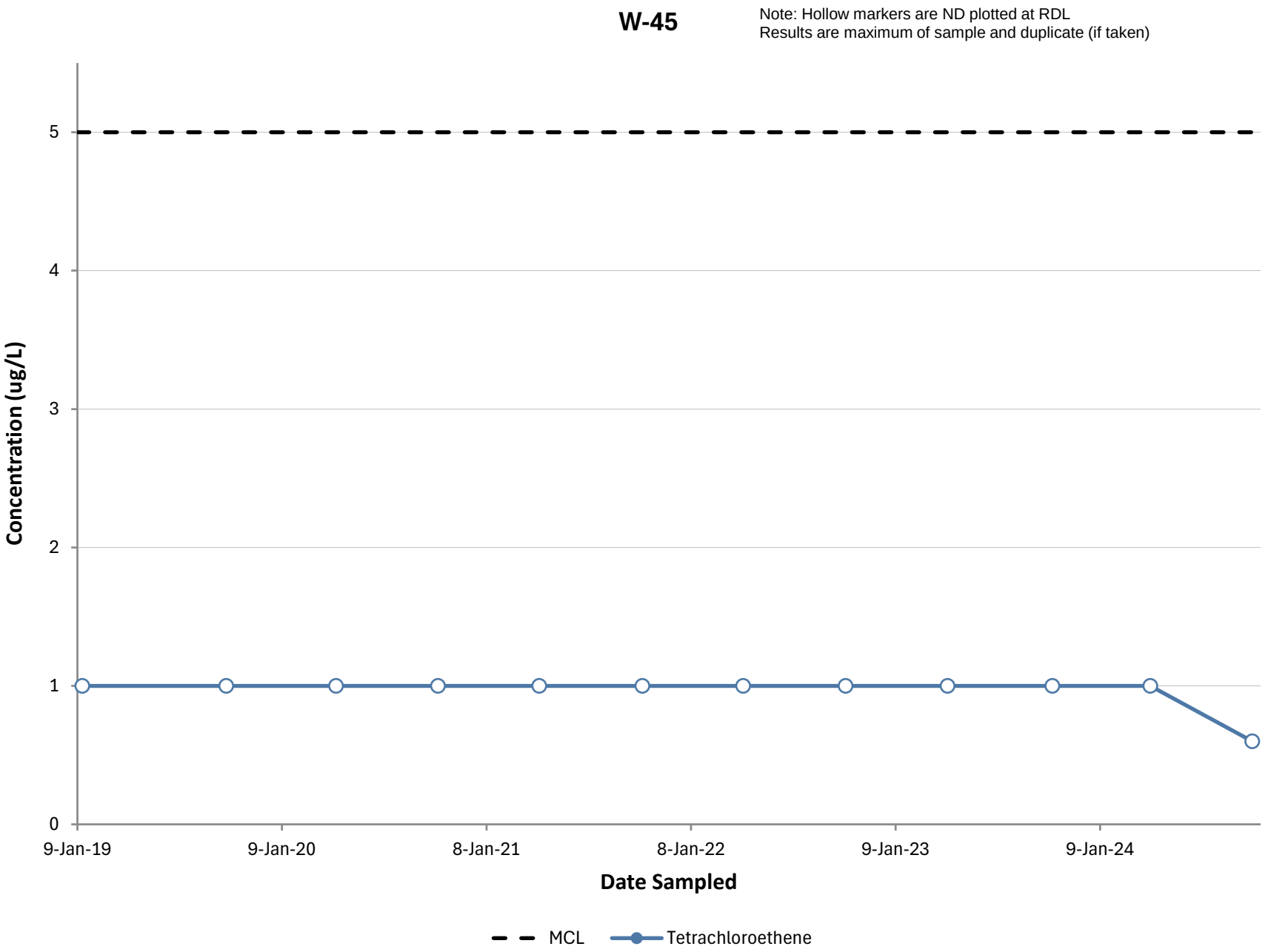


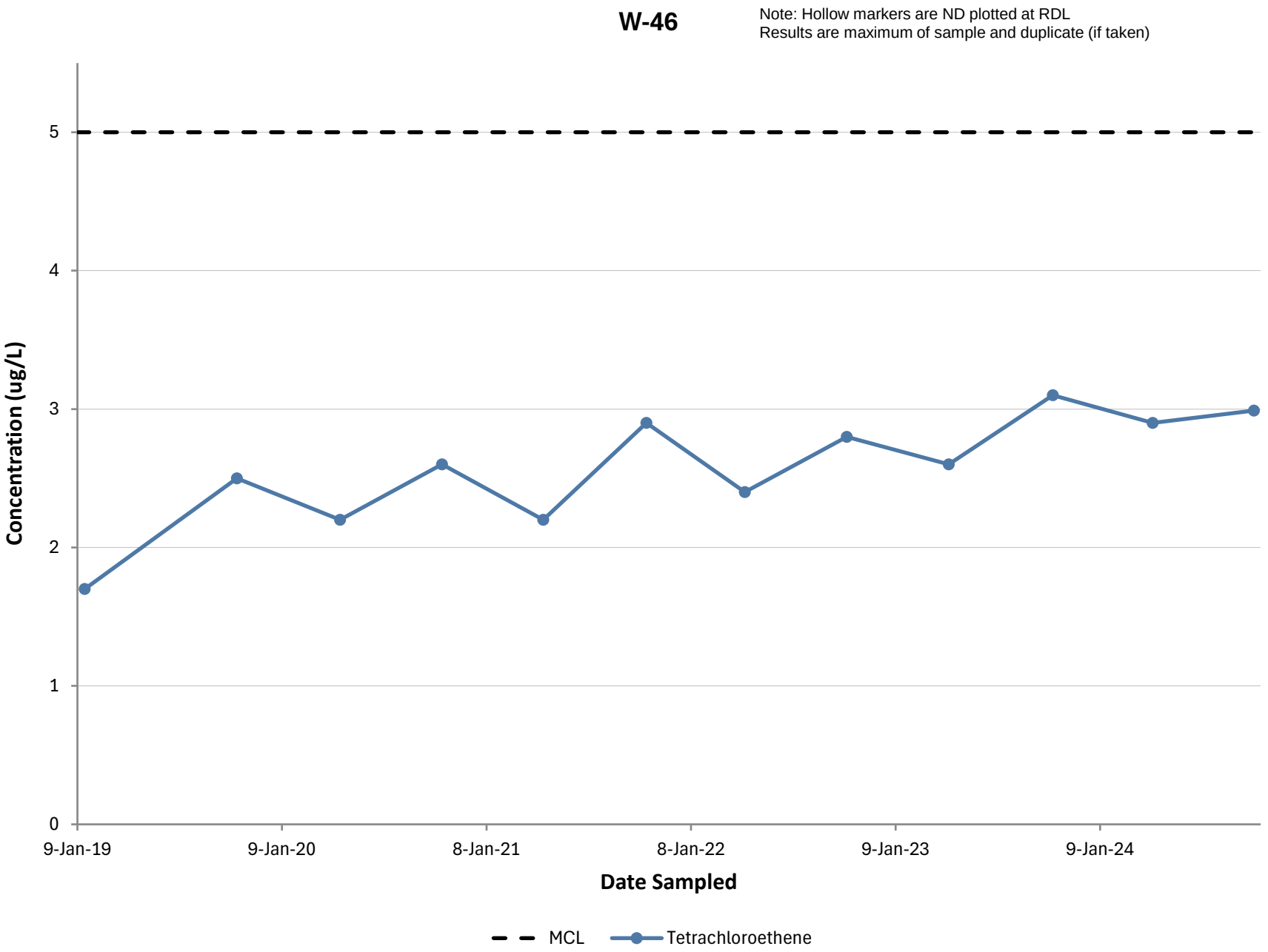
W-43

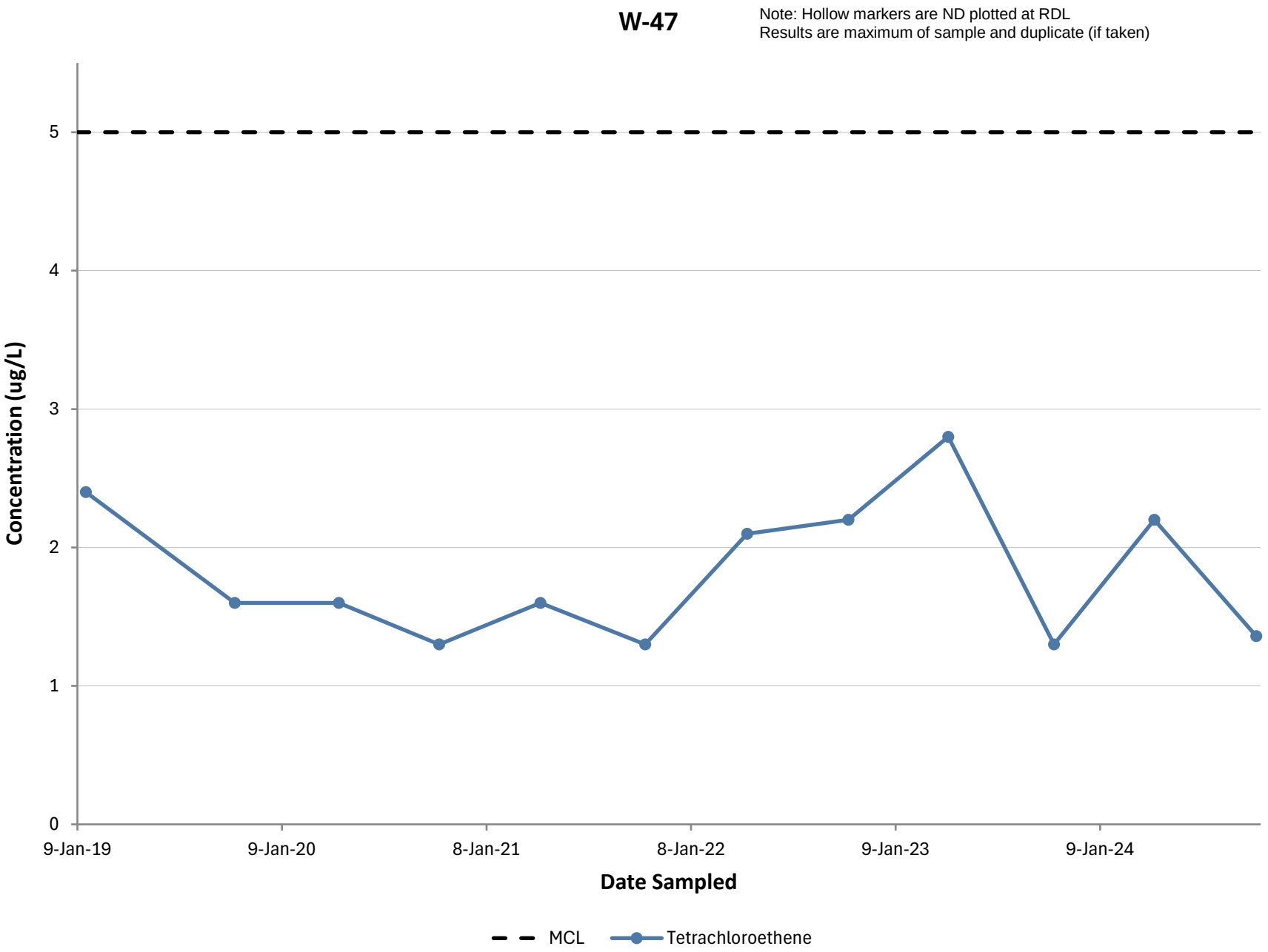
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

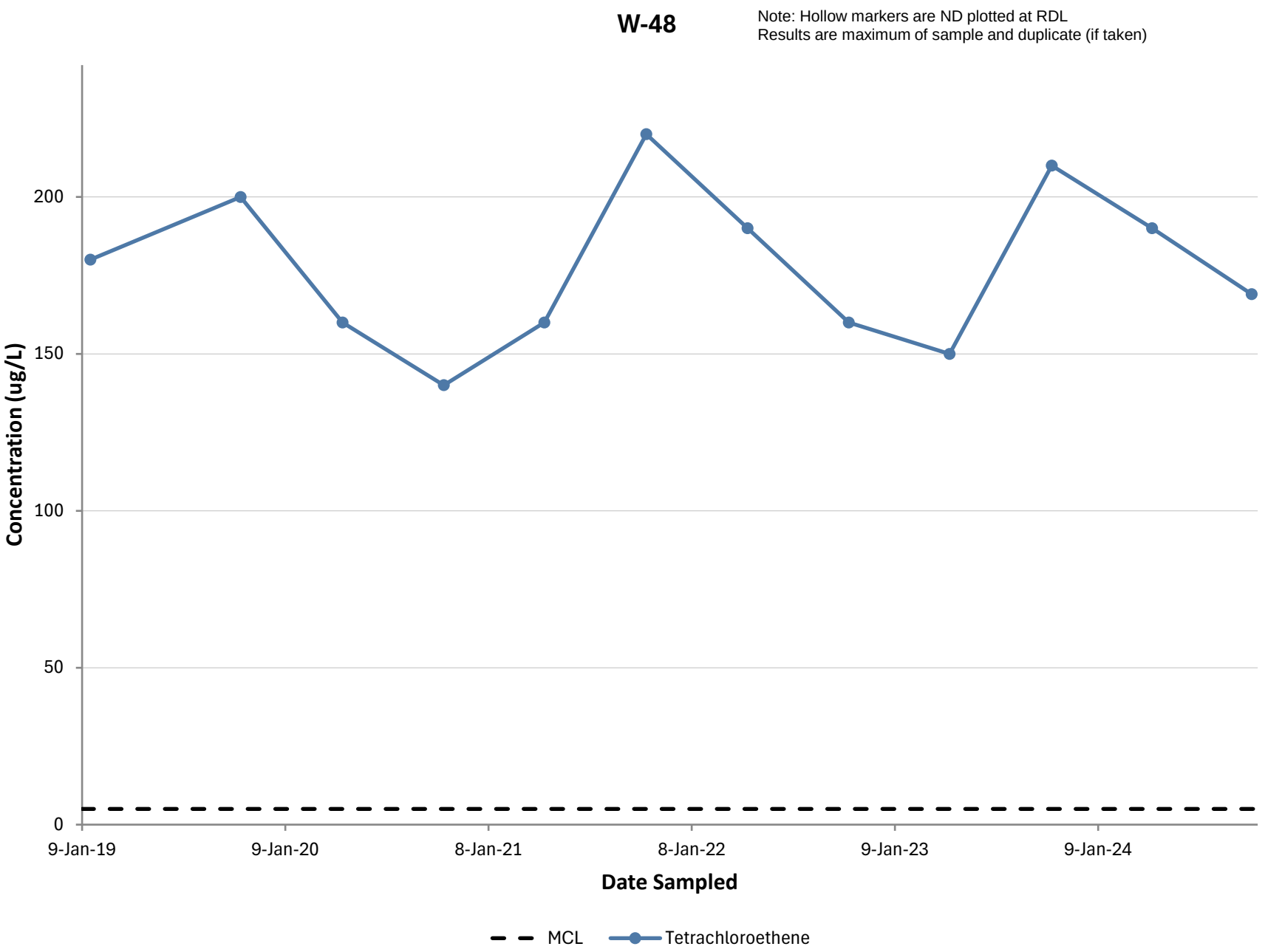



W-44
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-45
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

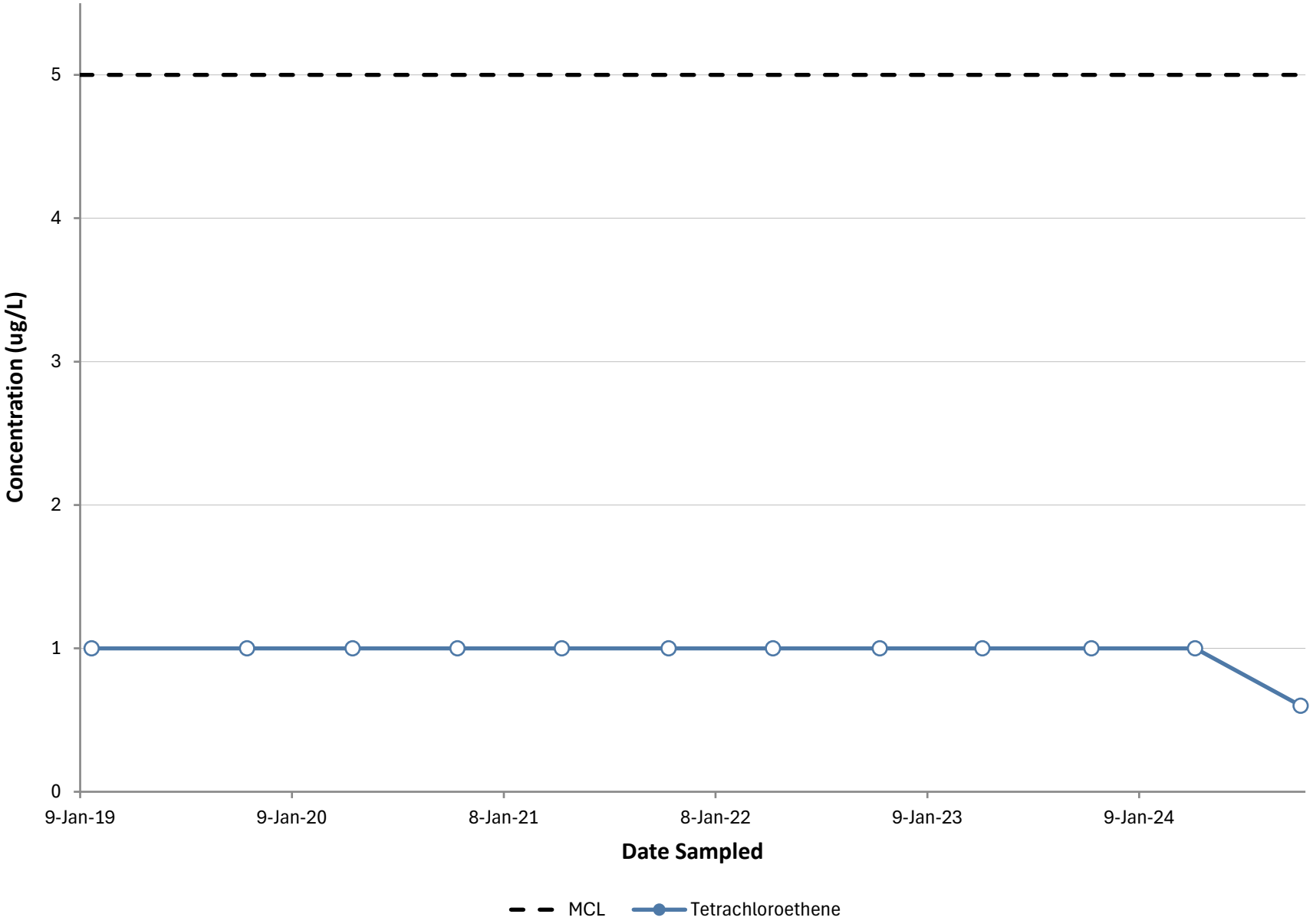

W-46
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-47
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-48
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
200
150
100
50
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

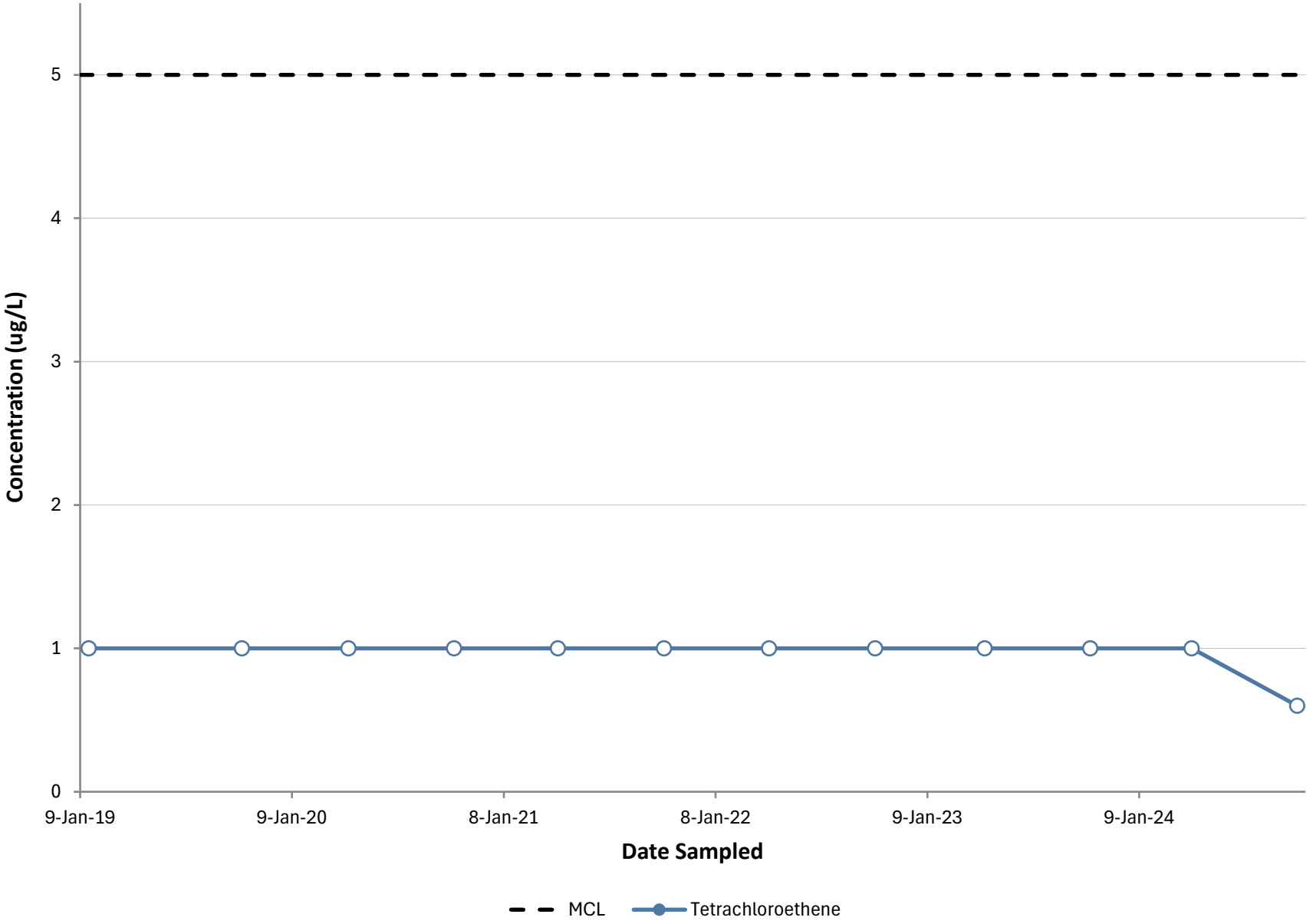
W-49

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



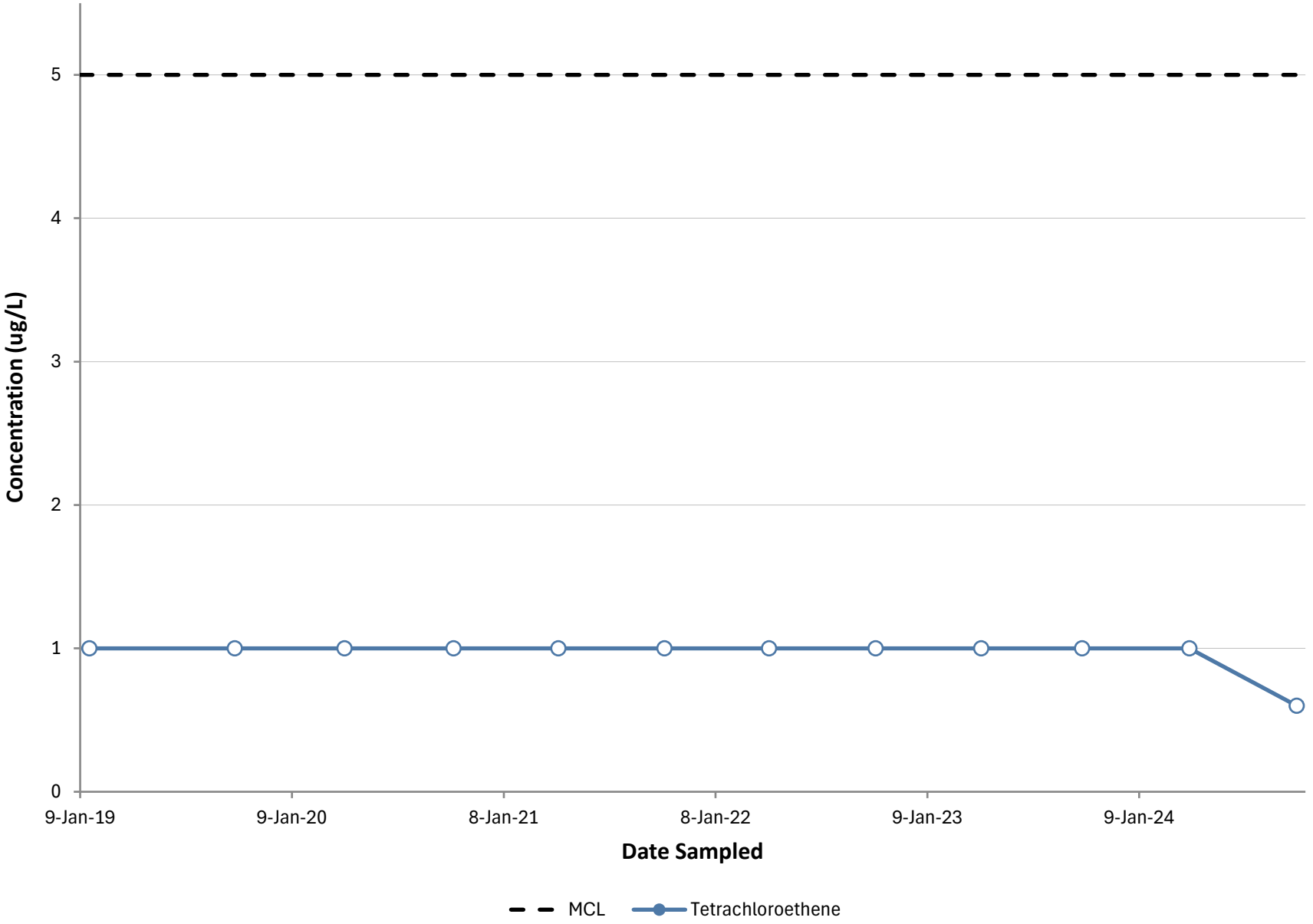
W-50

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



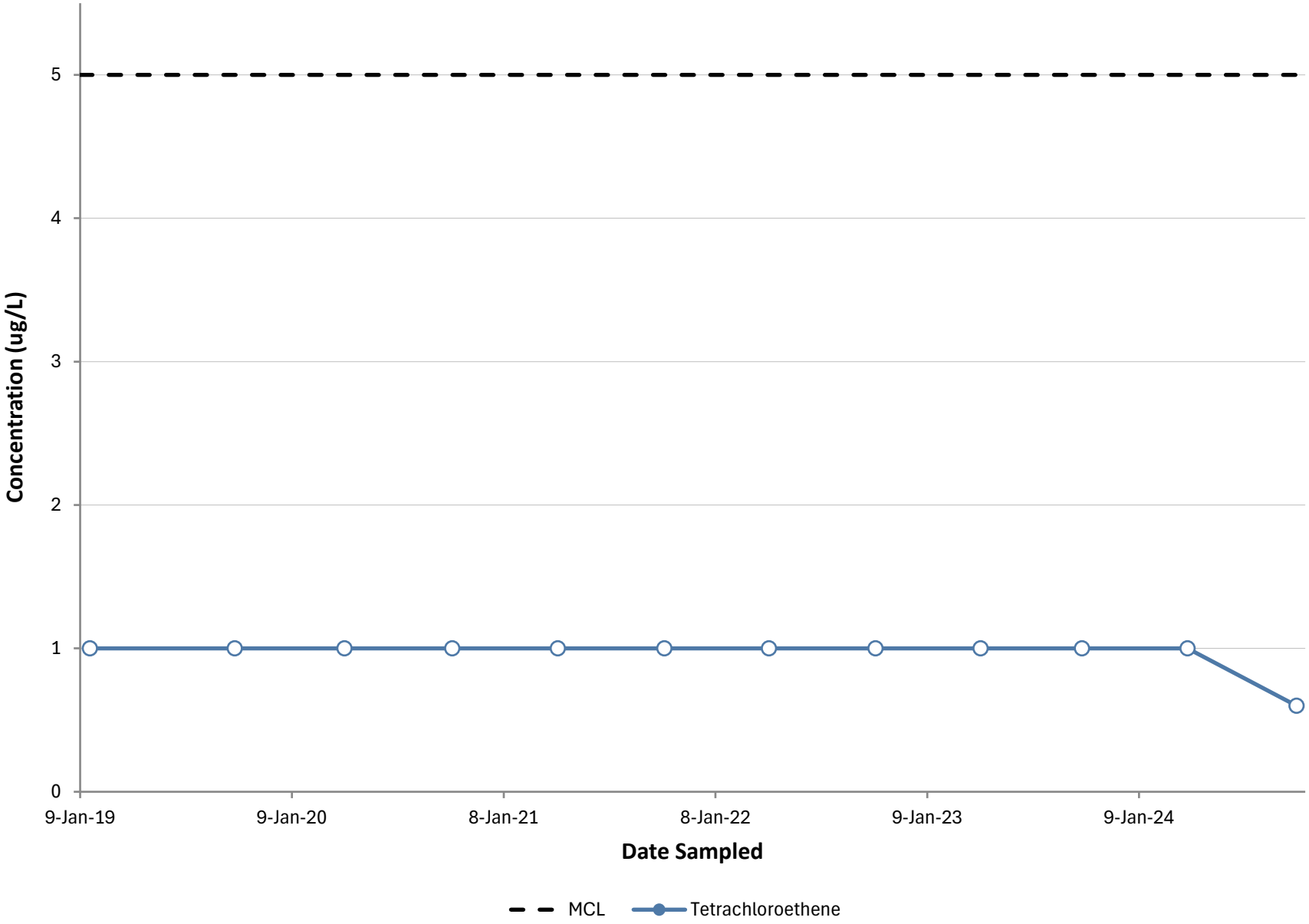
W-51

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



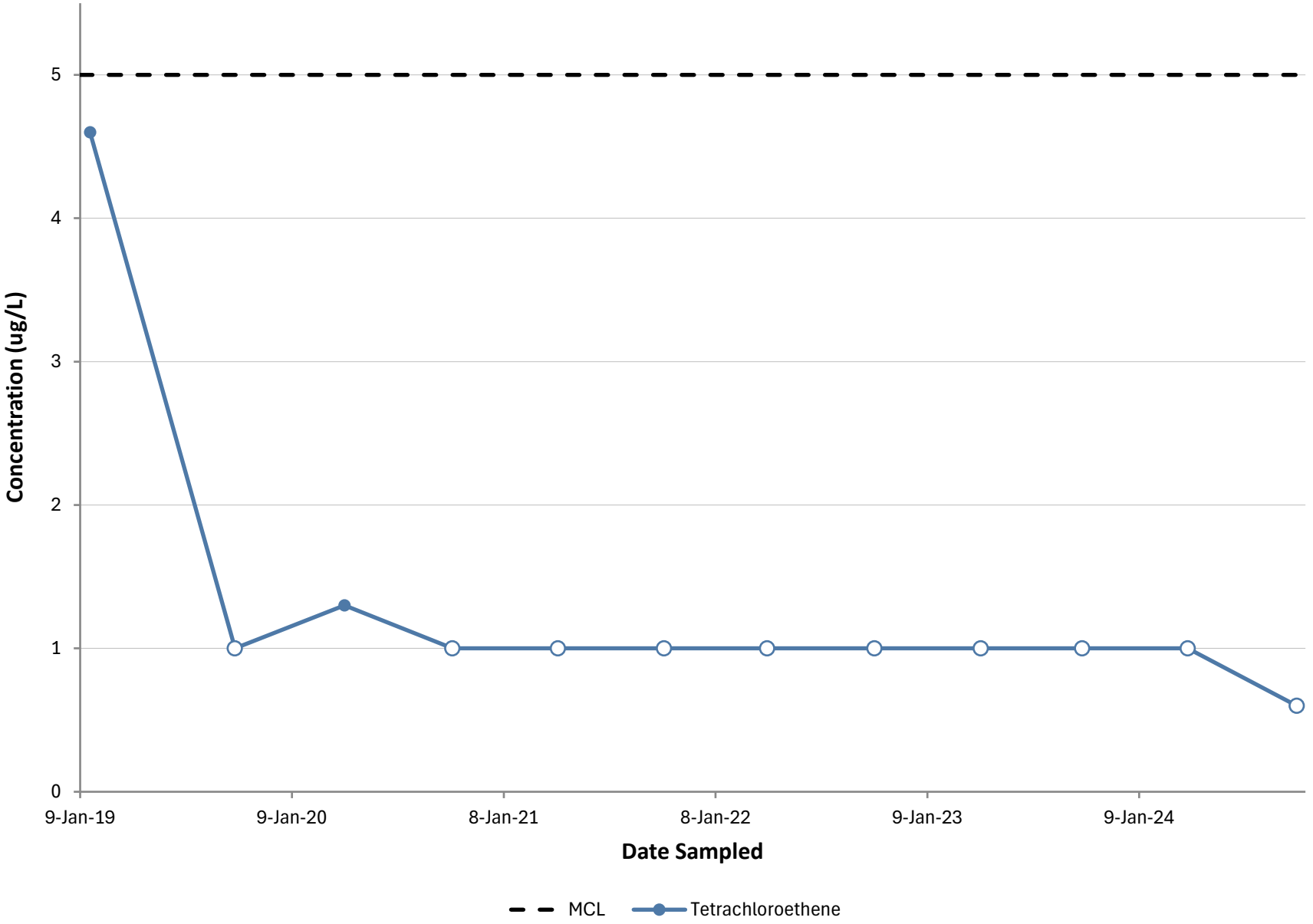
W-52

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



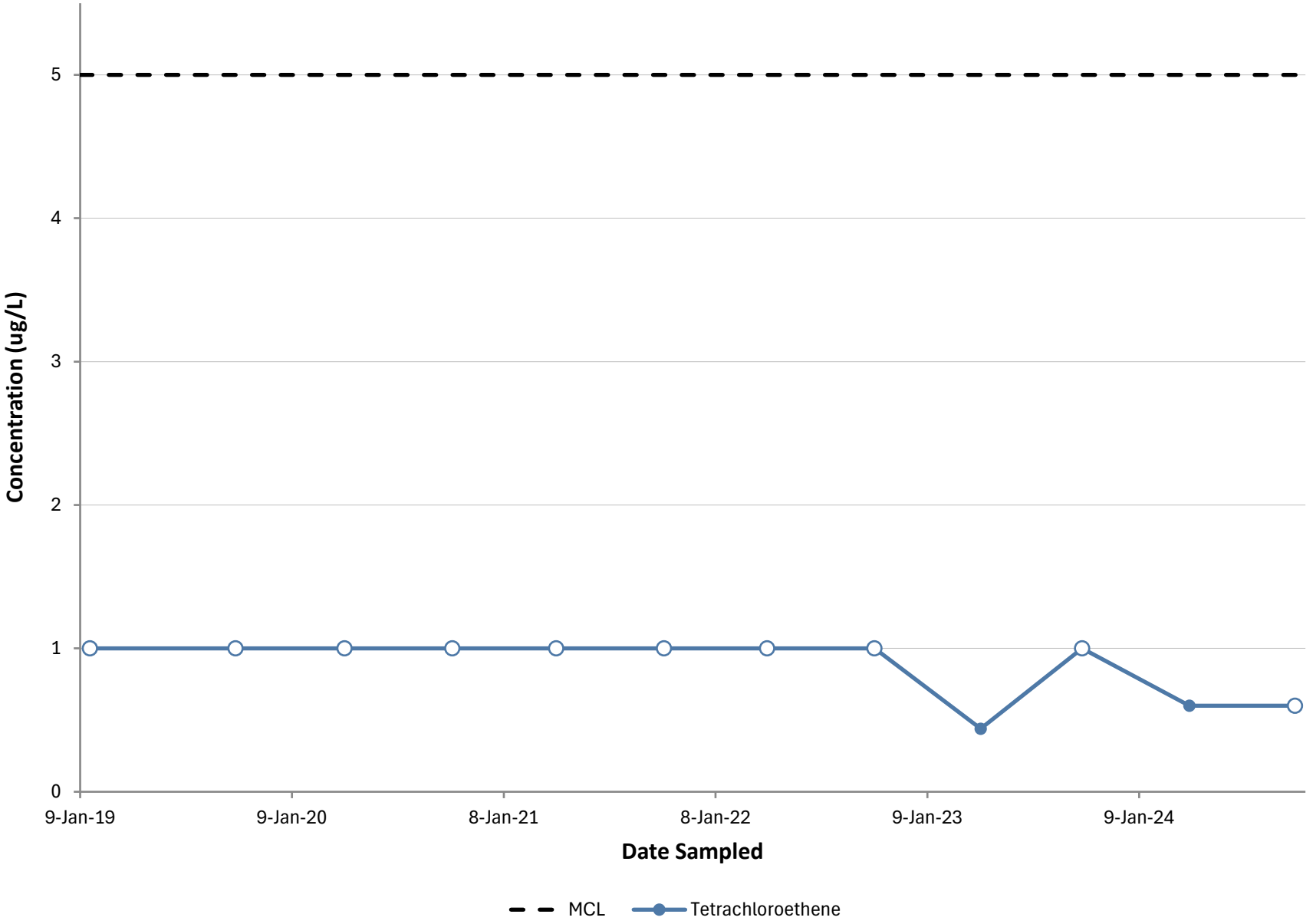
W-53

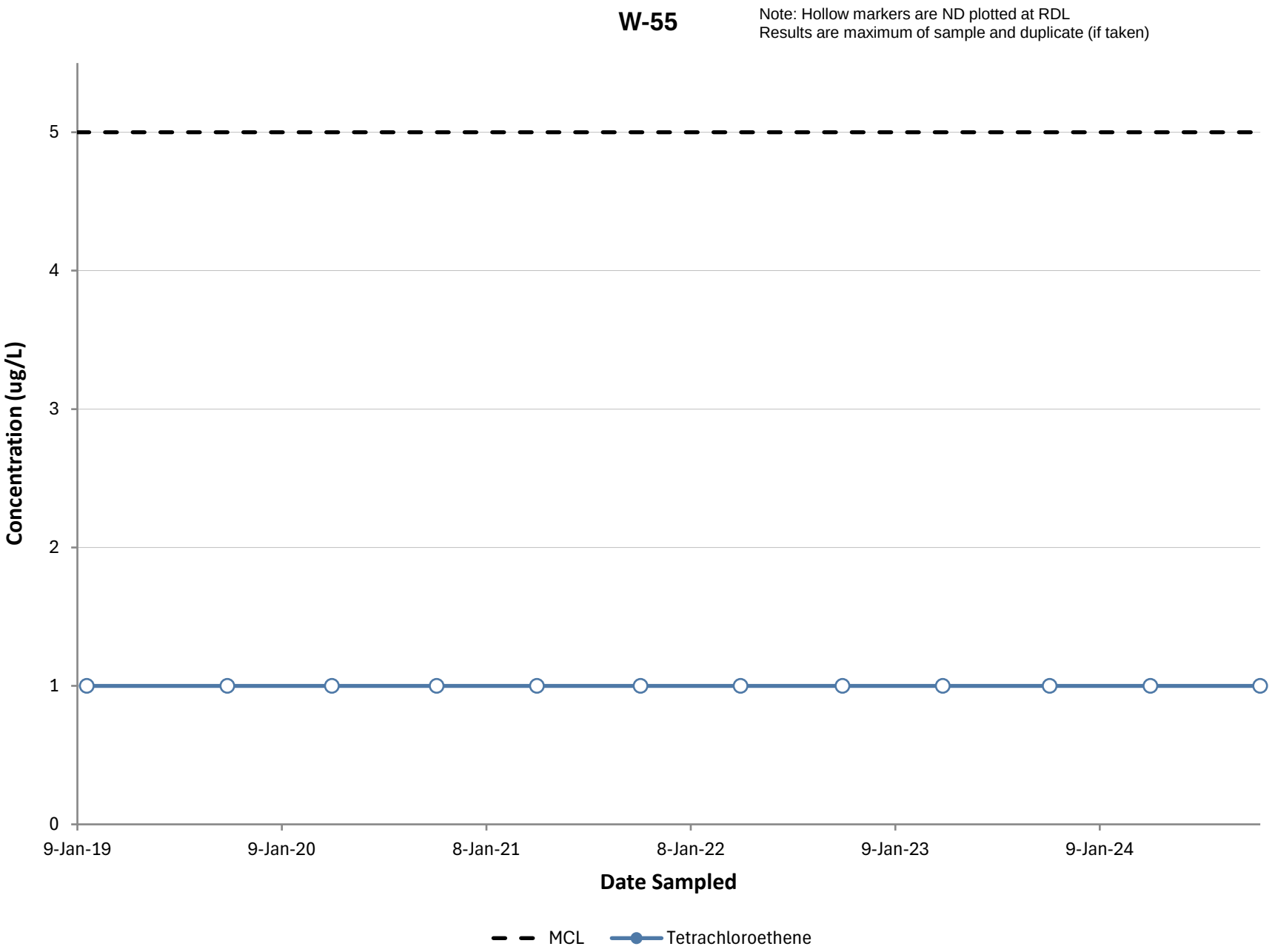
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-54

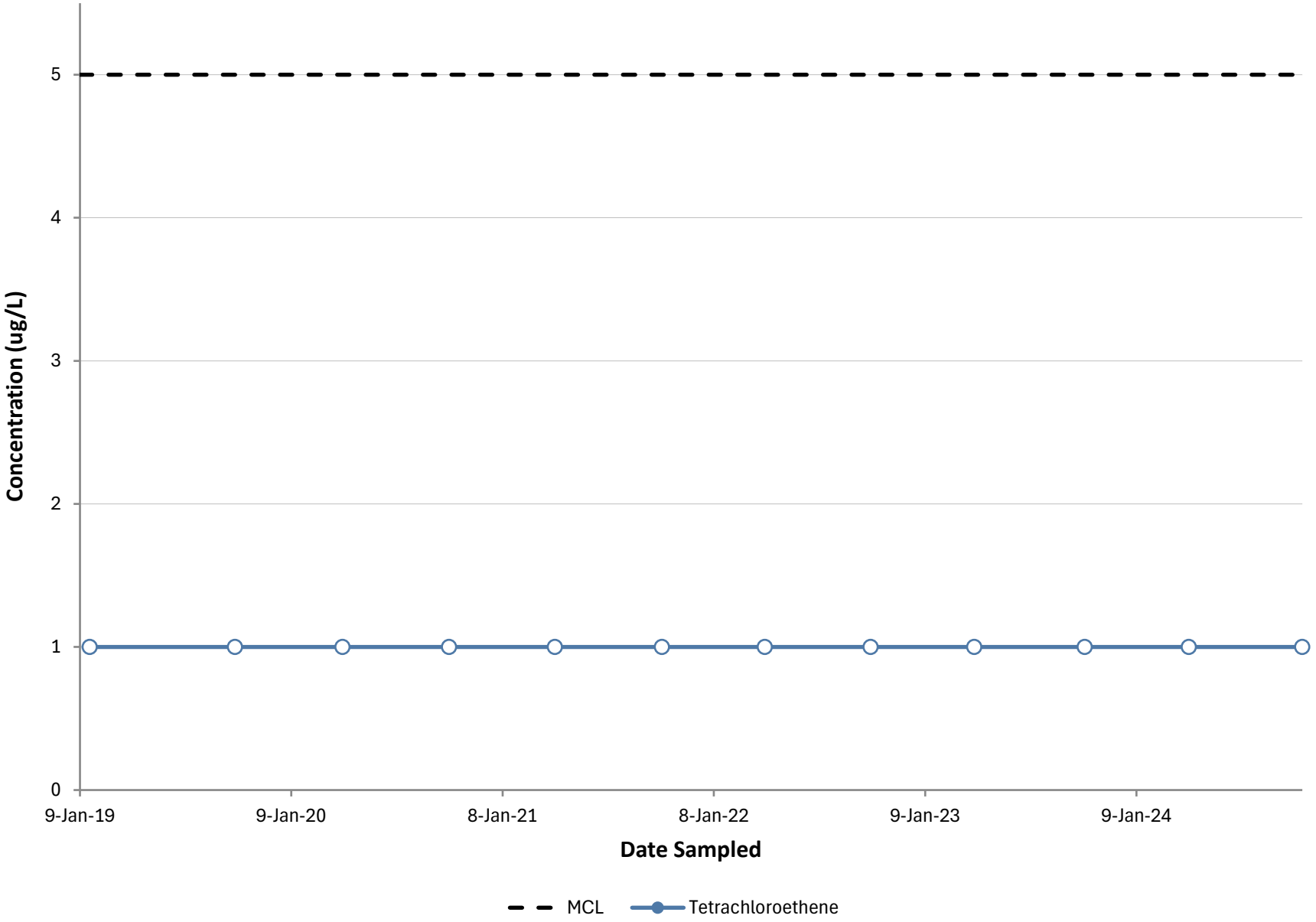
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-55
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

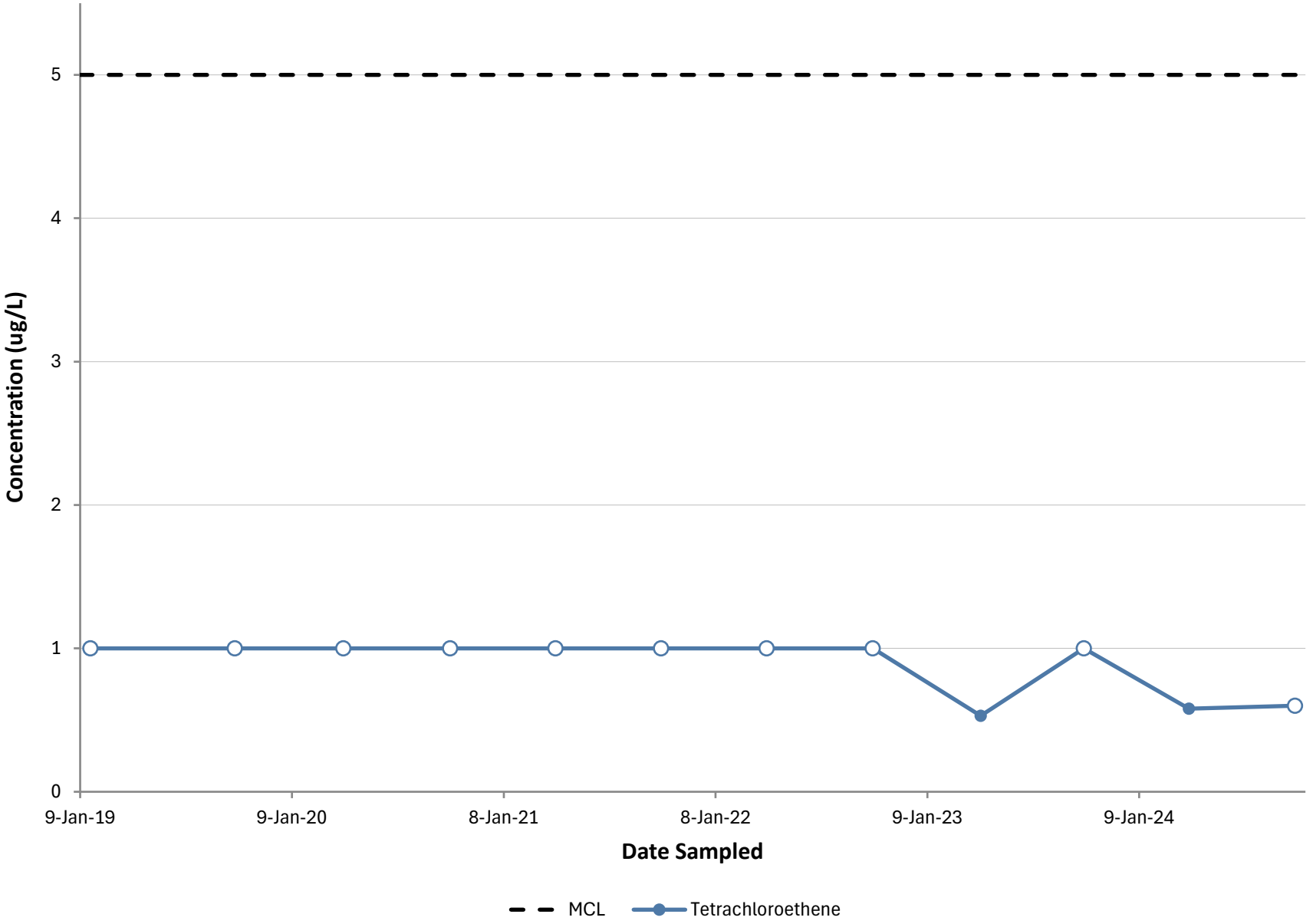
W-56

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



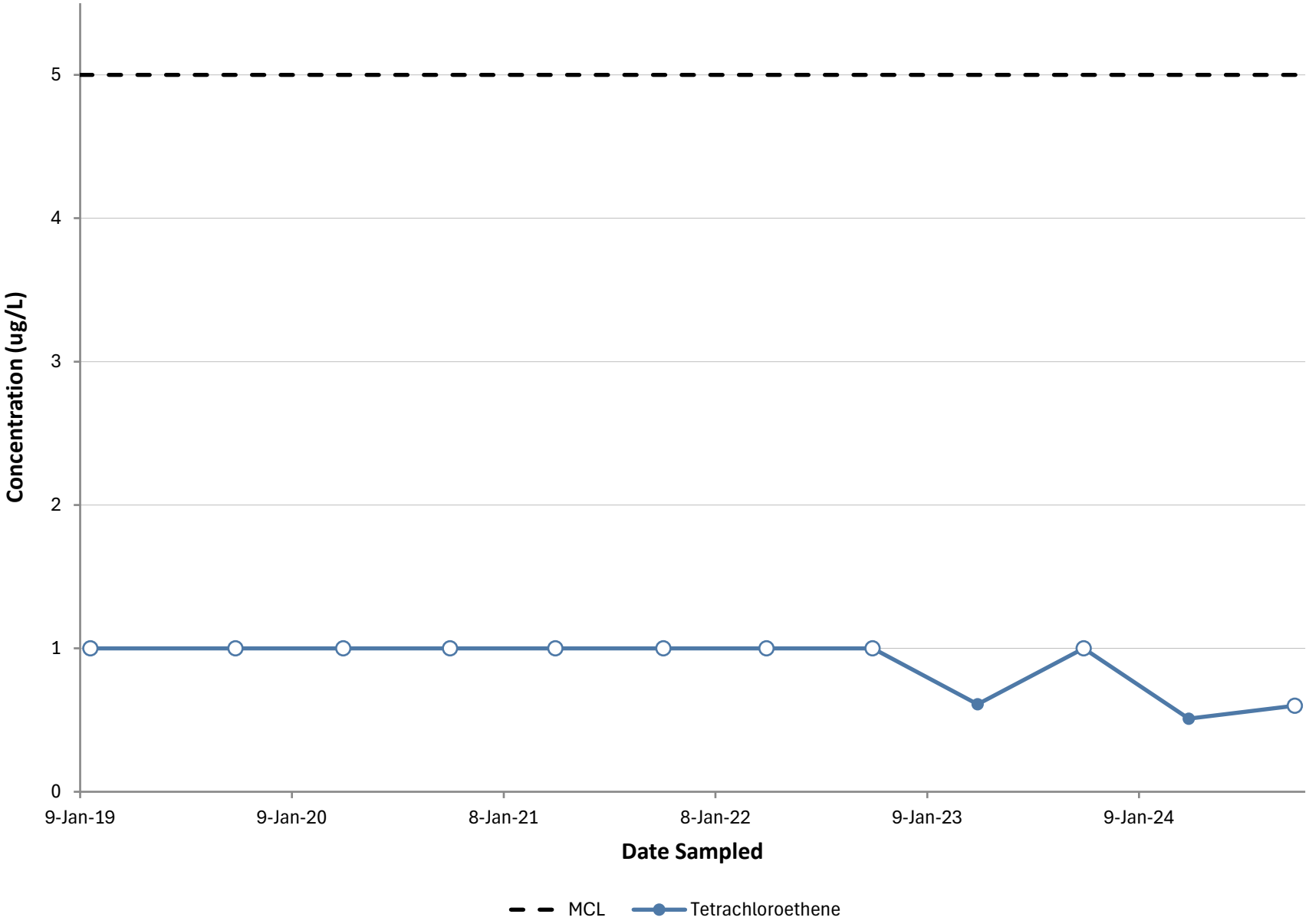
W-57

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



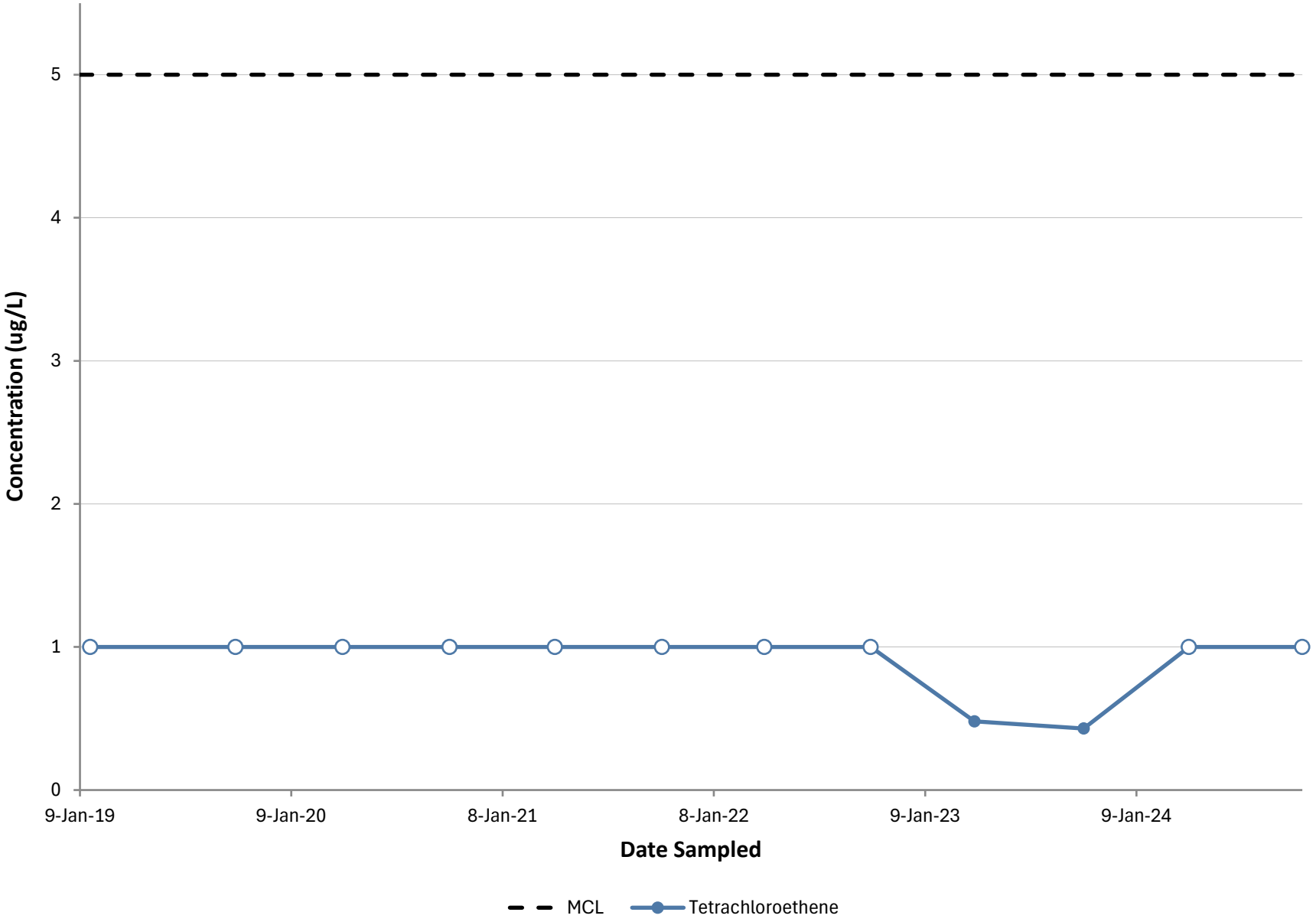
W-58

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



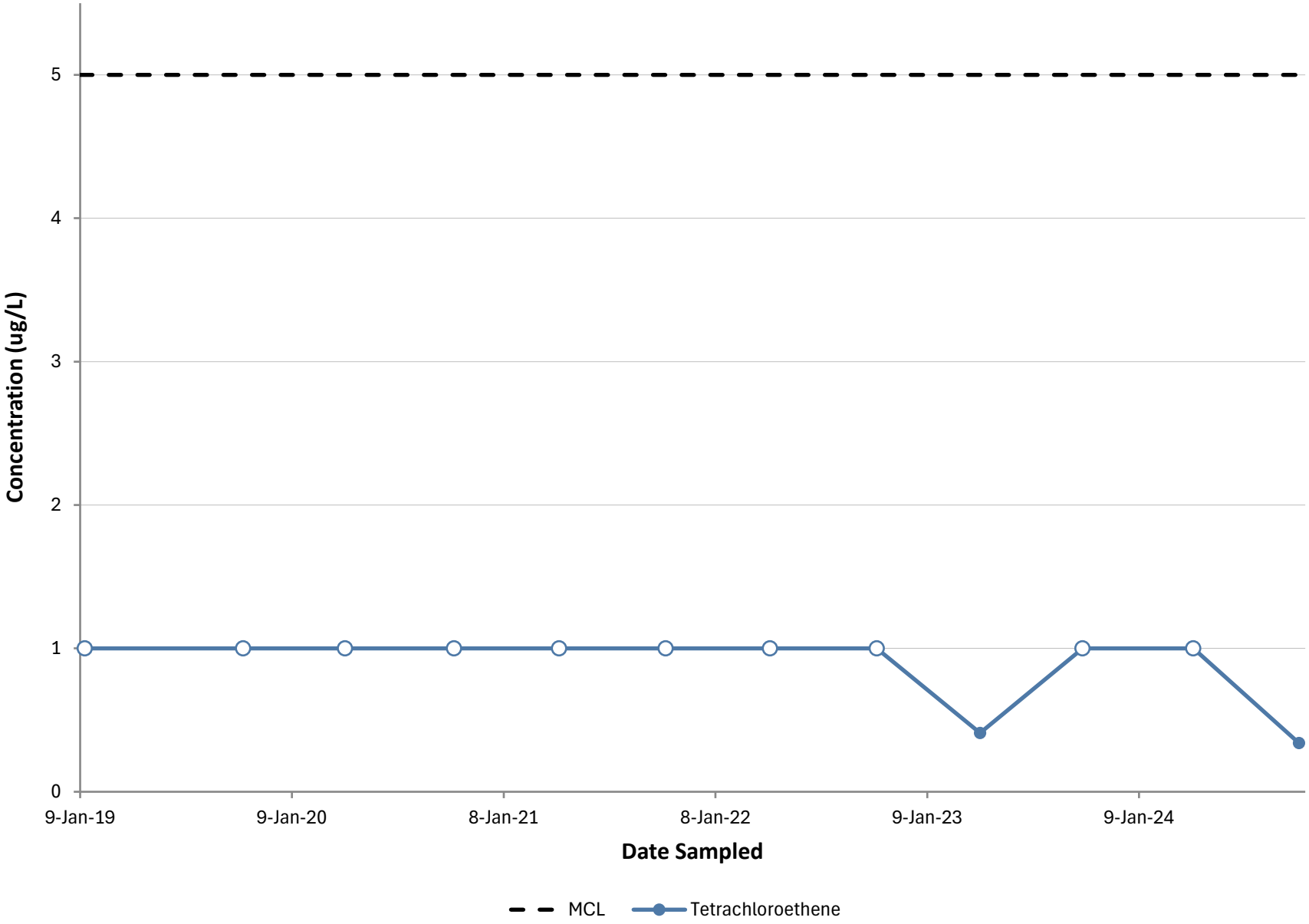
W-59

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



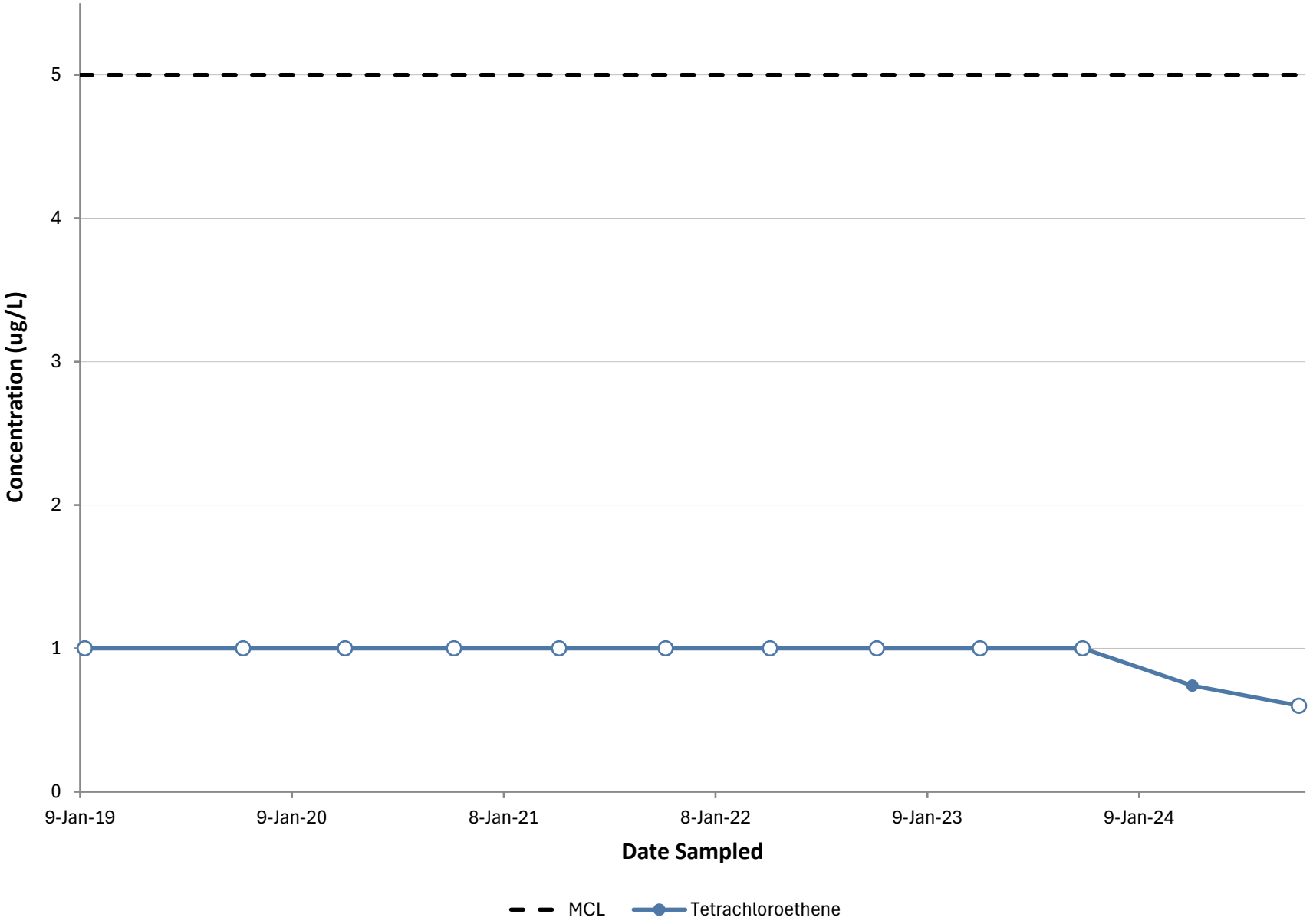
W-60

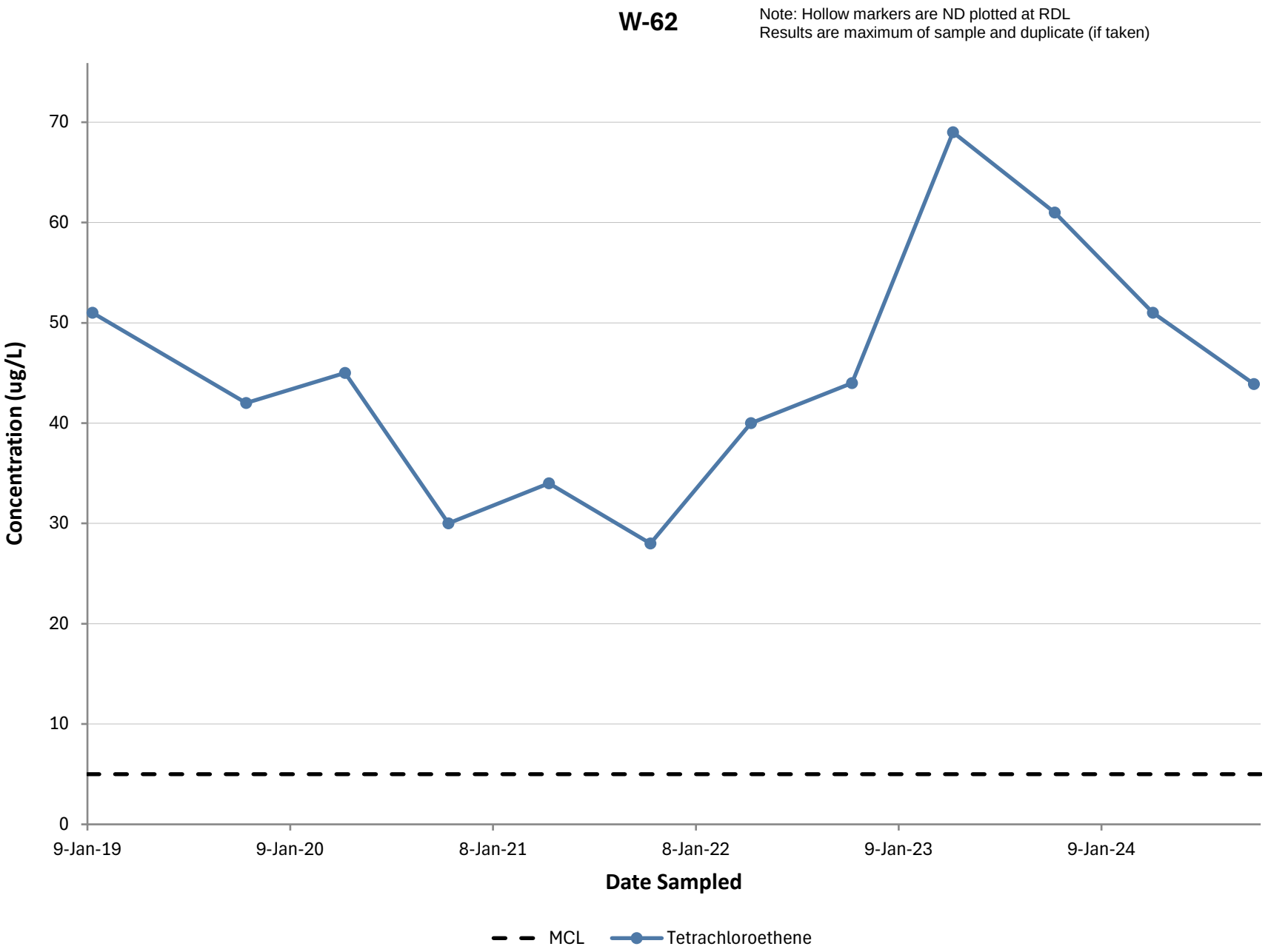
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

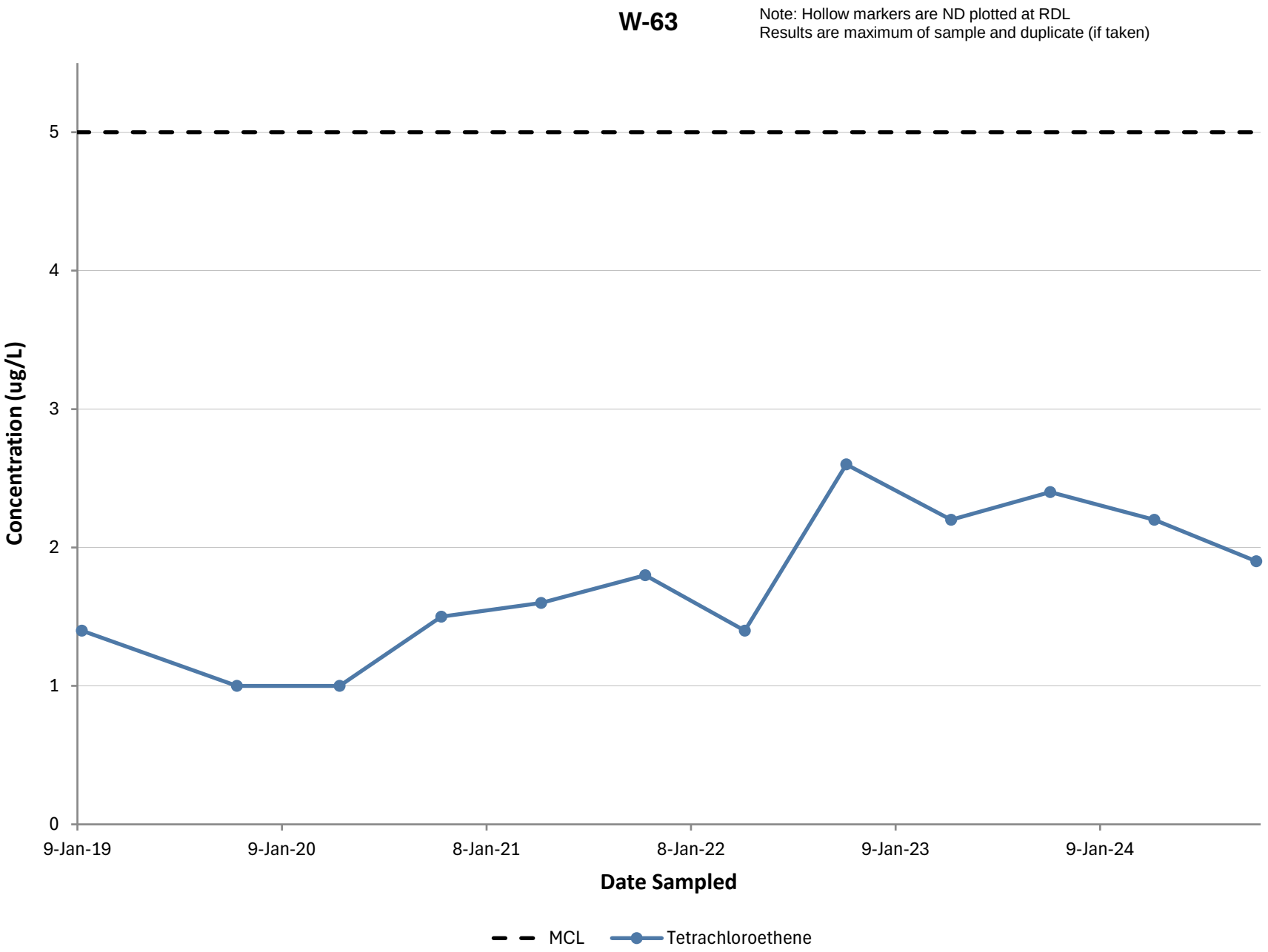


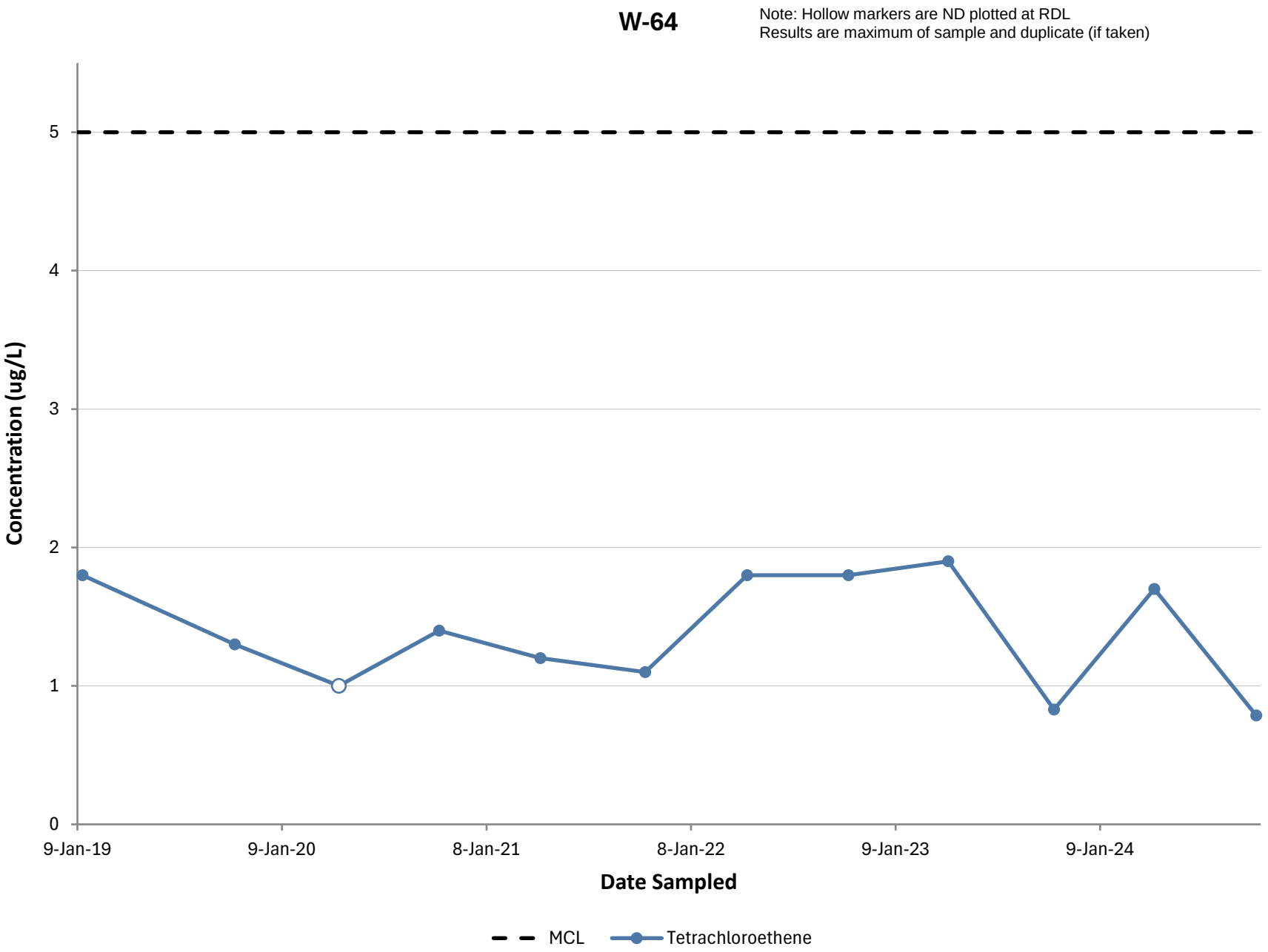
W-61

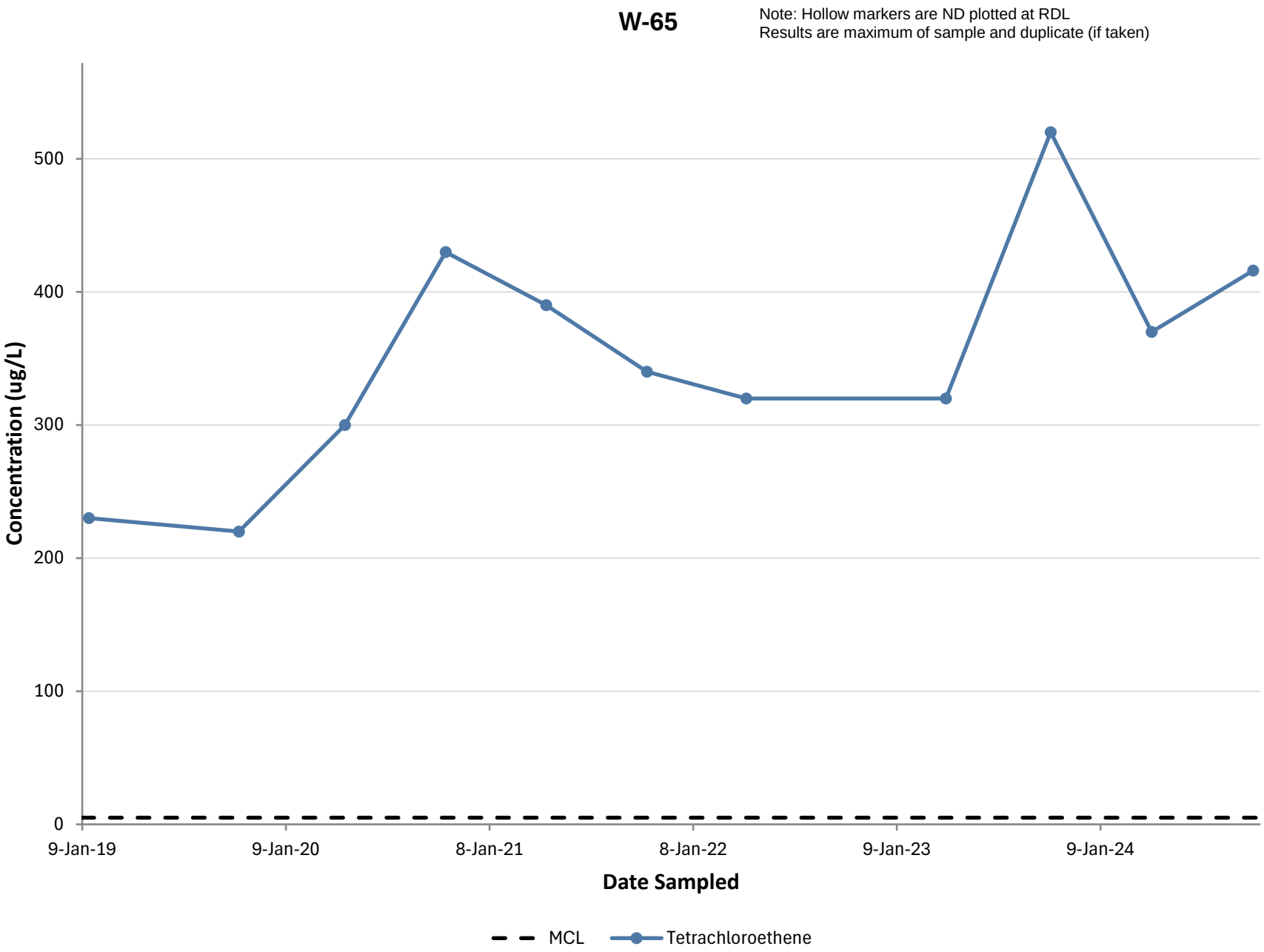
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

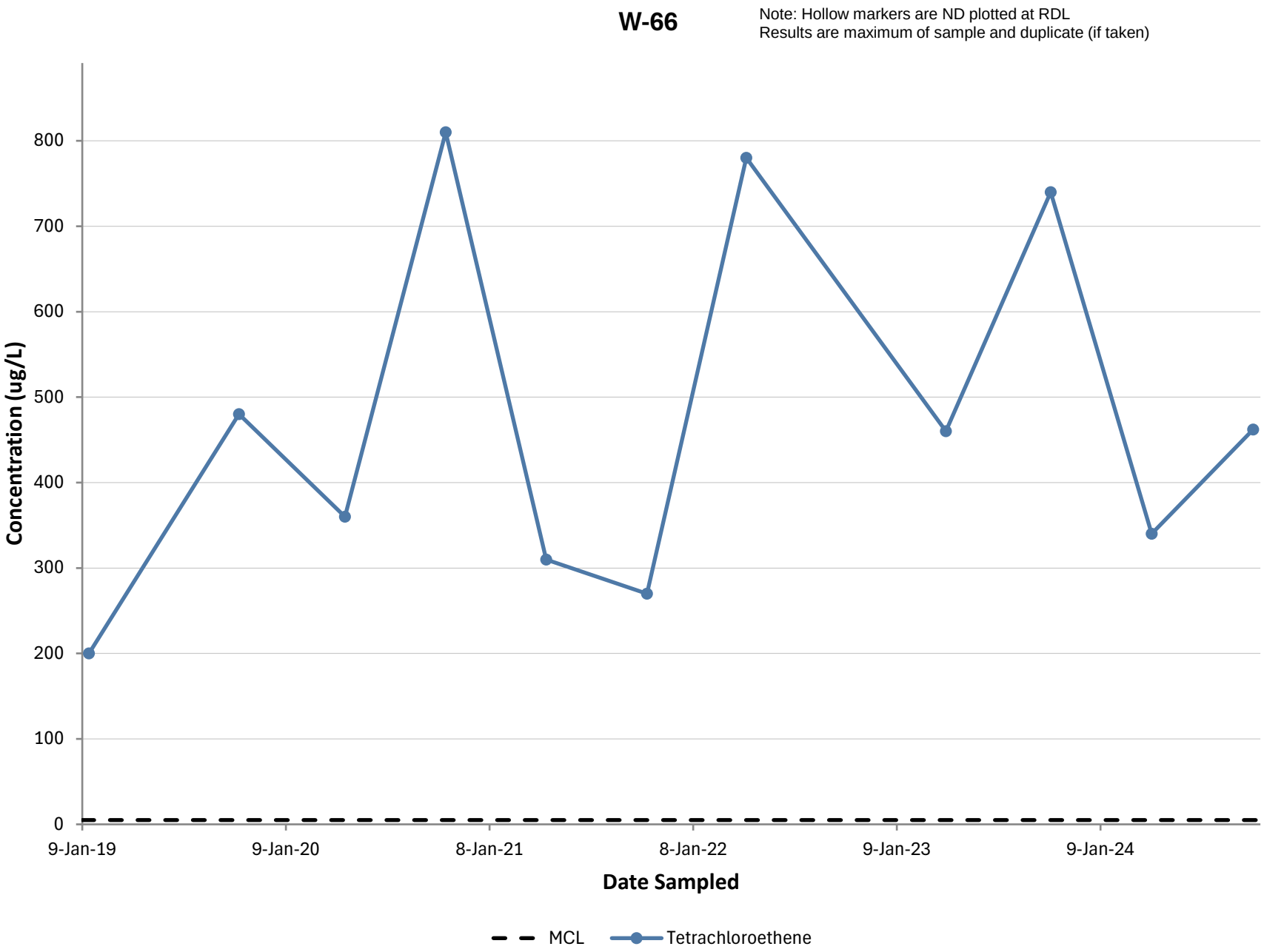


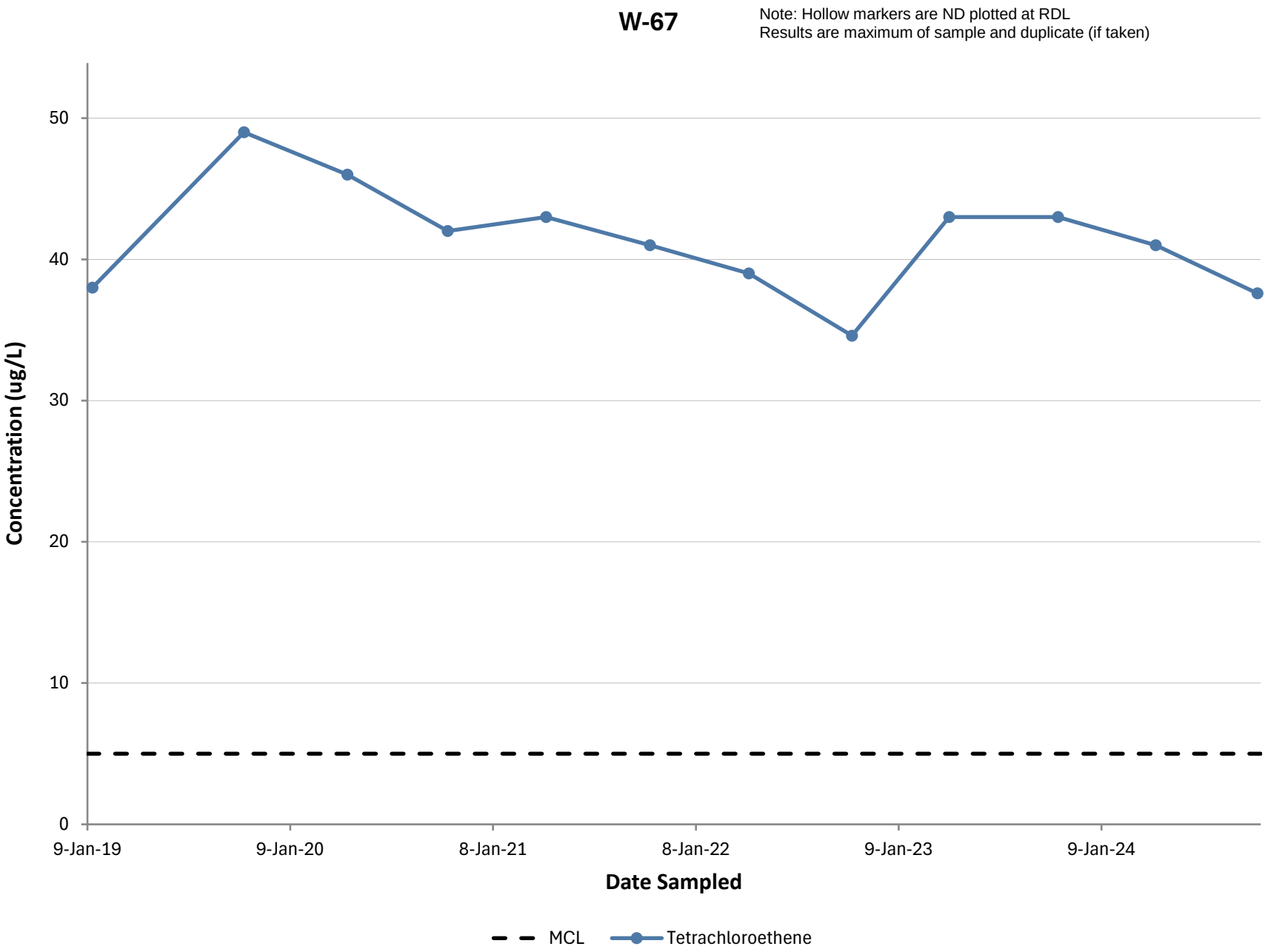

W-62
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
70
60
50
40
30
20
10
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-63
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-64
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

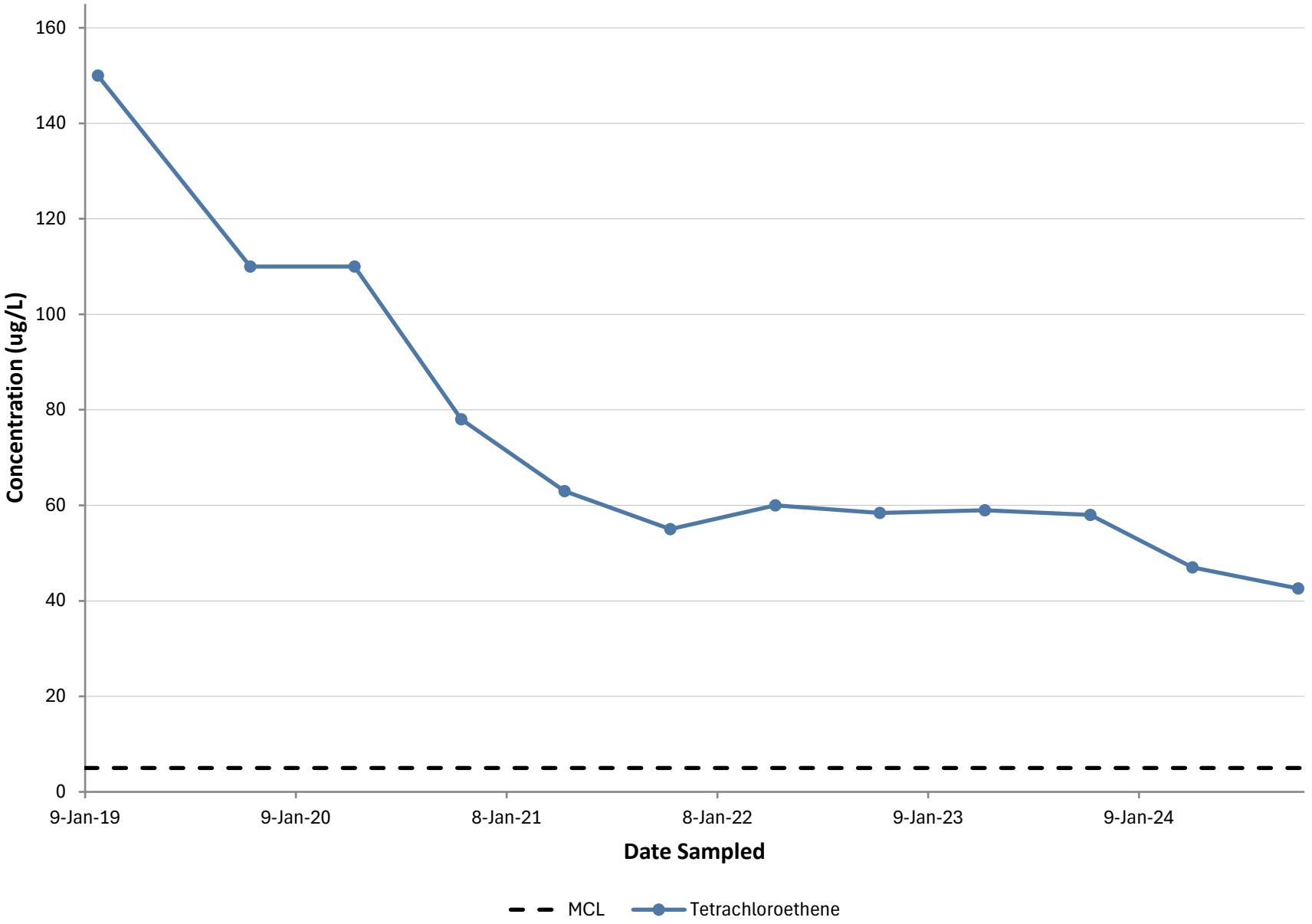

W-65
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
500
400
300
200
100
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-66
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
800
700
600
500
400
300
200
100
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-67
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
50
40
30
20
10
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

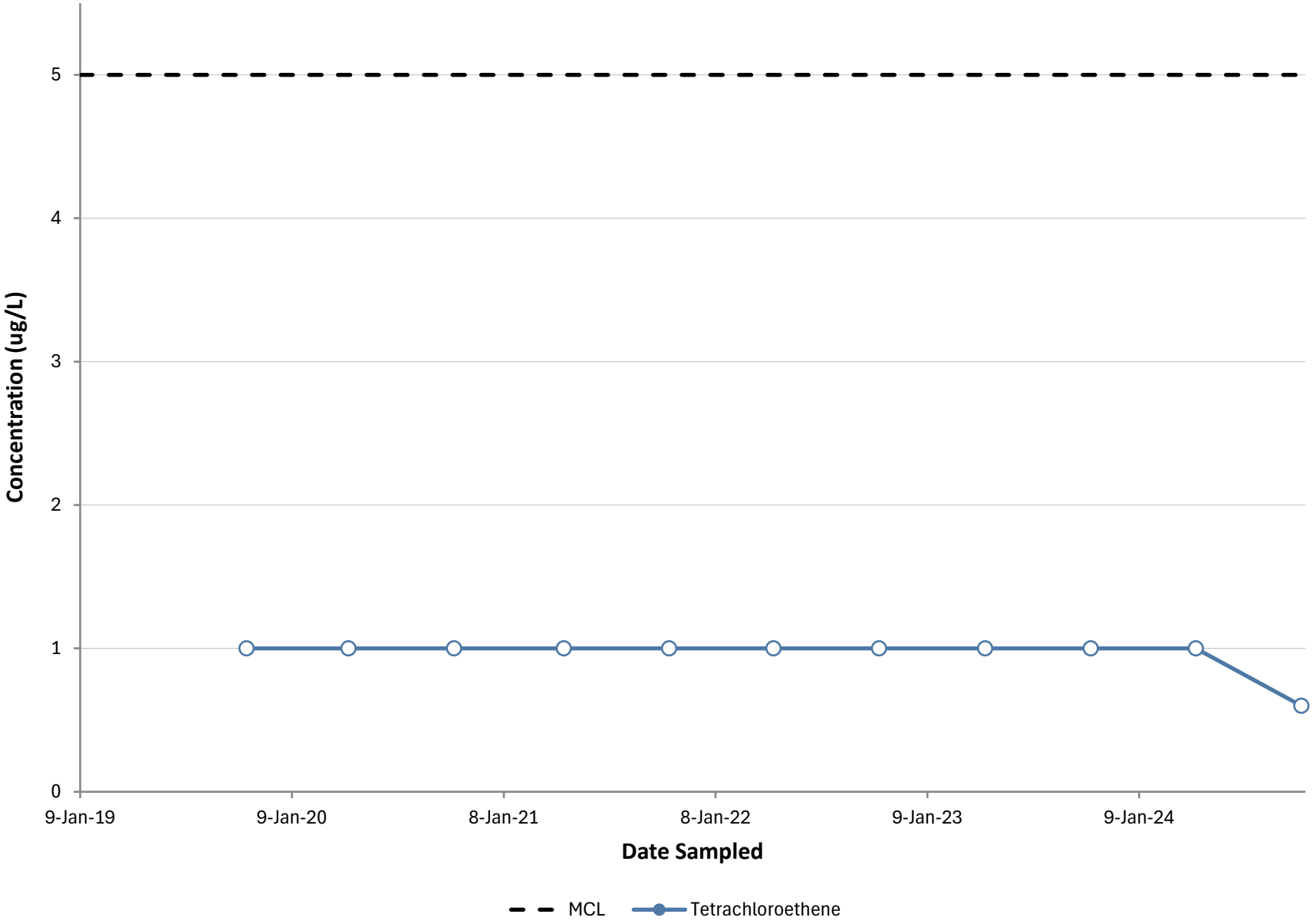
W-68

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



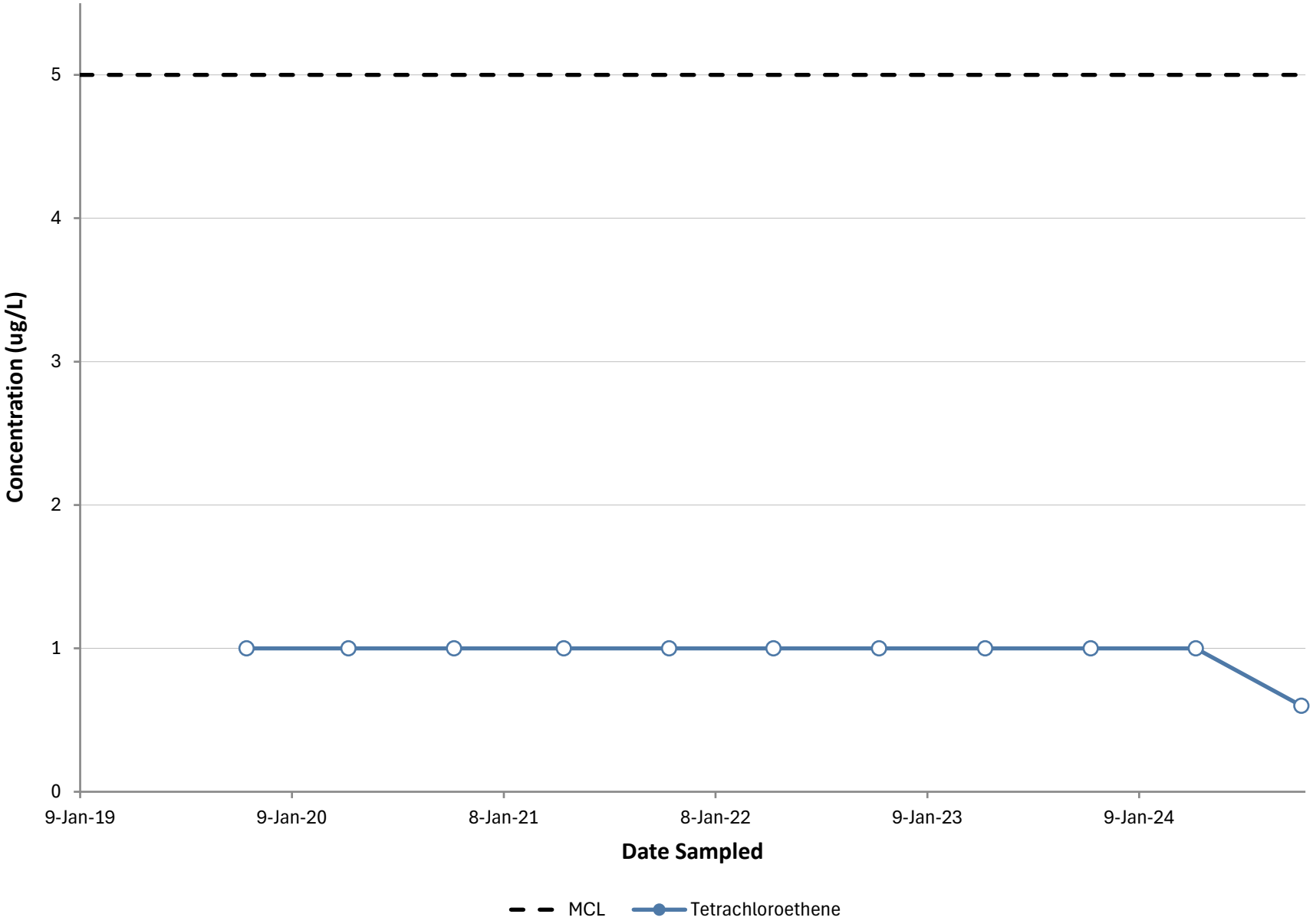
W-69

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



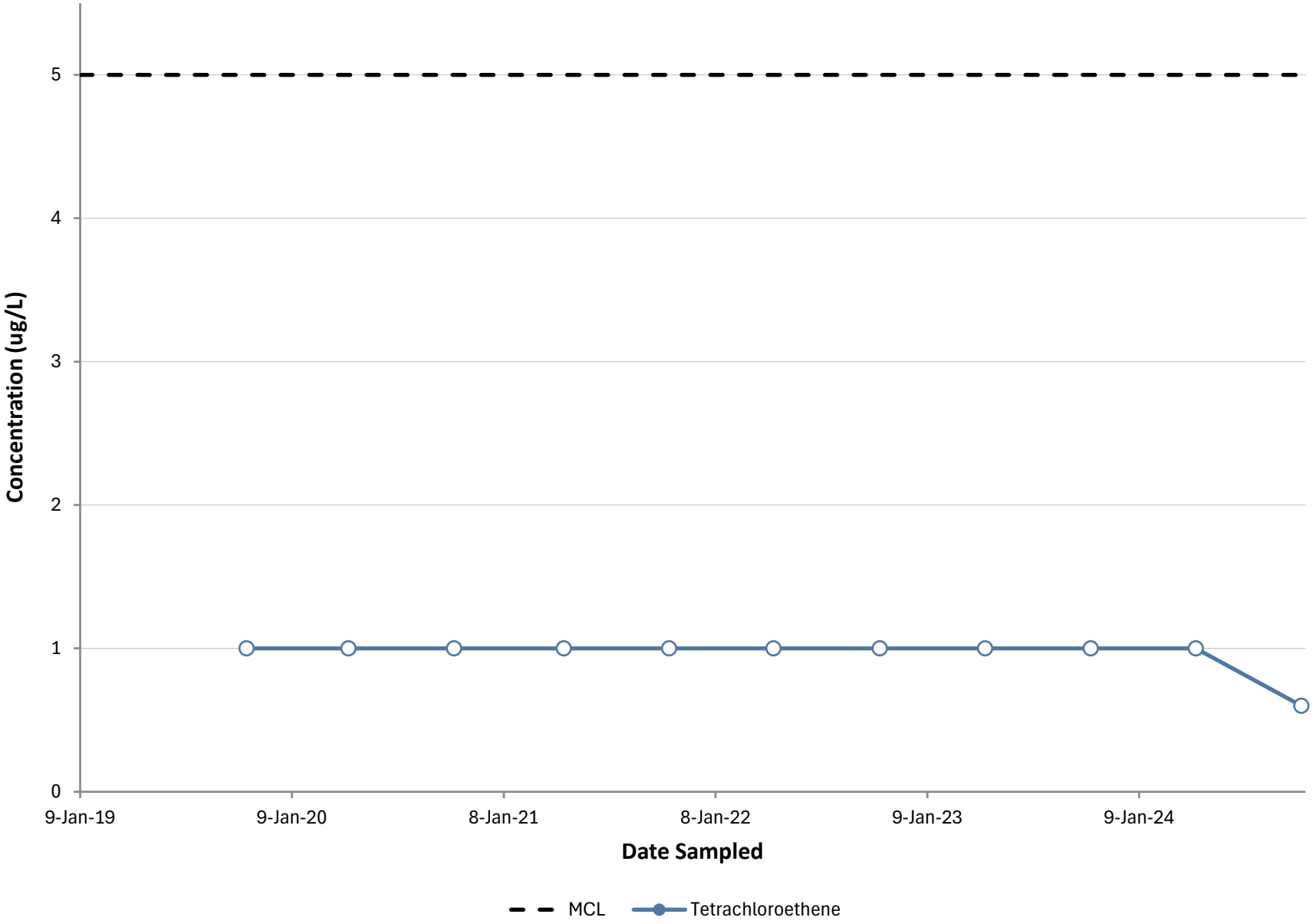
W-70

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



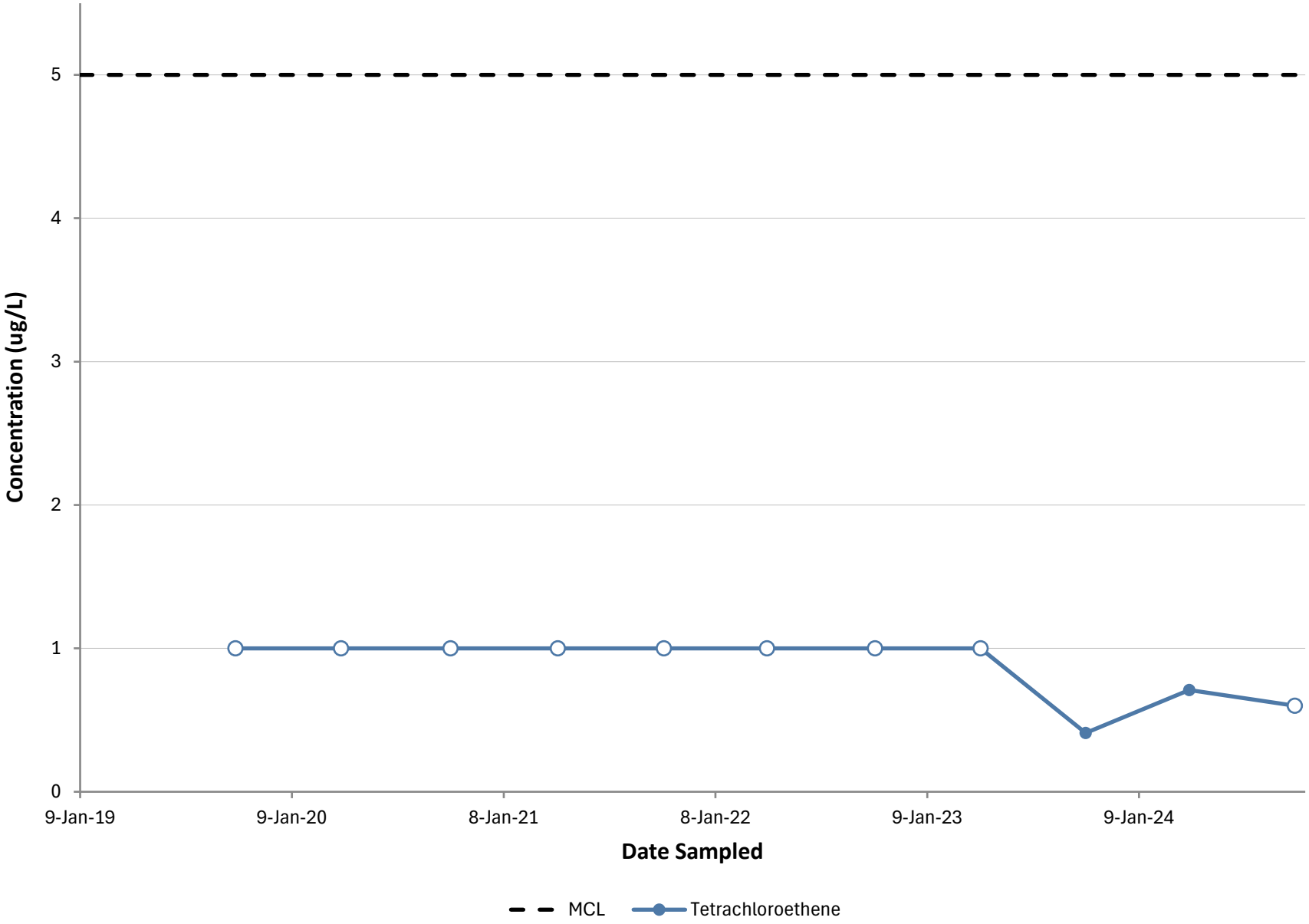
W-71

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



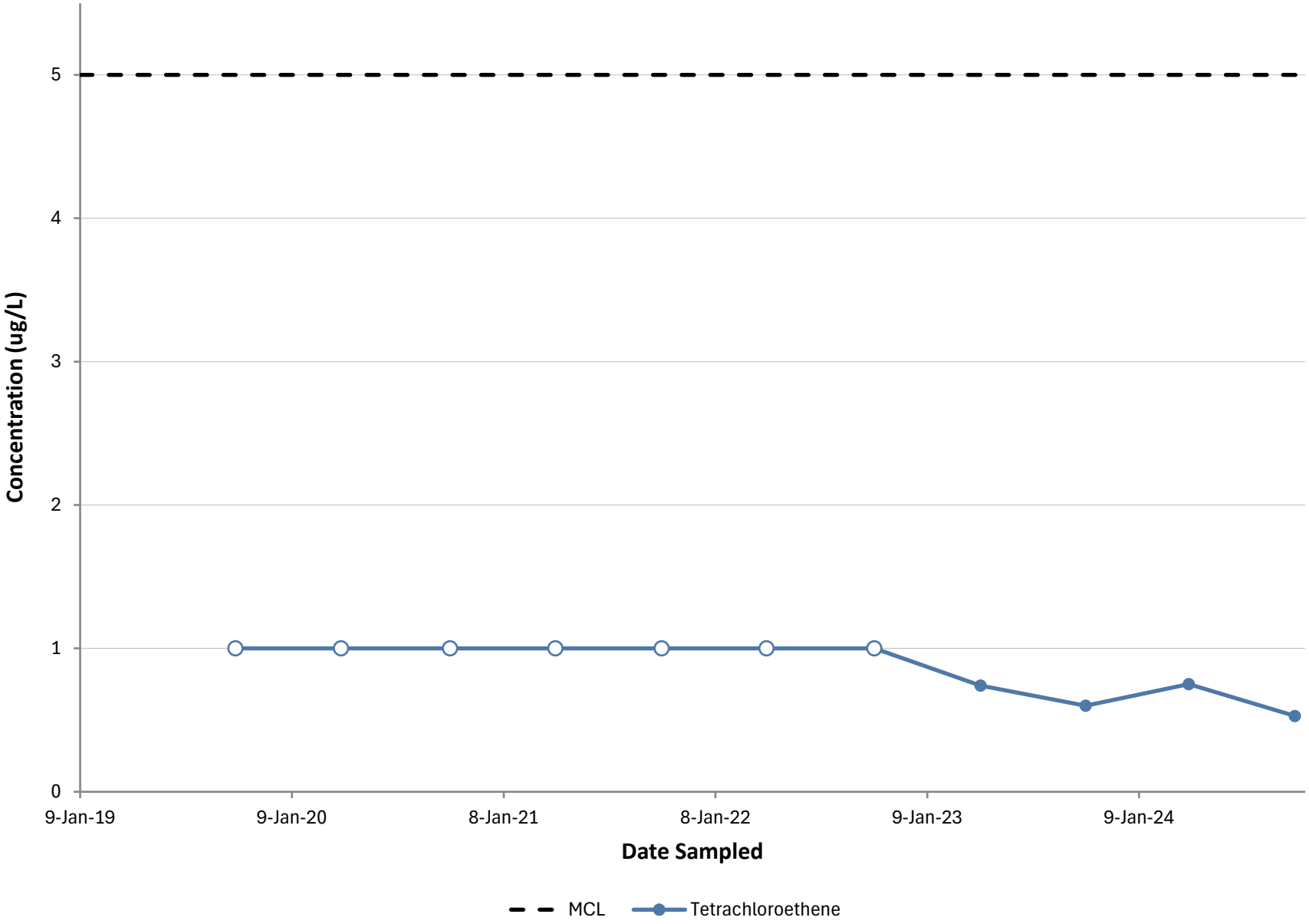
W-72

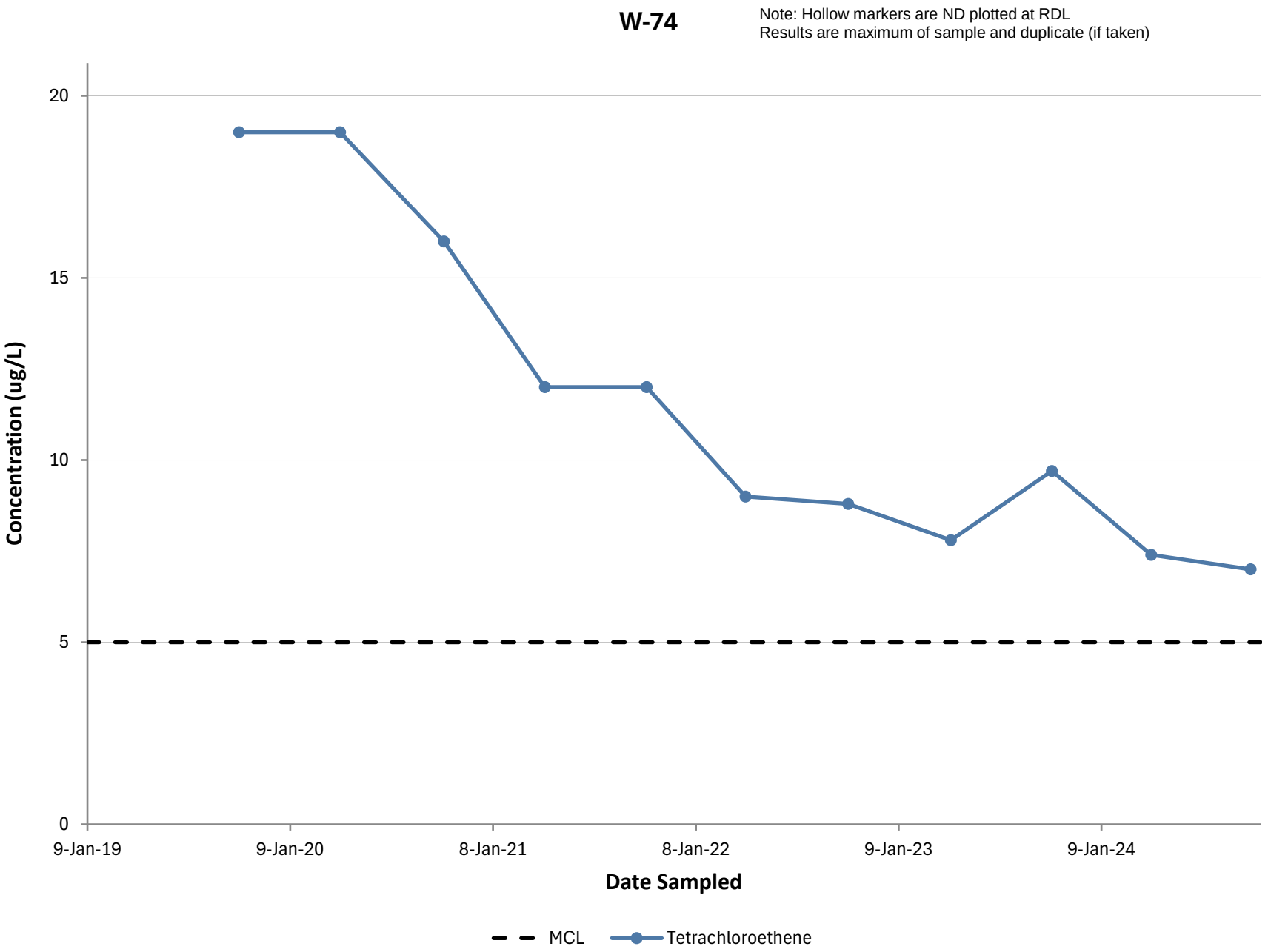
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-73

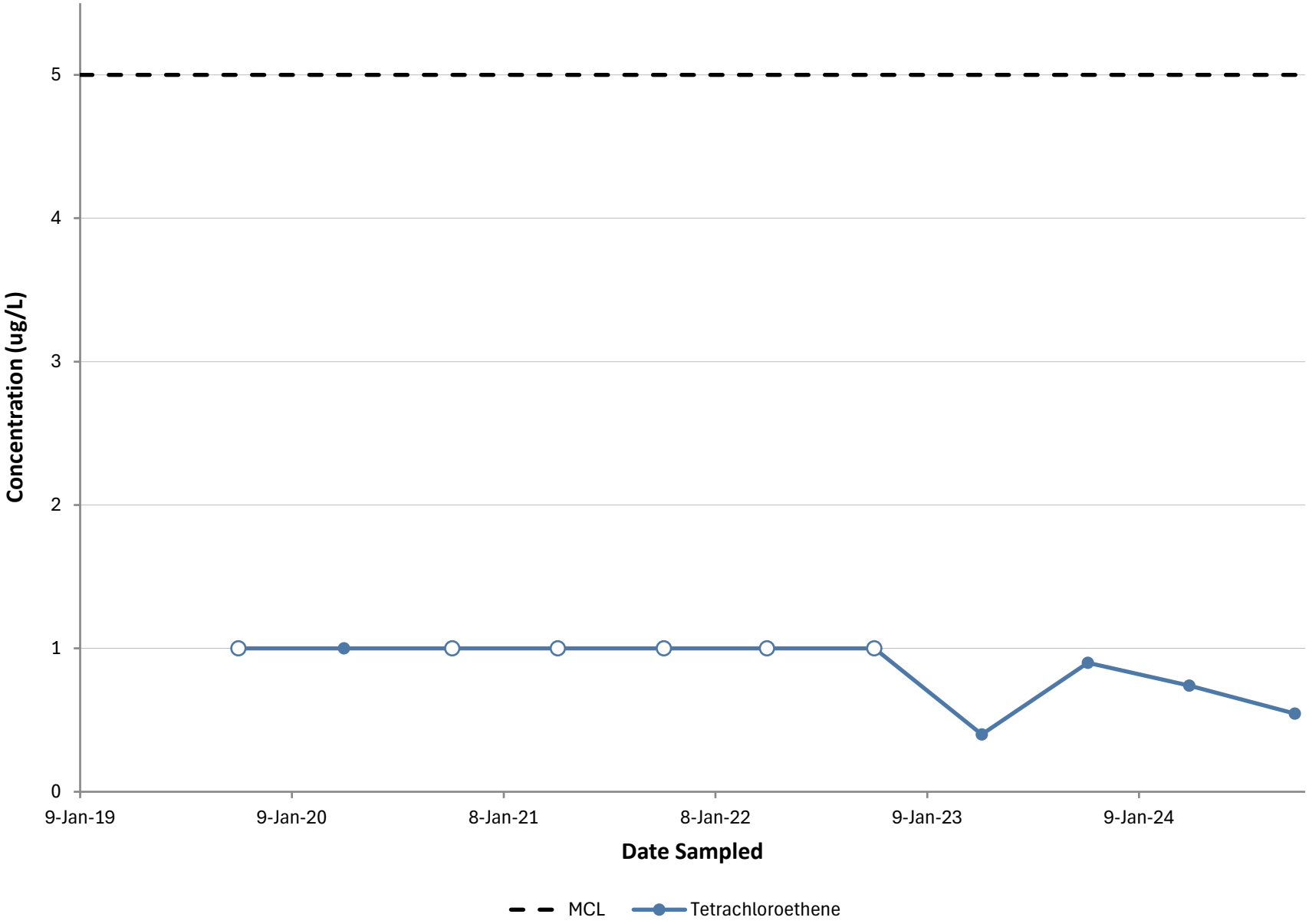
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-74
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

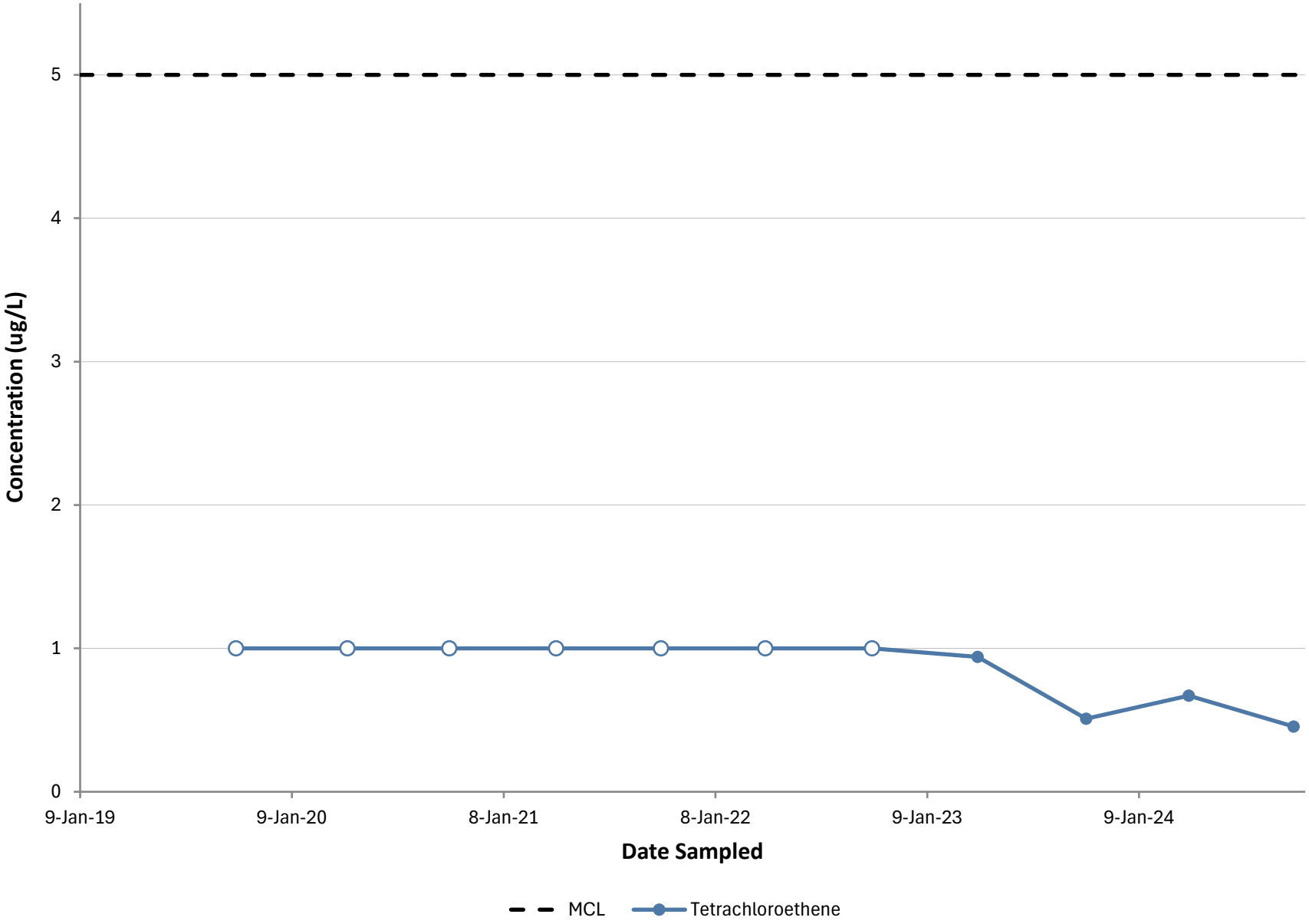
W-75

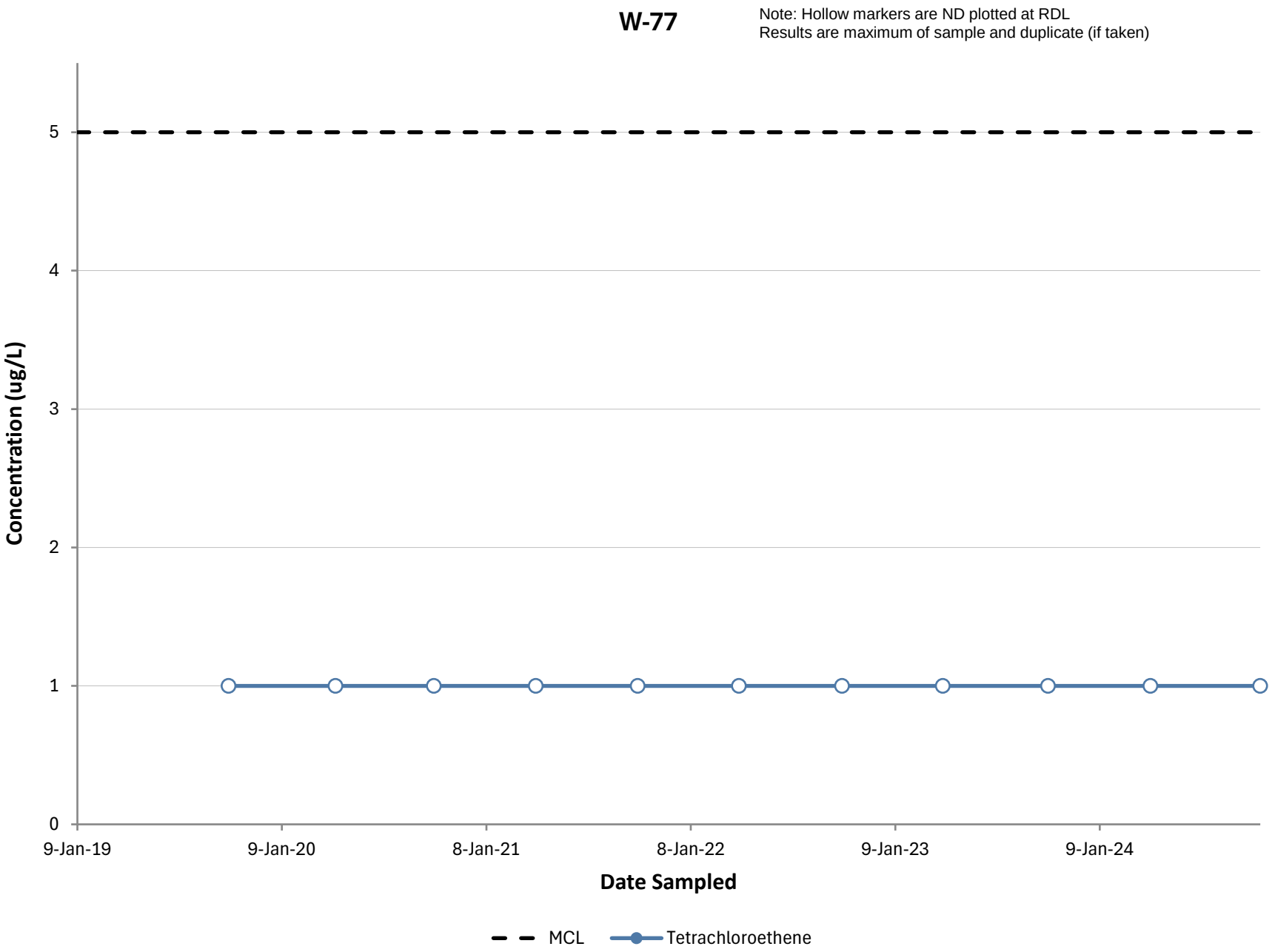
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-76

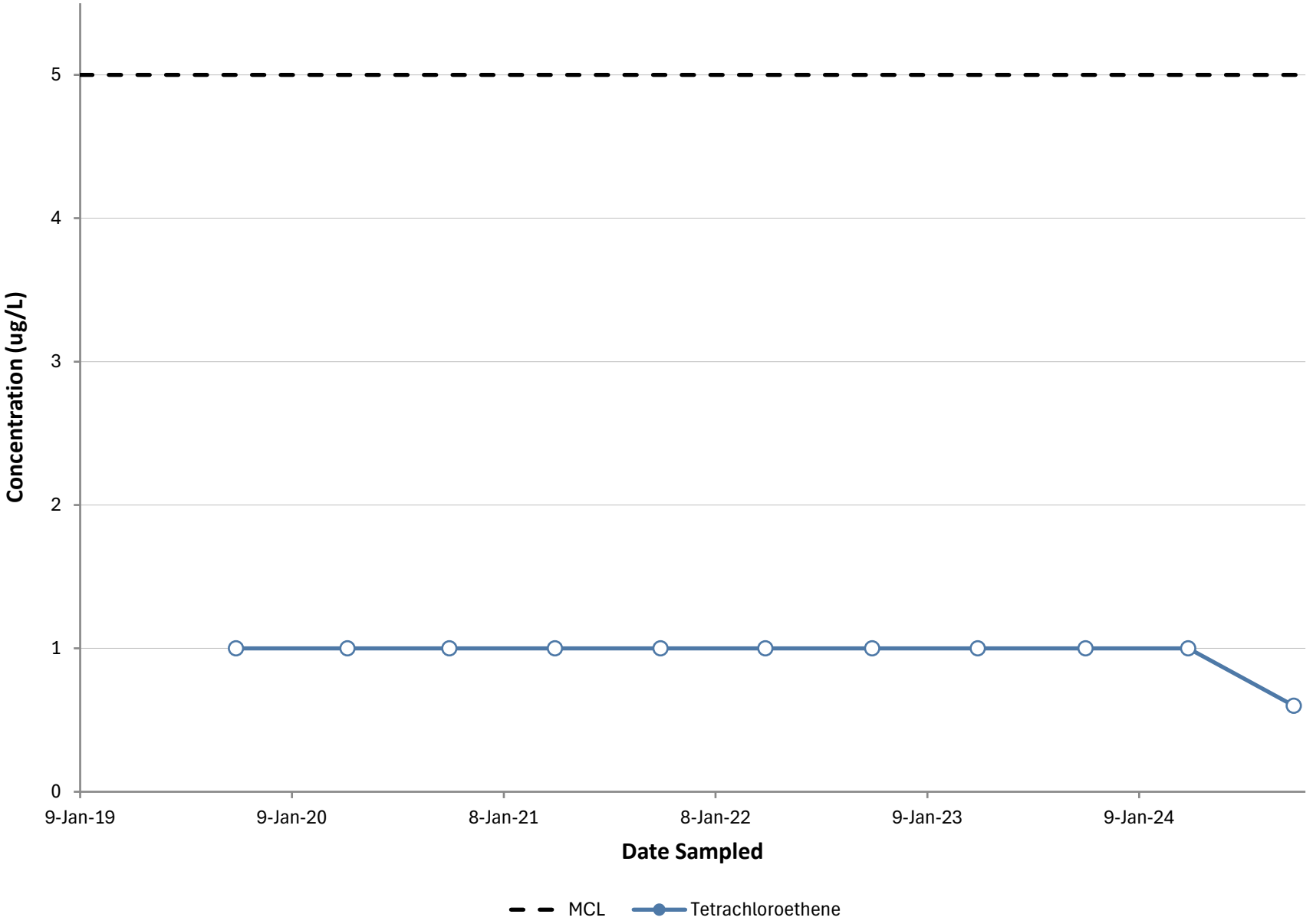
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-77
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

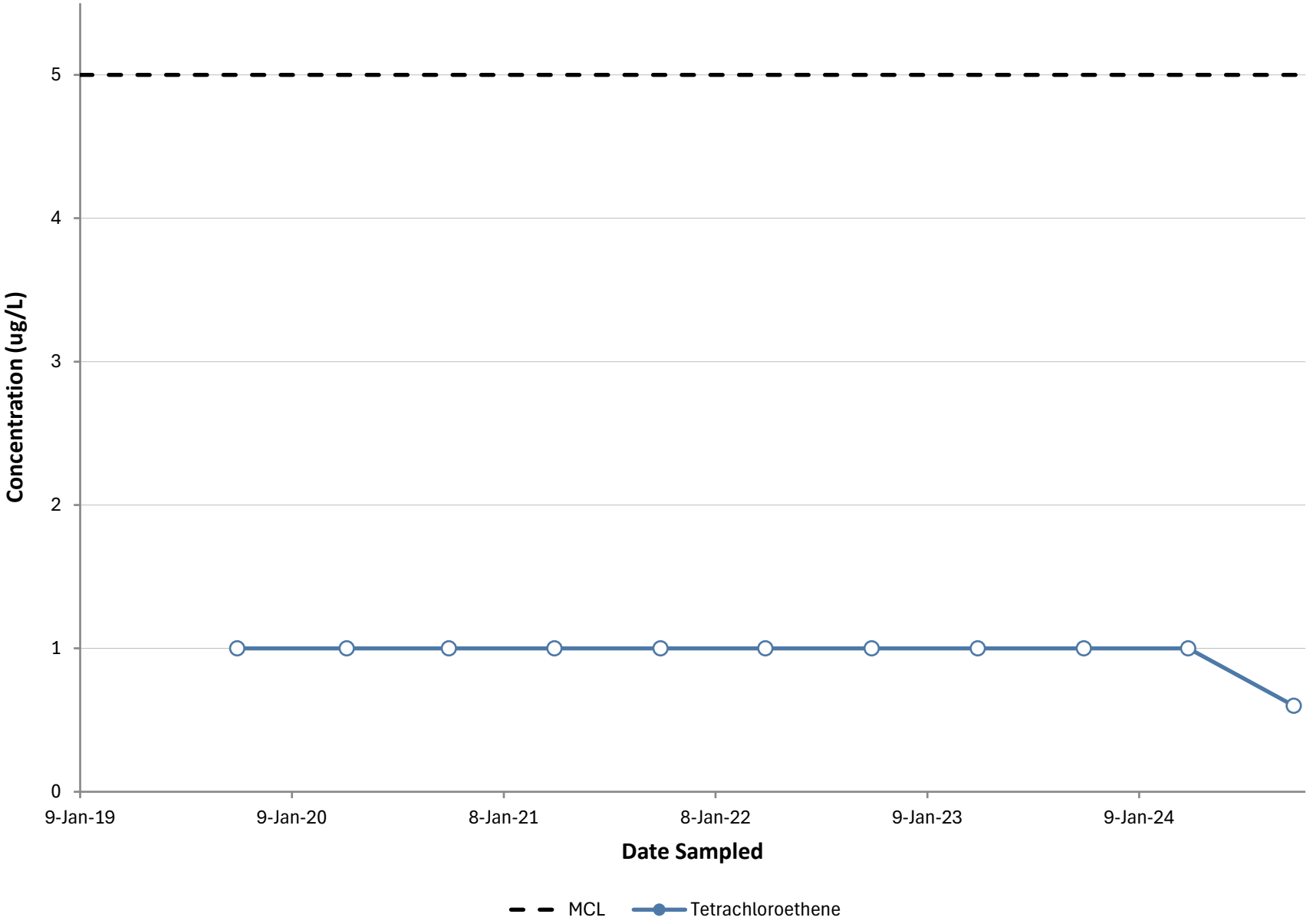
W-78

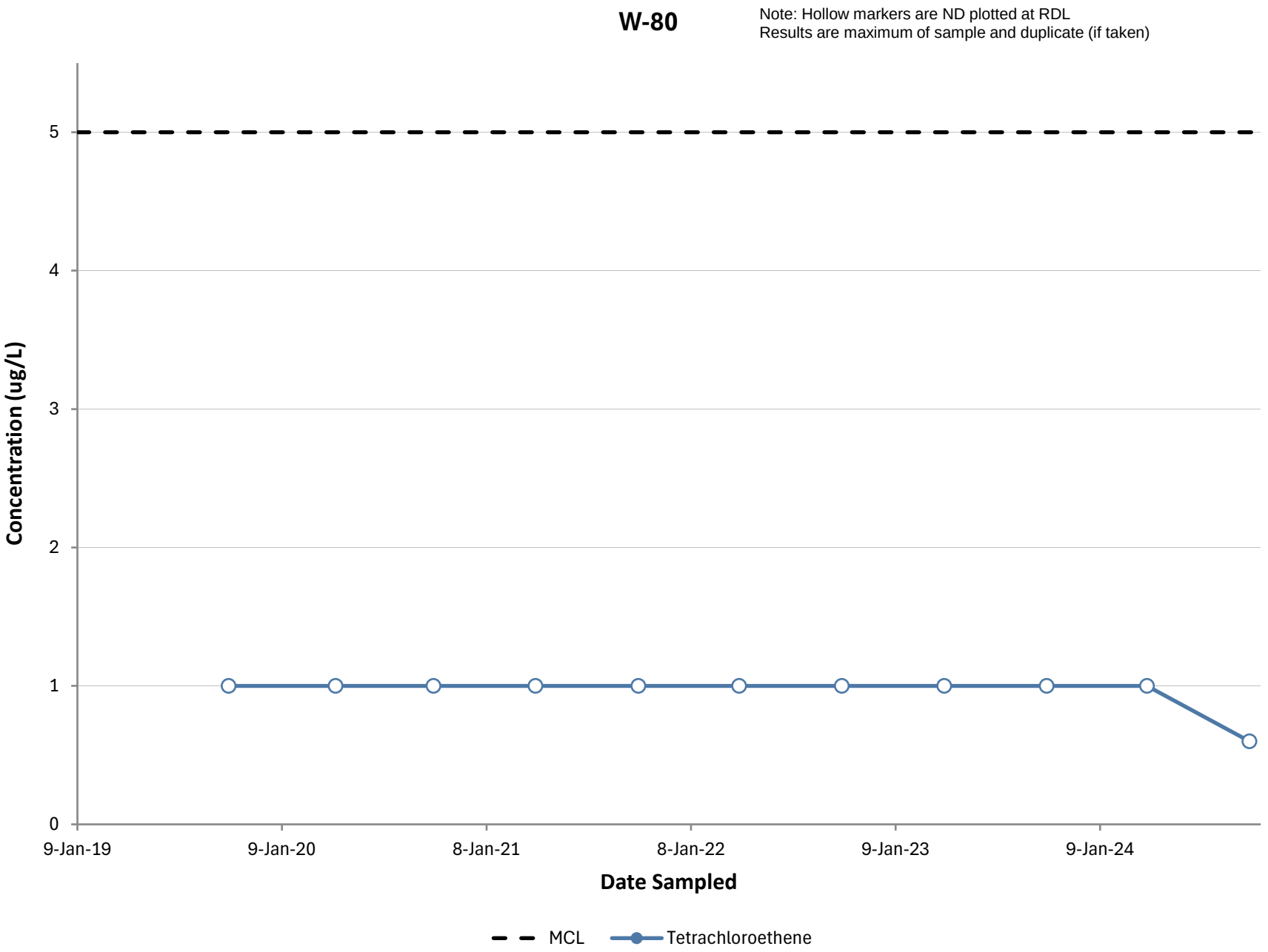
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-79

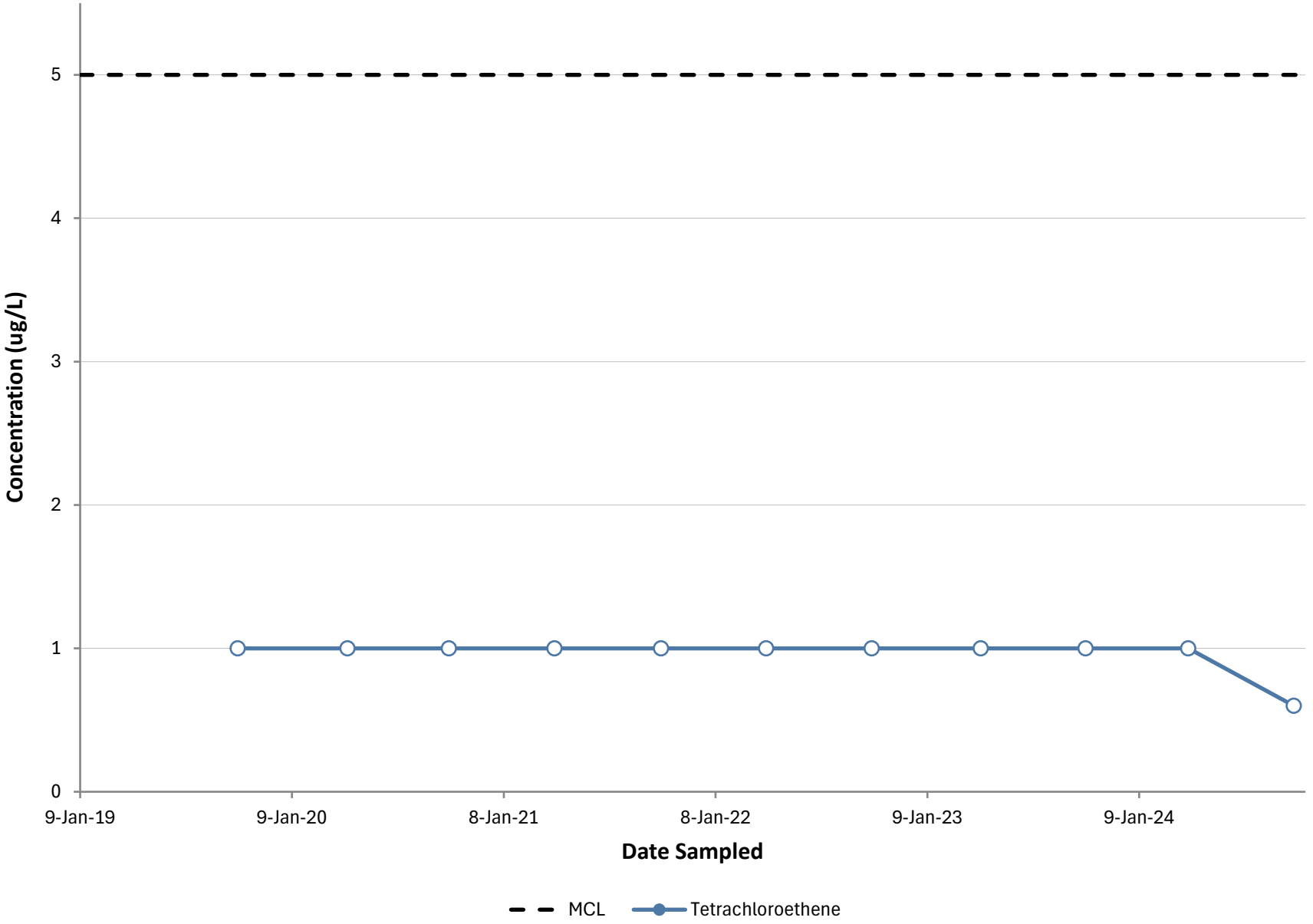
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-80
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

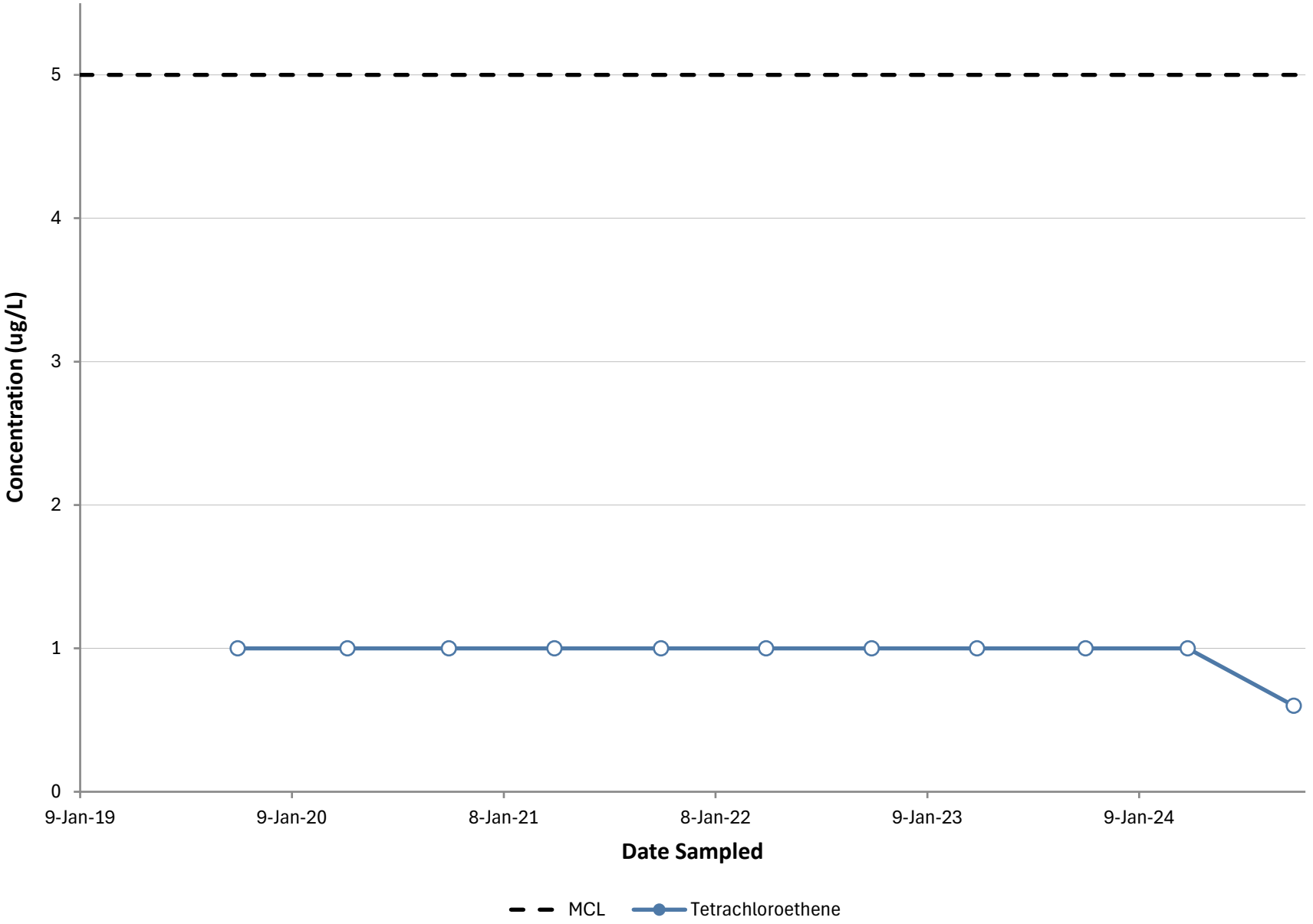
W-81

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



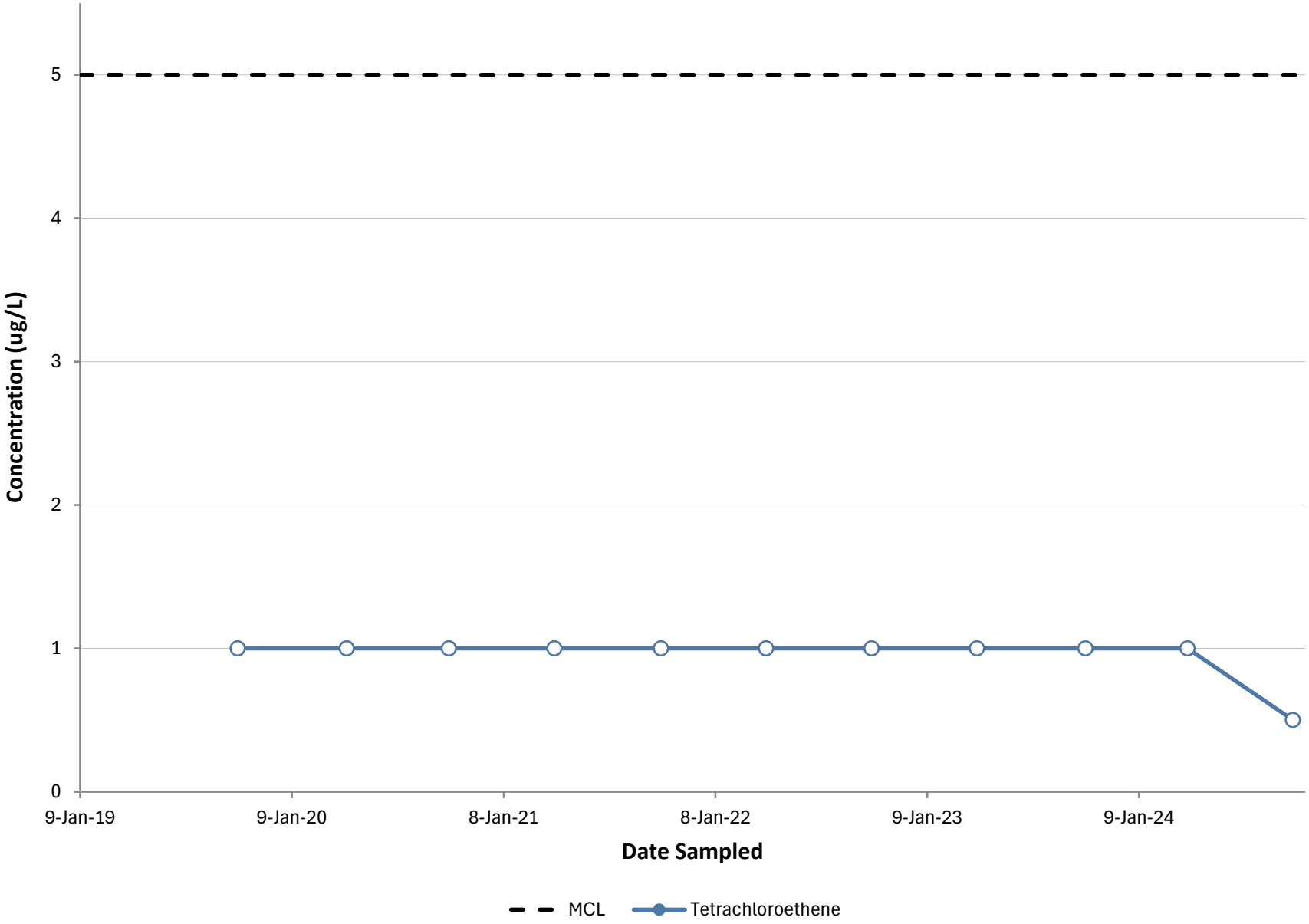
W-82

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



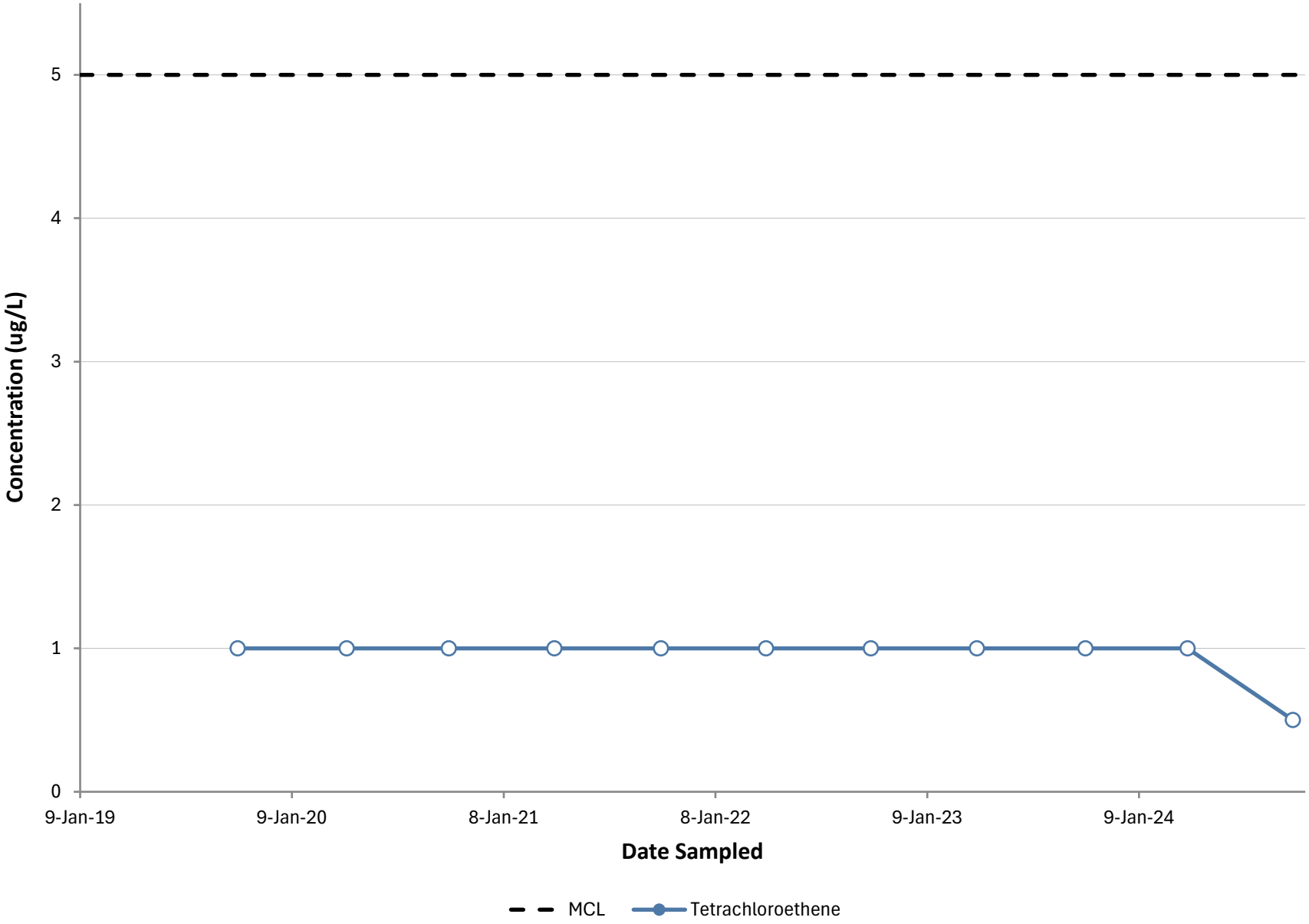
W-83

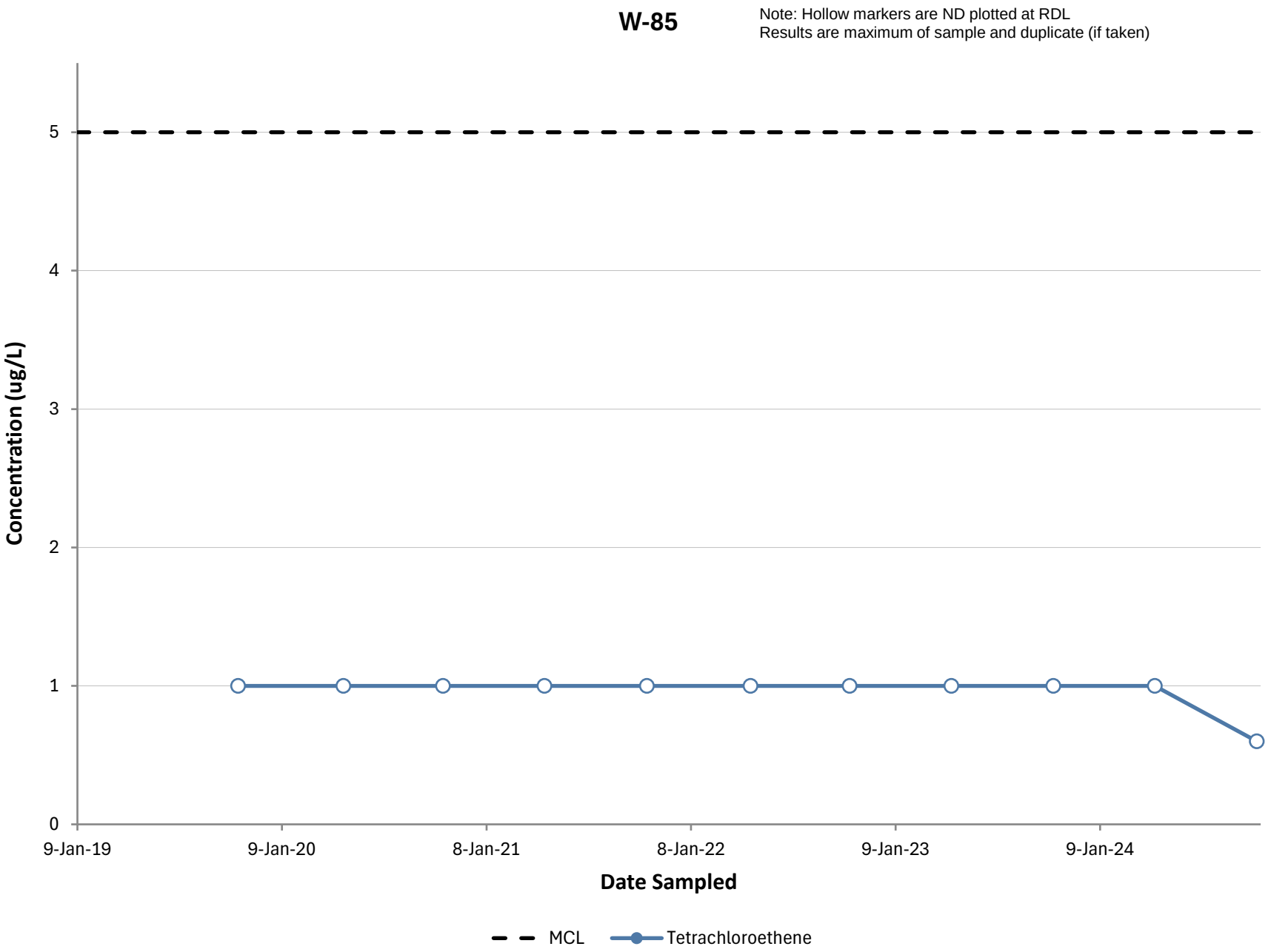
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-84

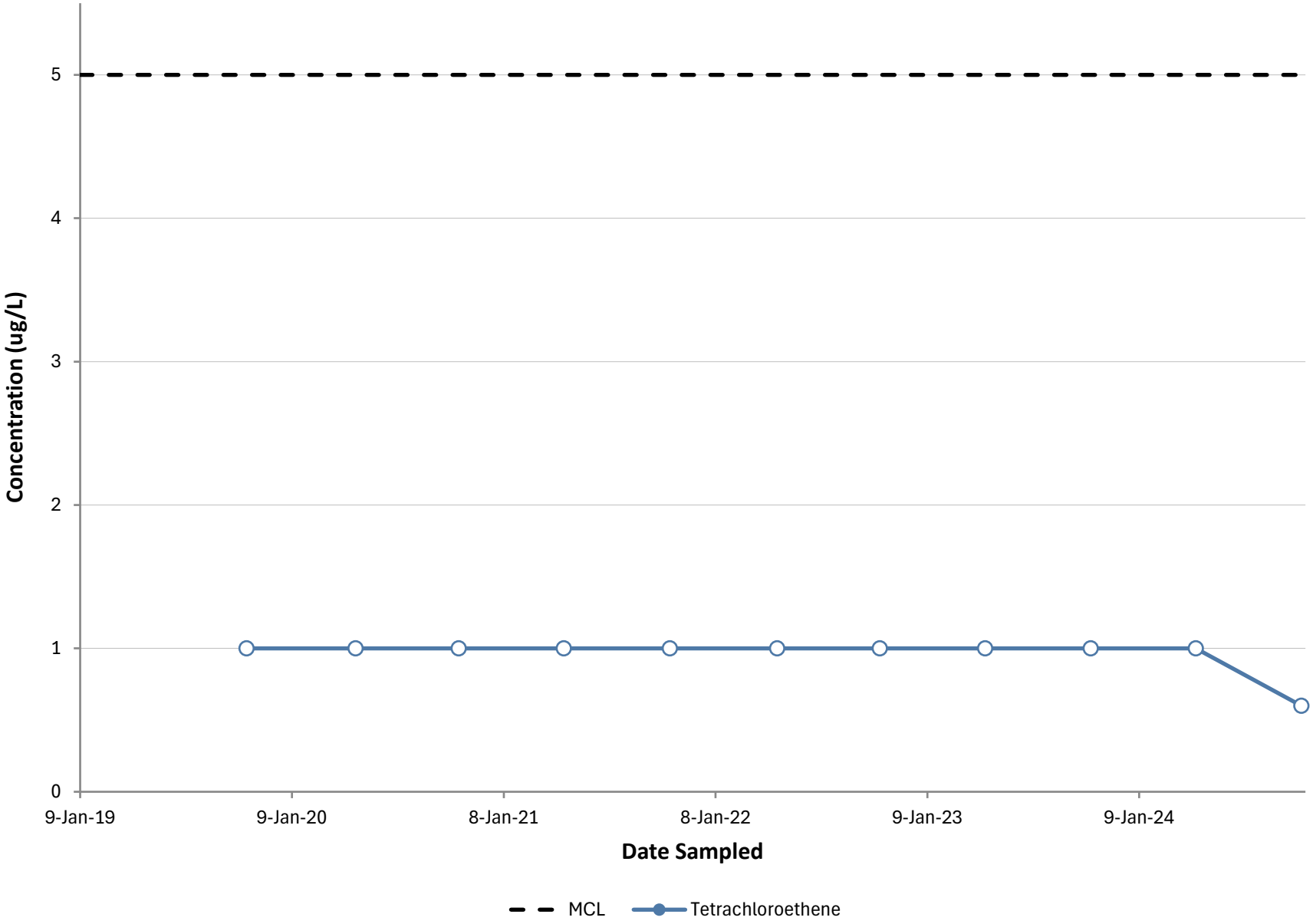
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

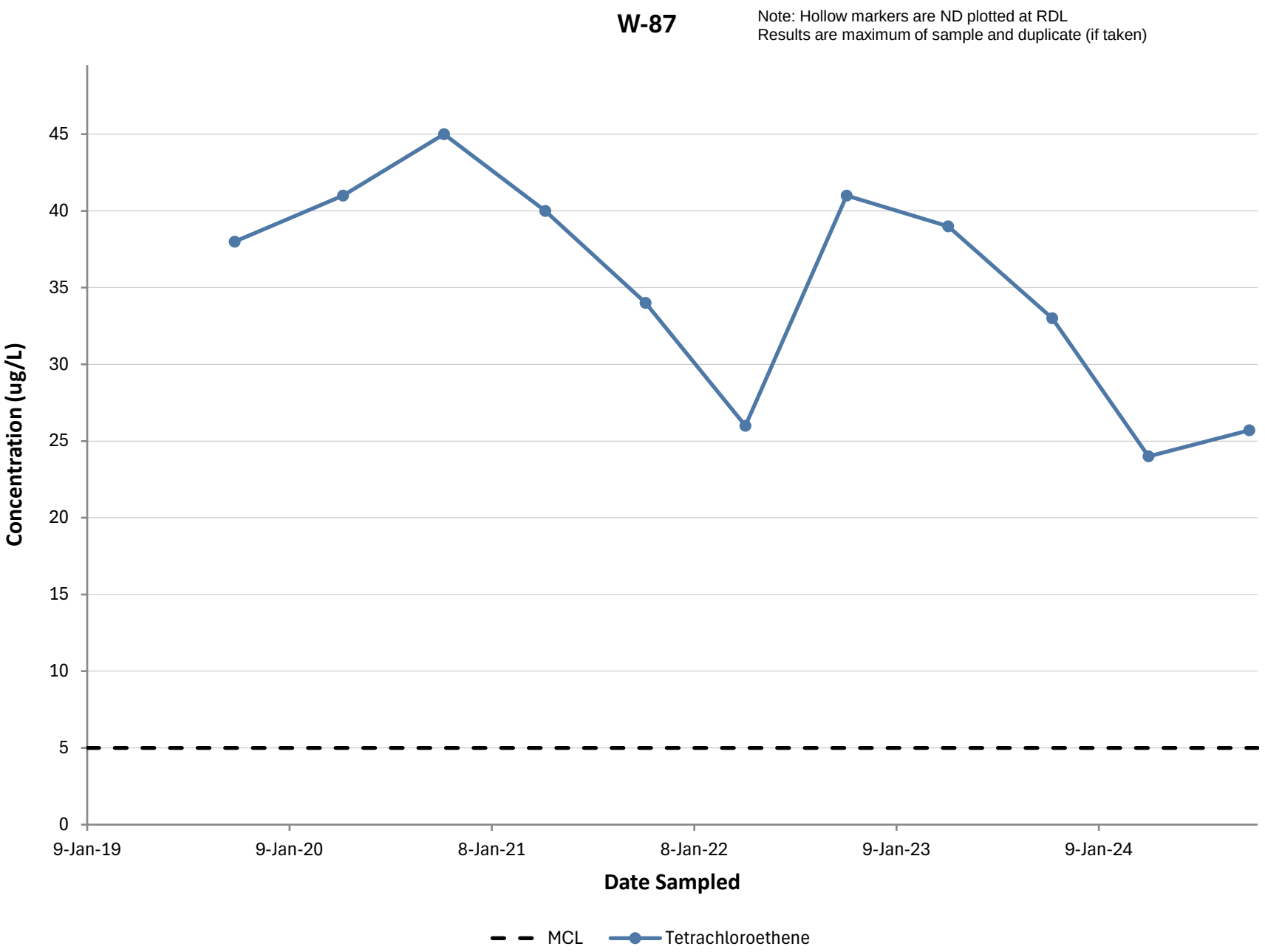



W-85
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

W-86

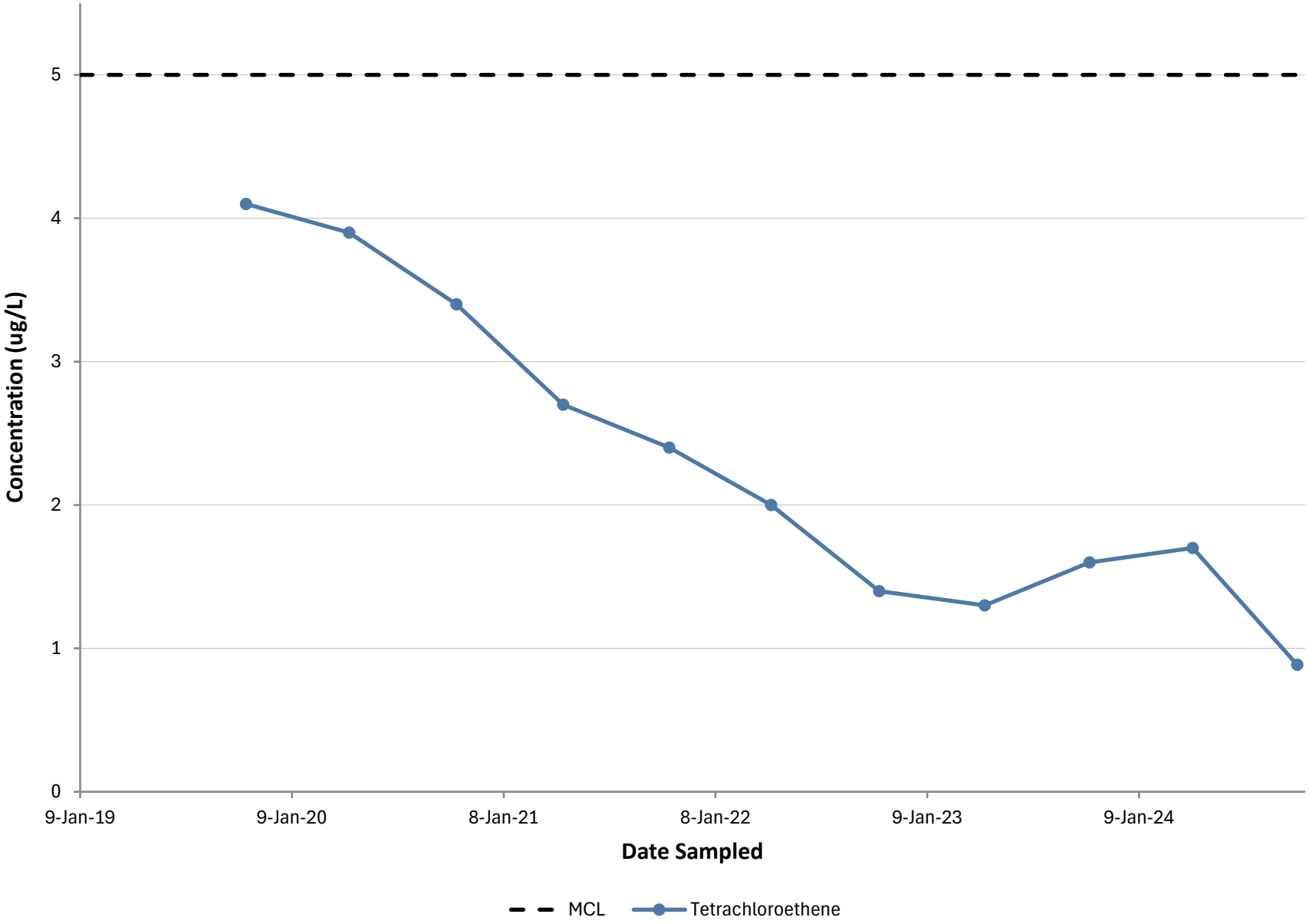
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

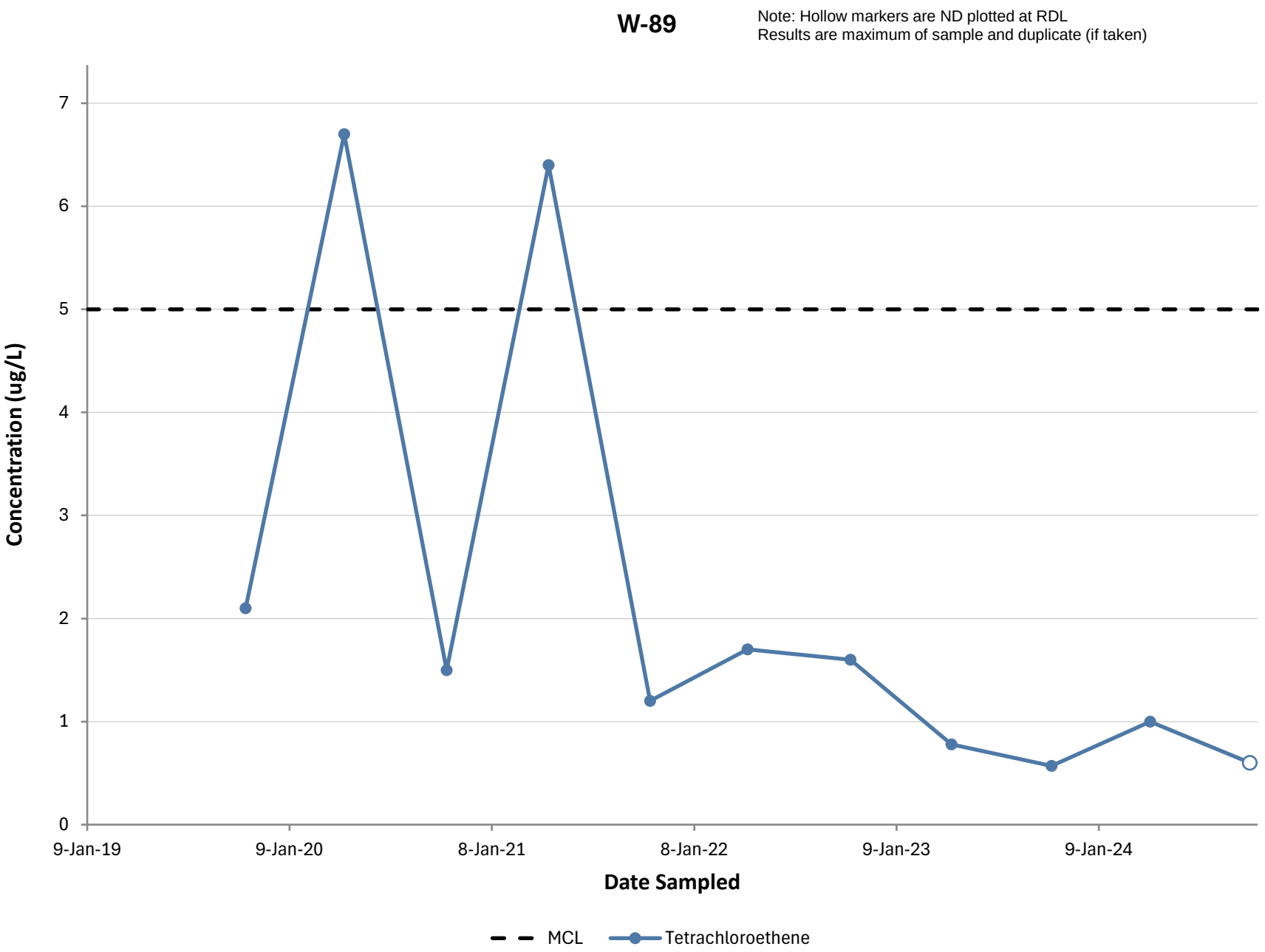


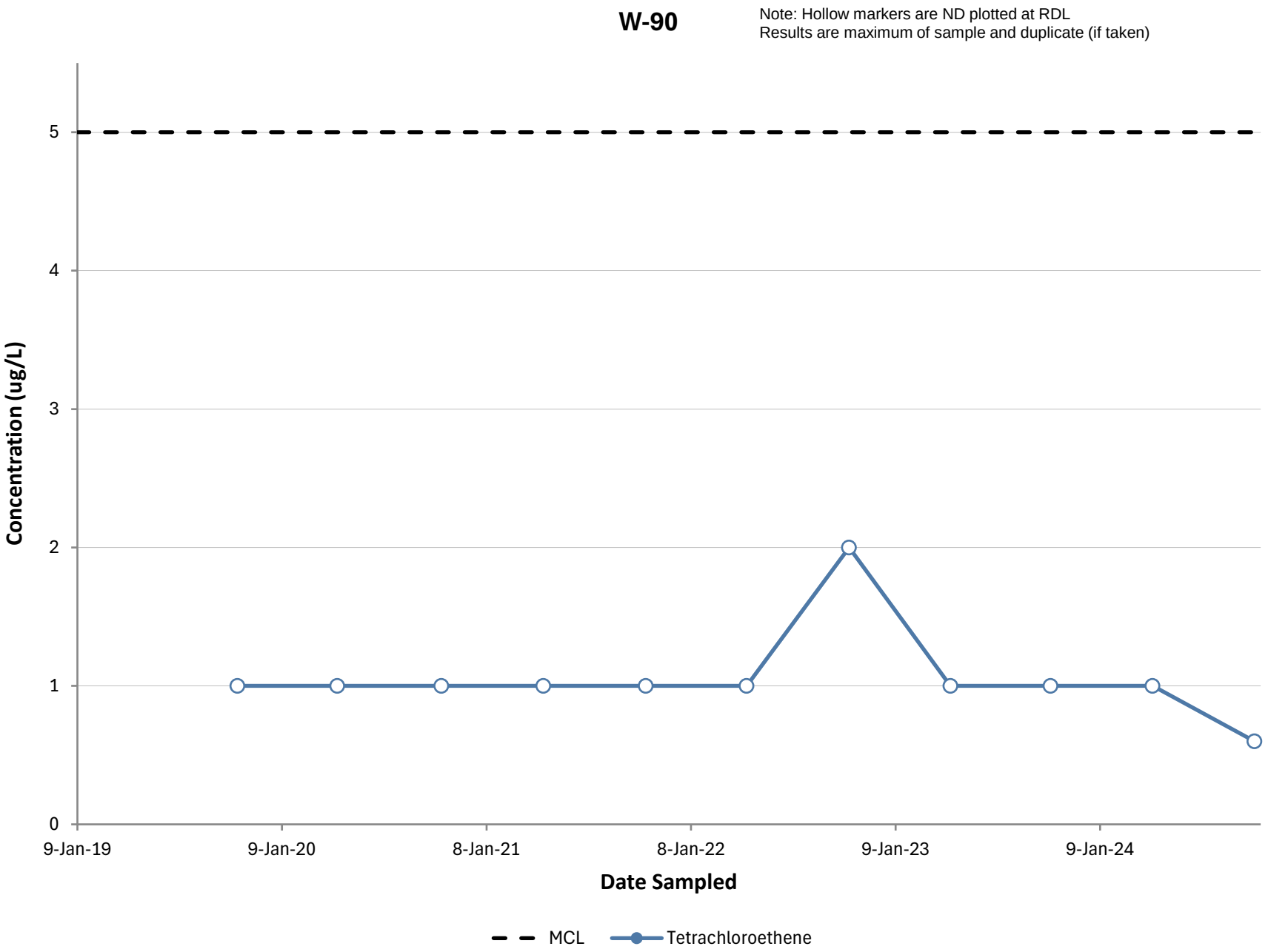

W-87
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
45
40
35
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

W-88

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

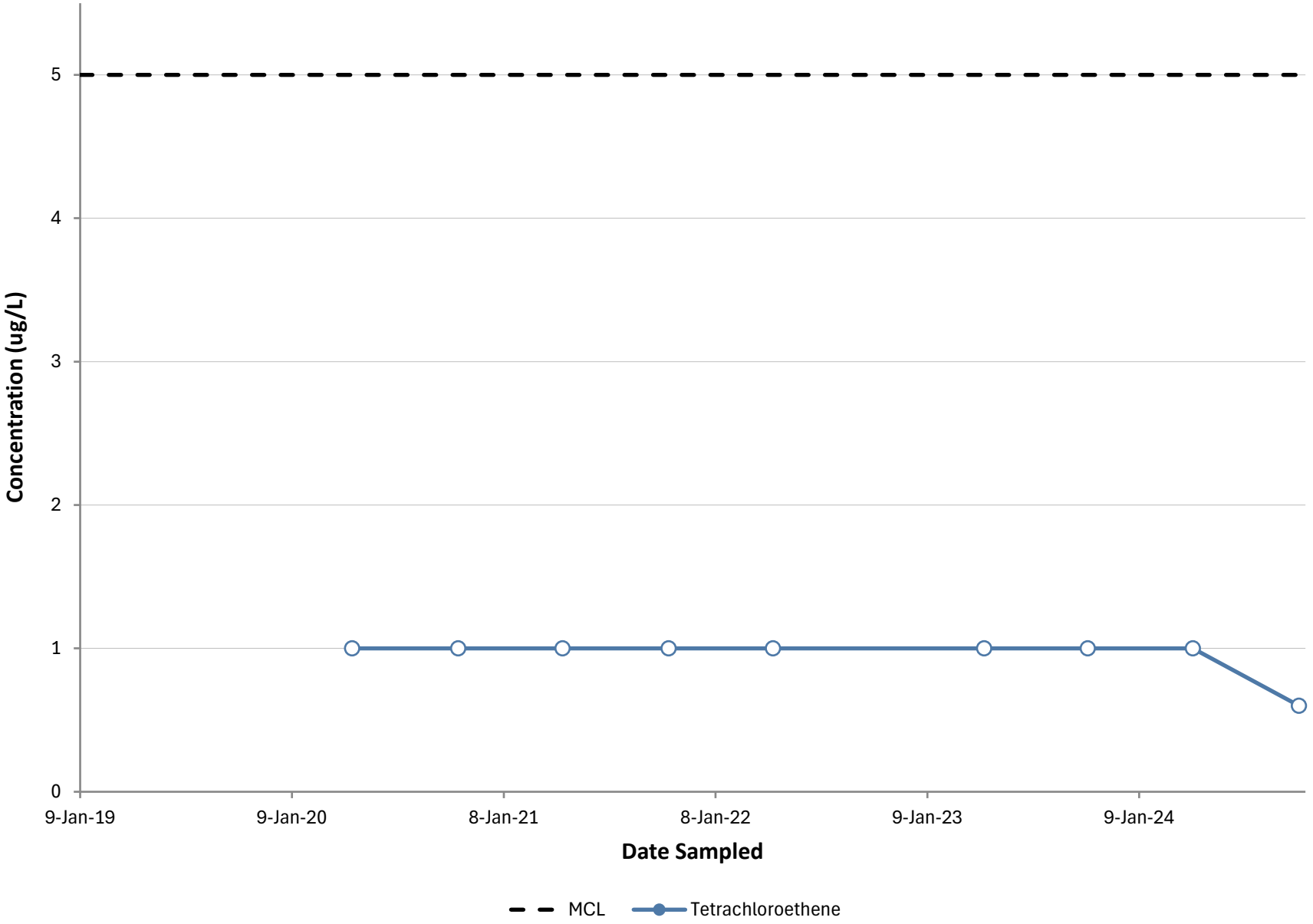



W-89
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
6
7
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-90
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

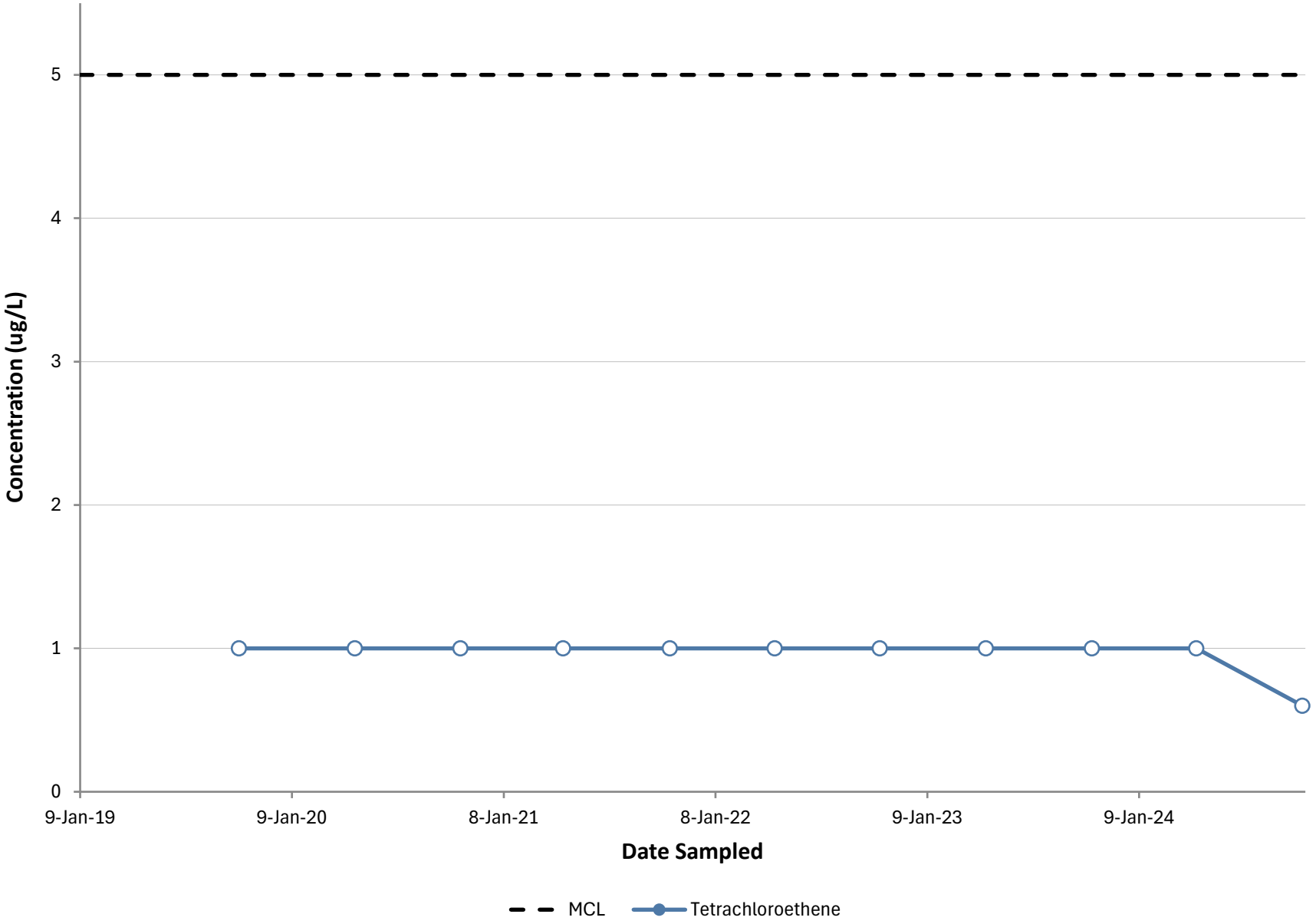
W-91

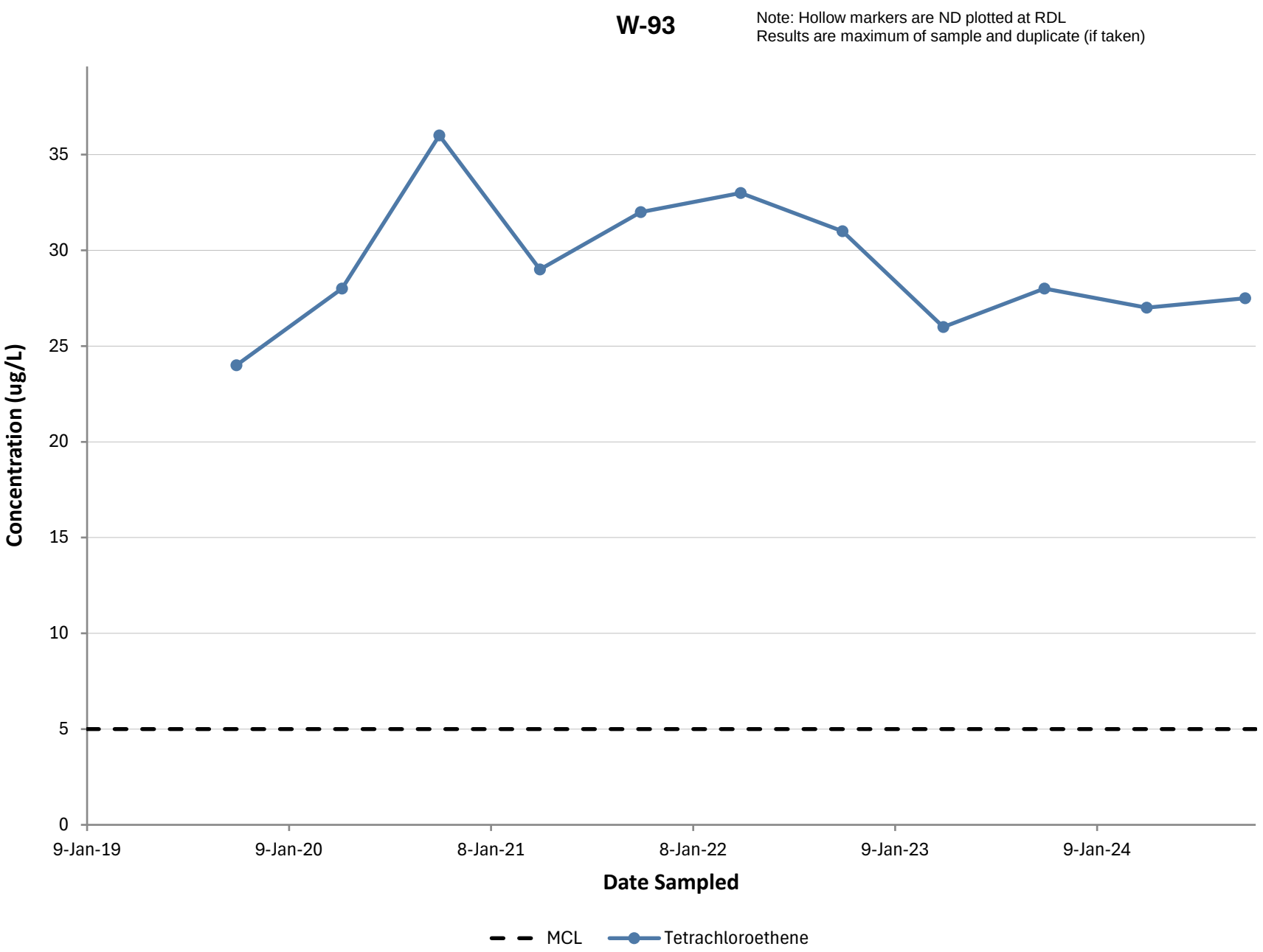
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-92

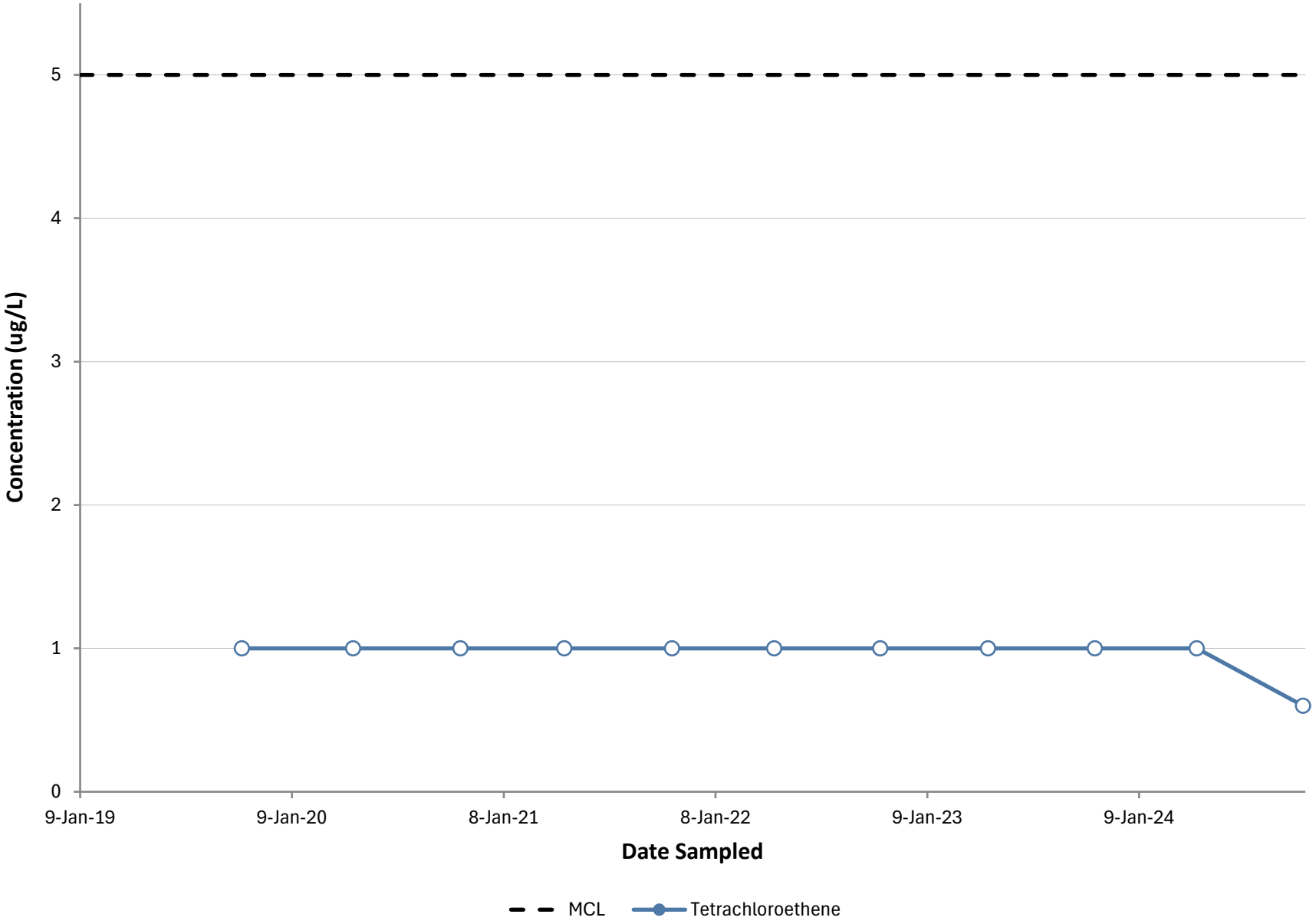
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-93
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
35
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

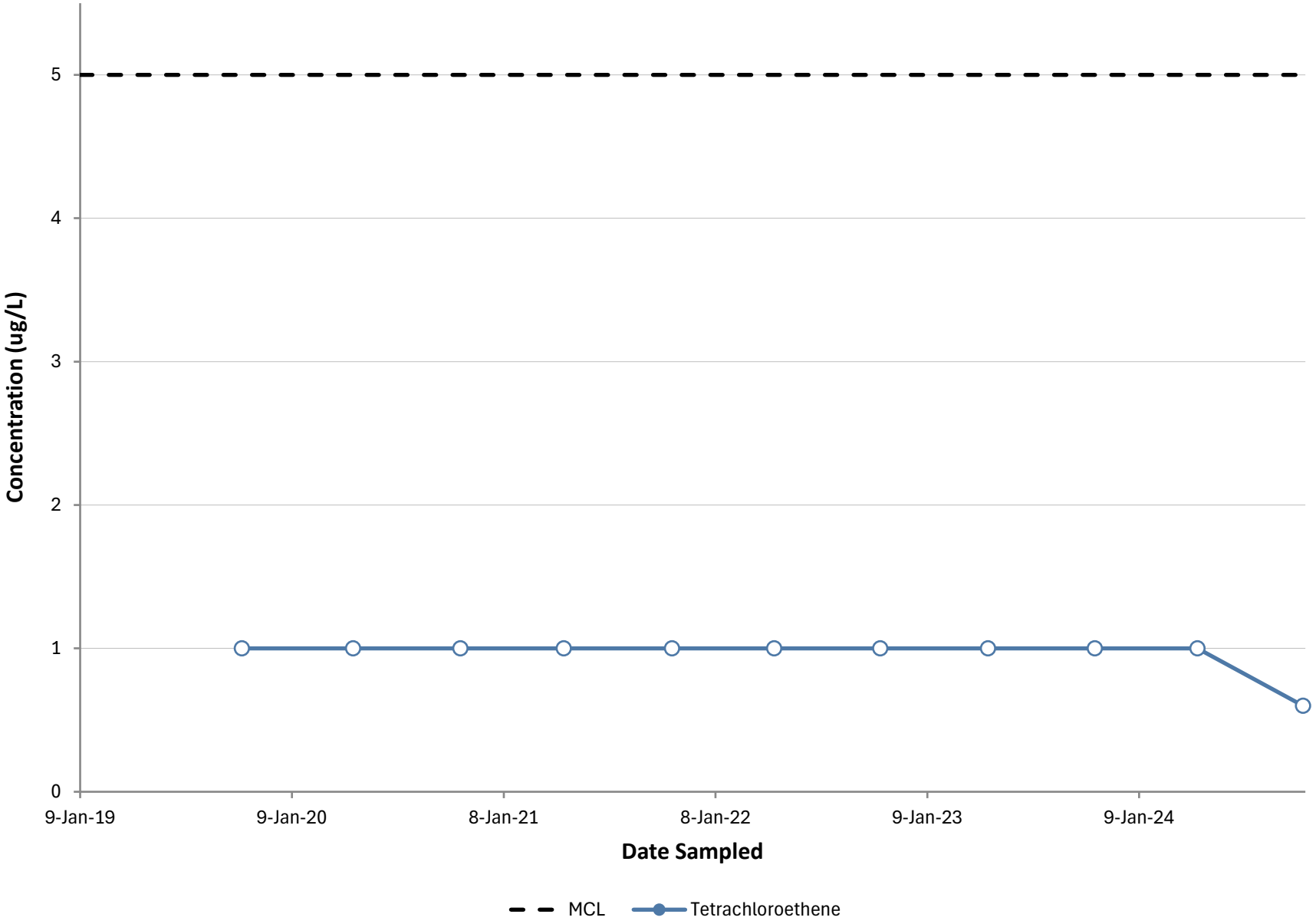
W-94

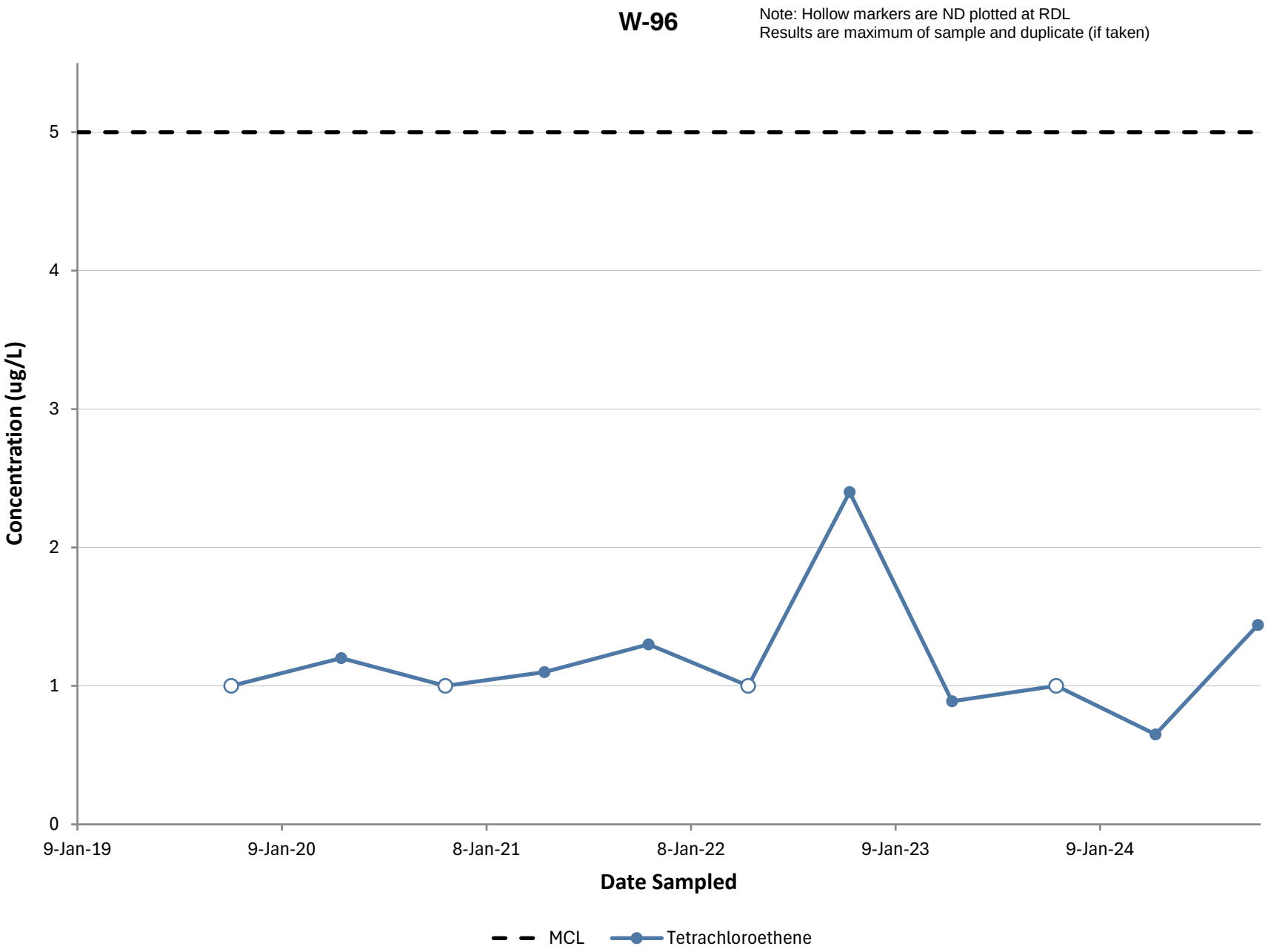
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

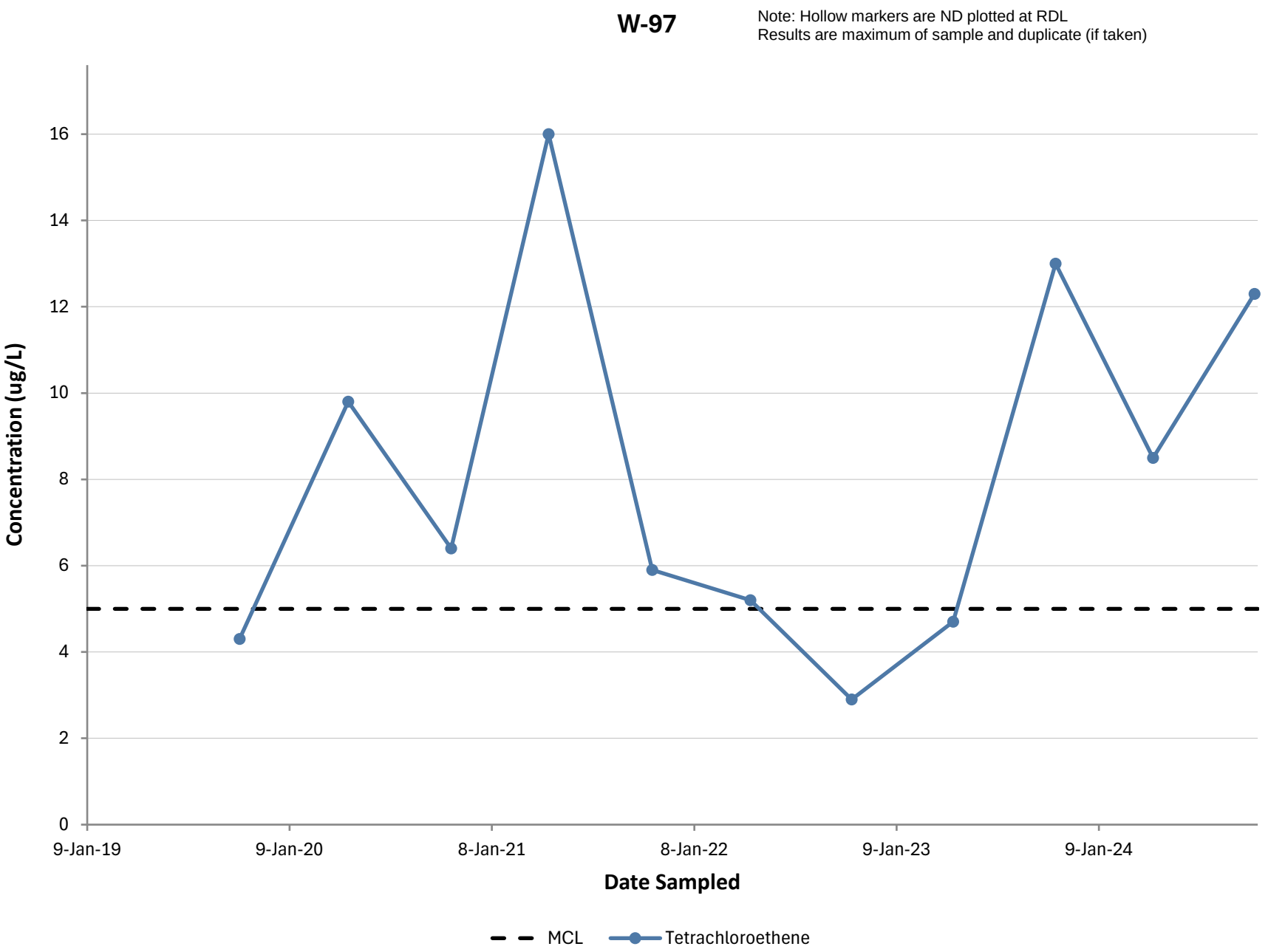


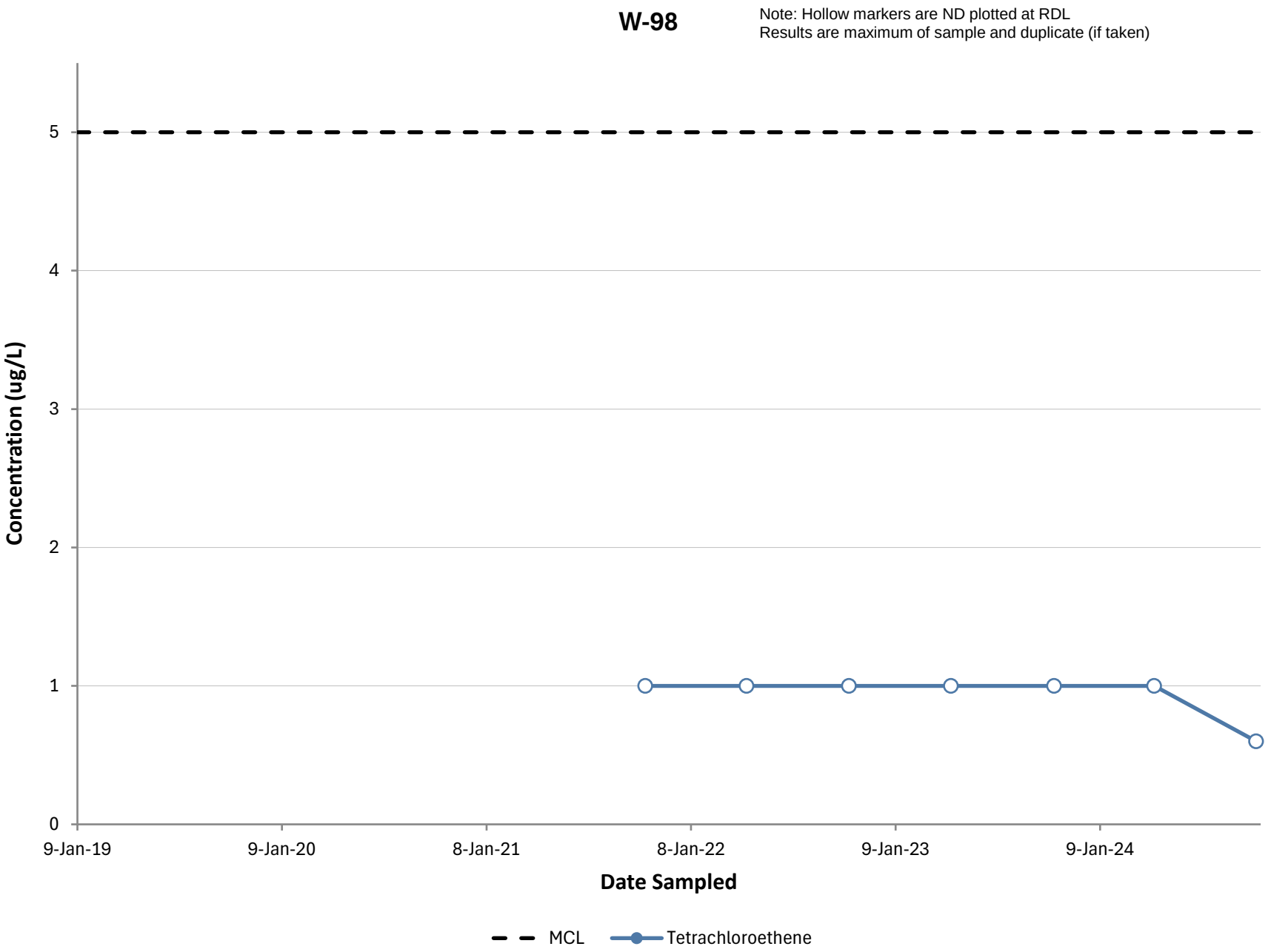
W-95

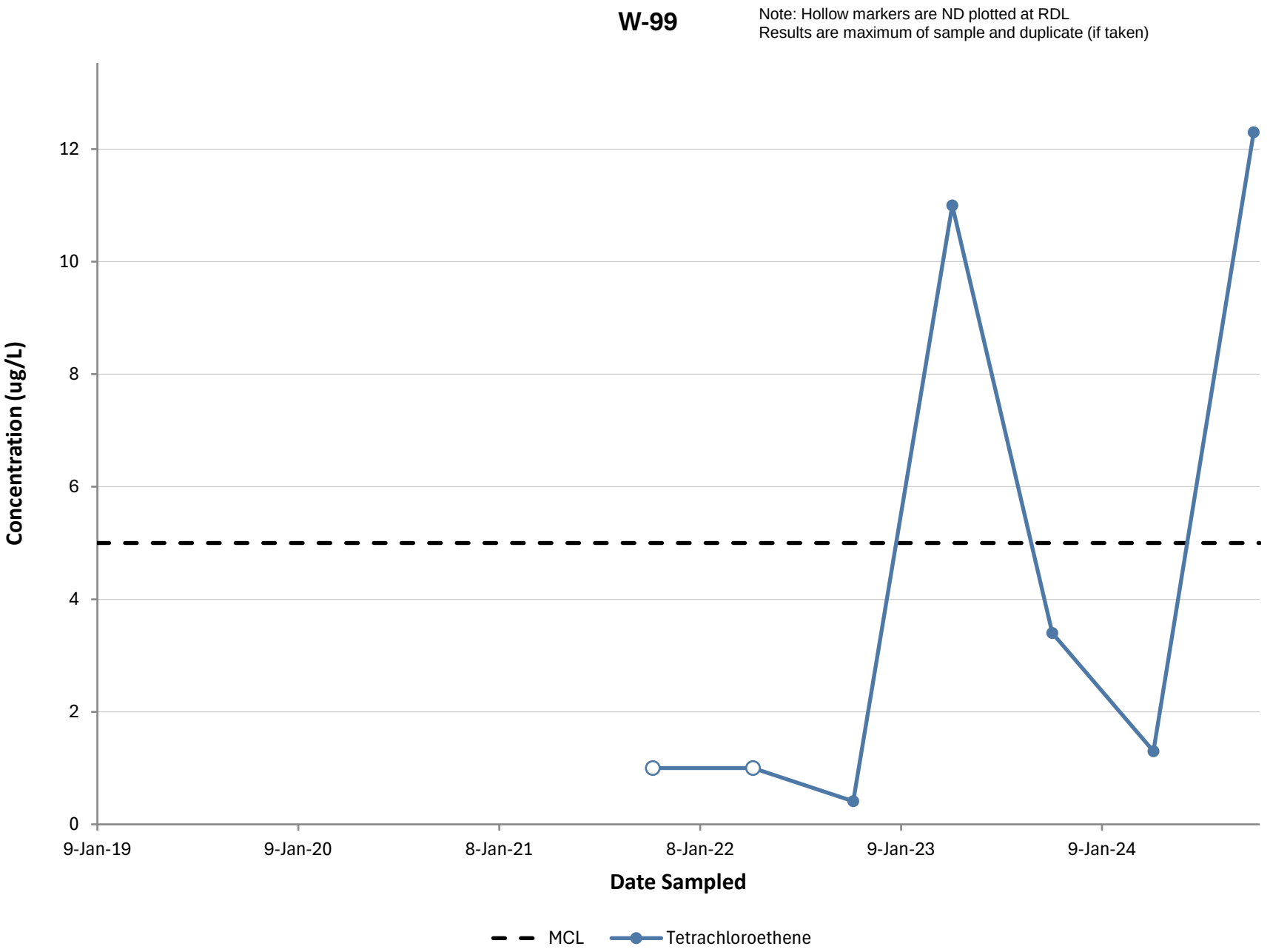
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

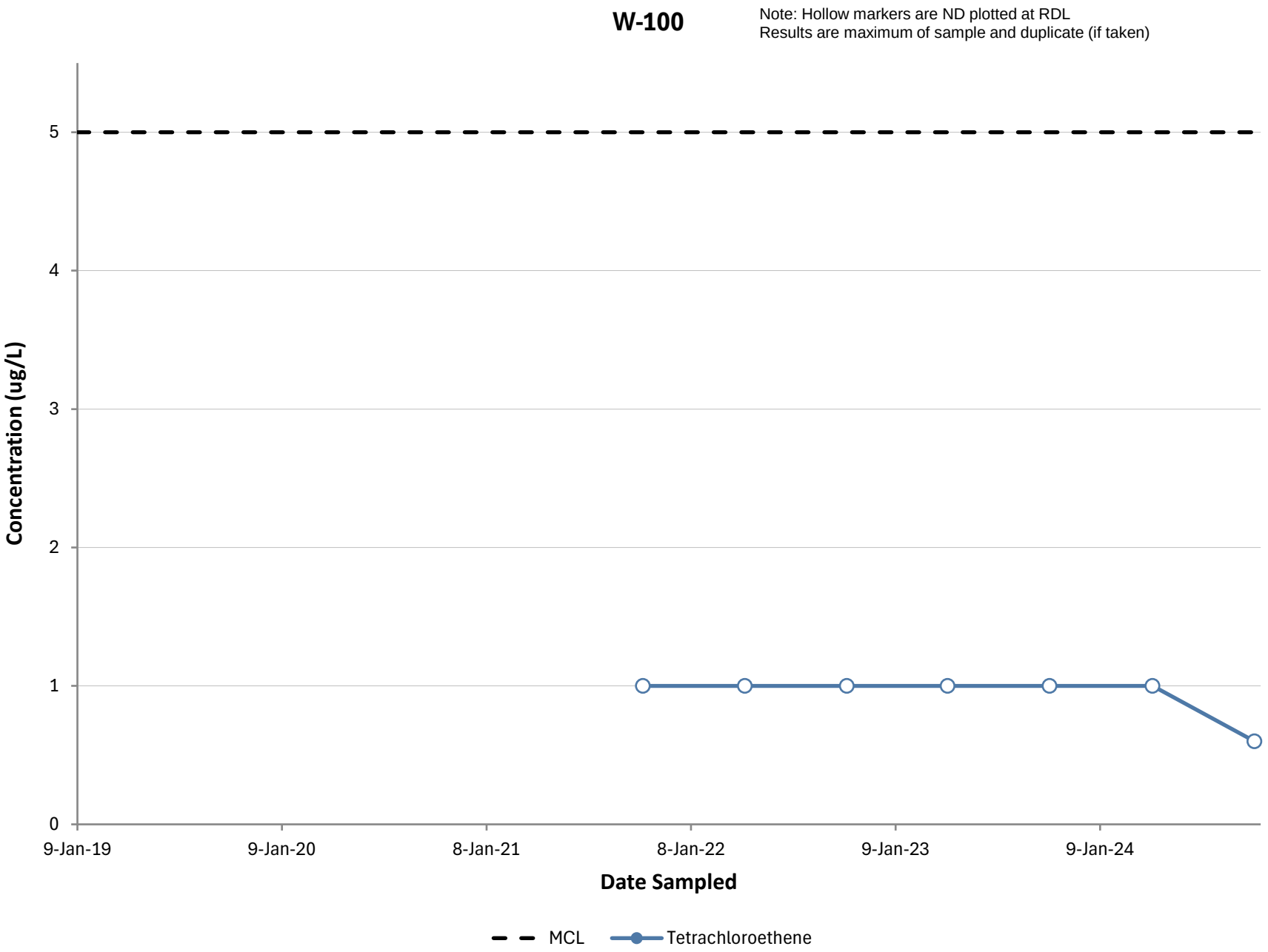


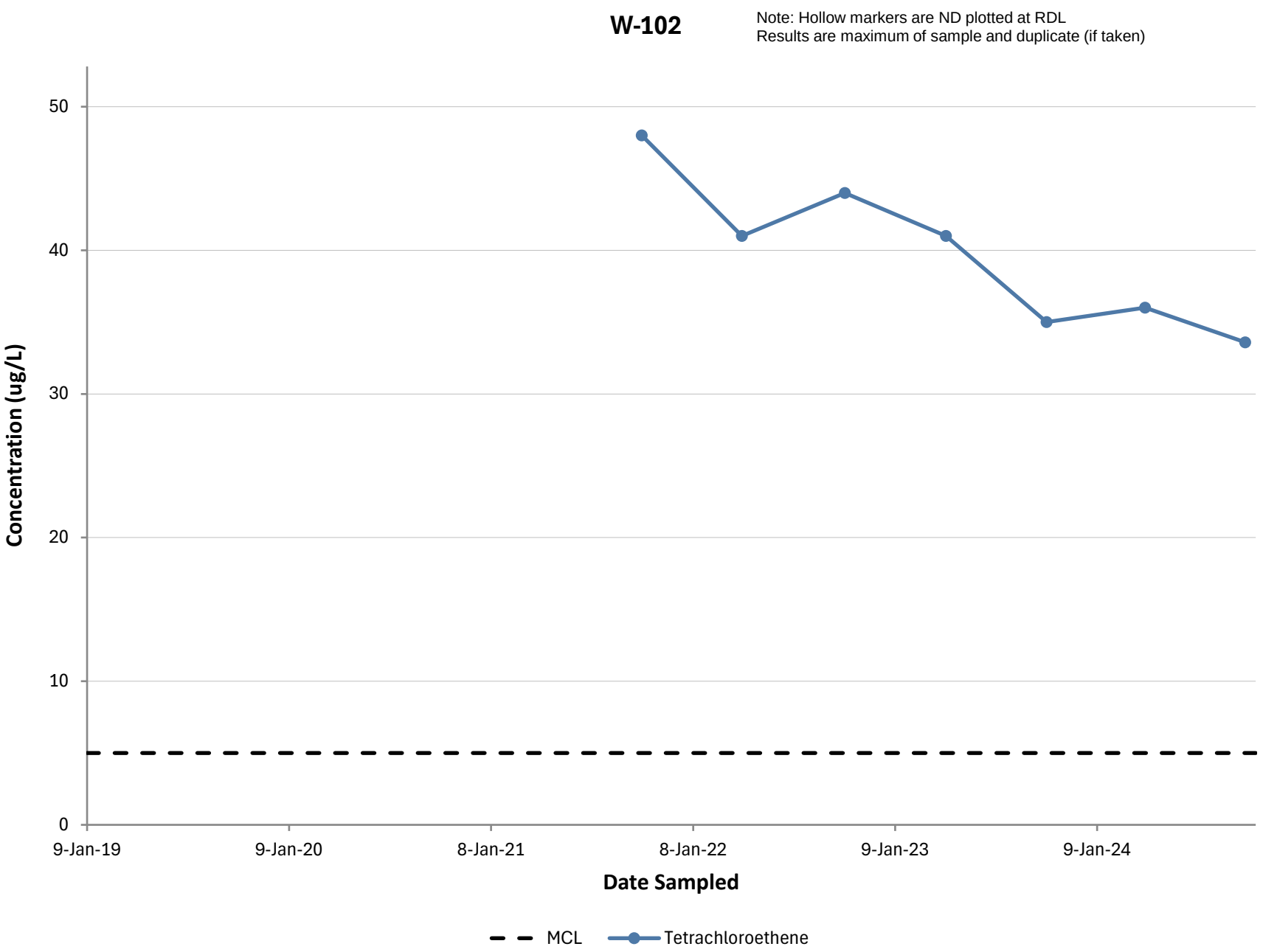

W-96
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

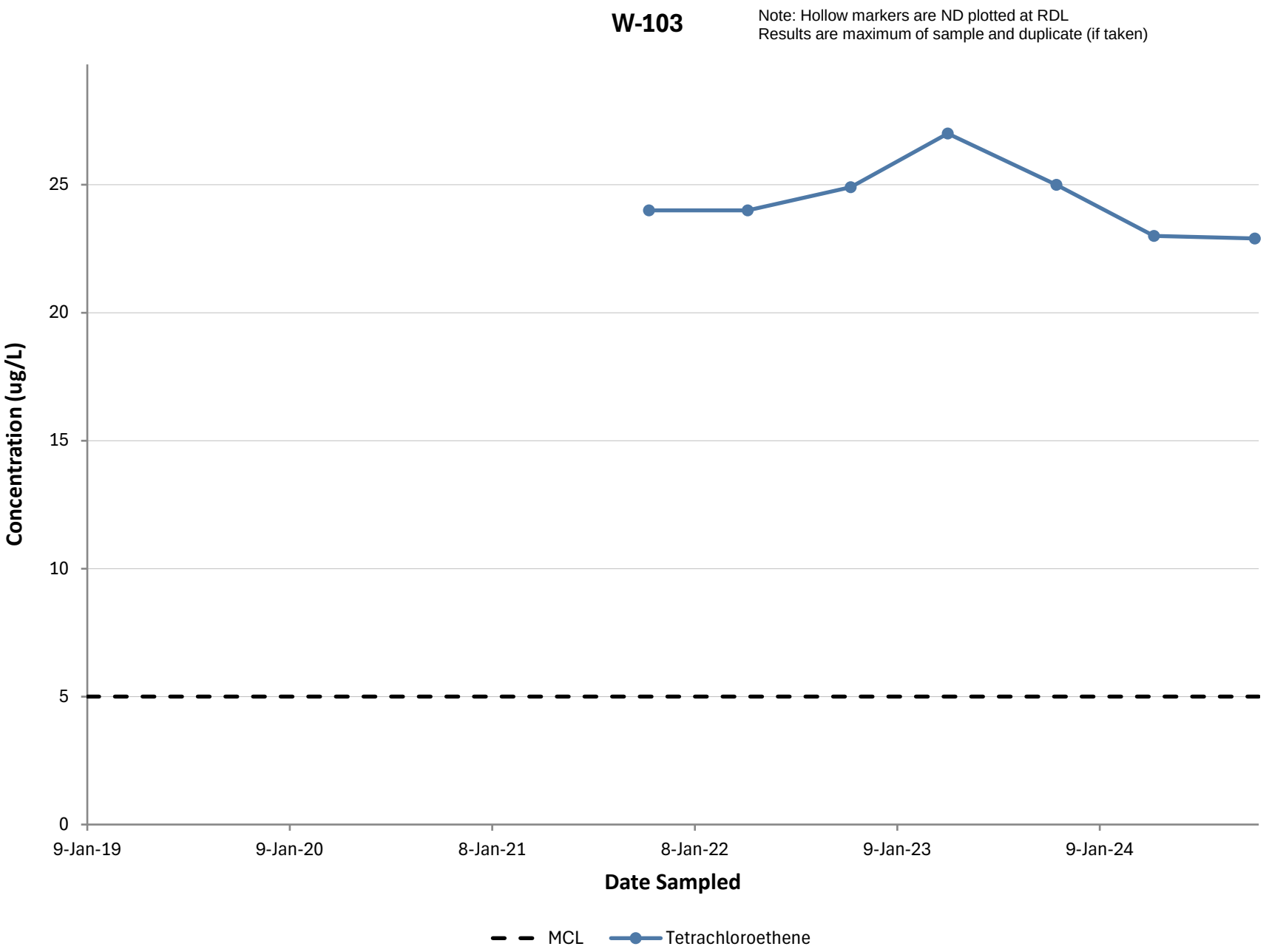

W-97
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
2
4
6
8
10
12
14
16
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-98
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-99
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
2
4
6
8
10
12
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

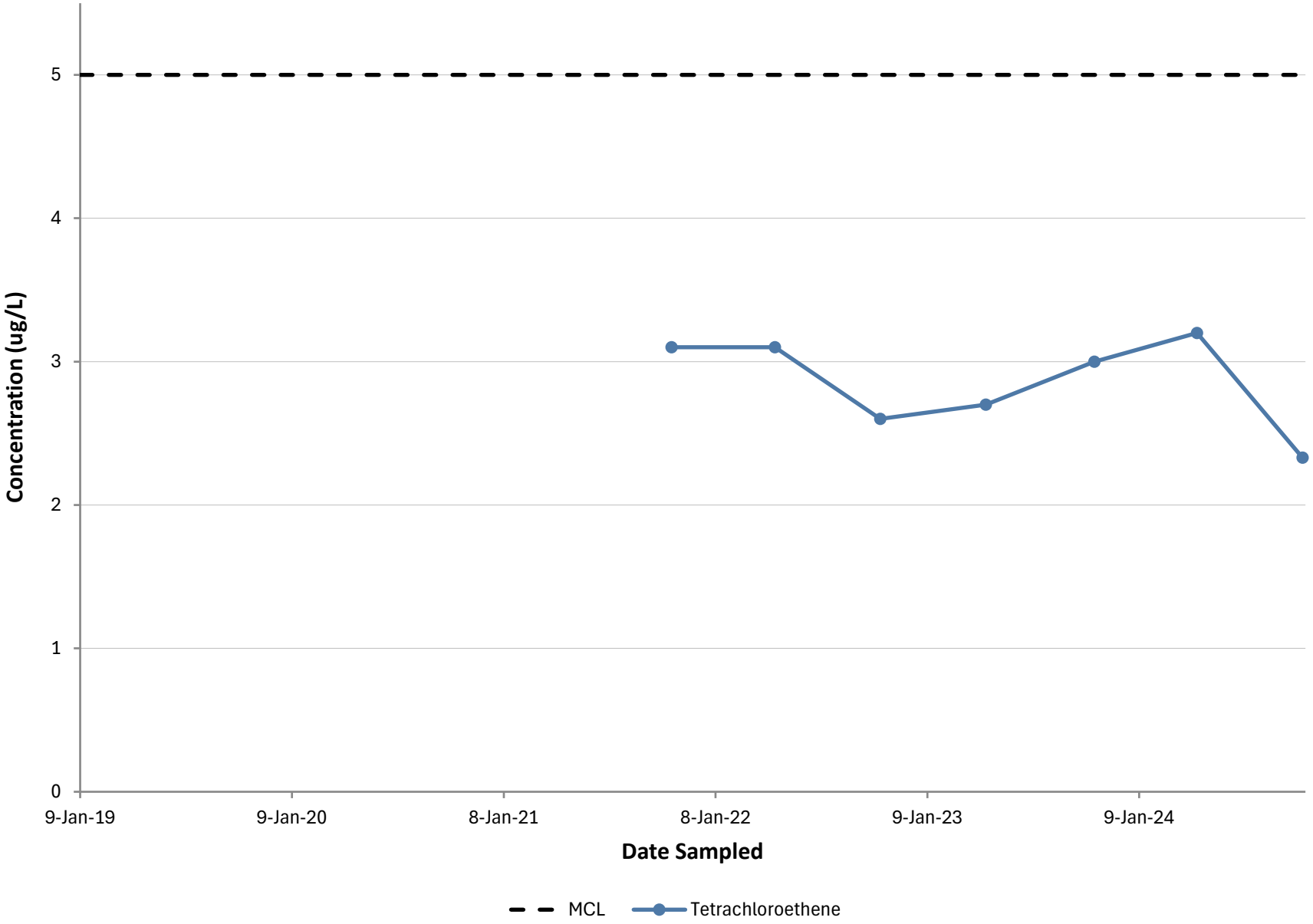

W-100
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

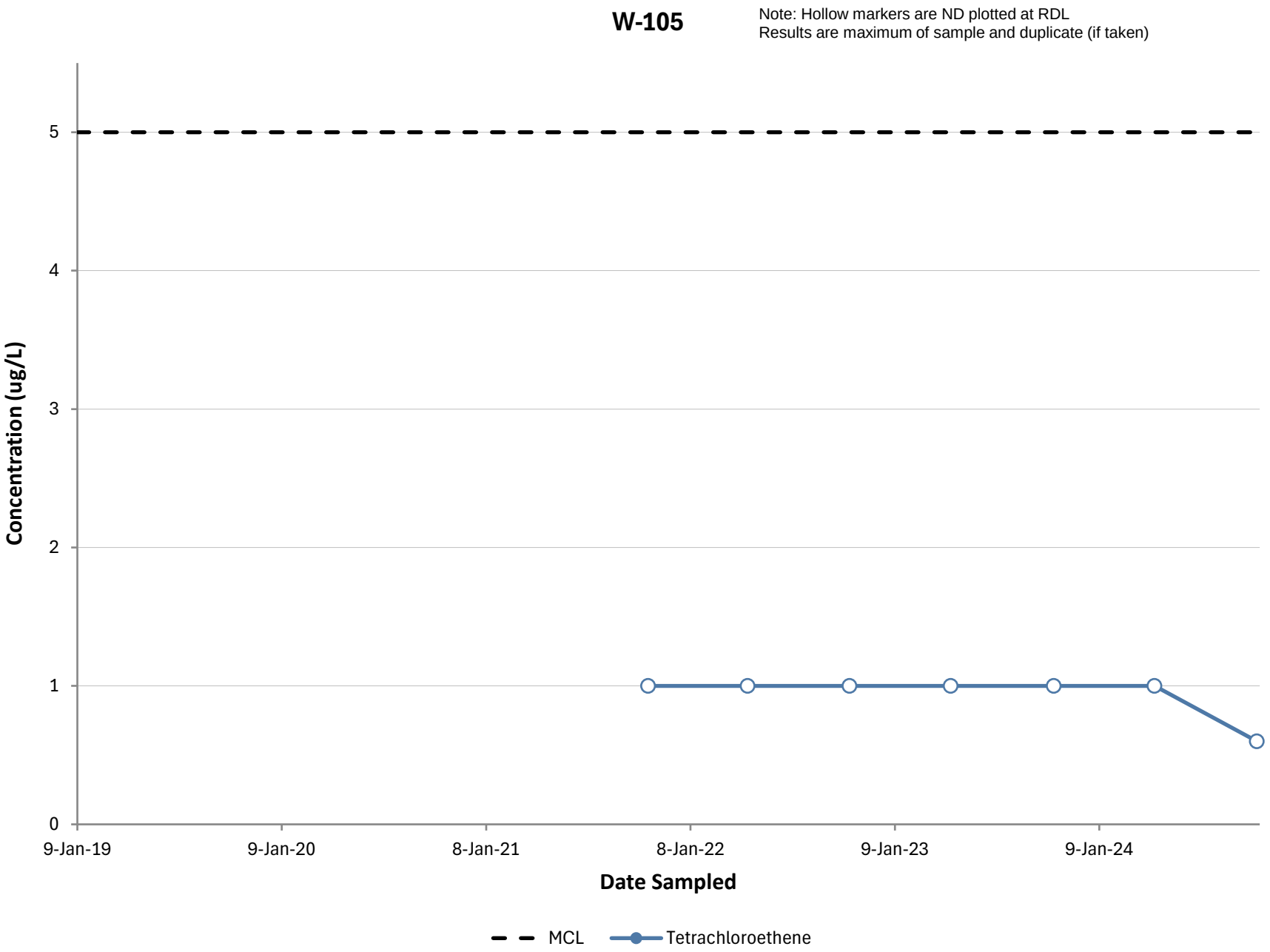

W-102
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
50
40
30
20
10
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-103
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

W-104

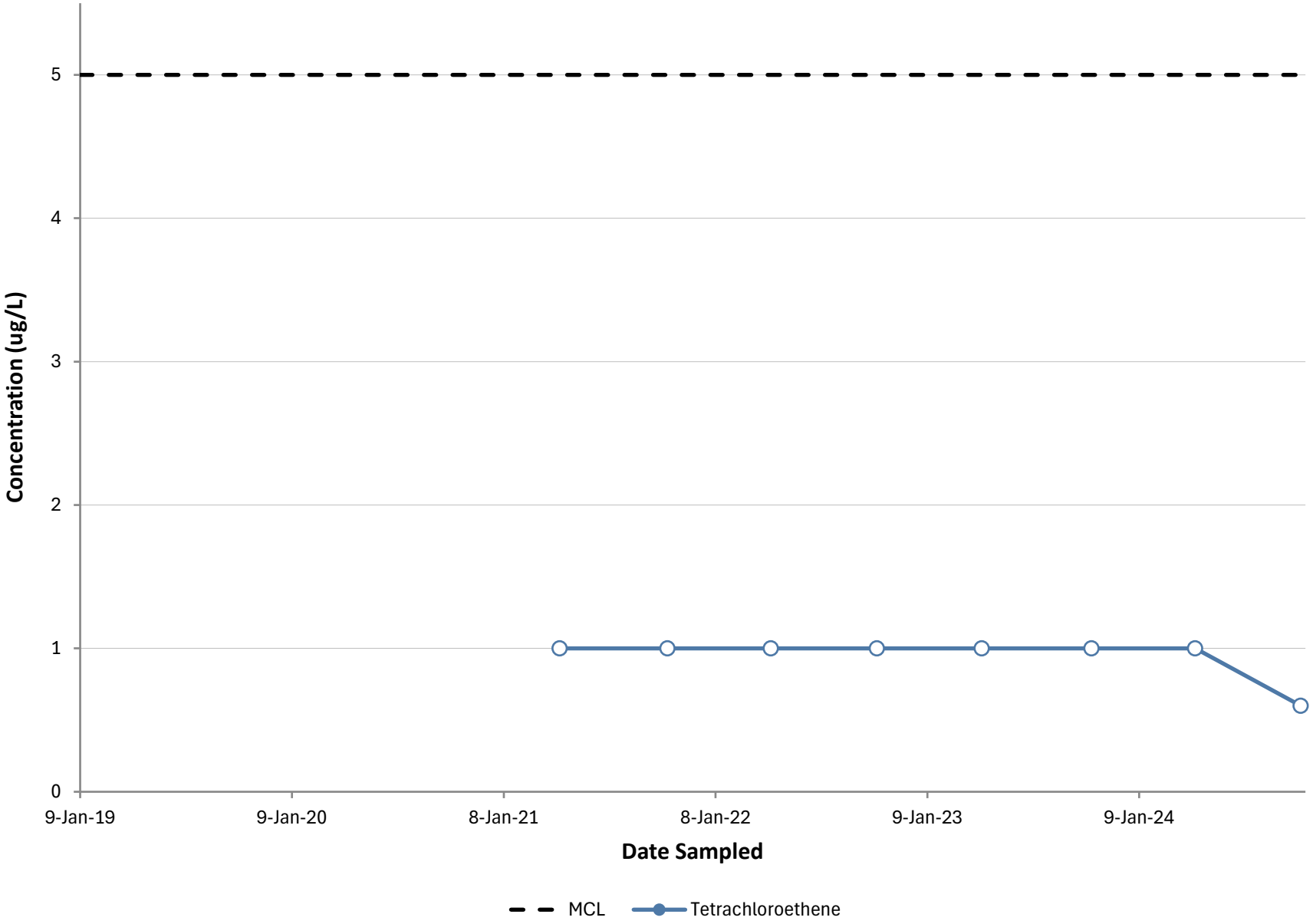
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

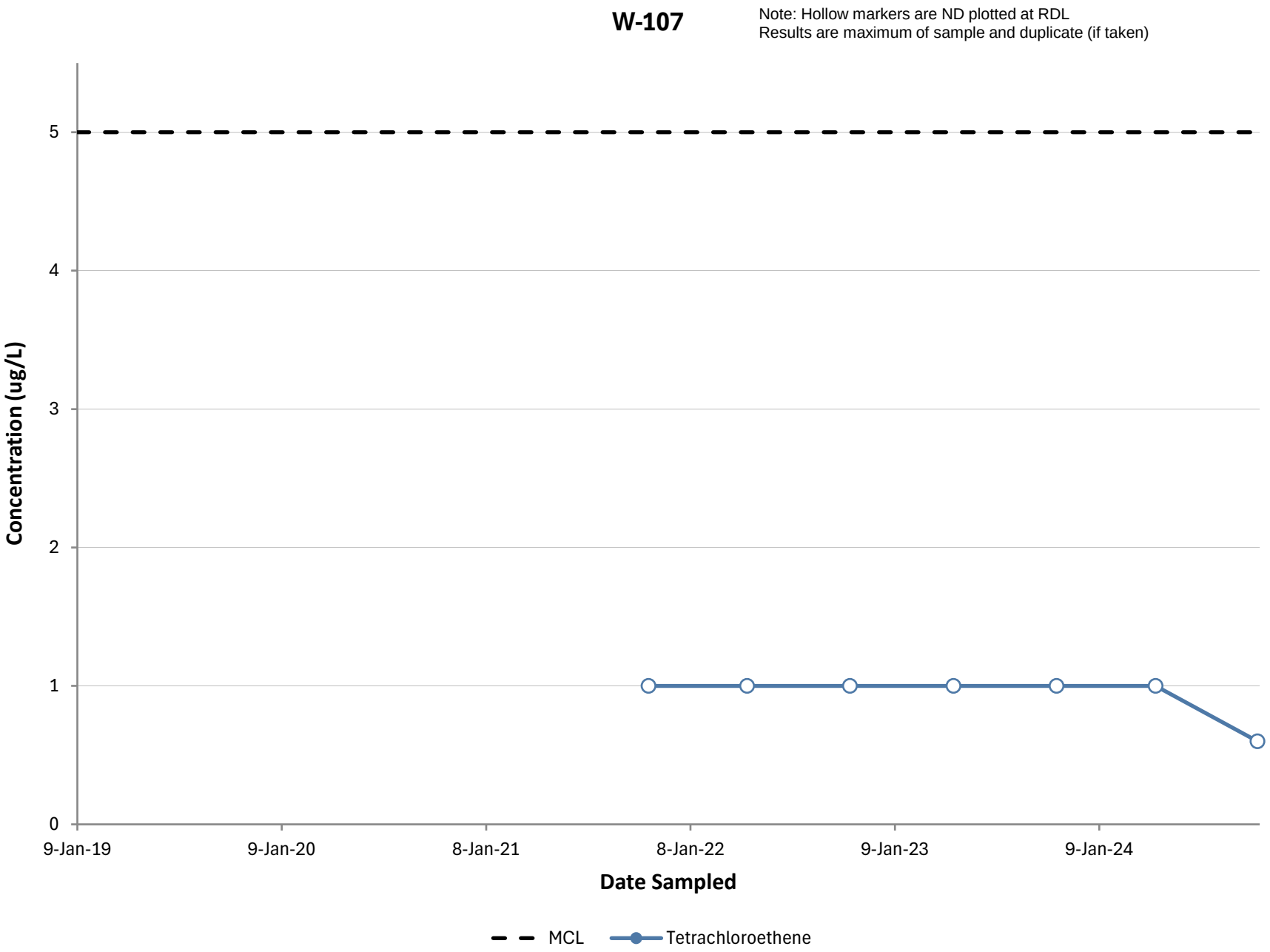


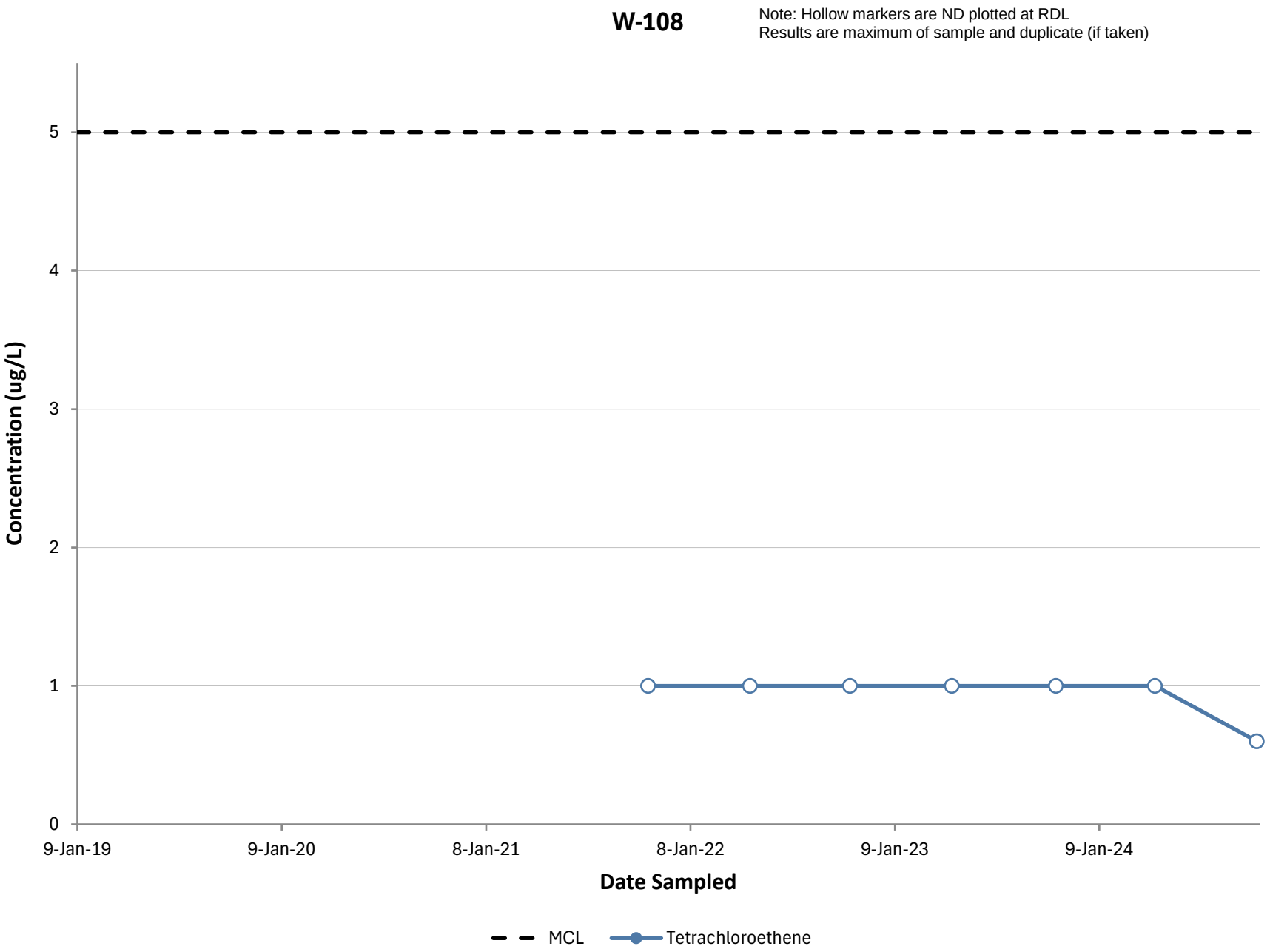

W-105
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

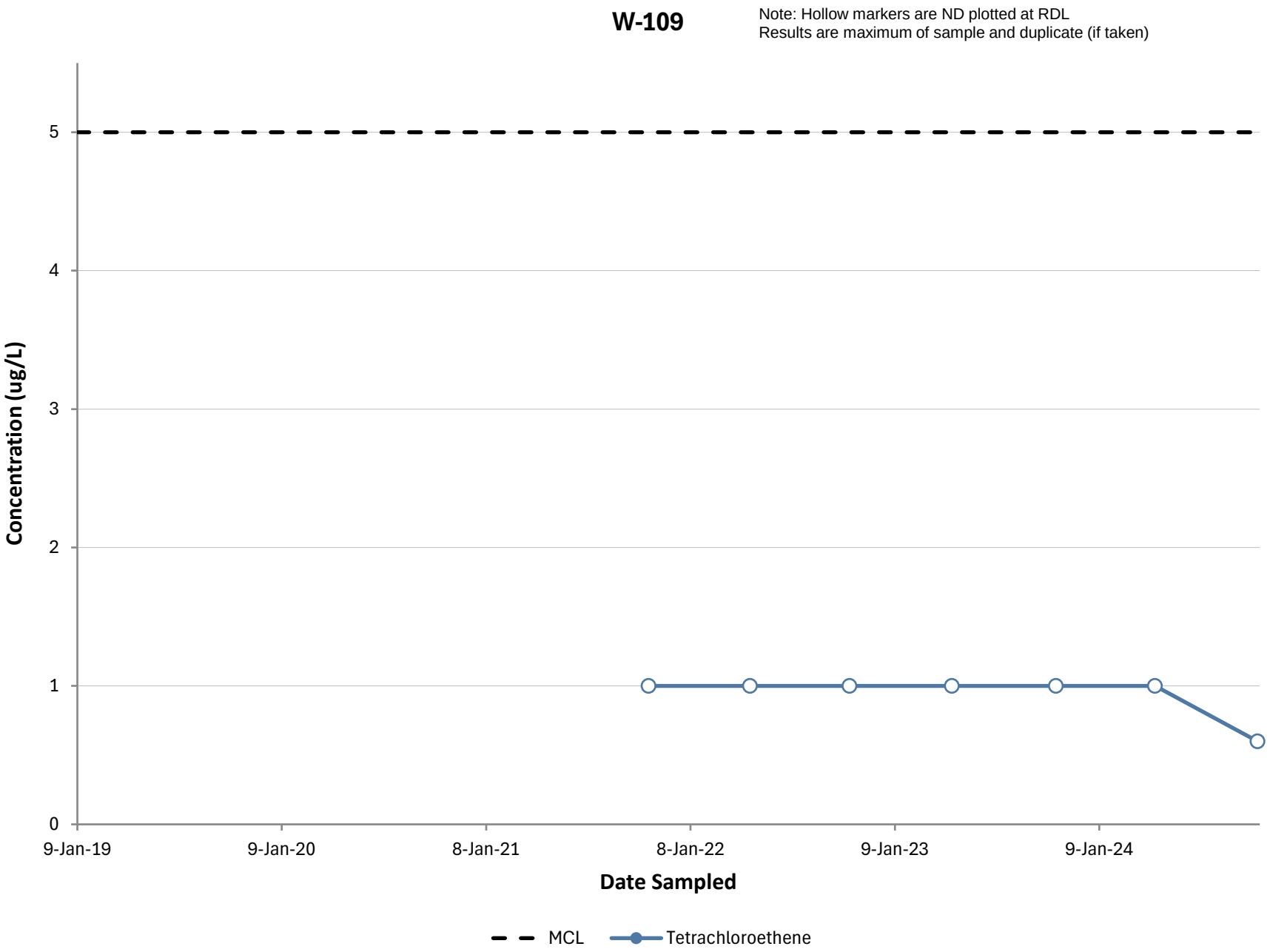
W-106

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



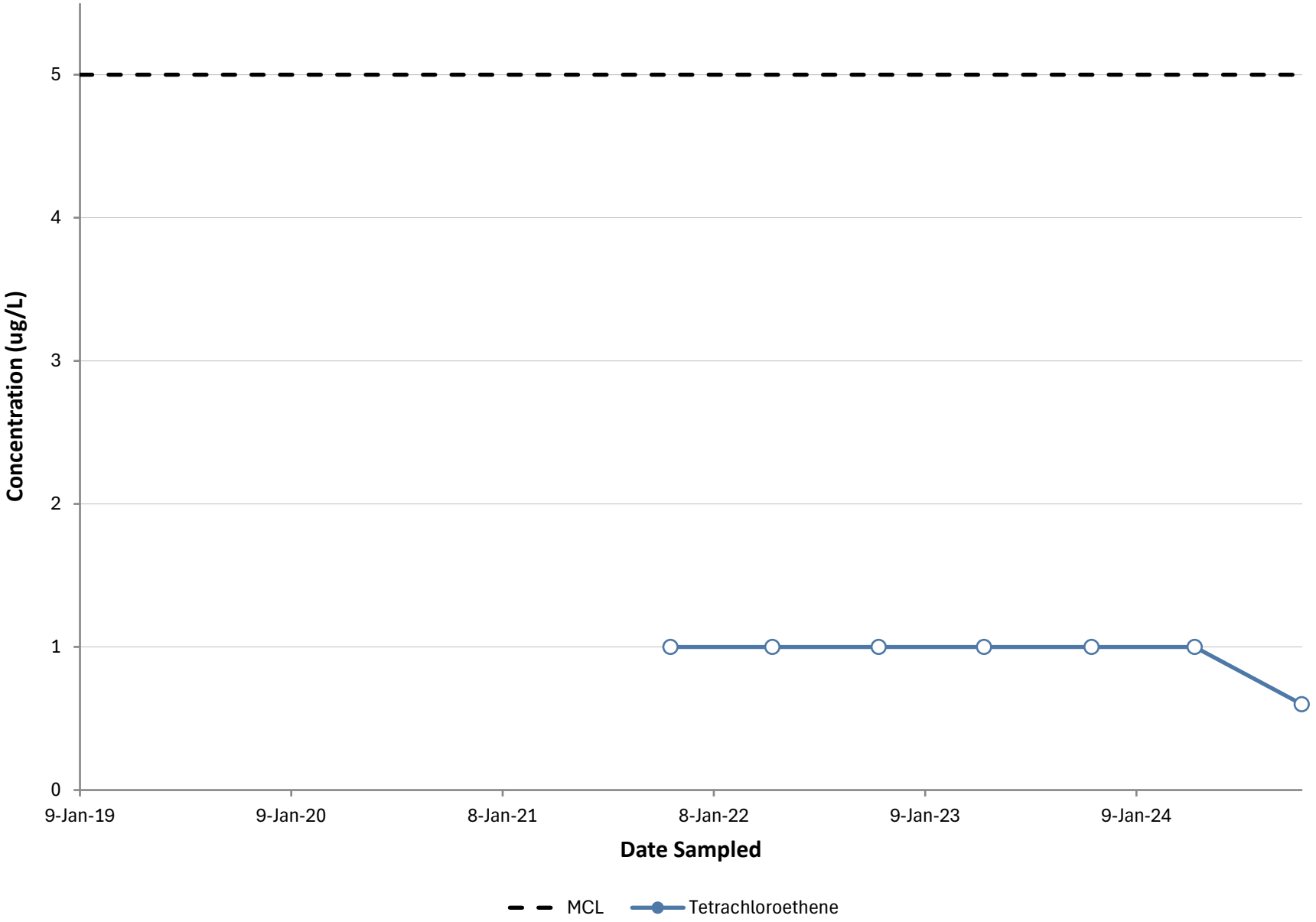

W-107
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

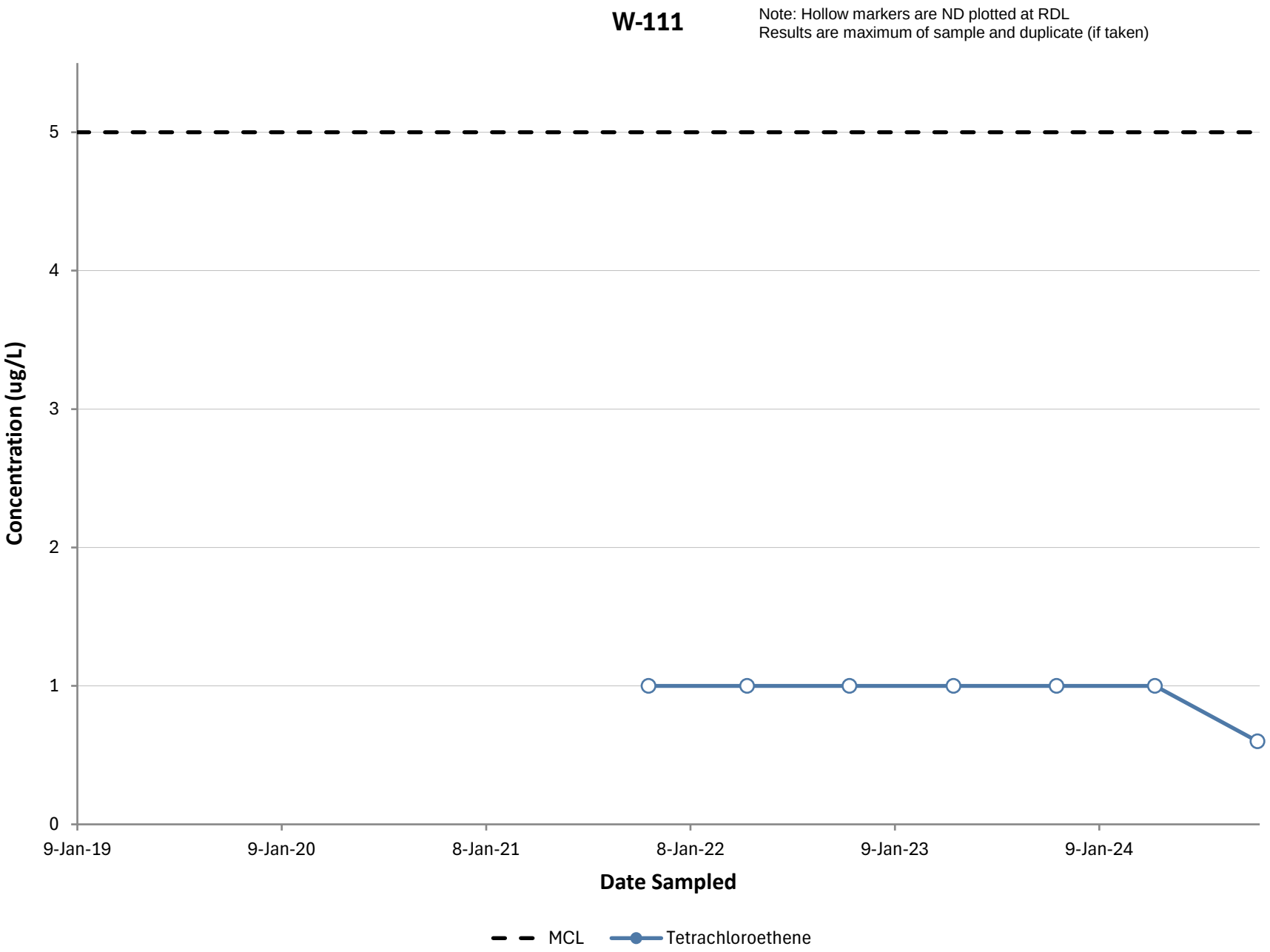

W-108
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

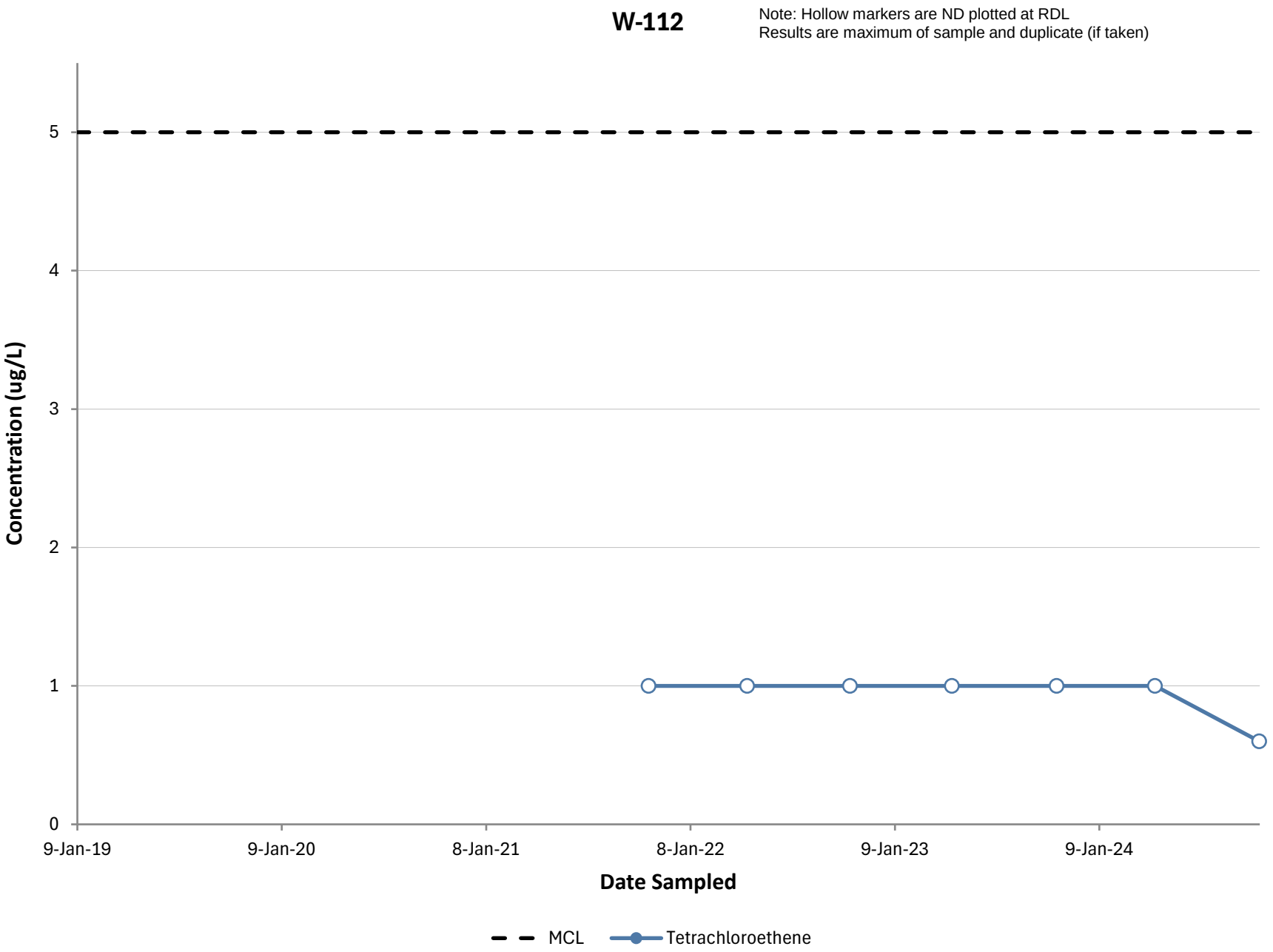

W-109
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

W-110

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

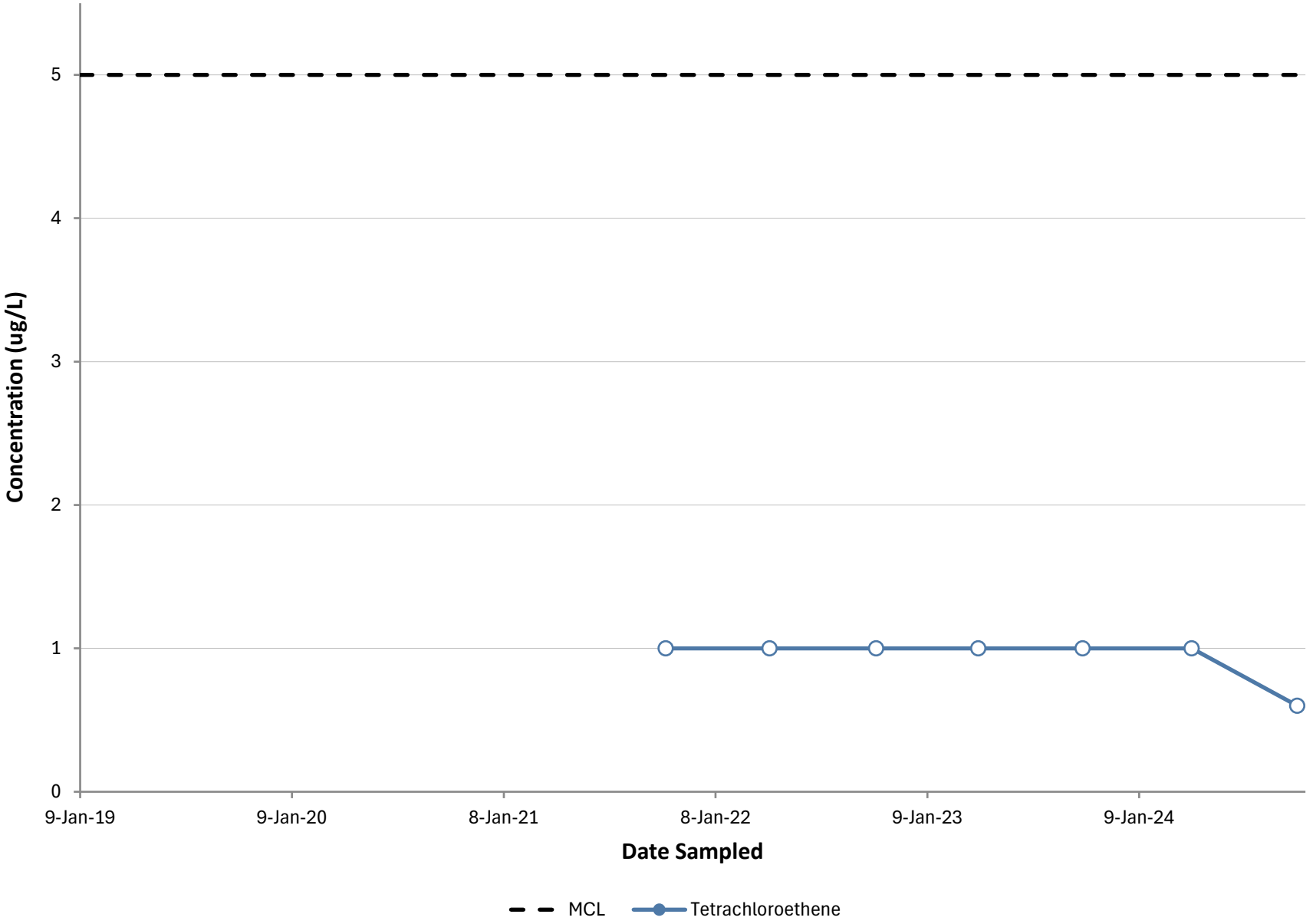


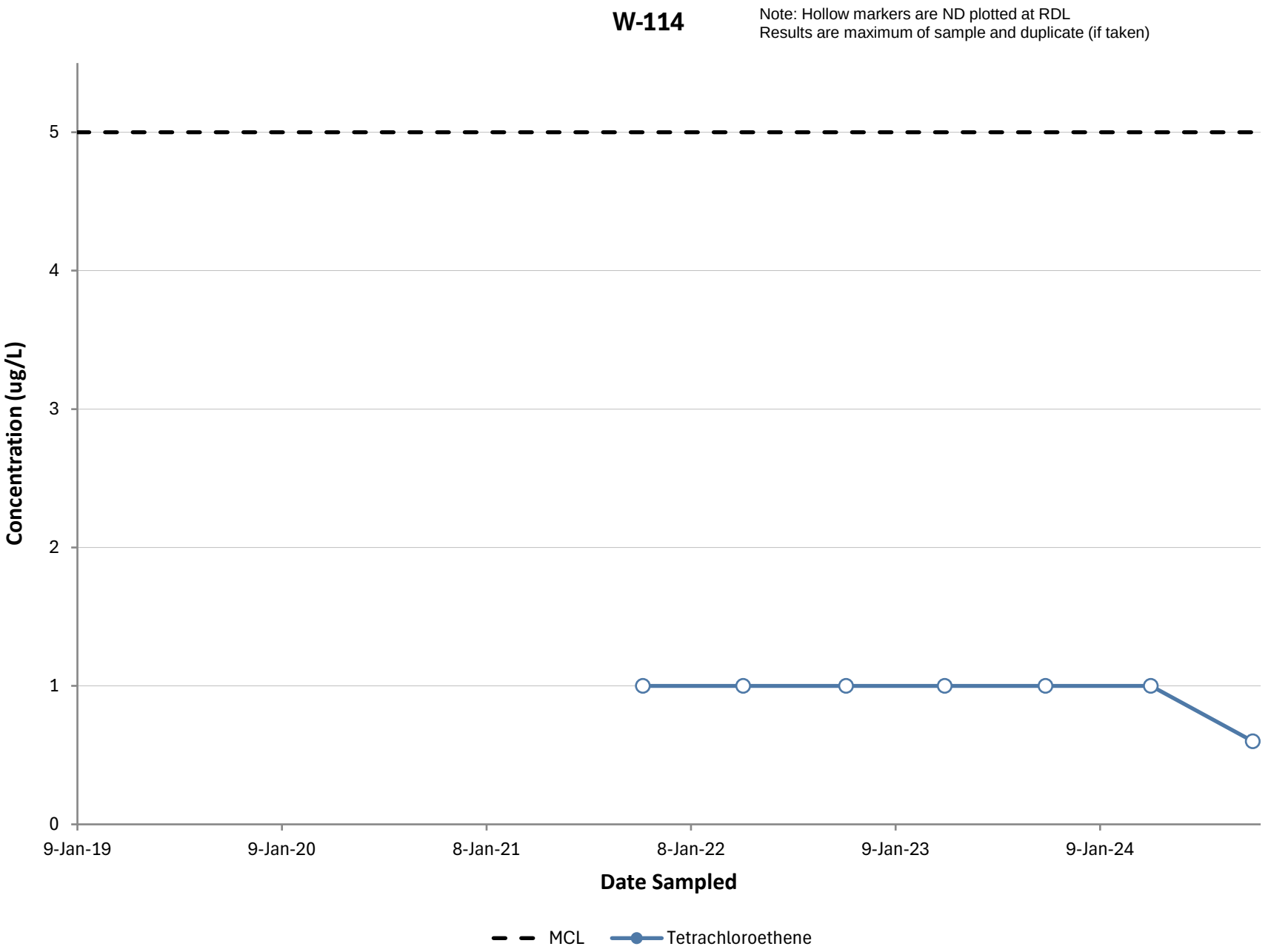

W-111
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene


W-112
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

W-113

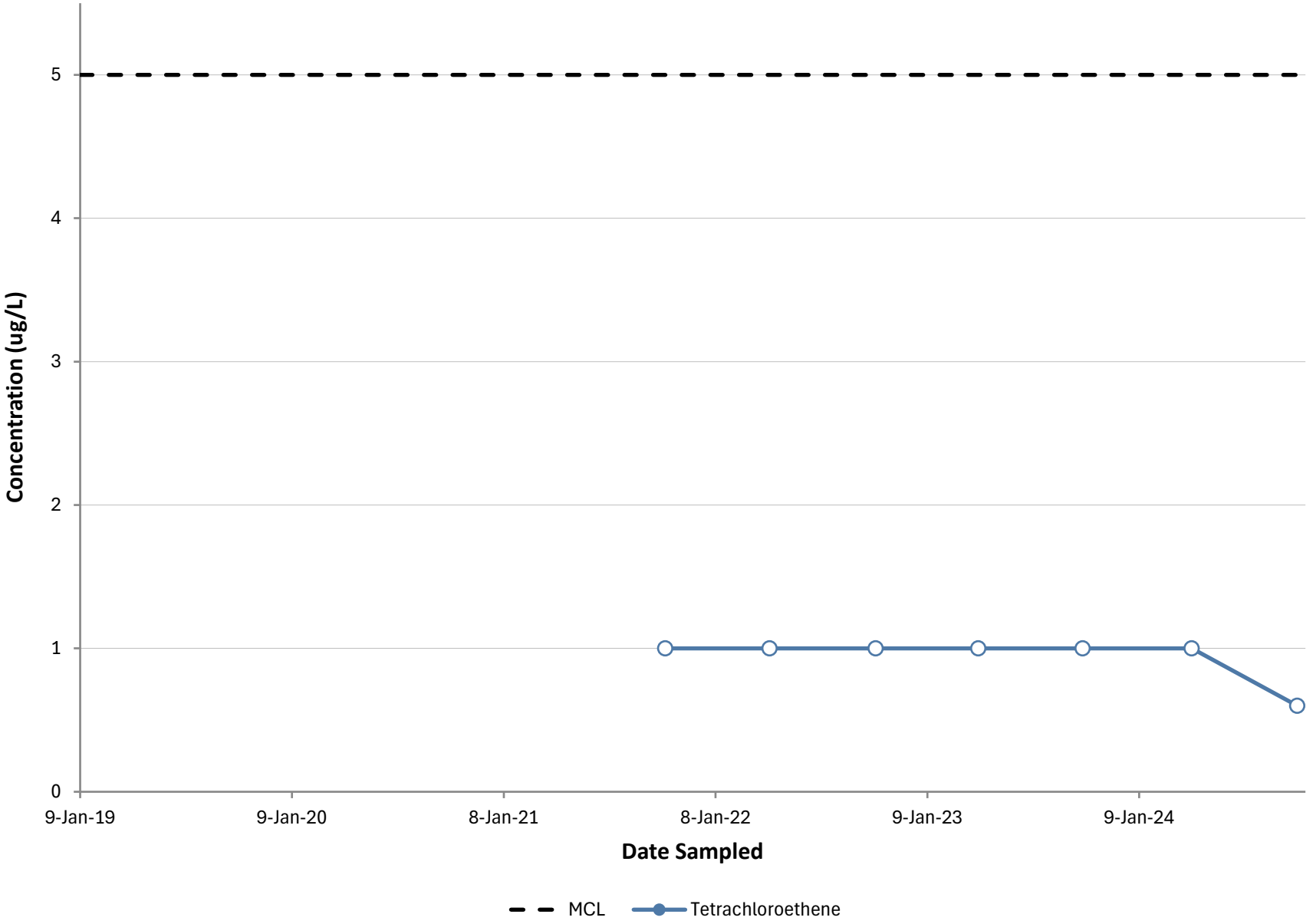
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-114
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

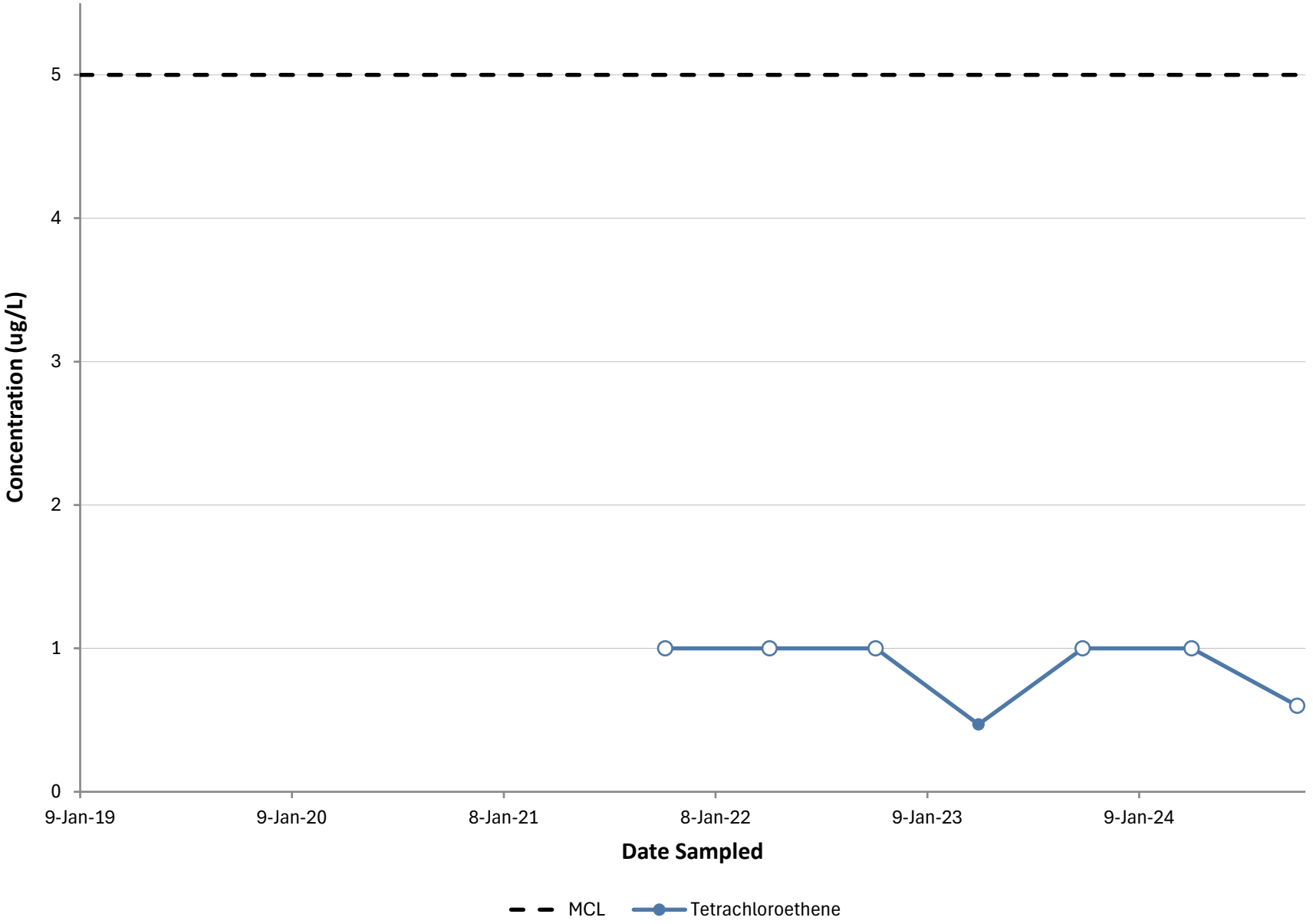
W-115

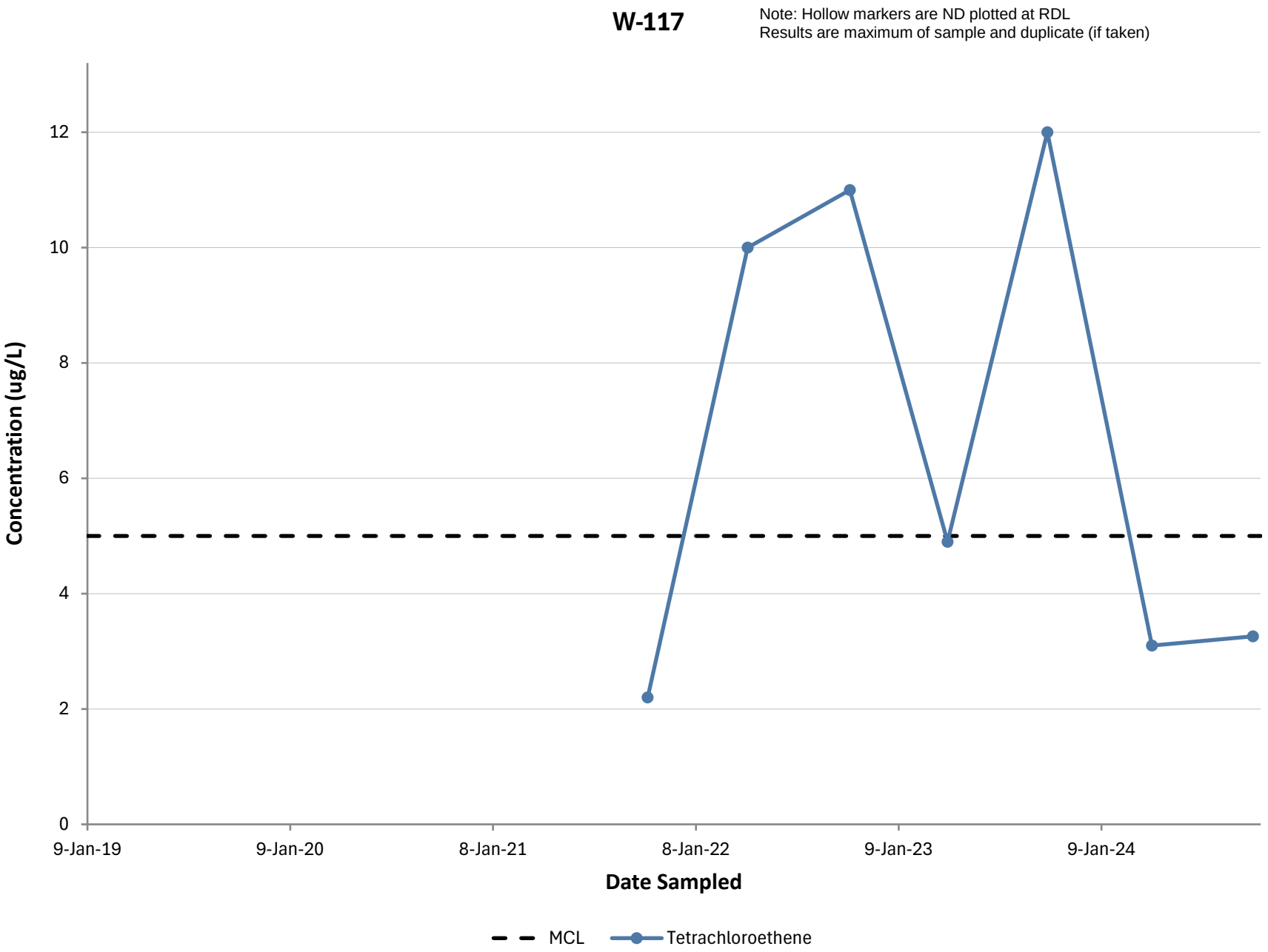
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

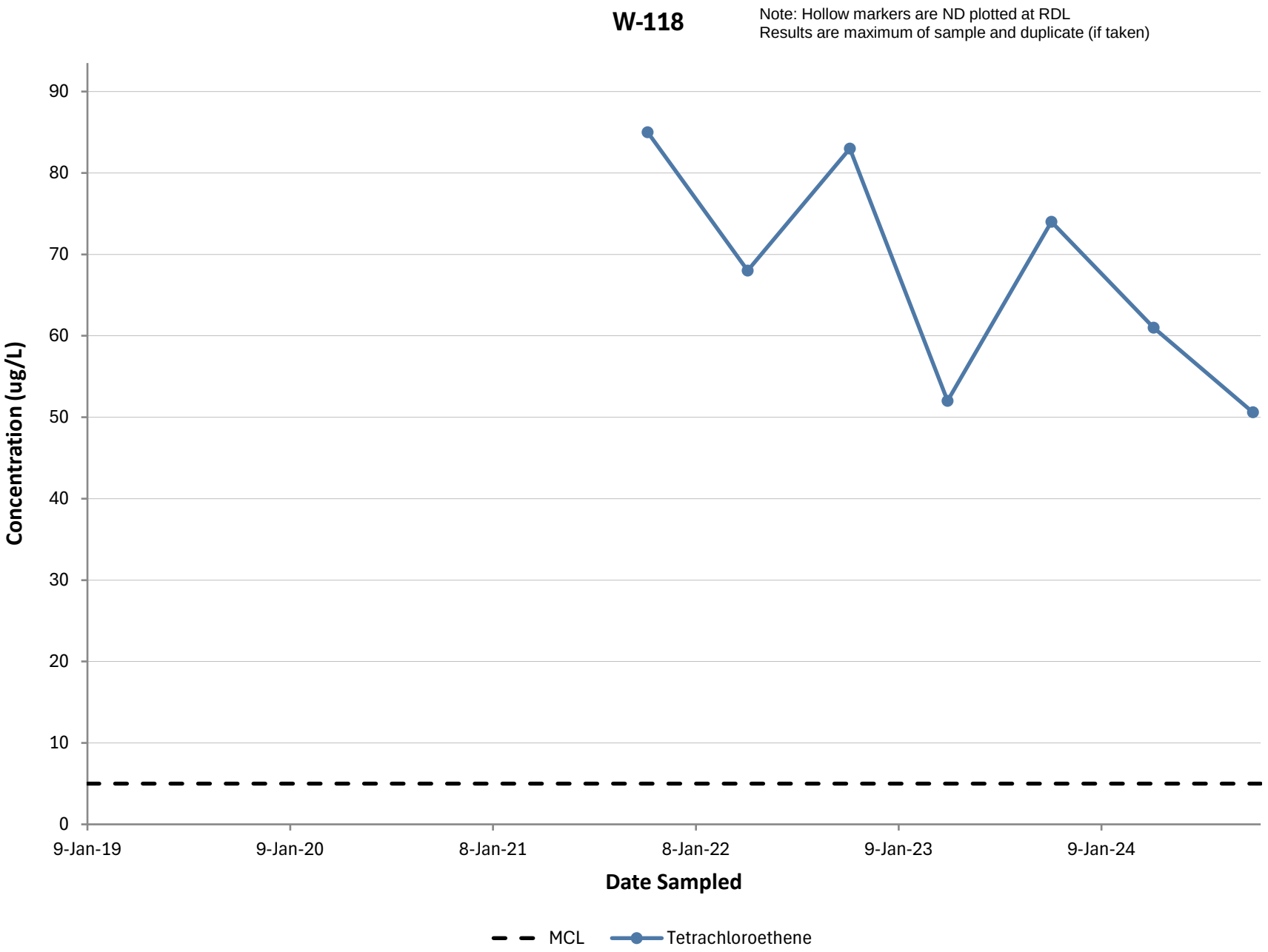


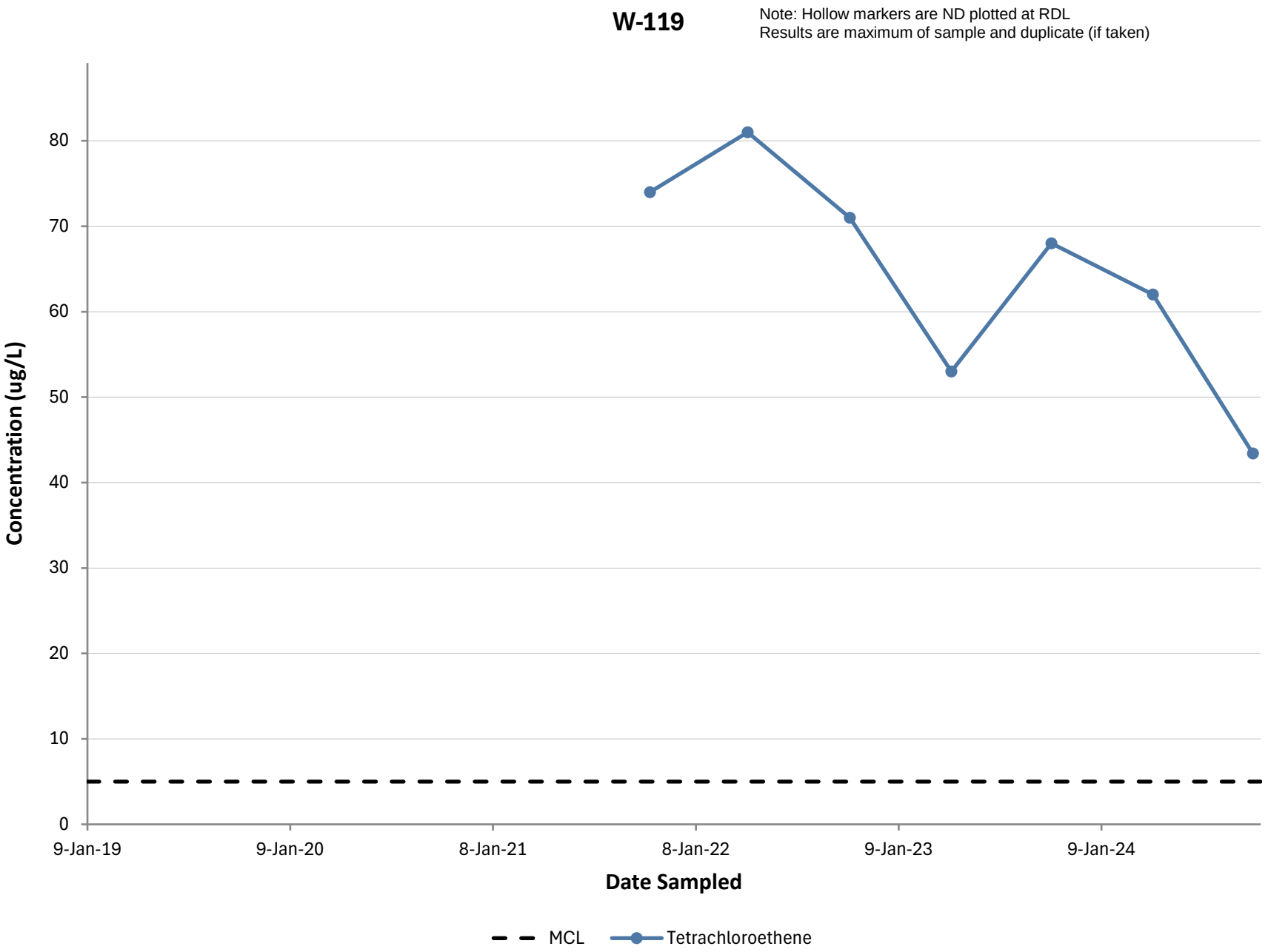
W-116

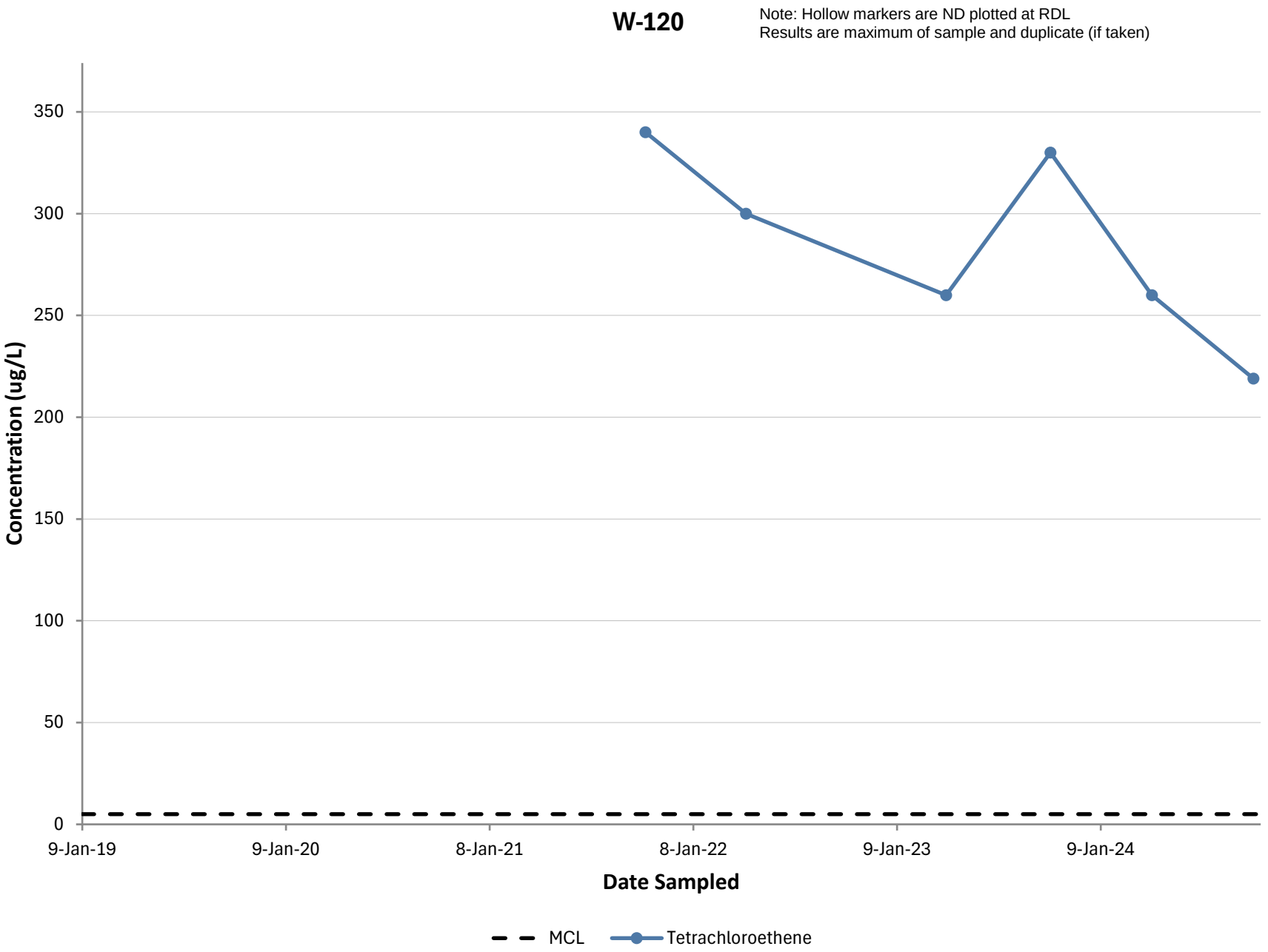
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

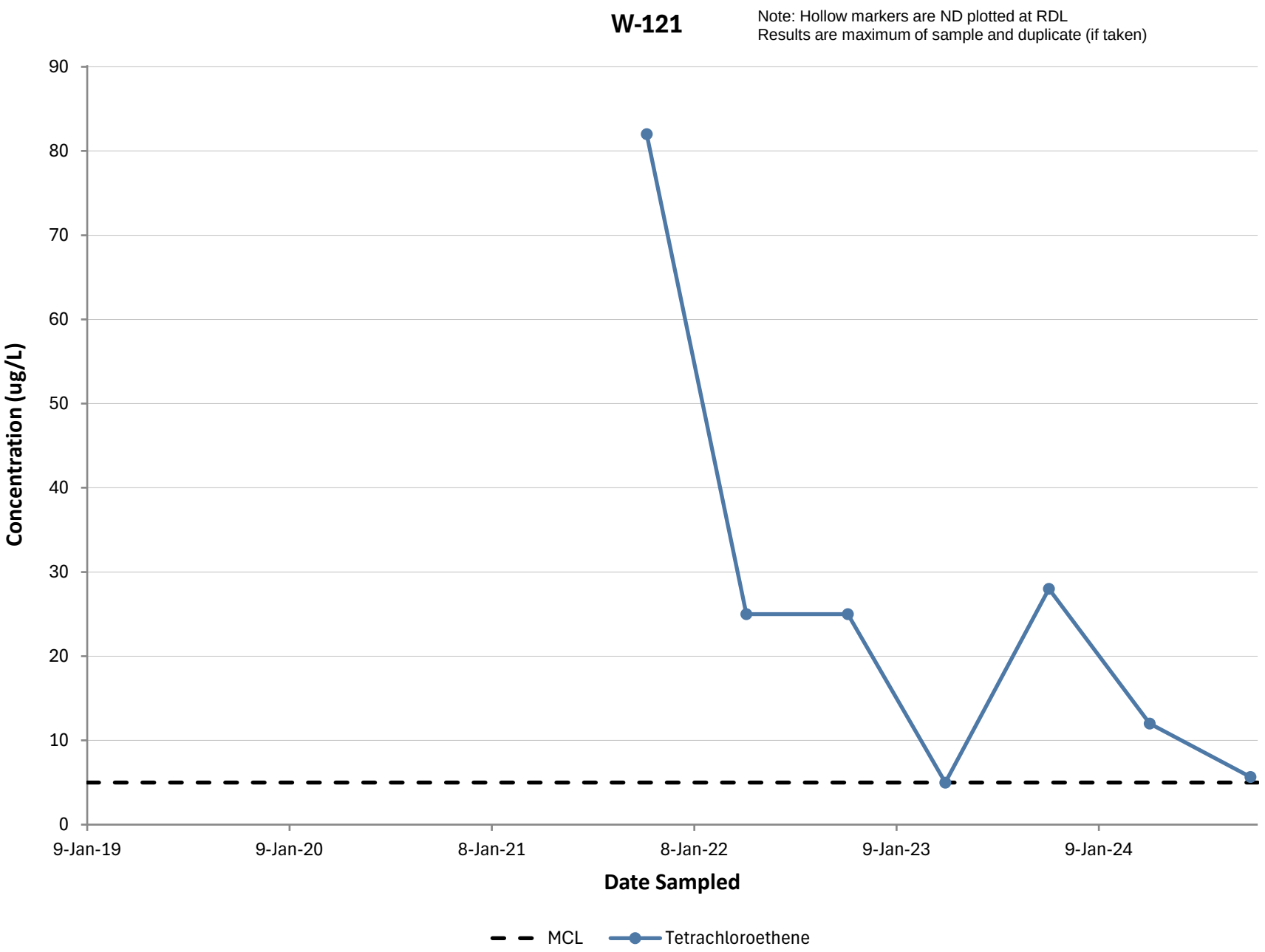


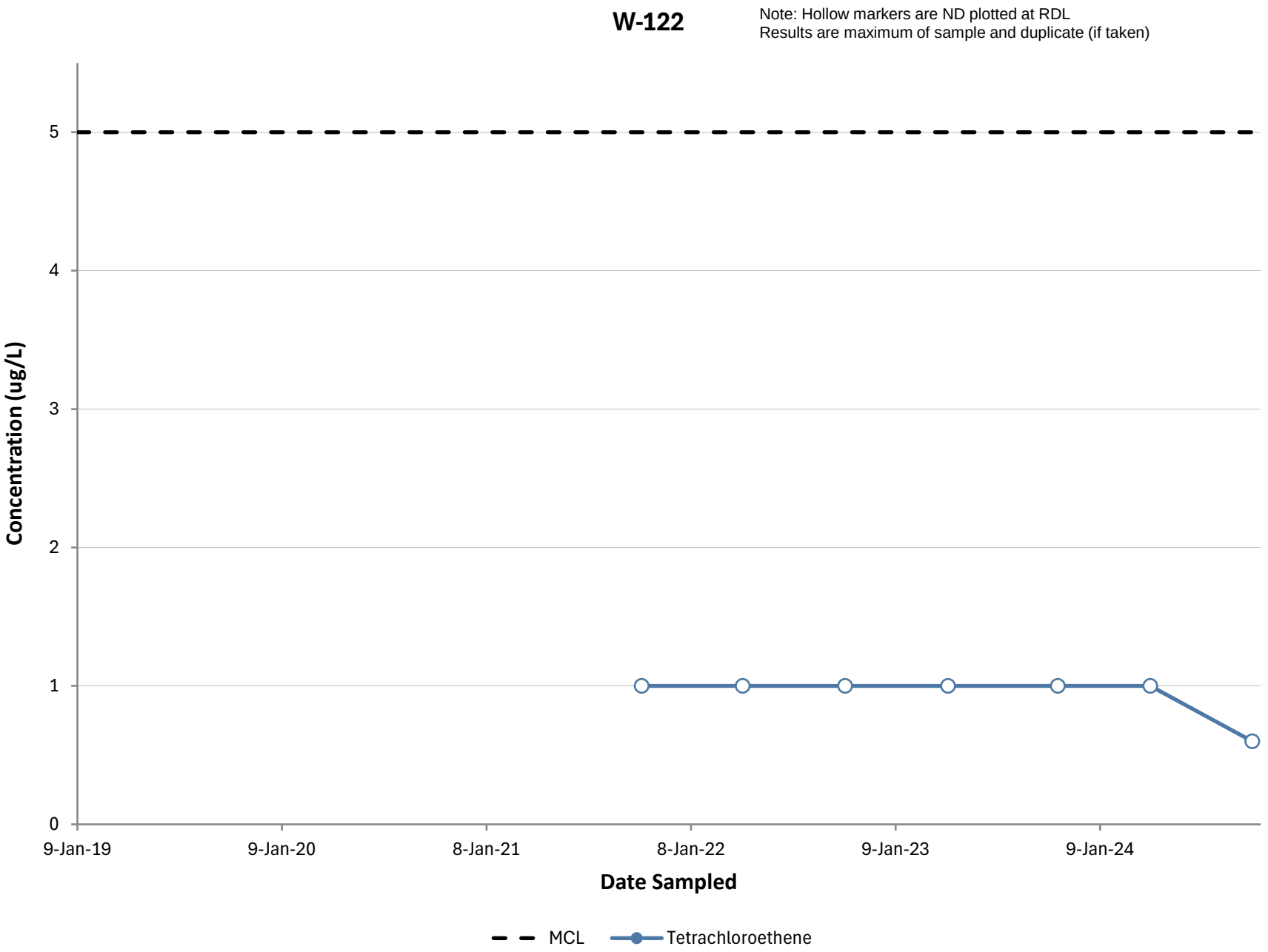

W-117
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
2
4
6
8
10
12
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

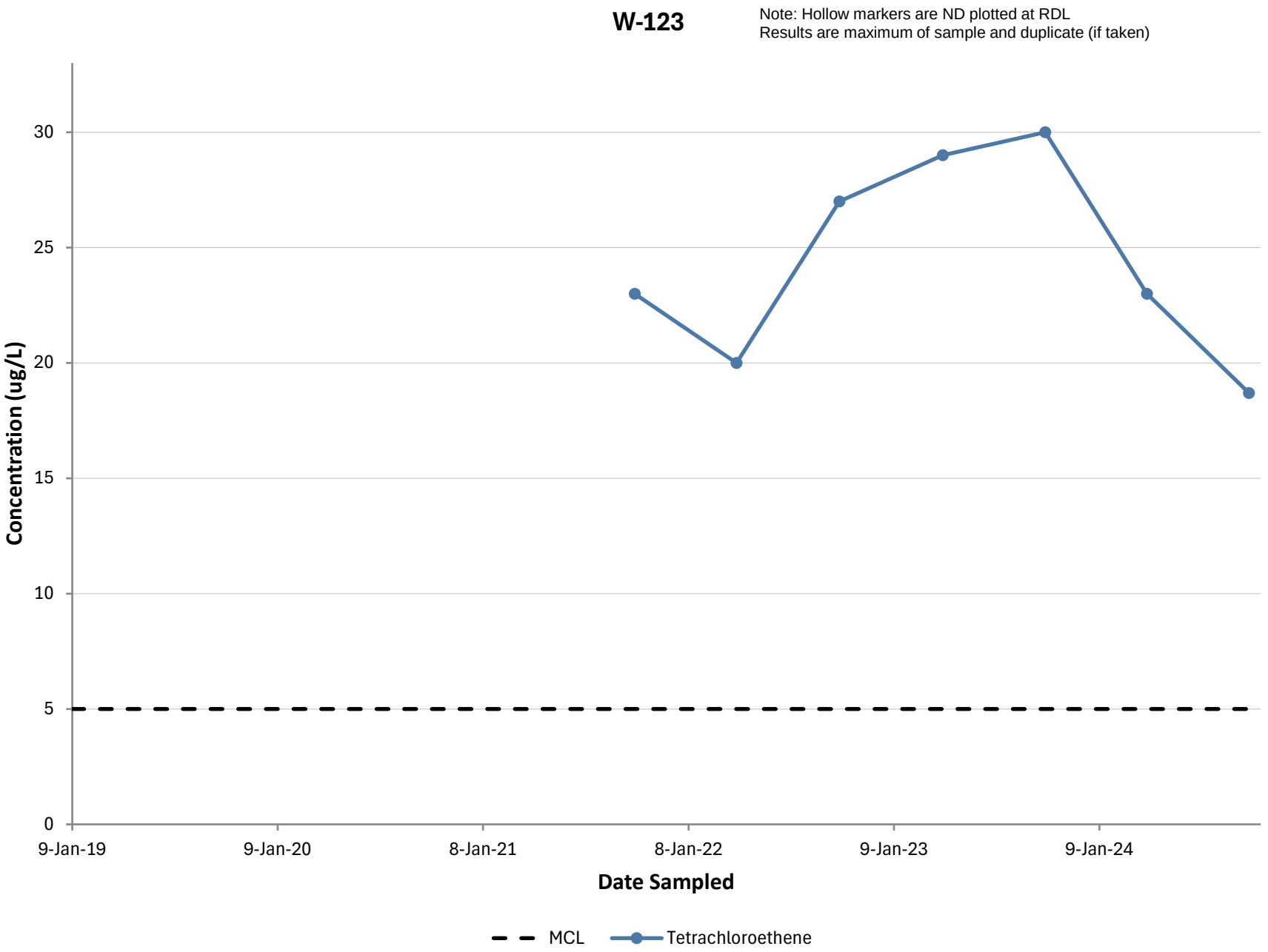

W-118
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
90
80
70
60
50
40
30
20
10
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

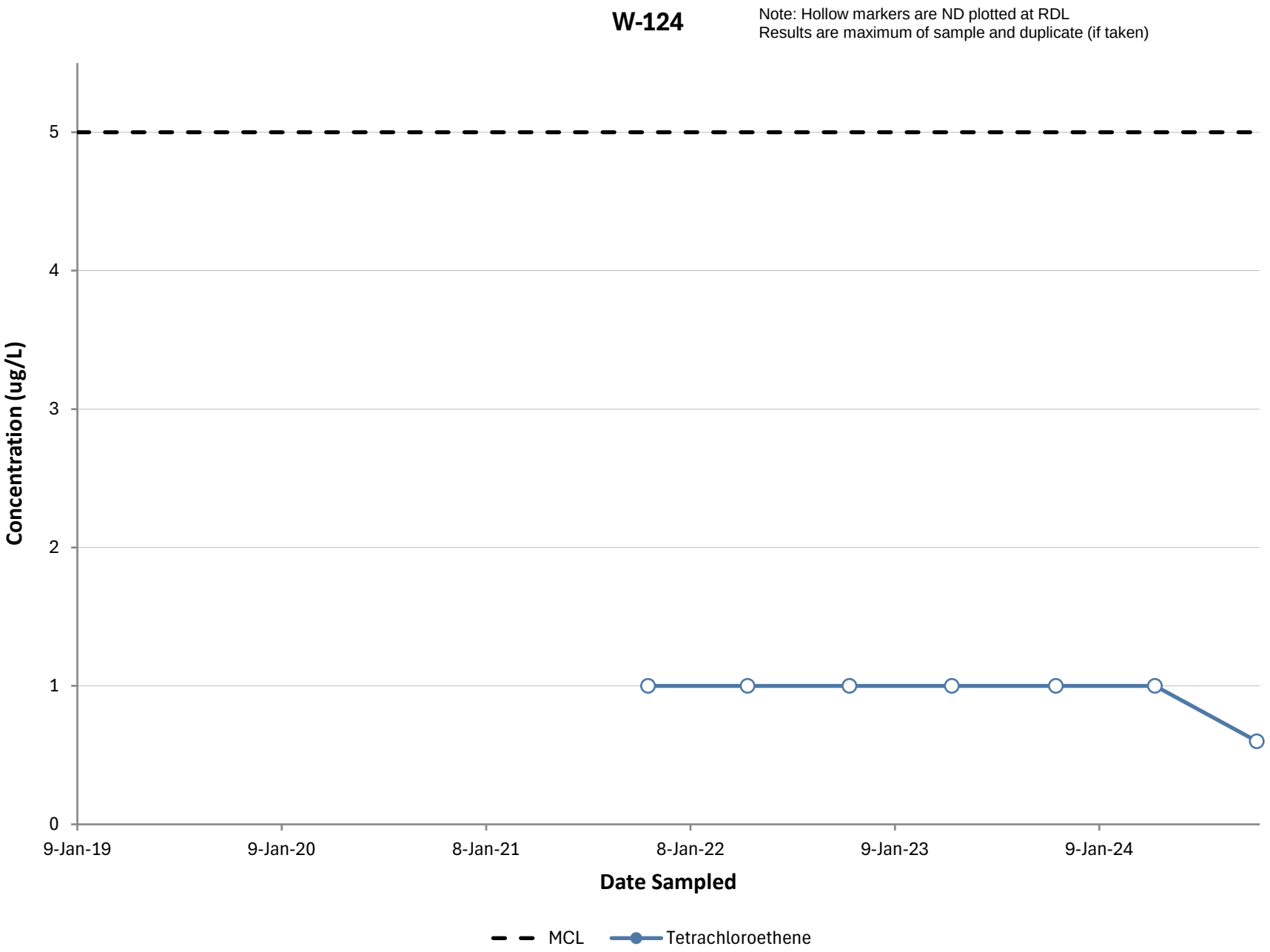

W-119
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
10
20
30
40
50
60
70
80
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

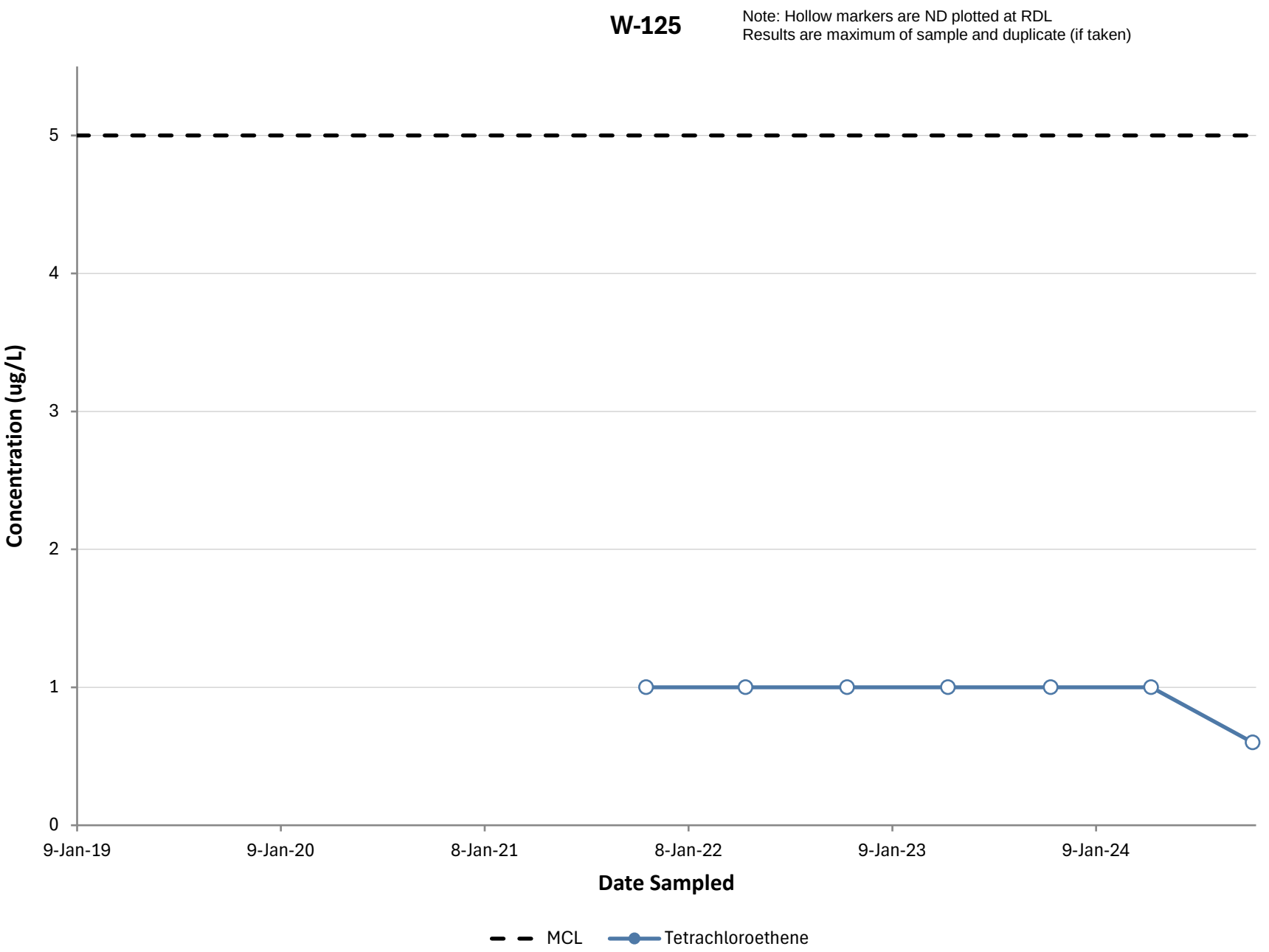

W-120
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
350
300
250
200
150
100
50
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

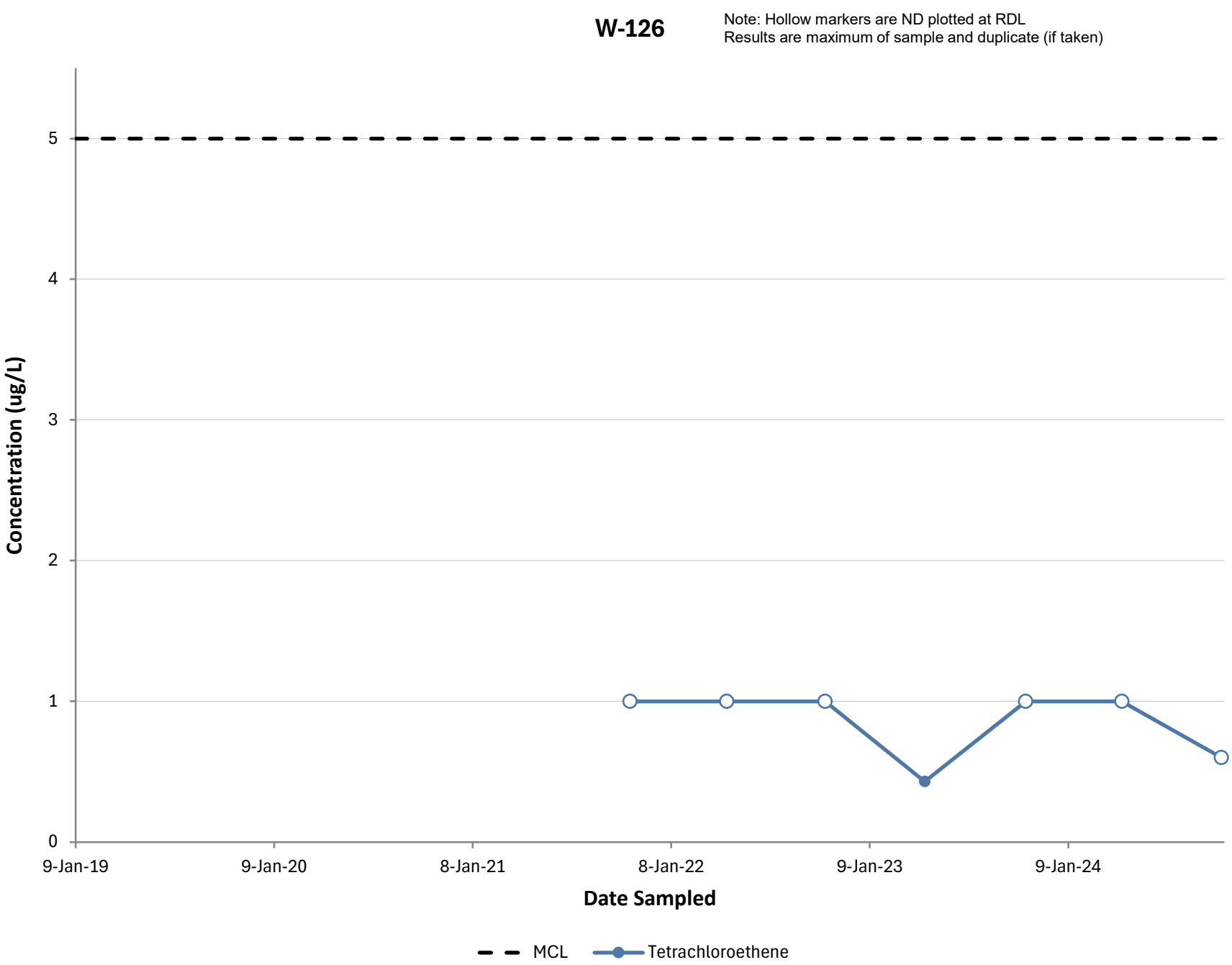

W-121
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
90
80
70
60
50
40
30
20
10
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

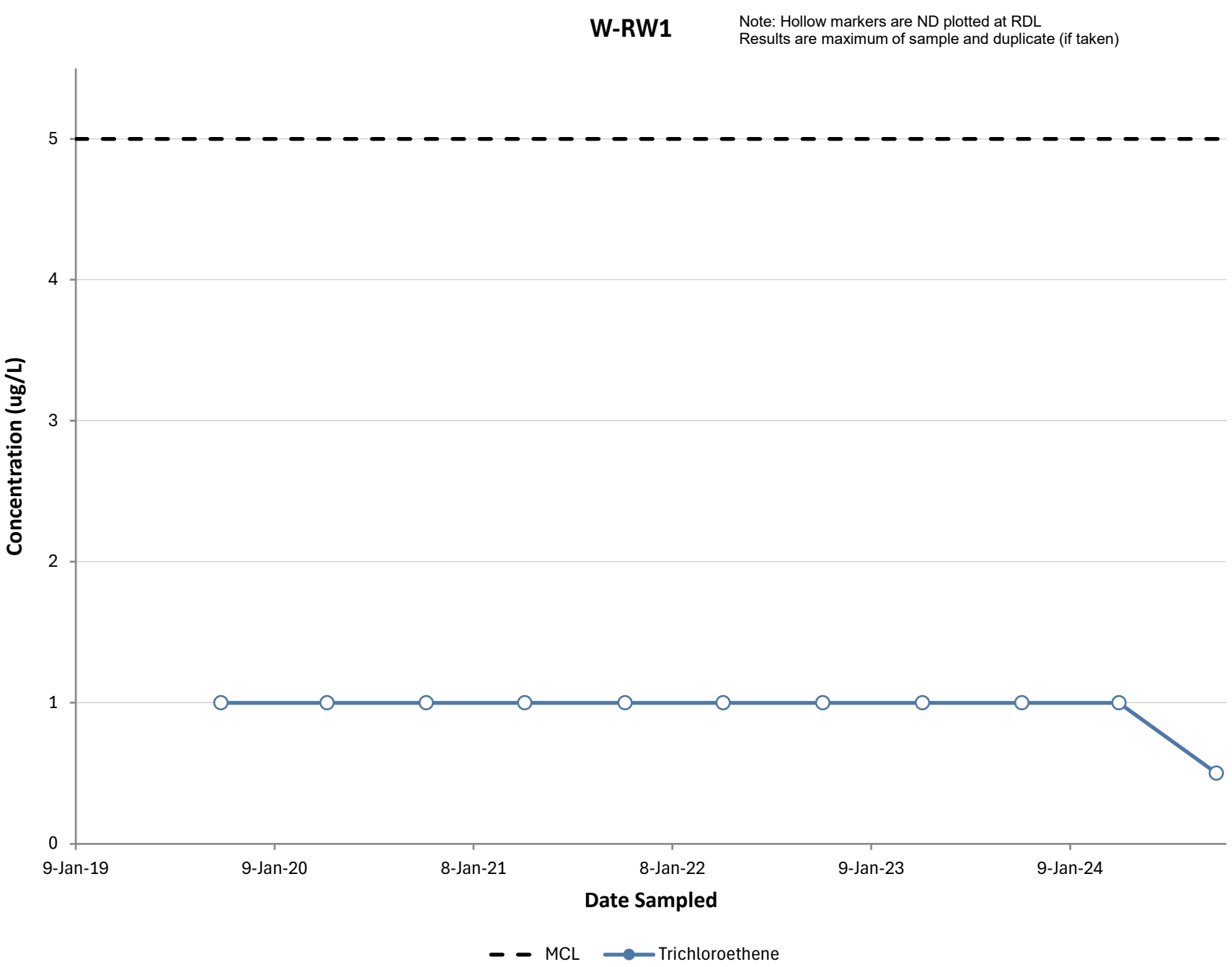

W-122
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

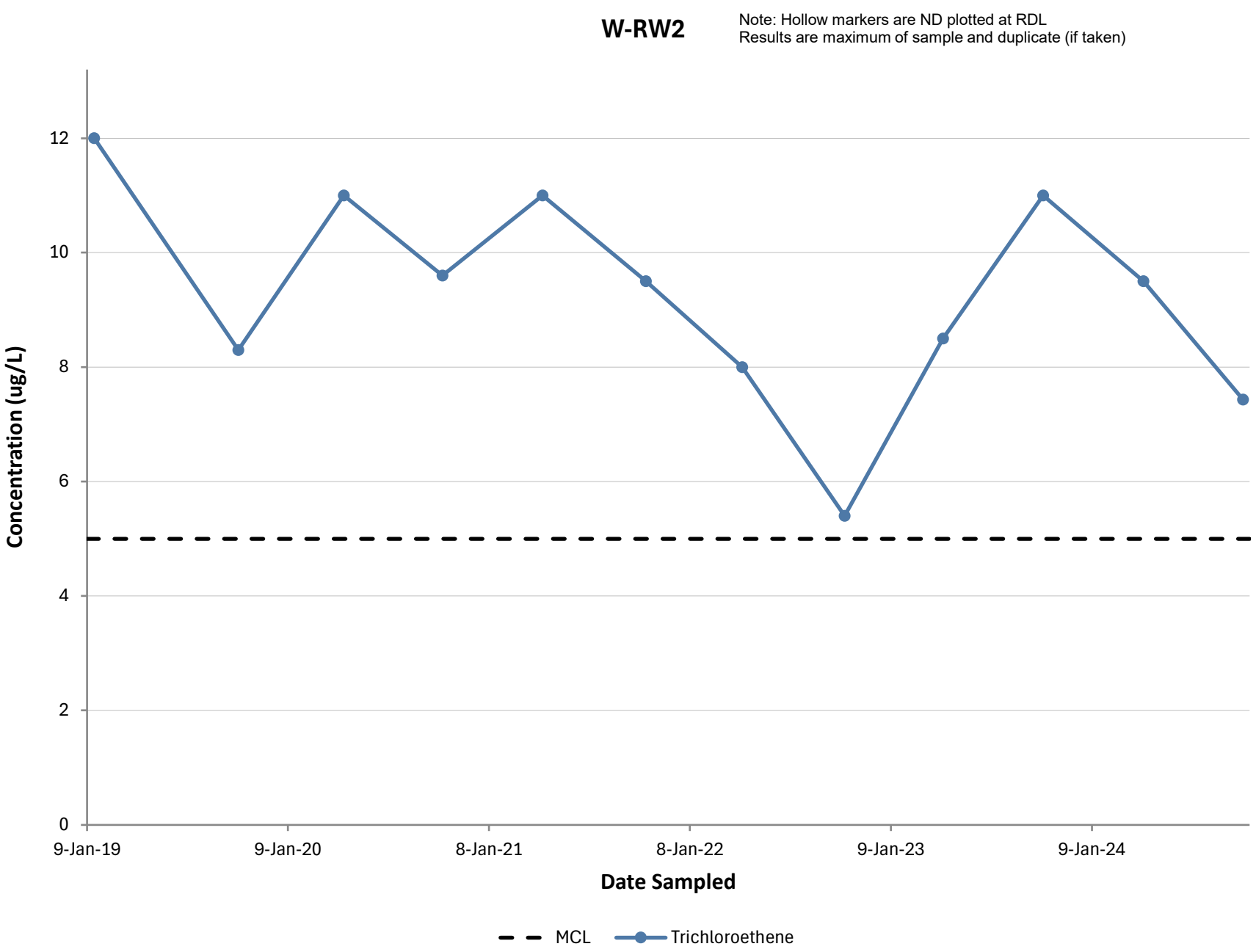

W-123
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

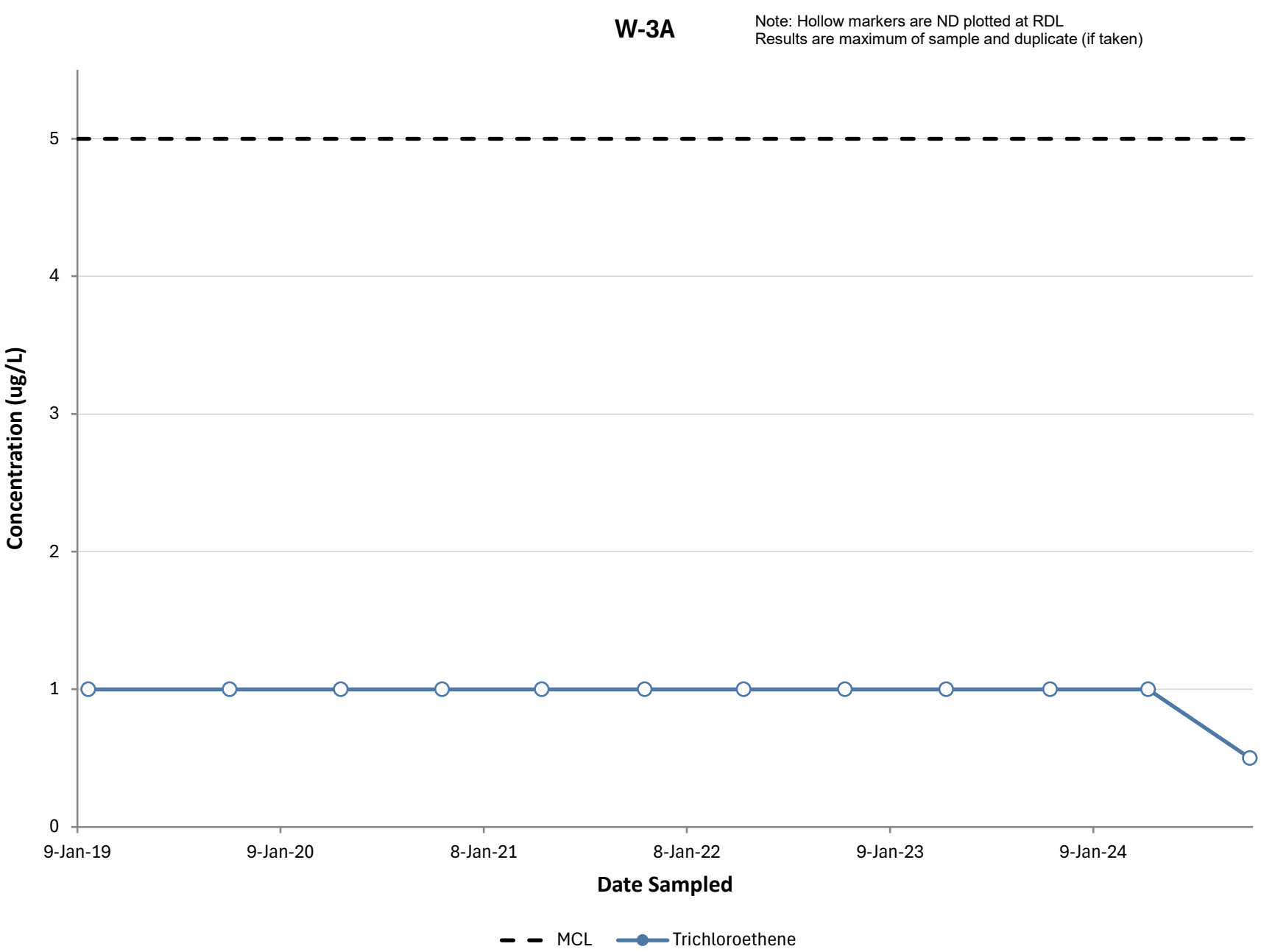

W-124
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

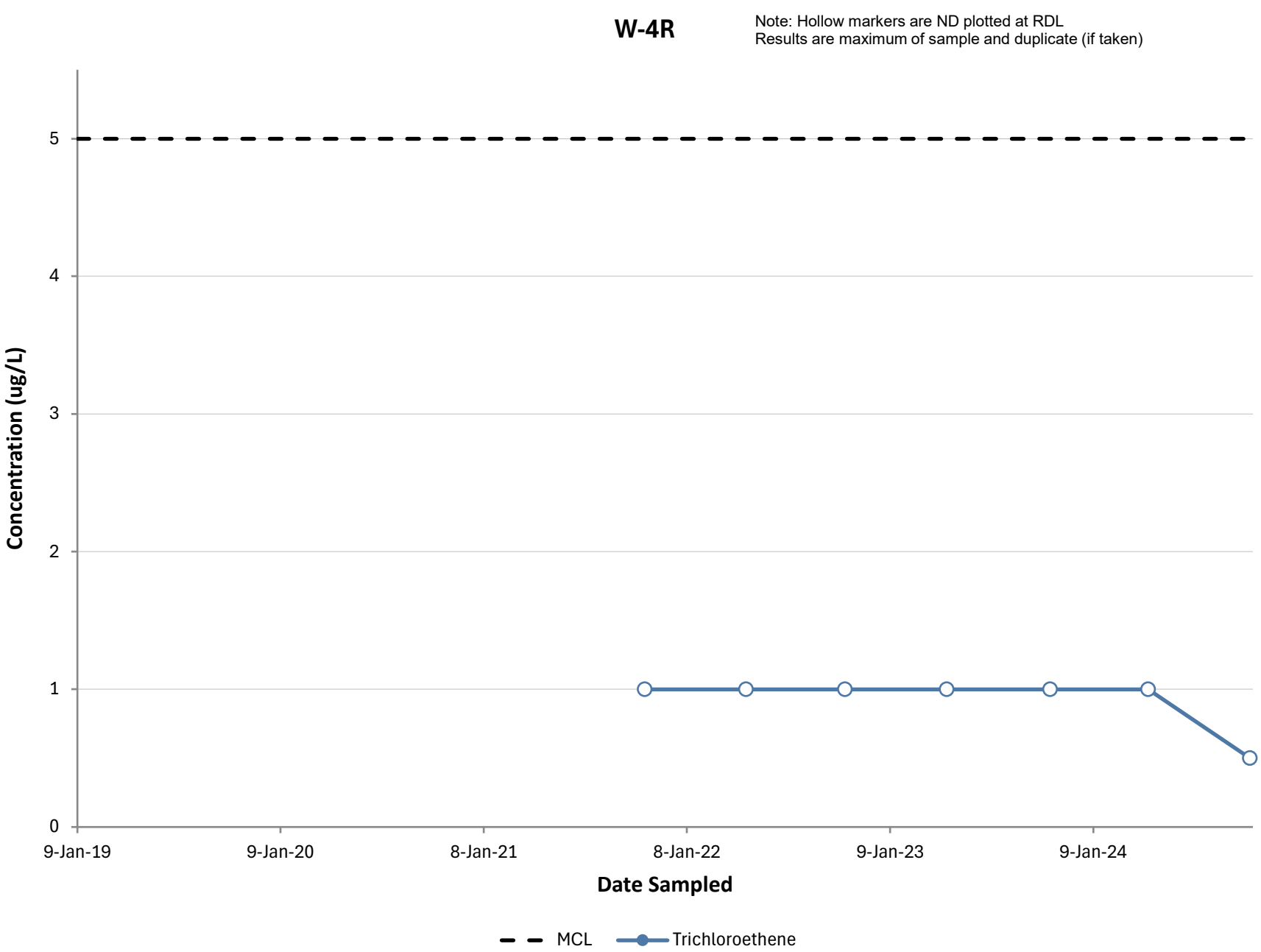

W-125
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

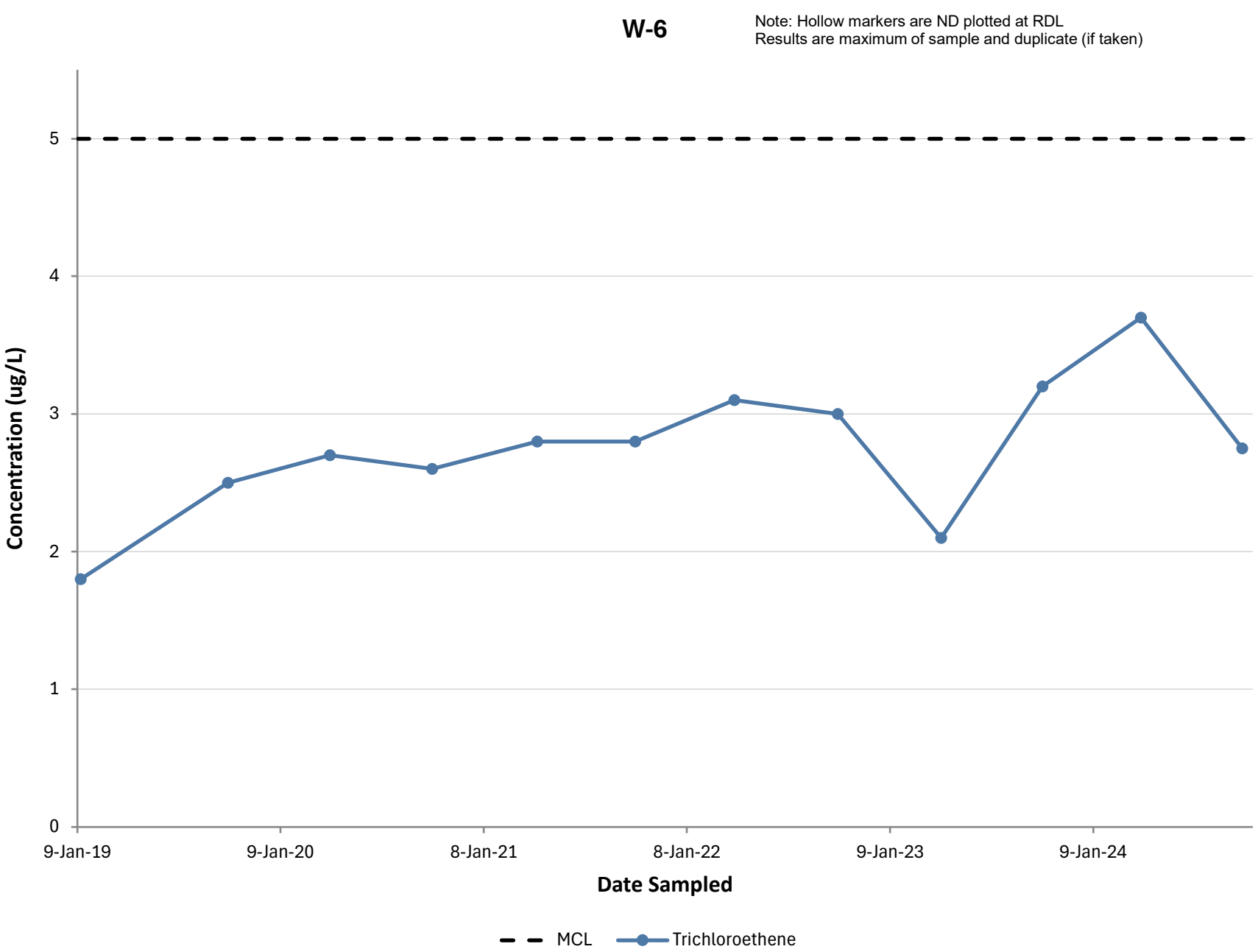

W-126
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Tetrachloroethene

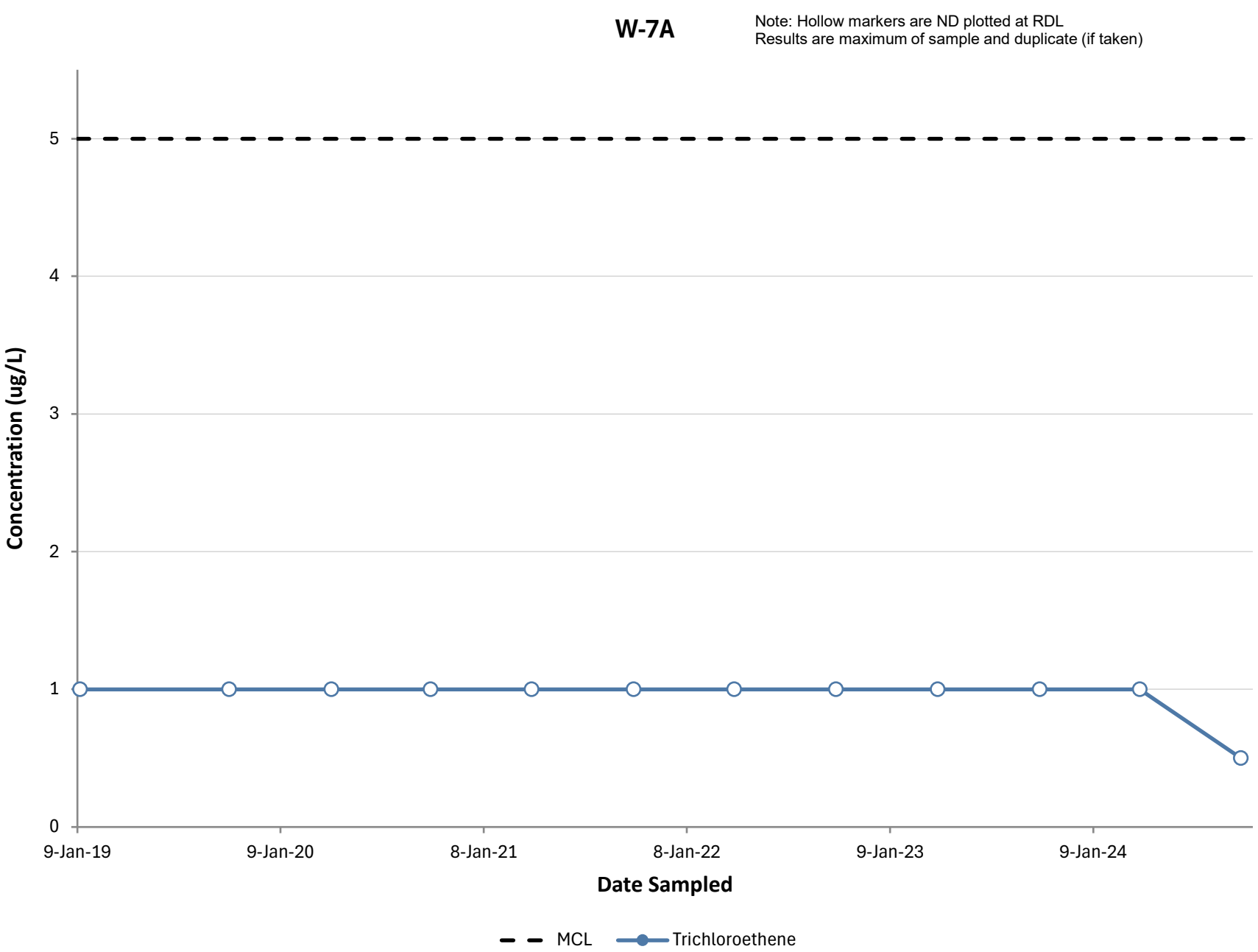

W-RW1
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

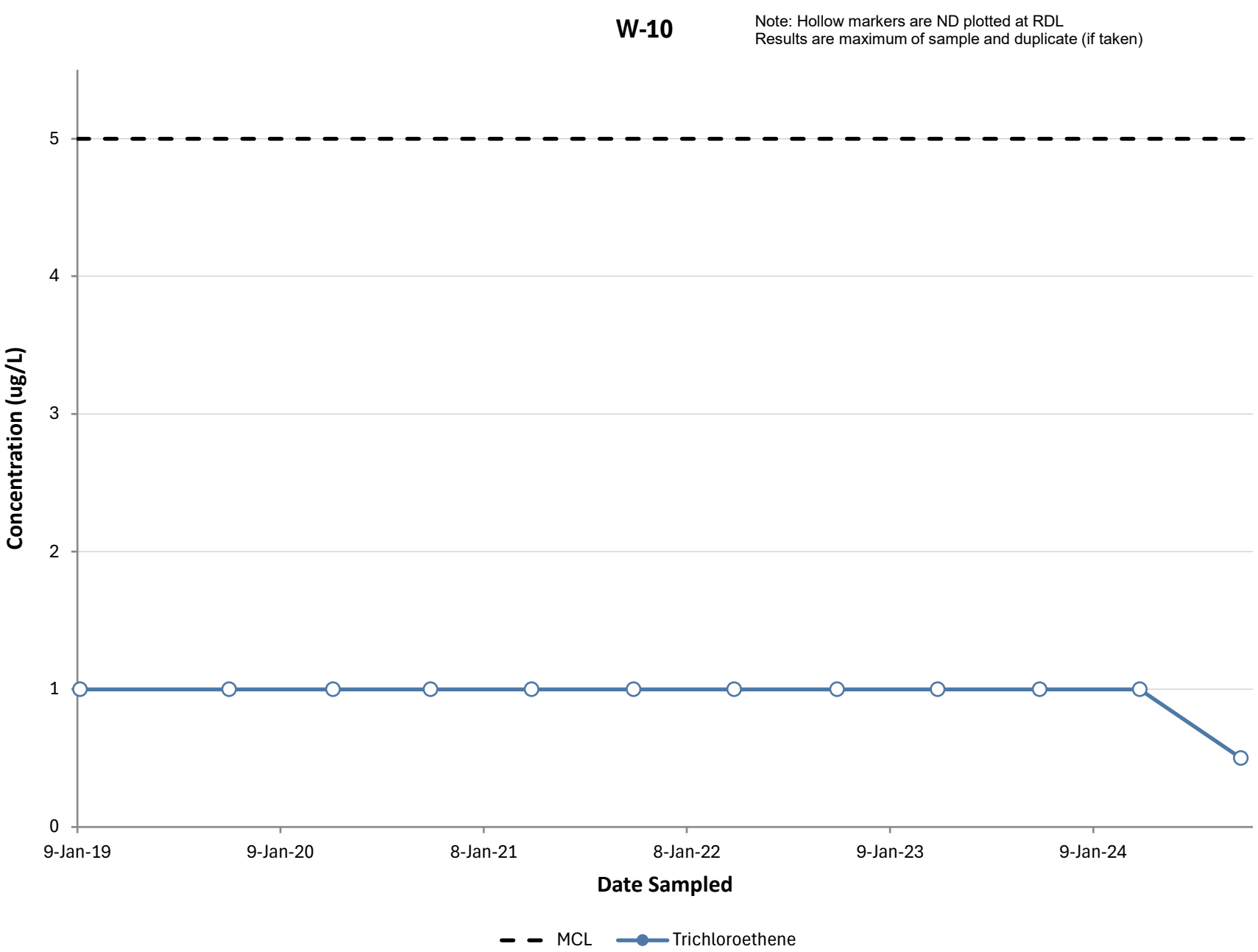

W-RW2
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
12
10
8
6
4
2
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

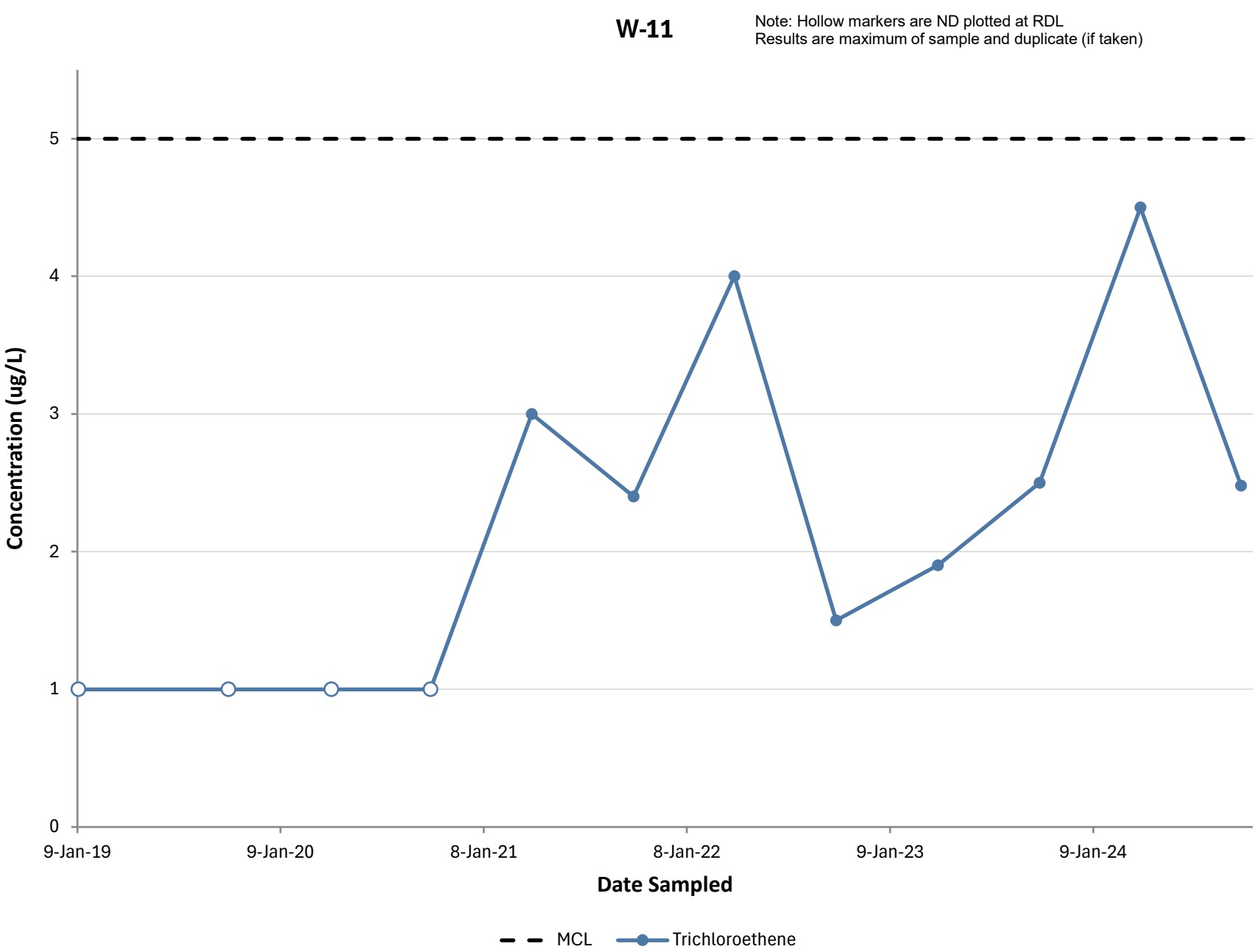

W-3A
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

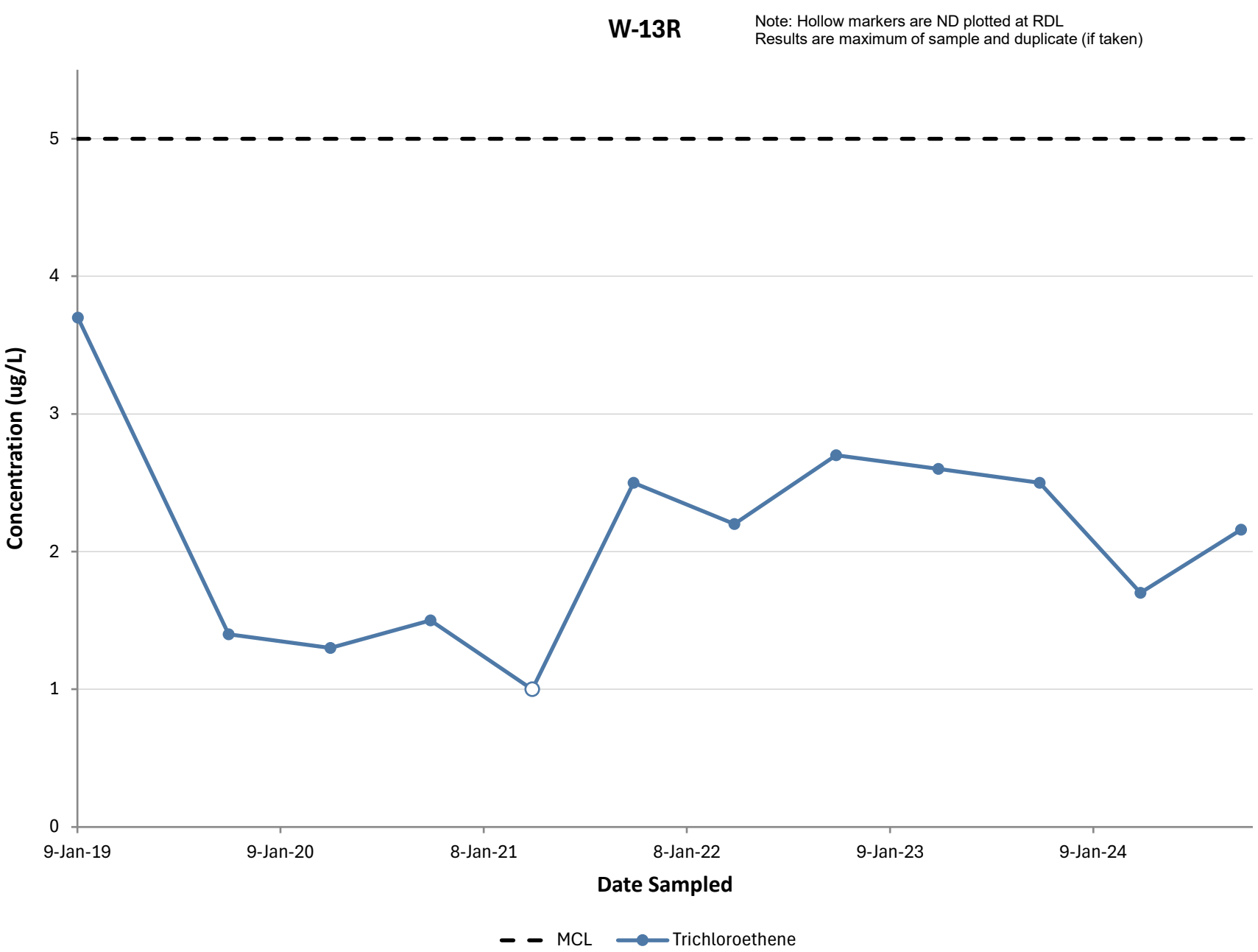

W-4R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

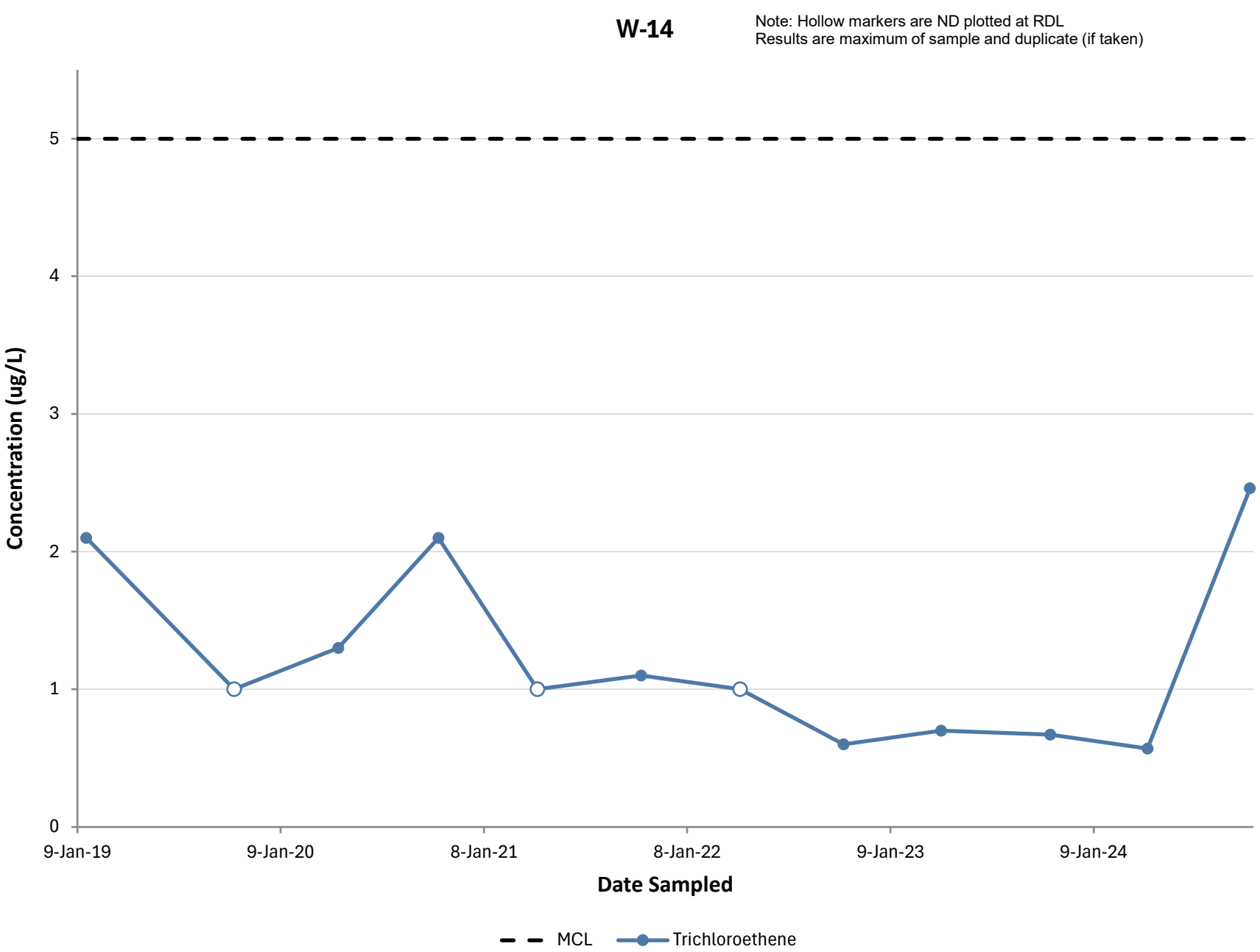

W-6
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

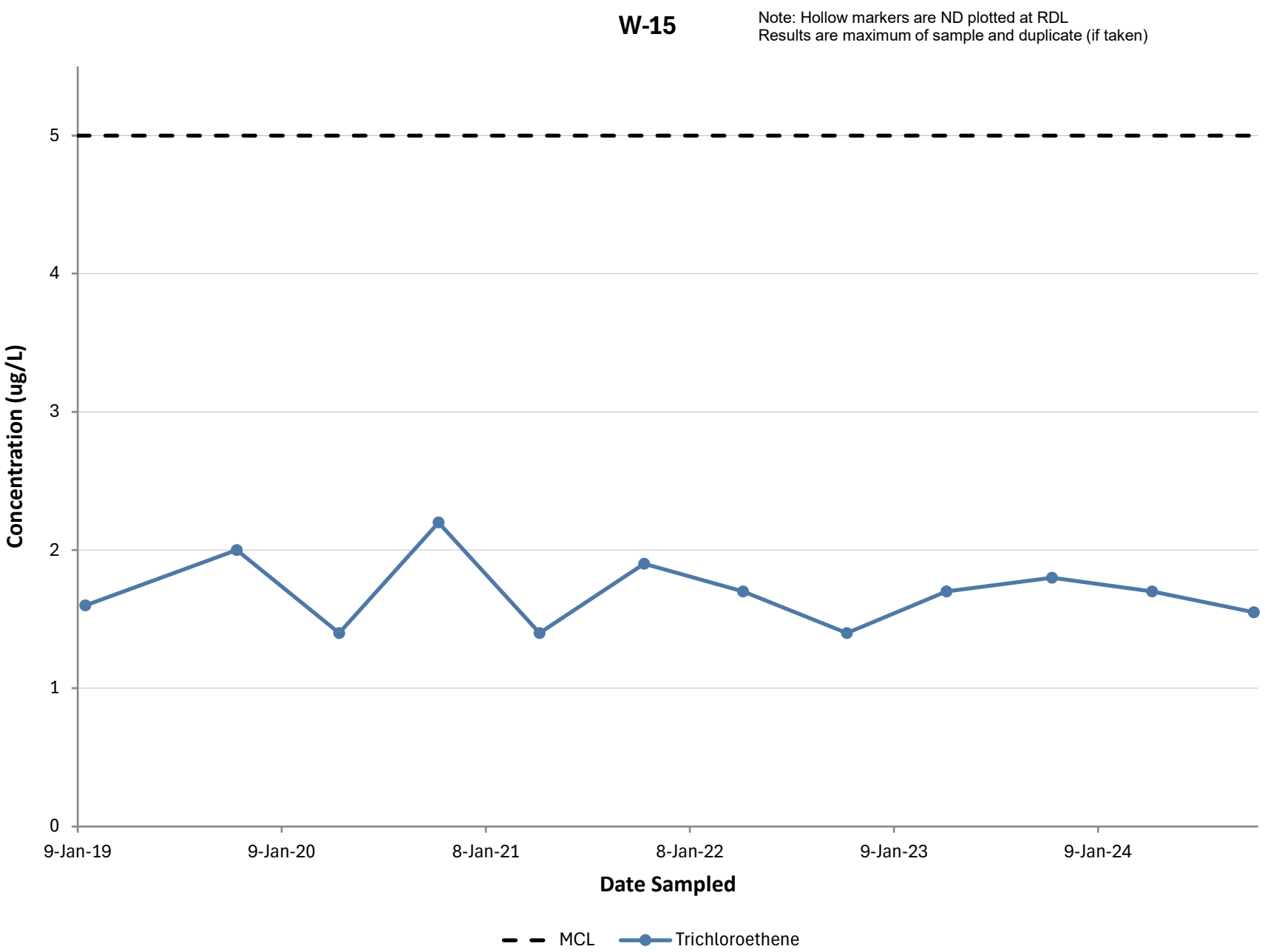

W-7A
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

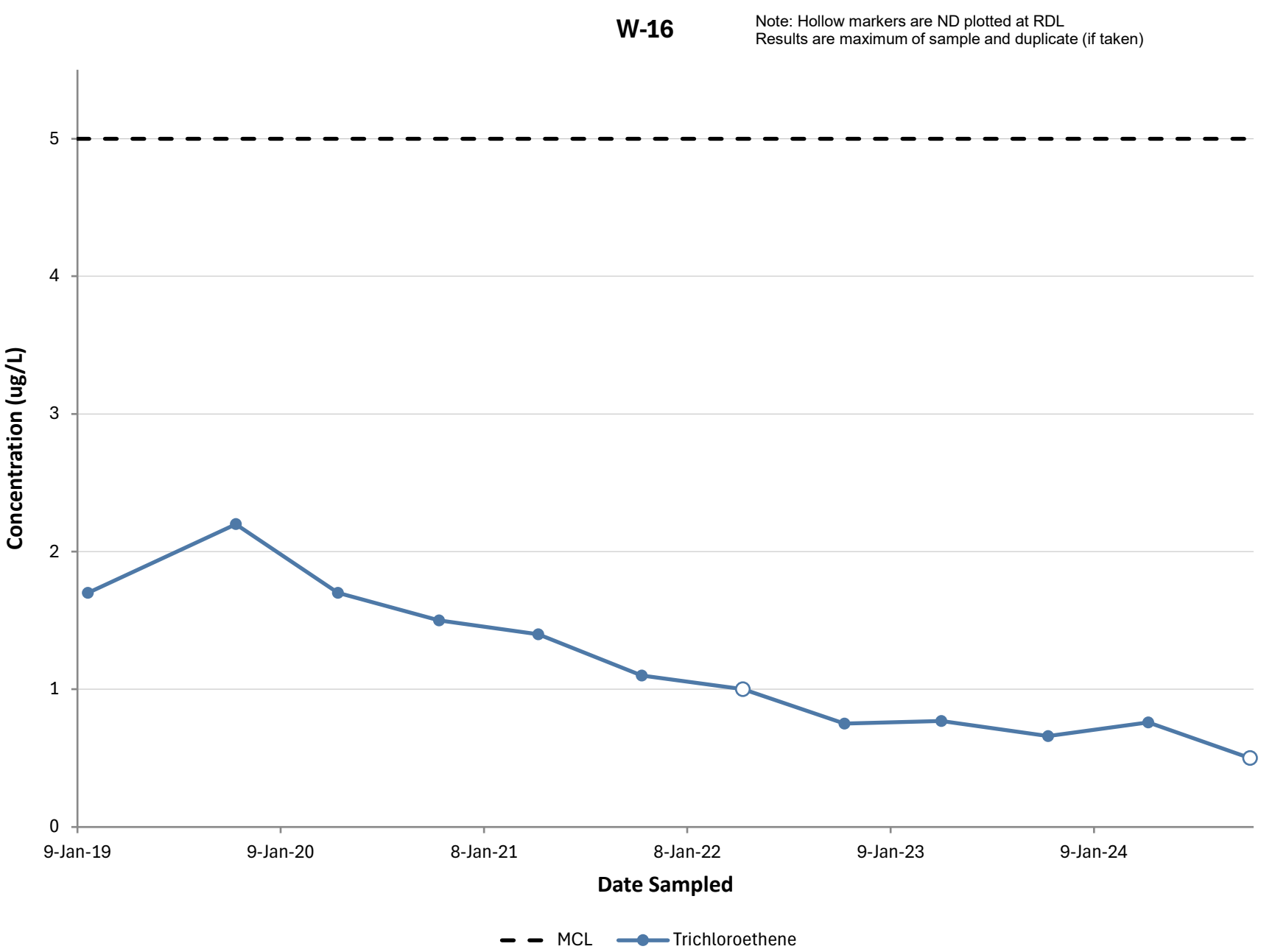

W-10
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

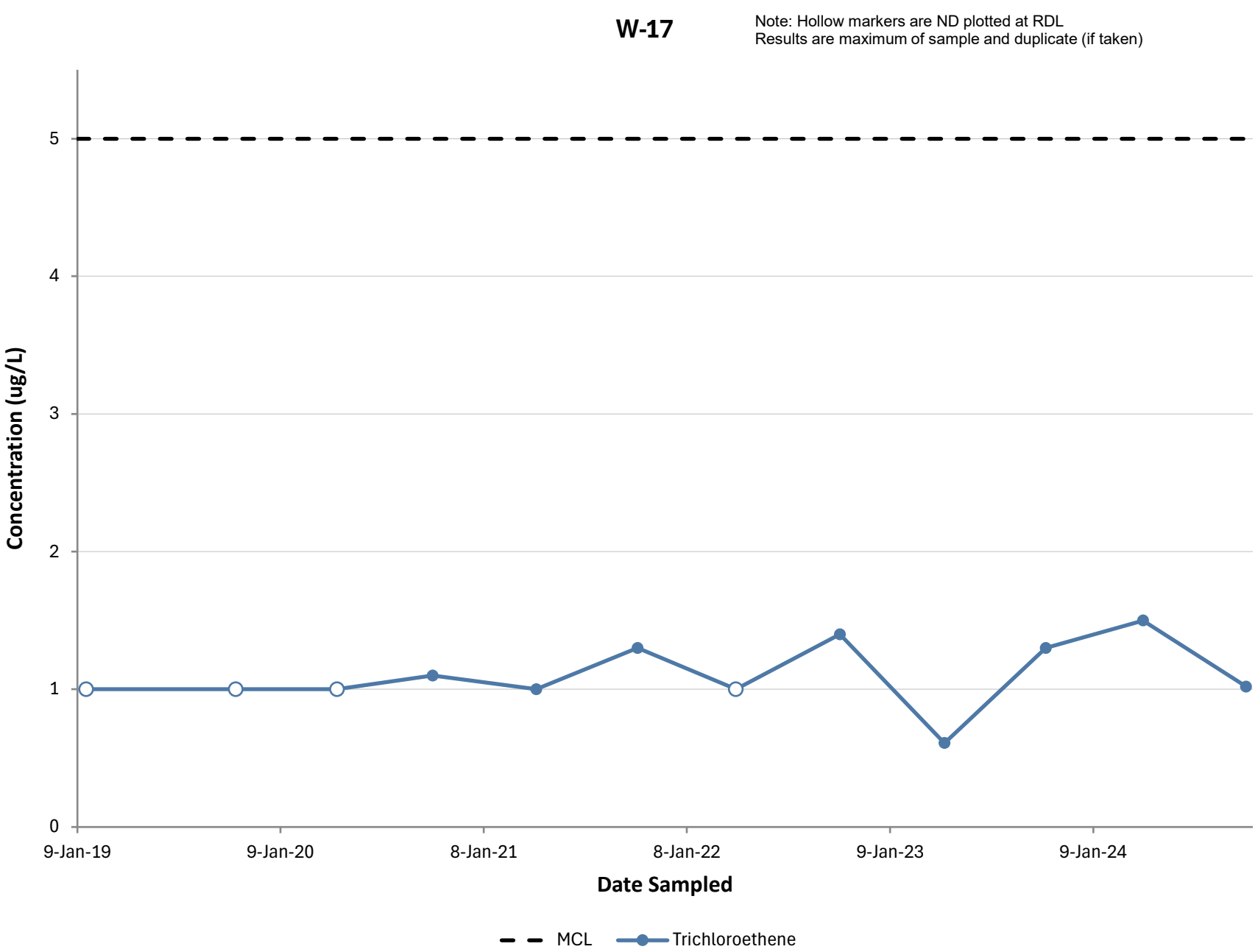

W-11
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

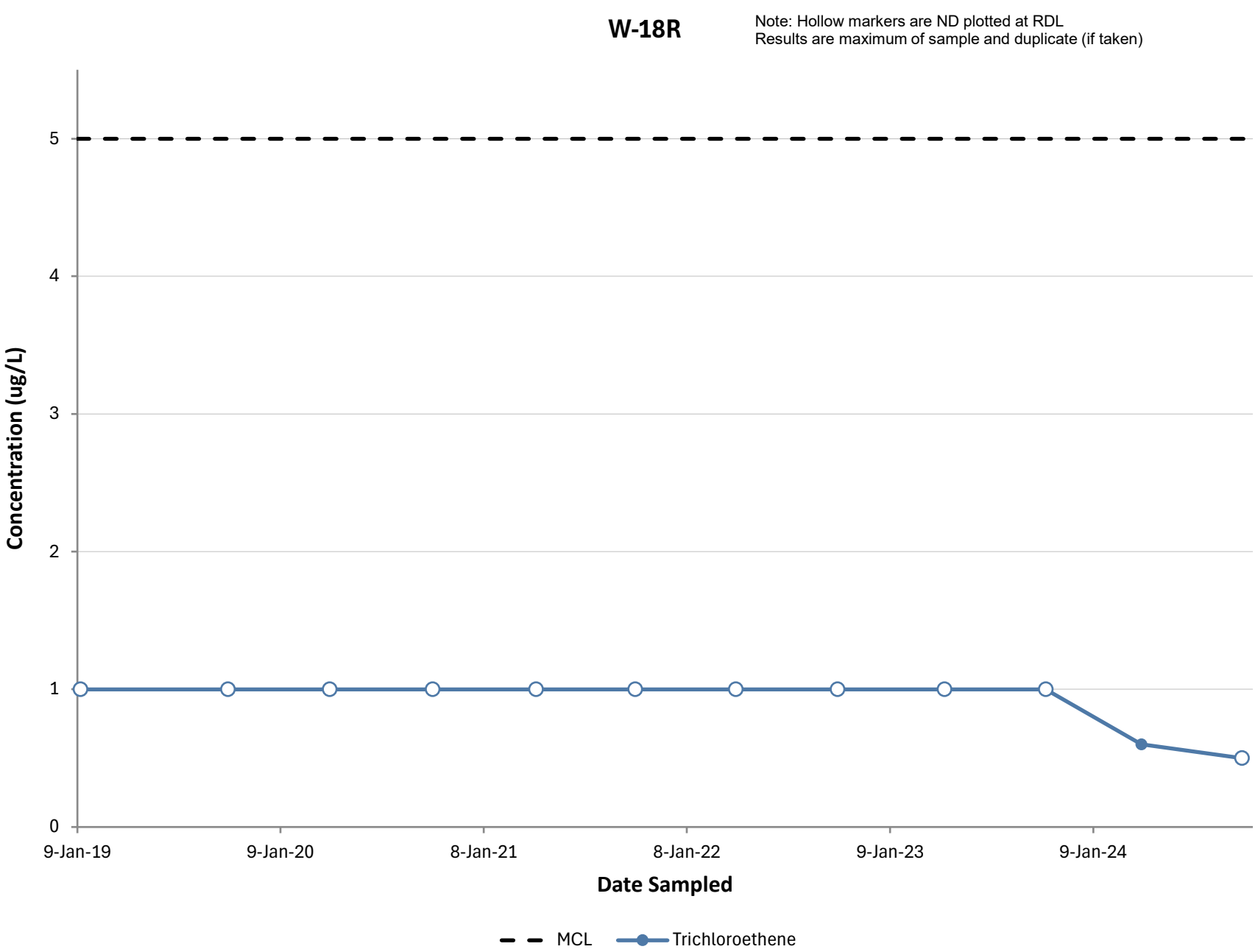

W-13R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

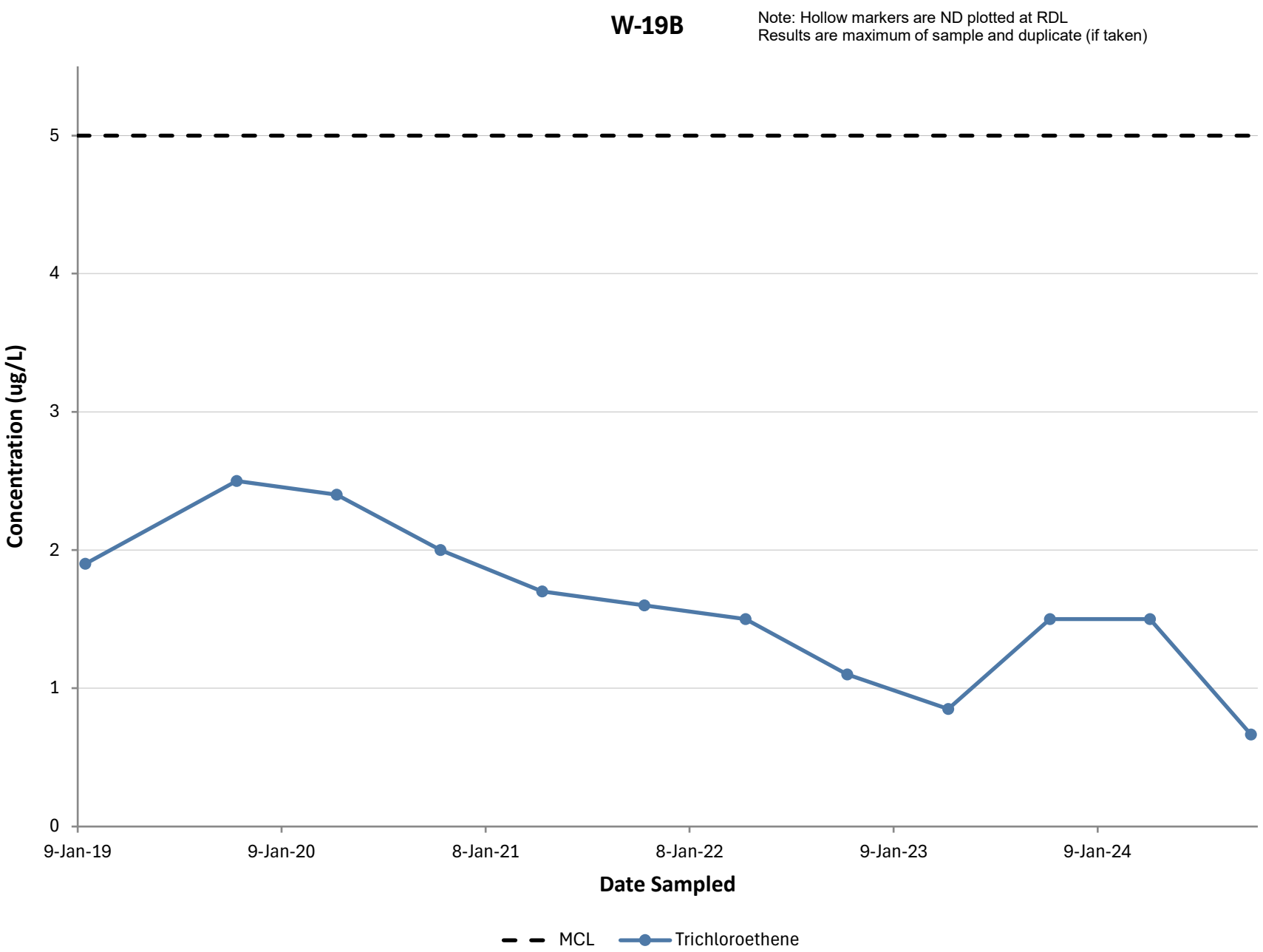

W-14
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

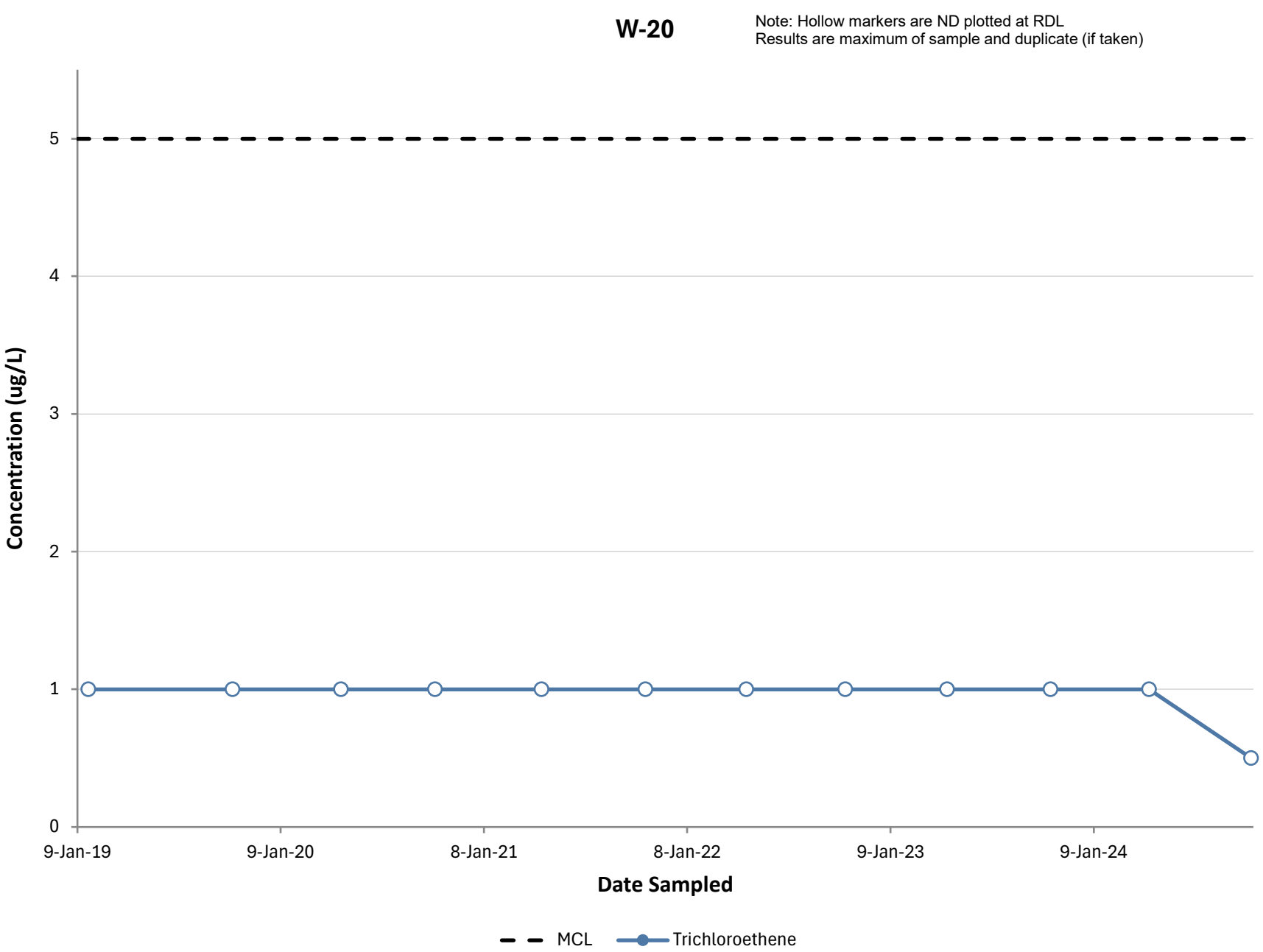

W-15
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

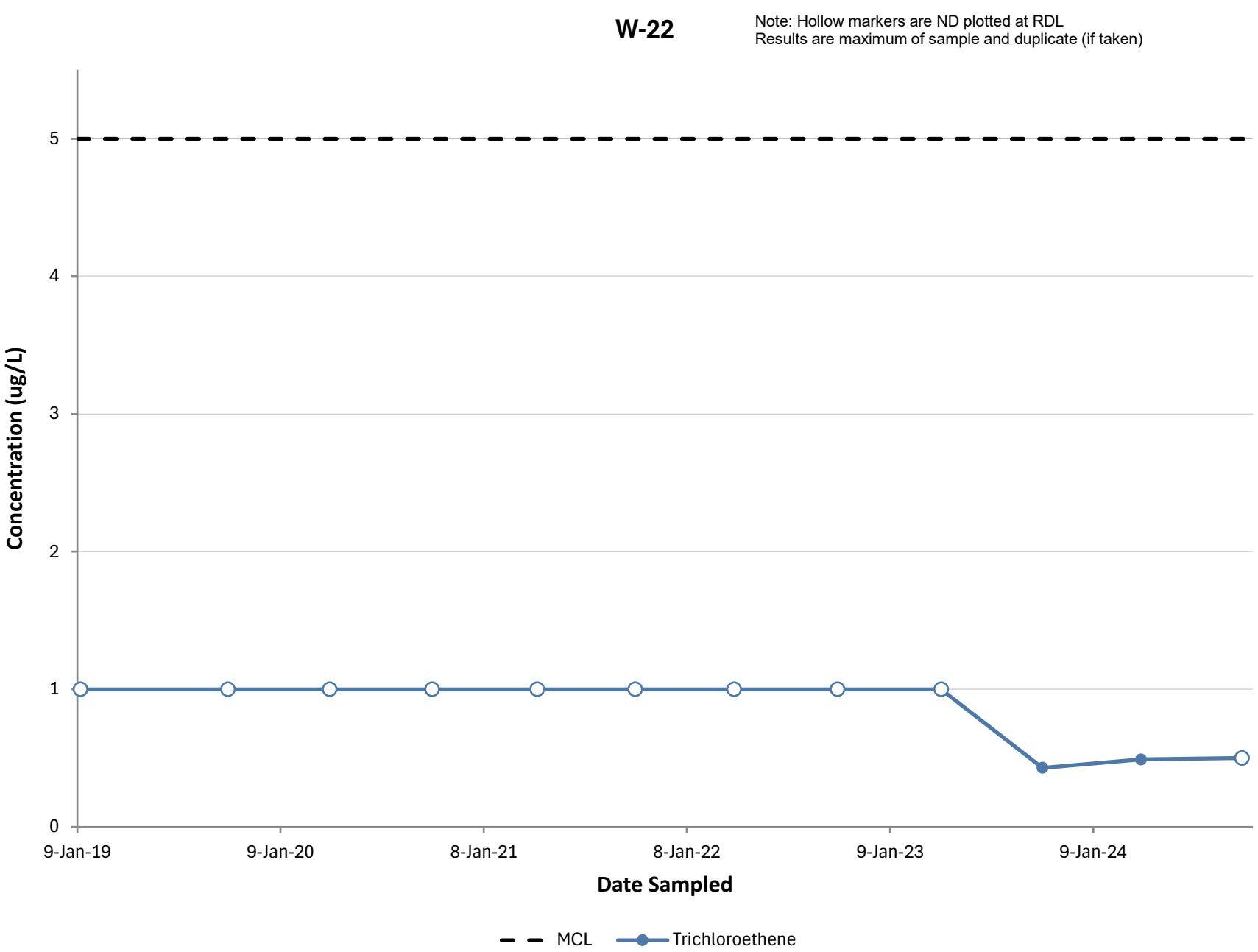

W-16
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

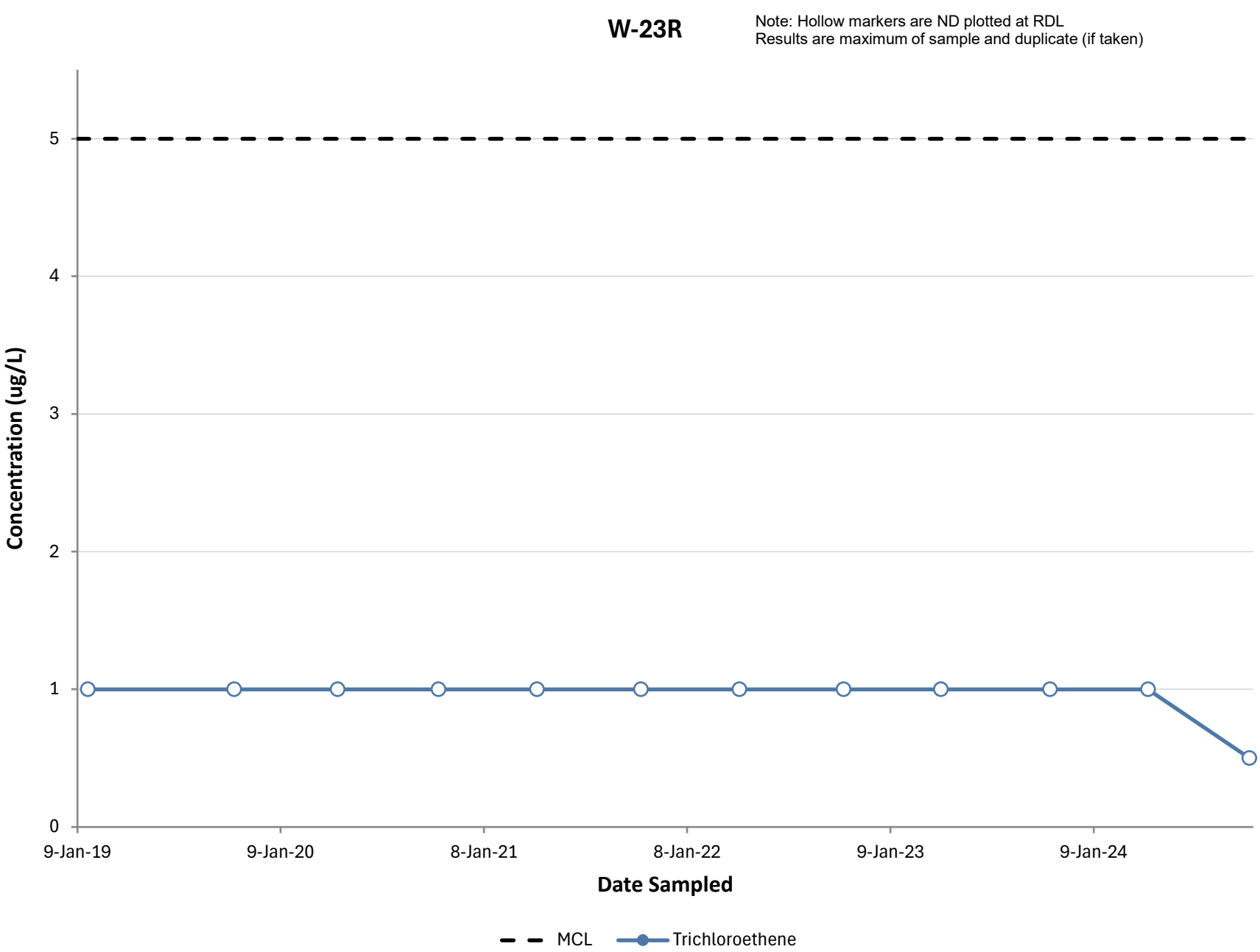

W-17
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

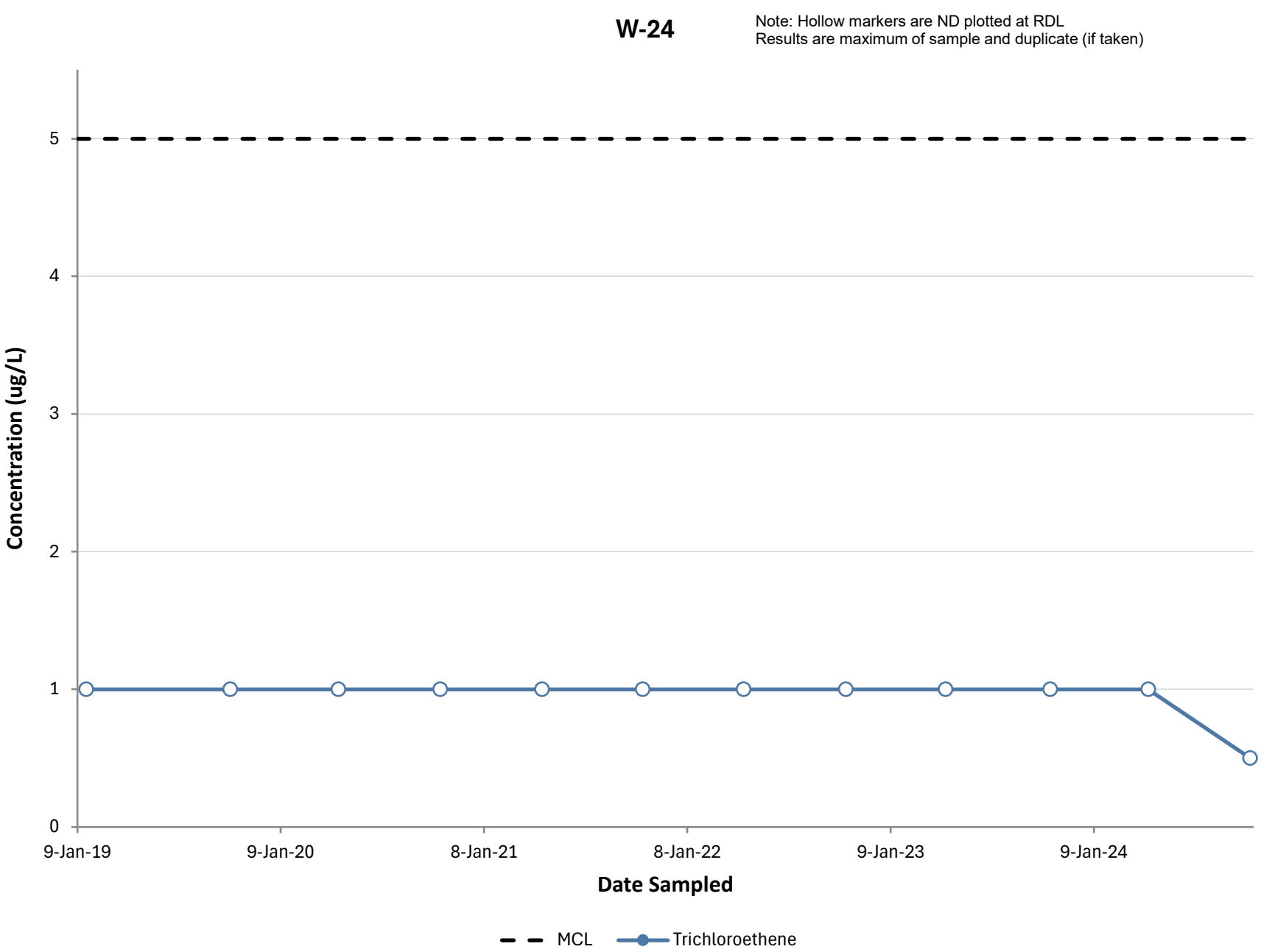

W-18R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

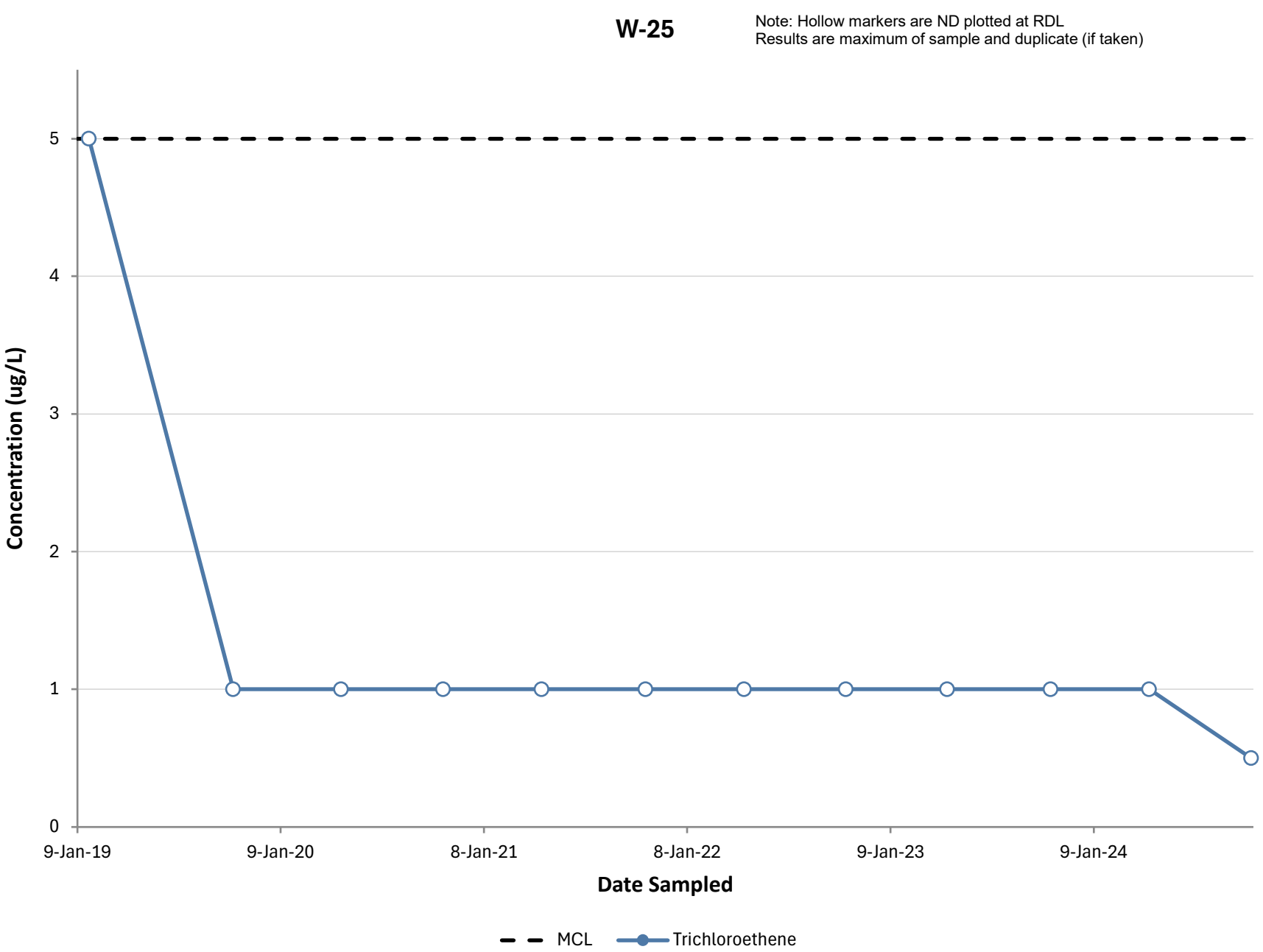

W-19B
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

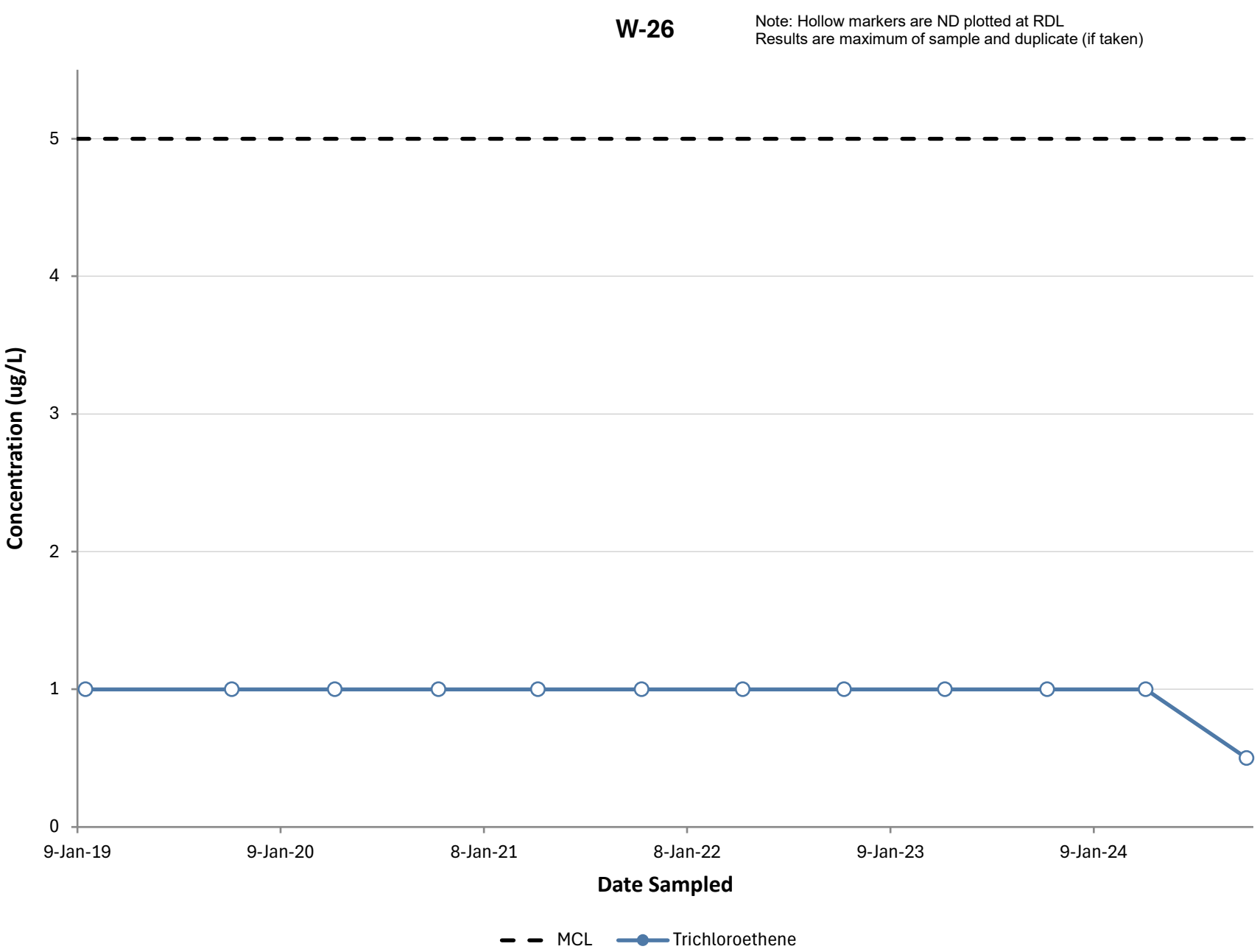

W-20
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

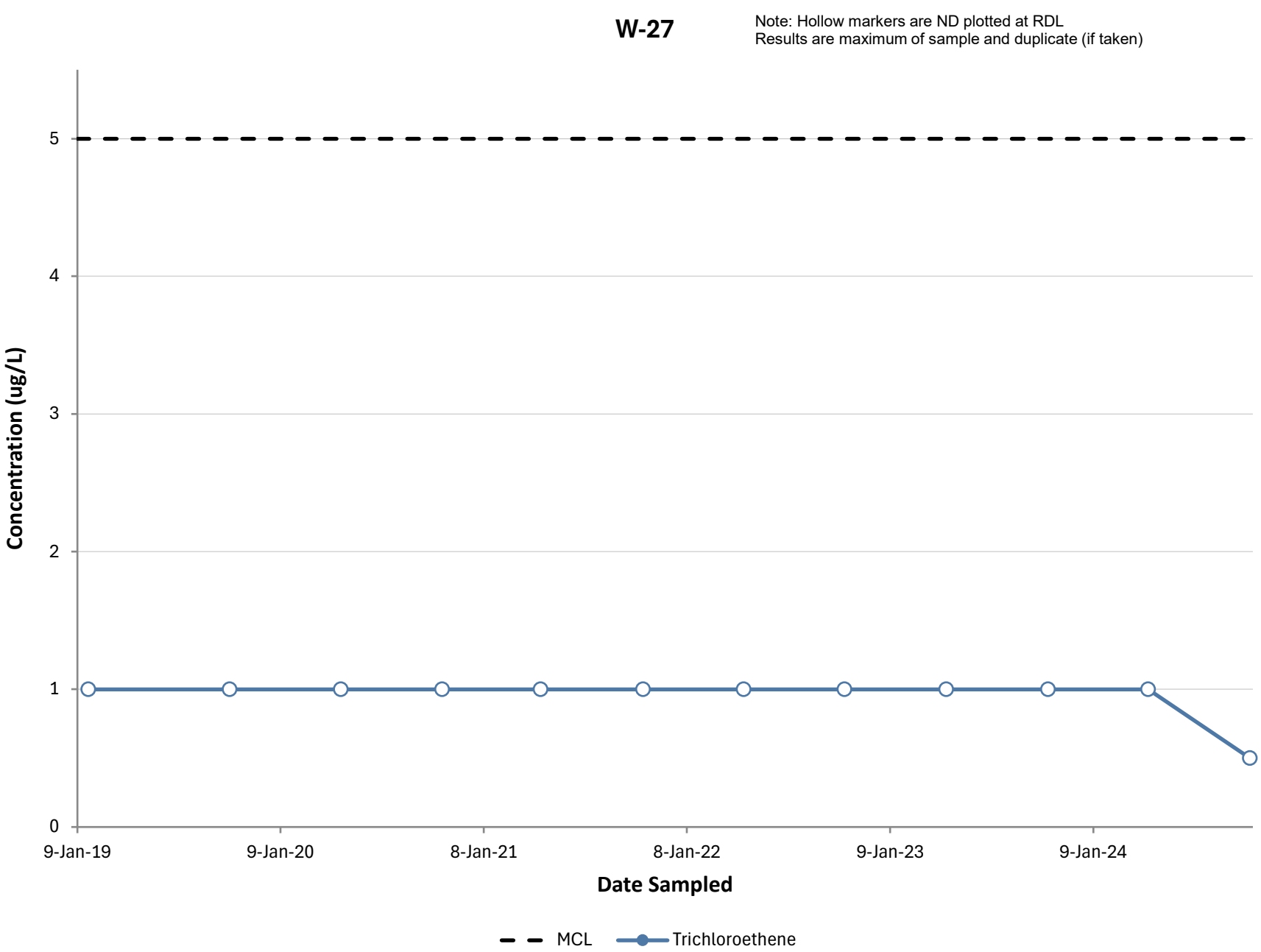

W-22
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene


W-23R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene


W-24
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

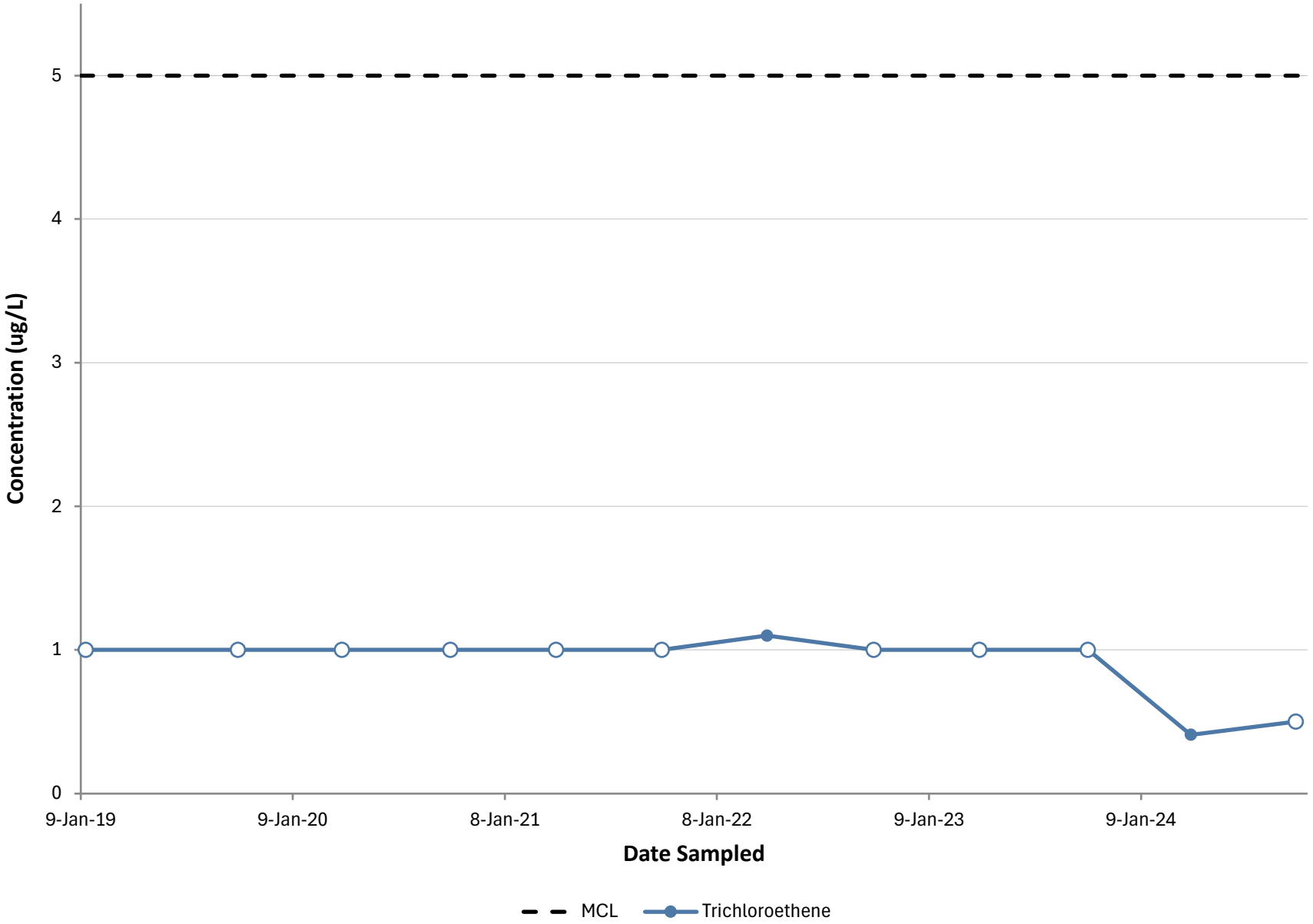

W-25
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

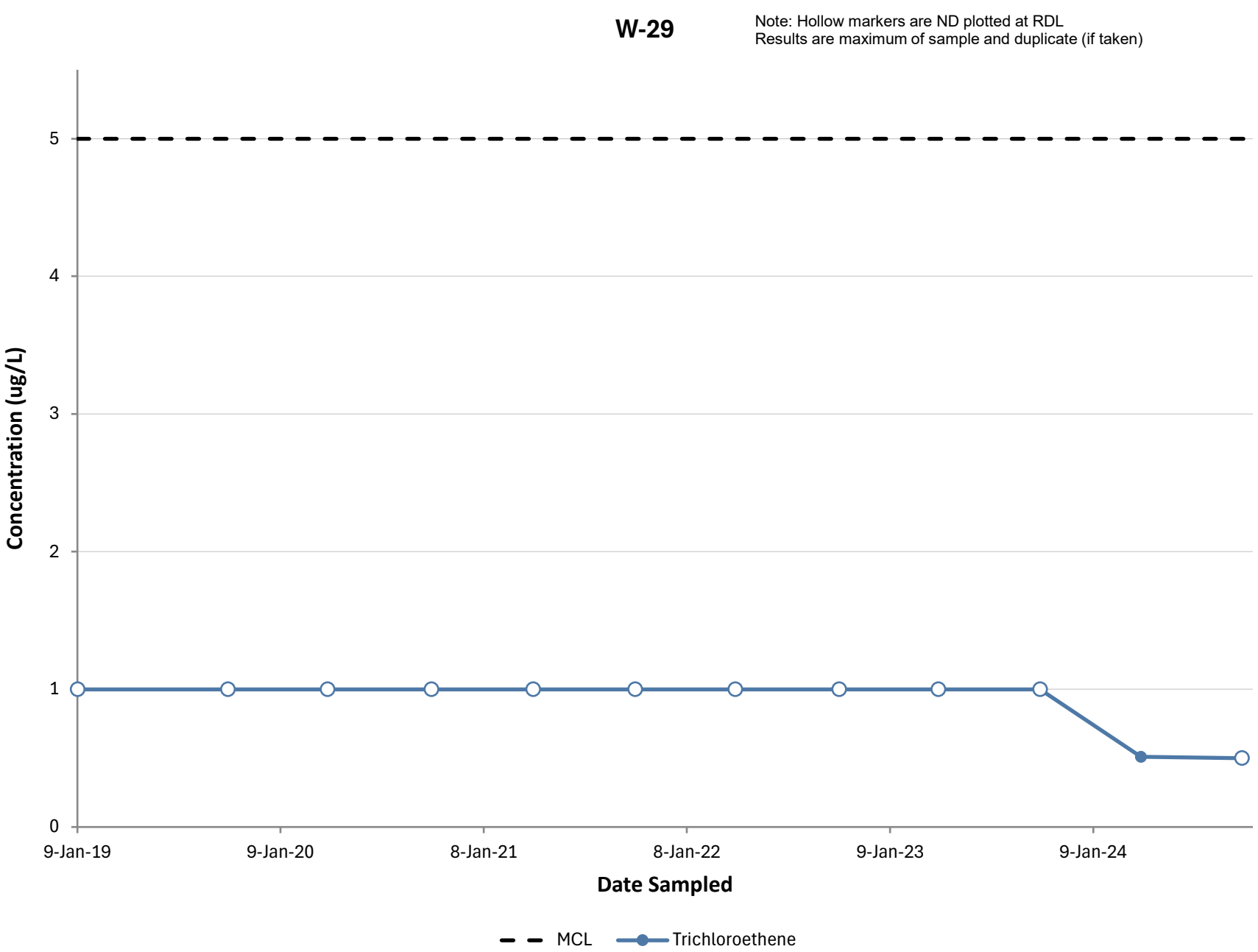

W-26
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

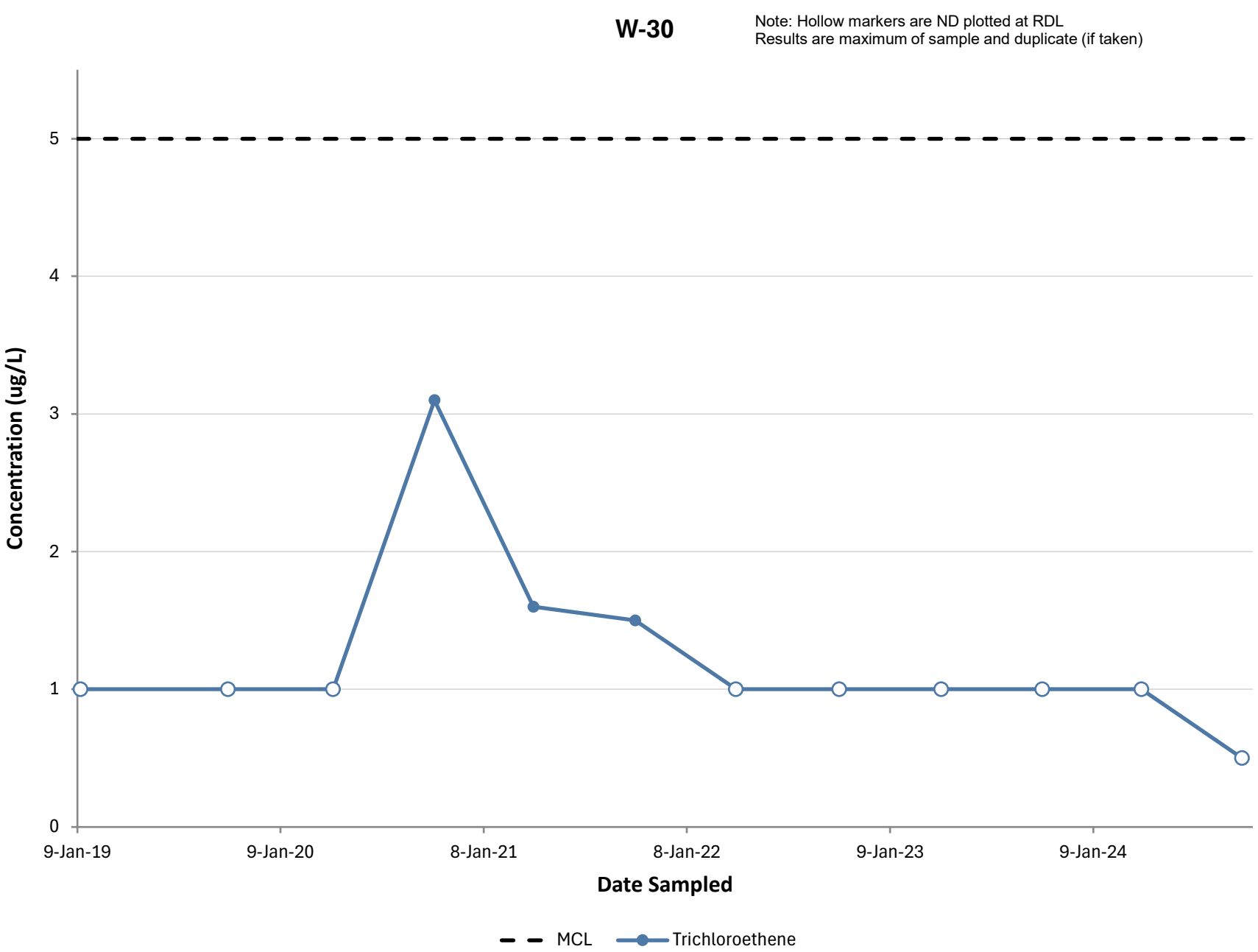

W-27
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

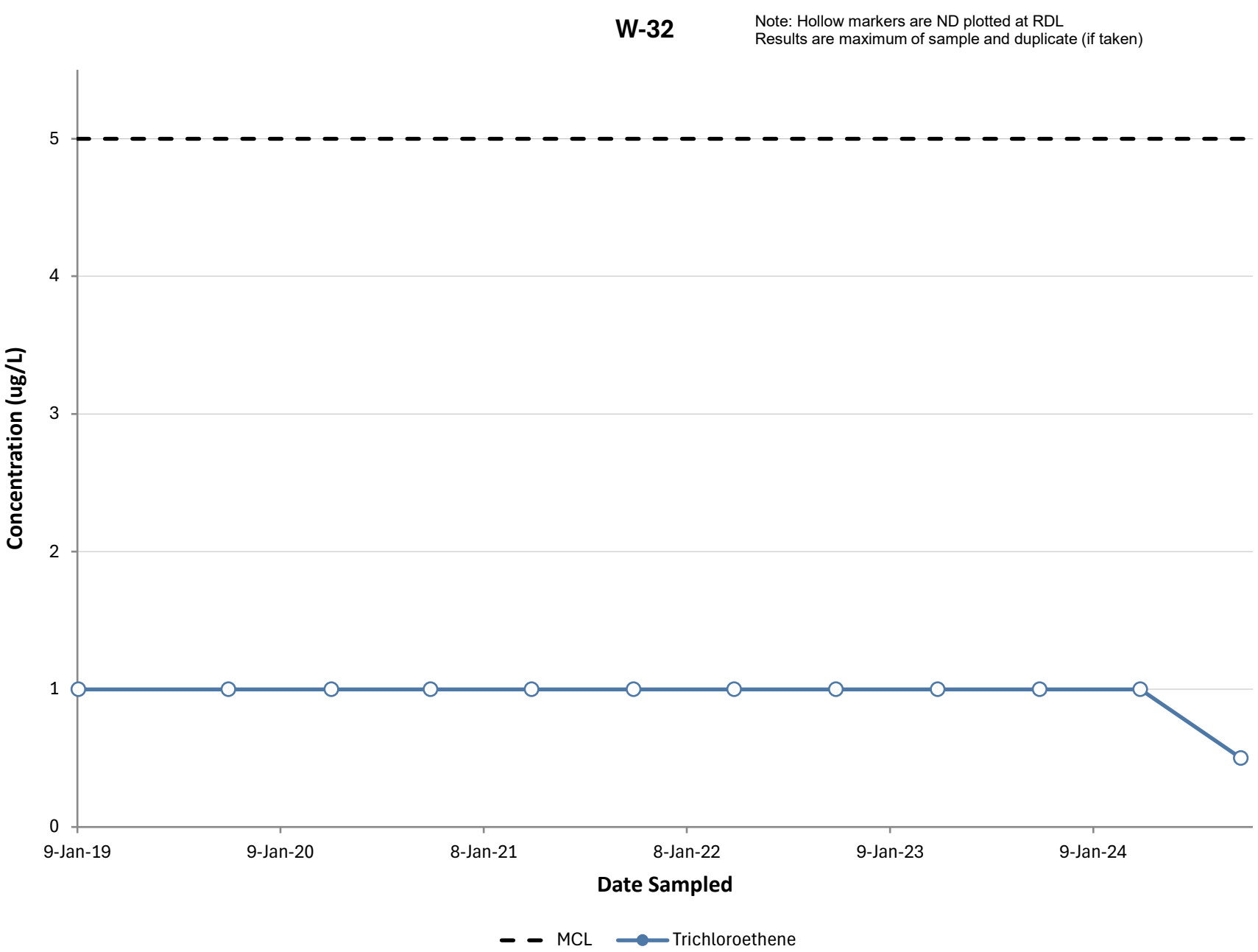
W-28

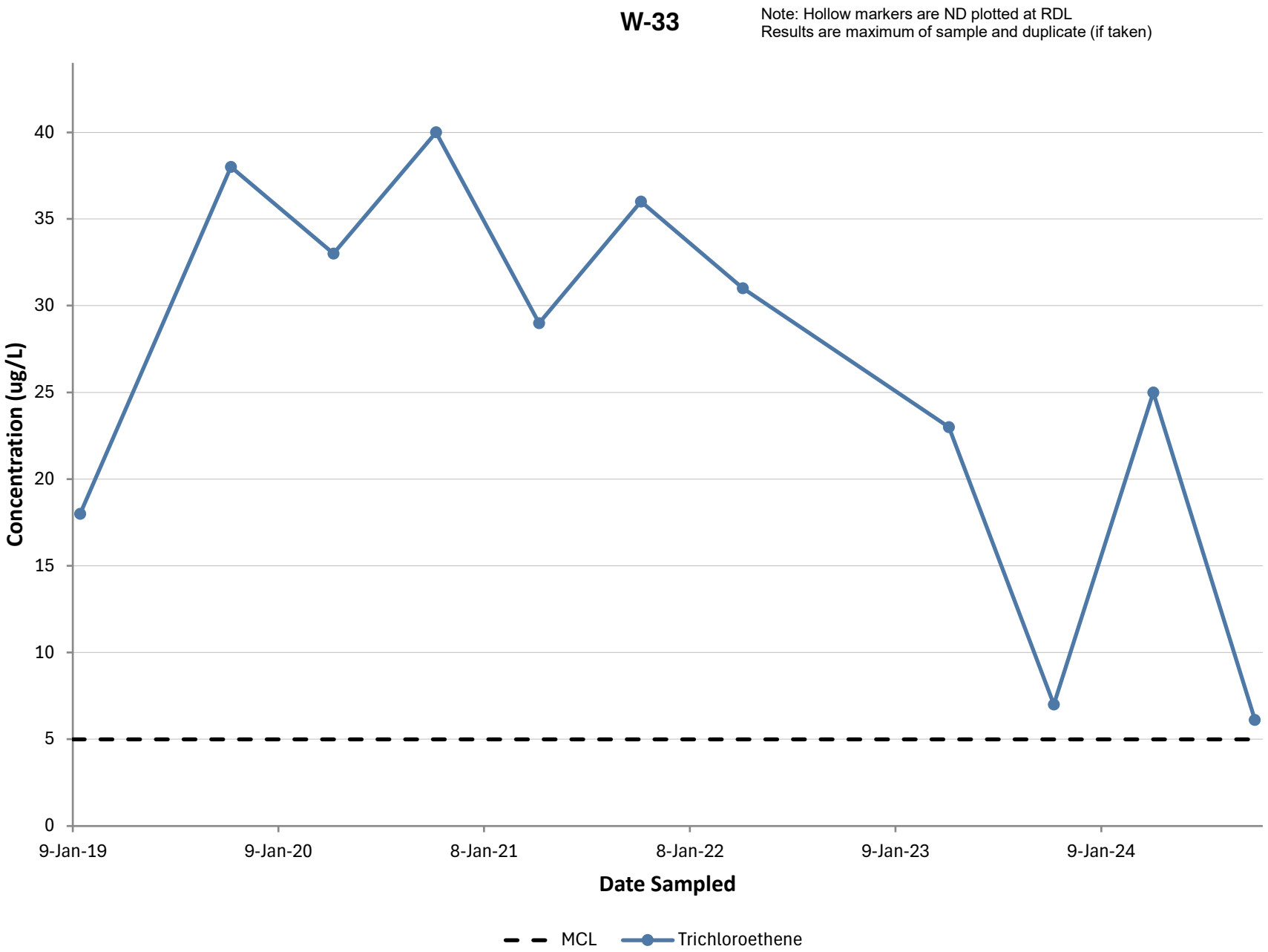
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

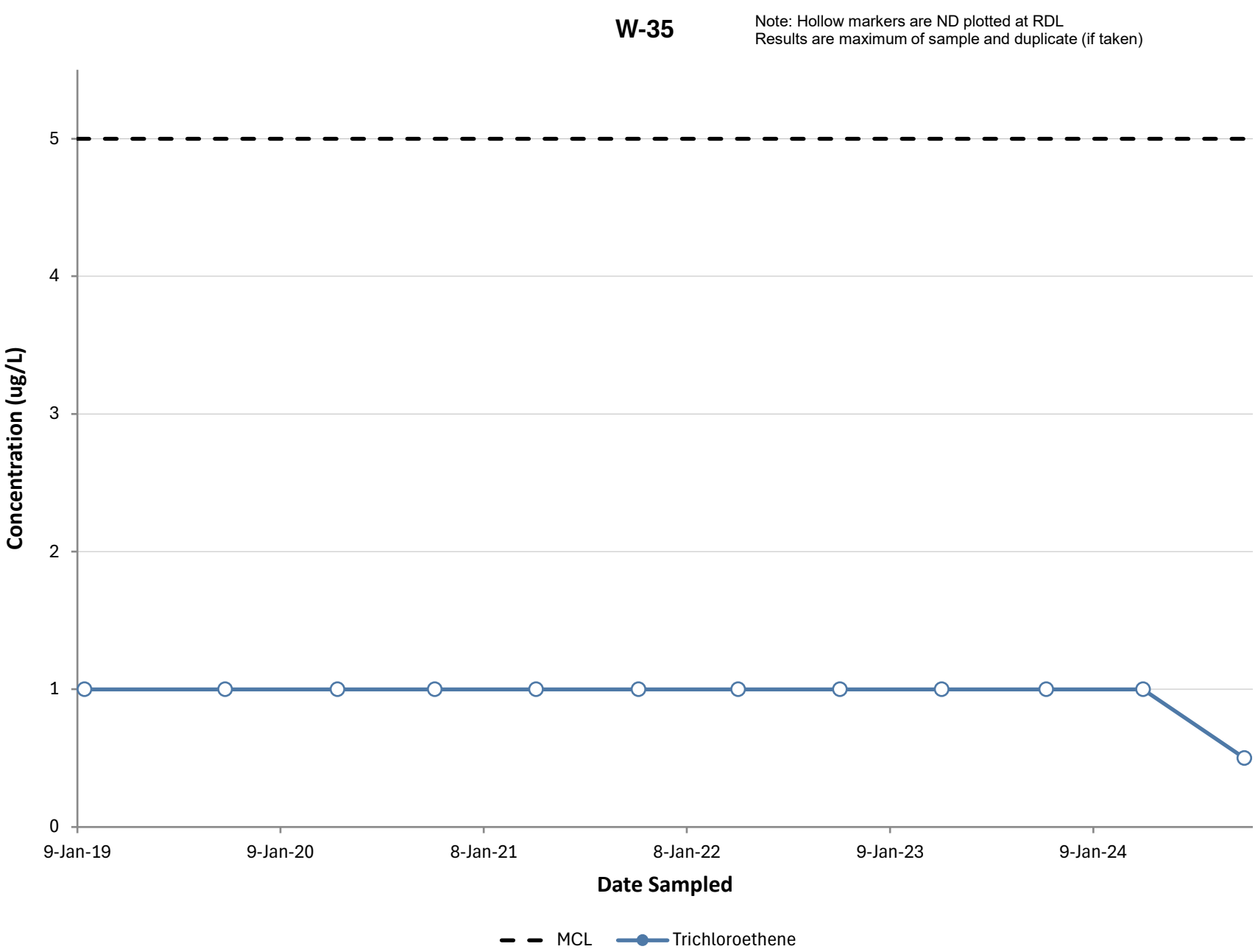


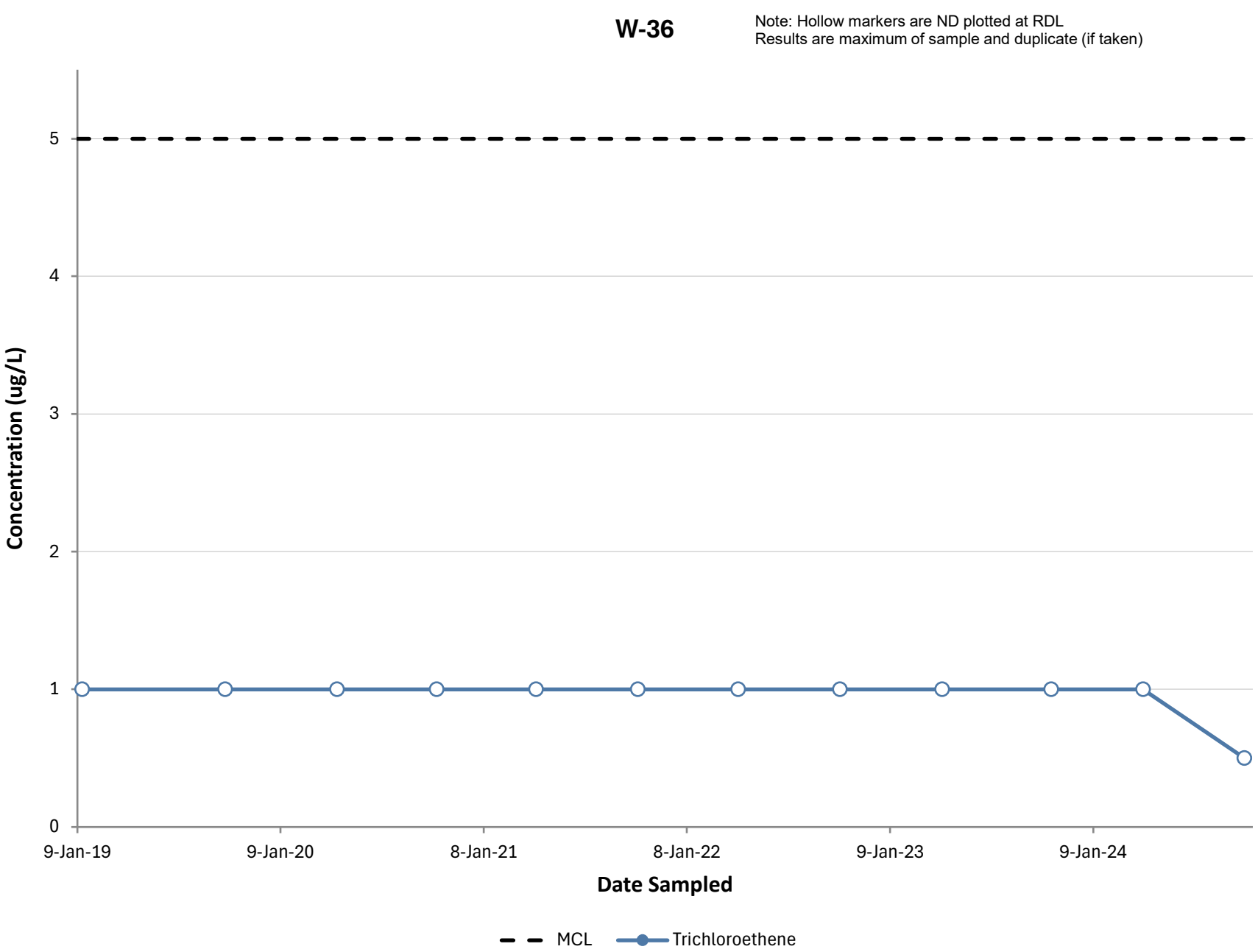

W-29
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

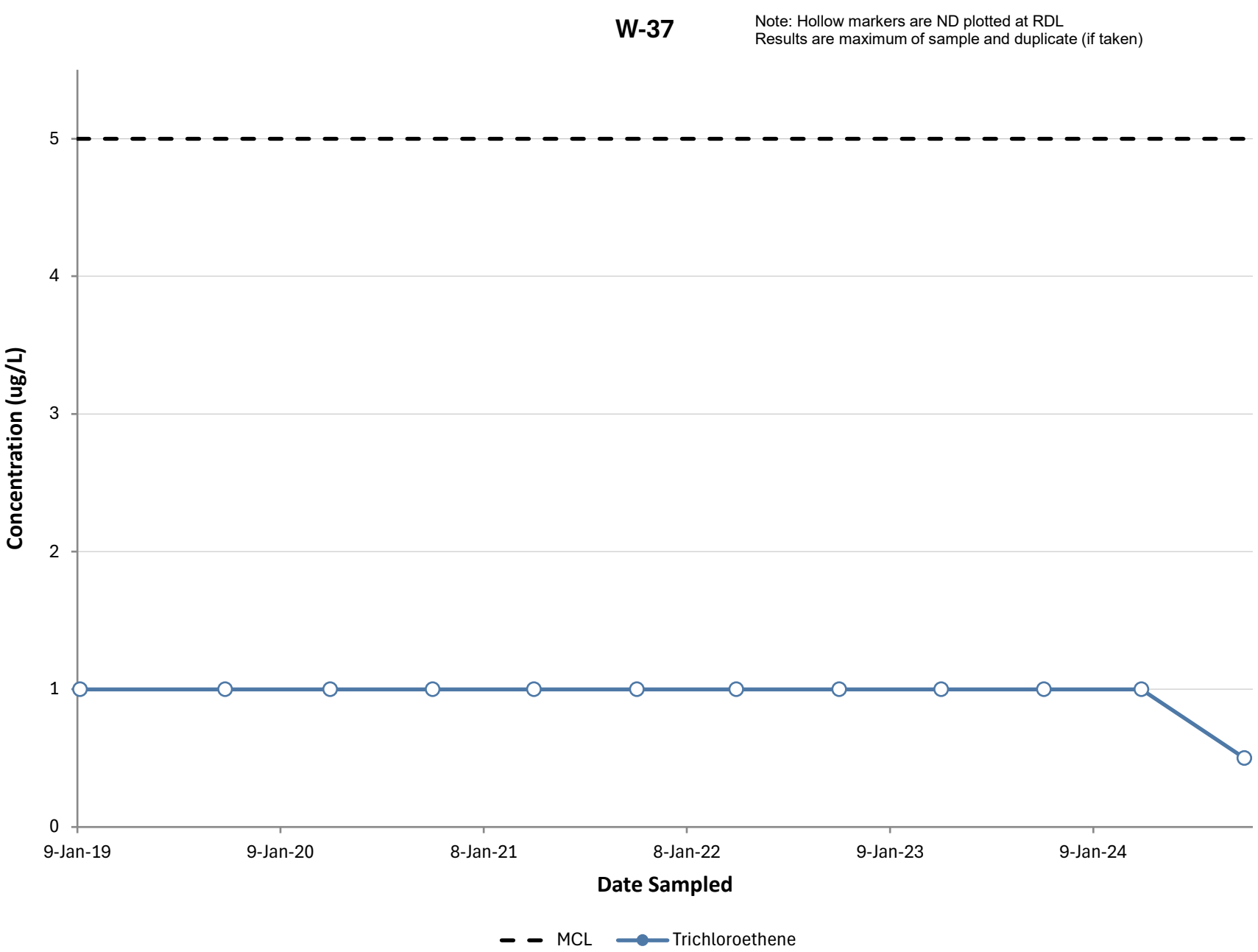

W-30
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

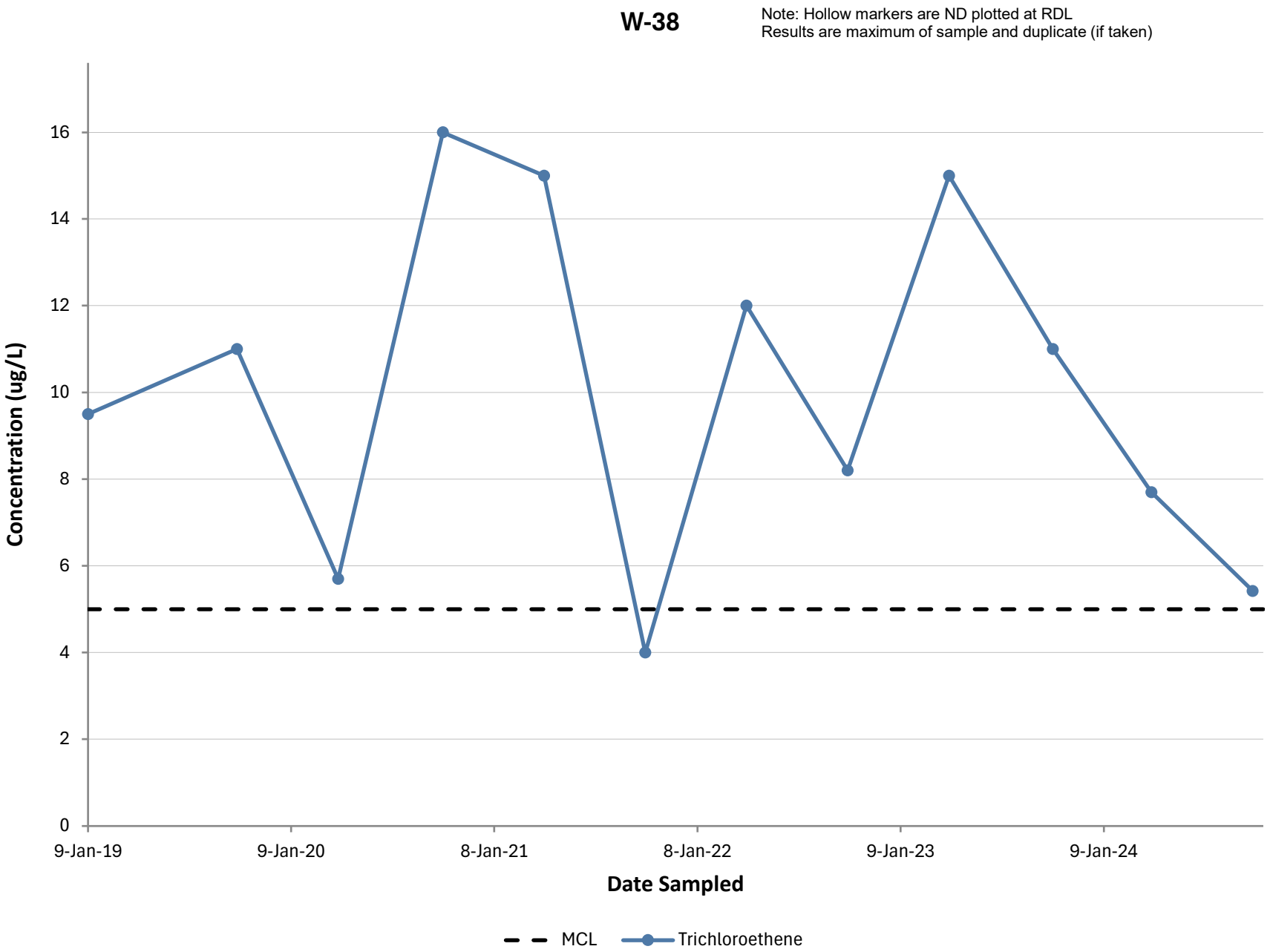

W-32
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

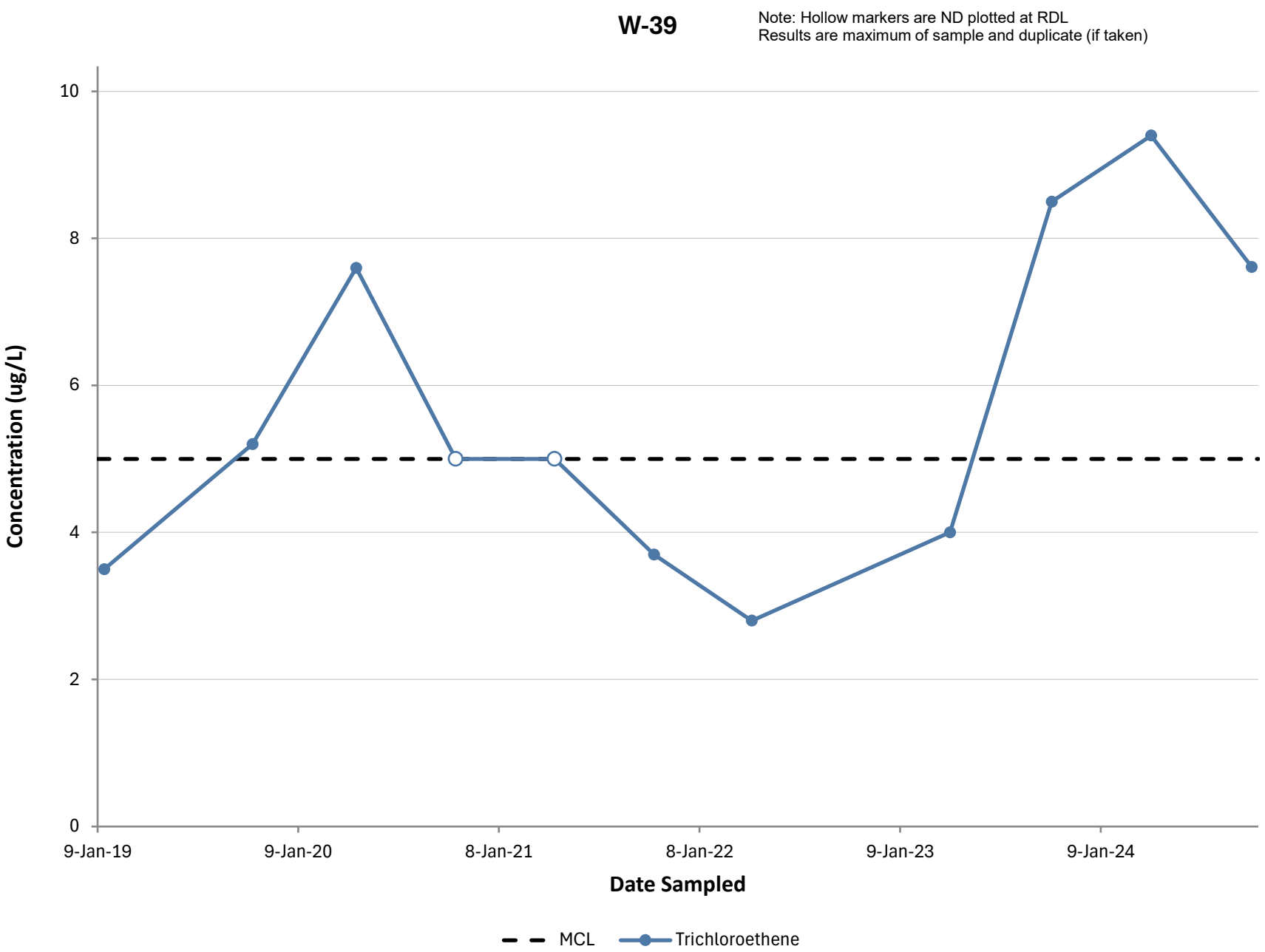

W-33
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
40
35
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

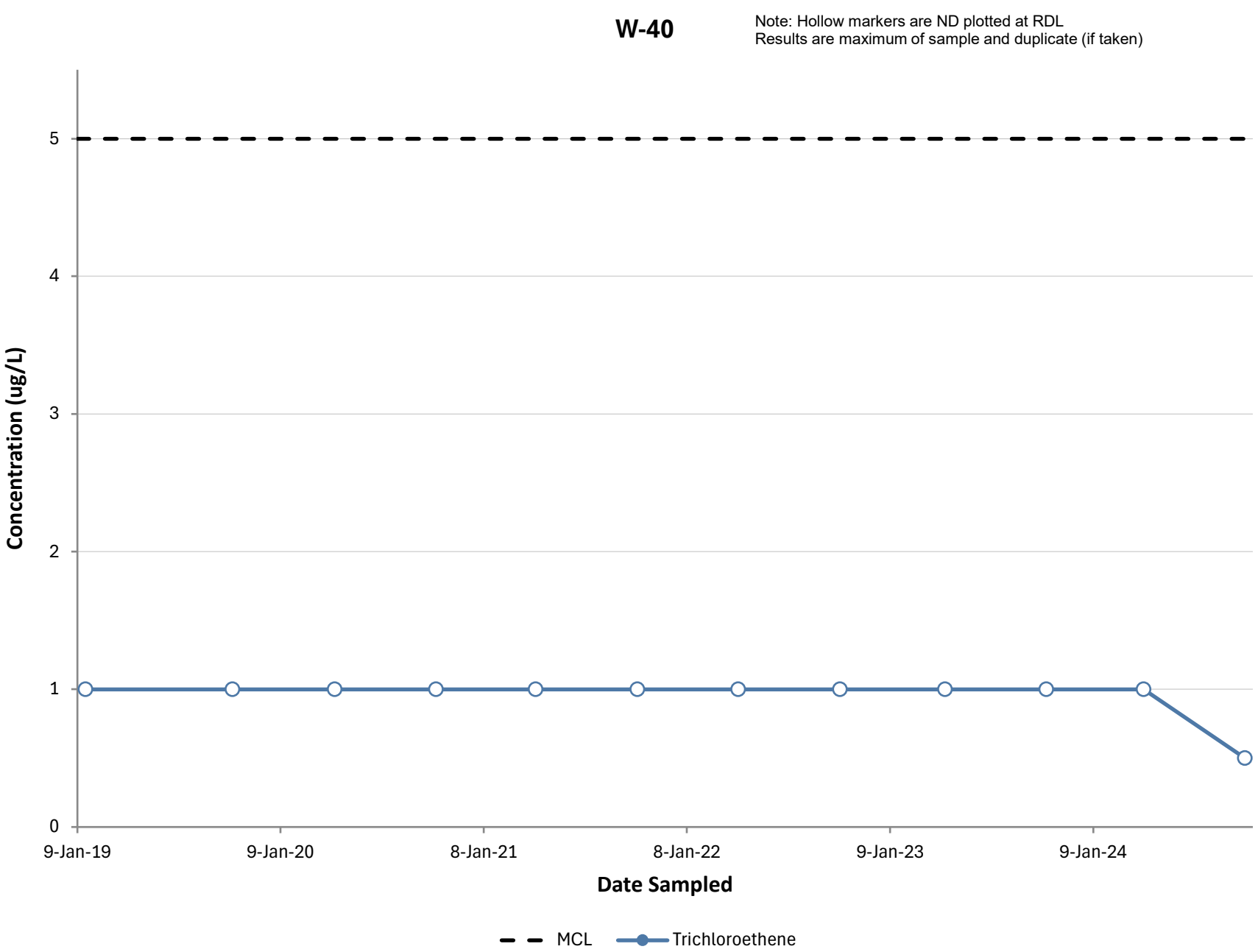

W-35
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

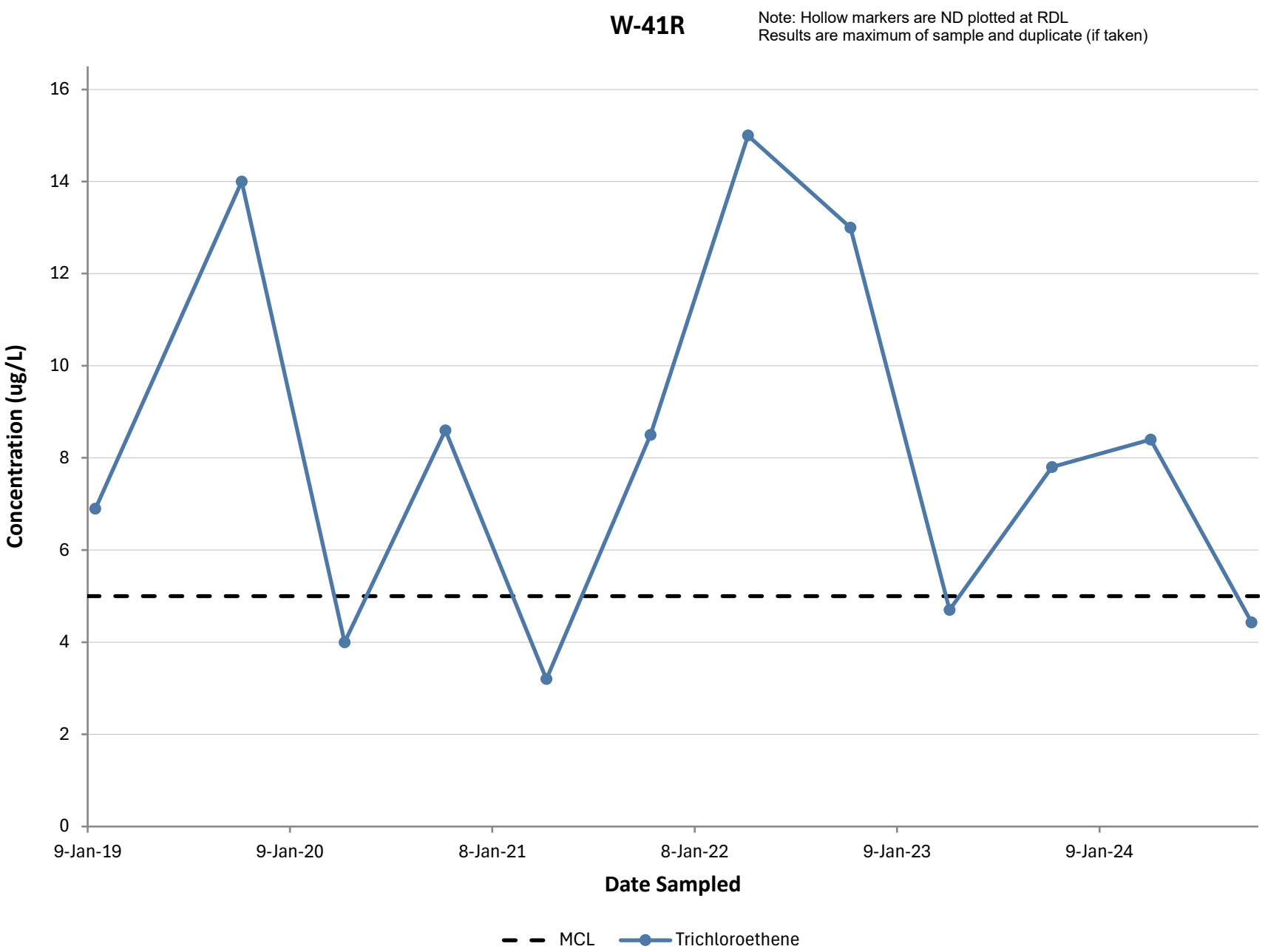

W-36
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

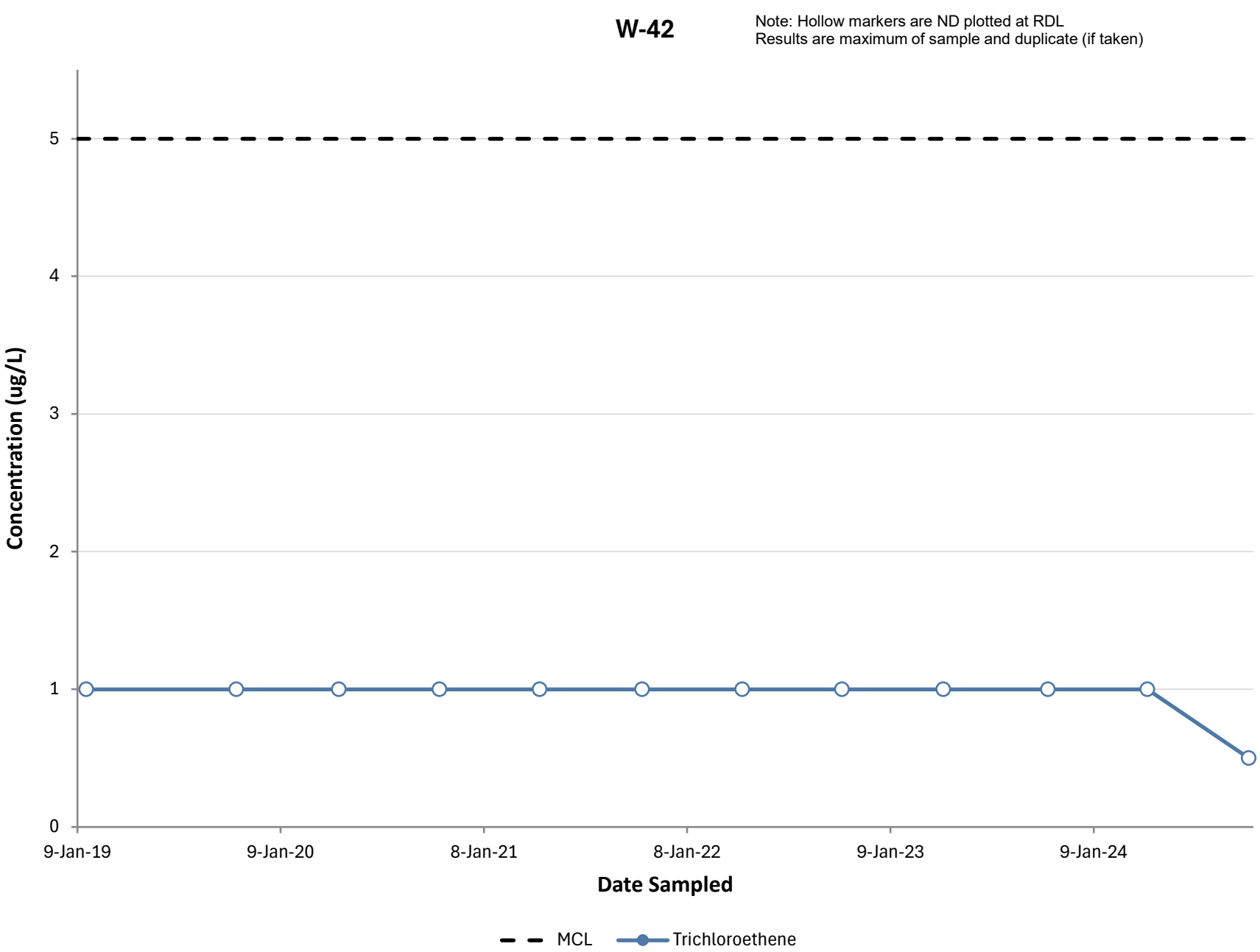

W-37
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

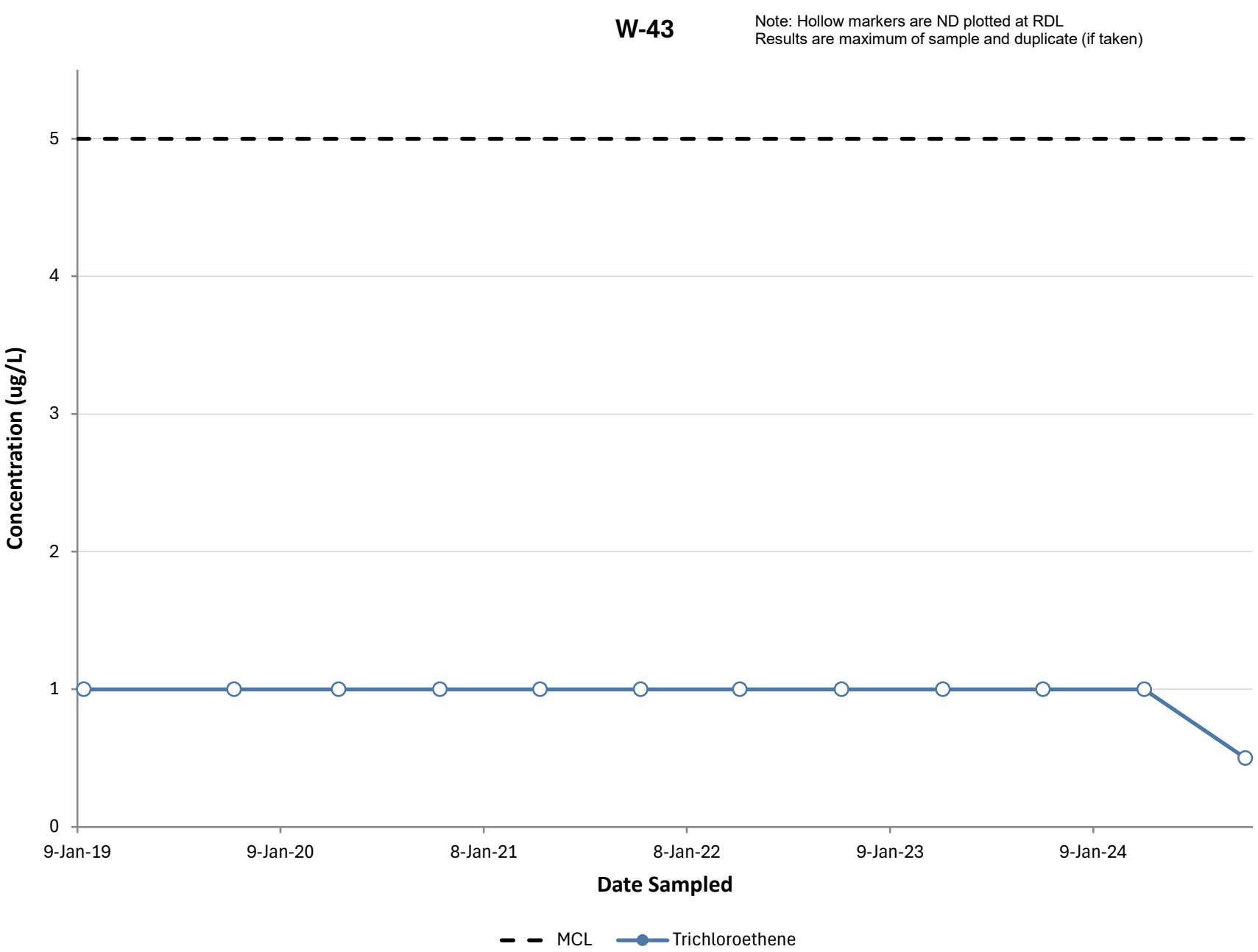

W-38
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
16
14
12
10
8
6
4
2
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

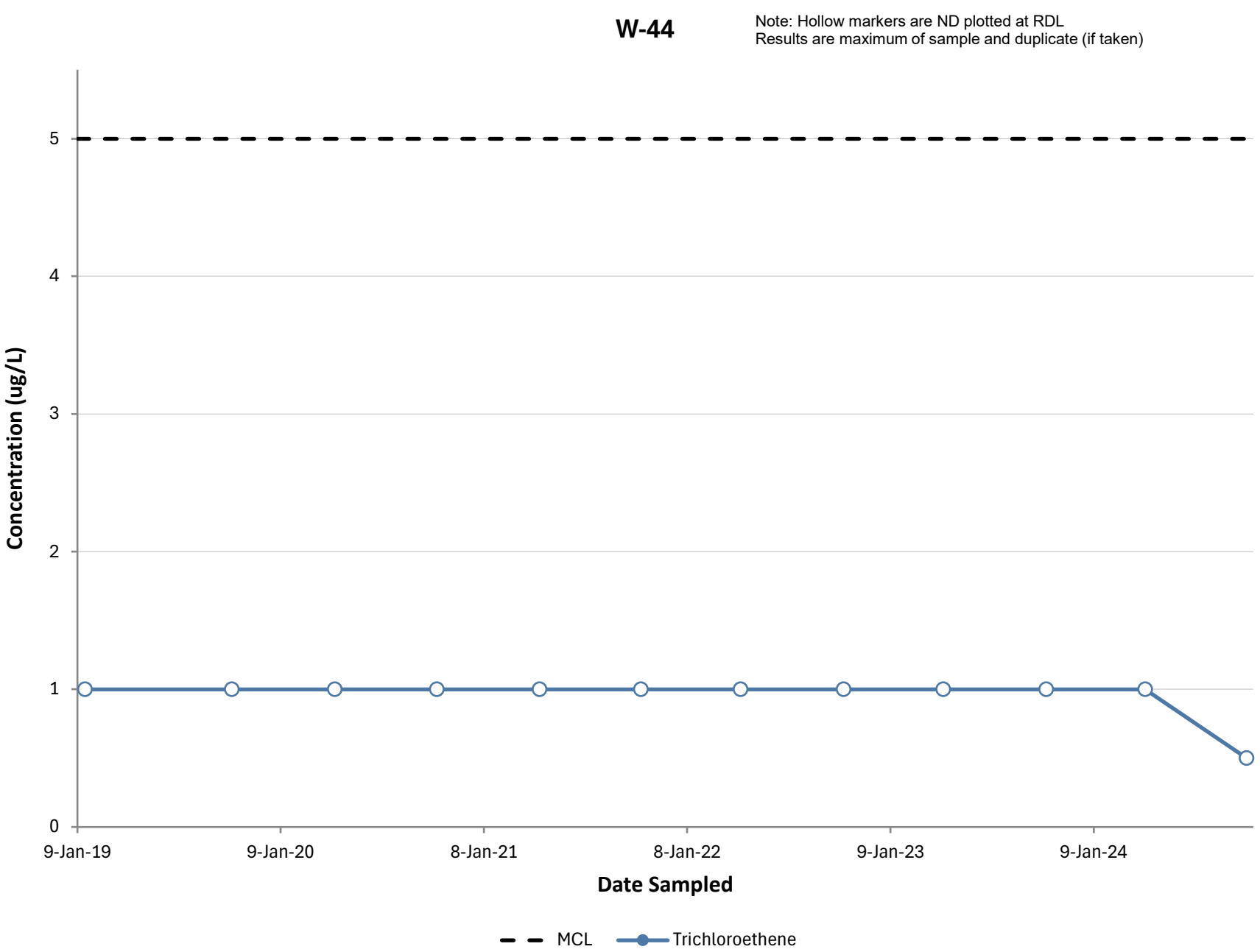

W-39
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
10
8
6
4
2
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

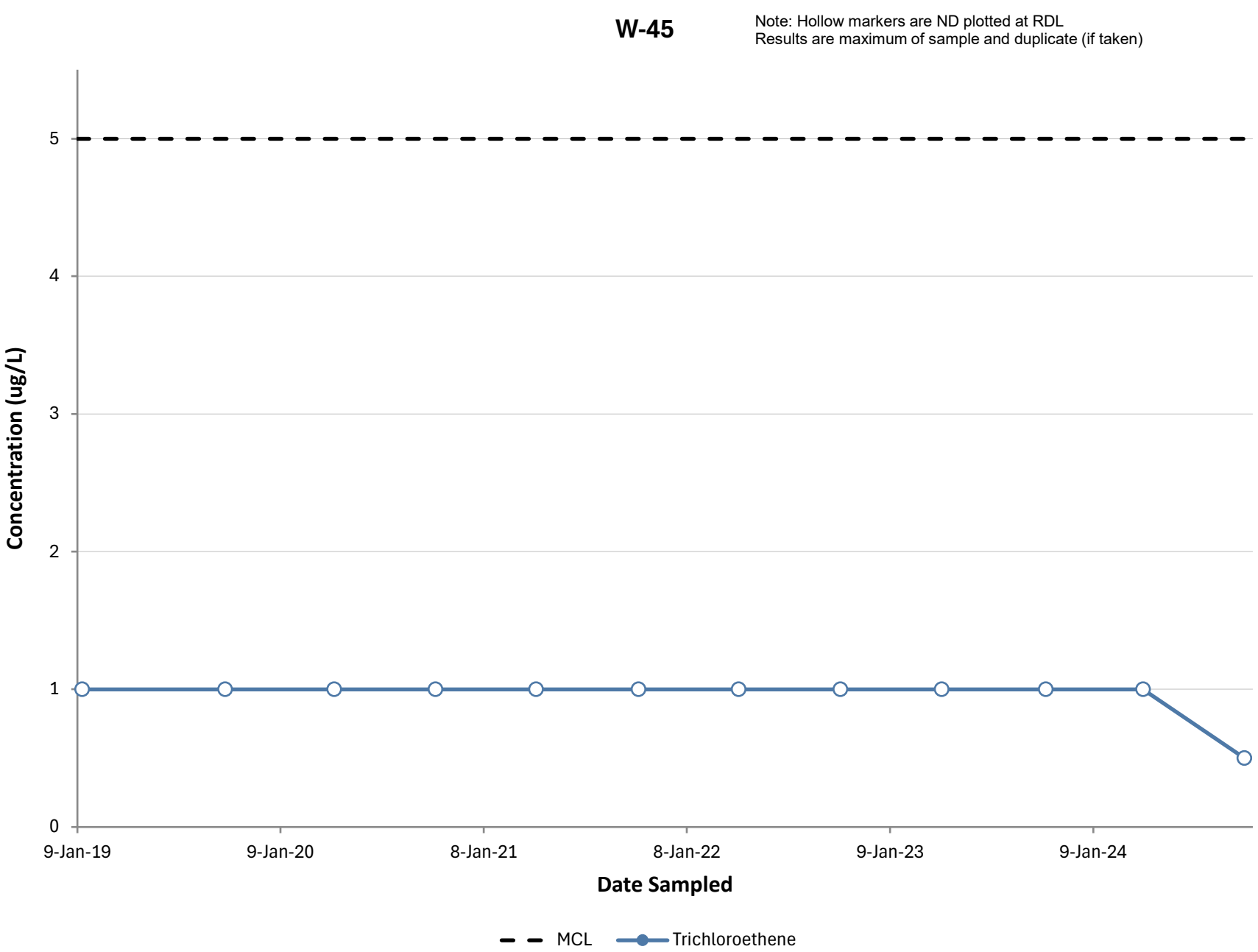

W-40
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

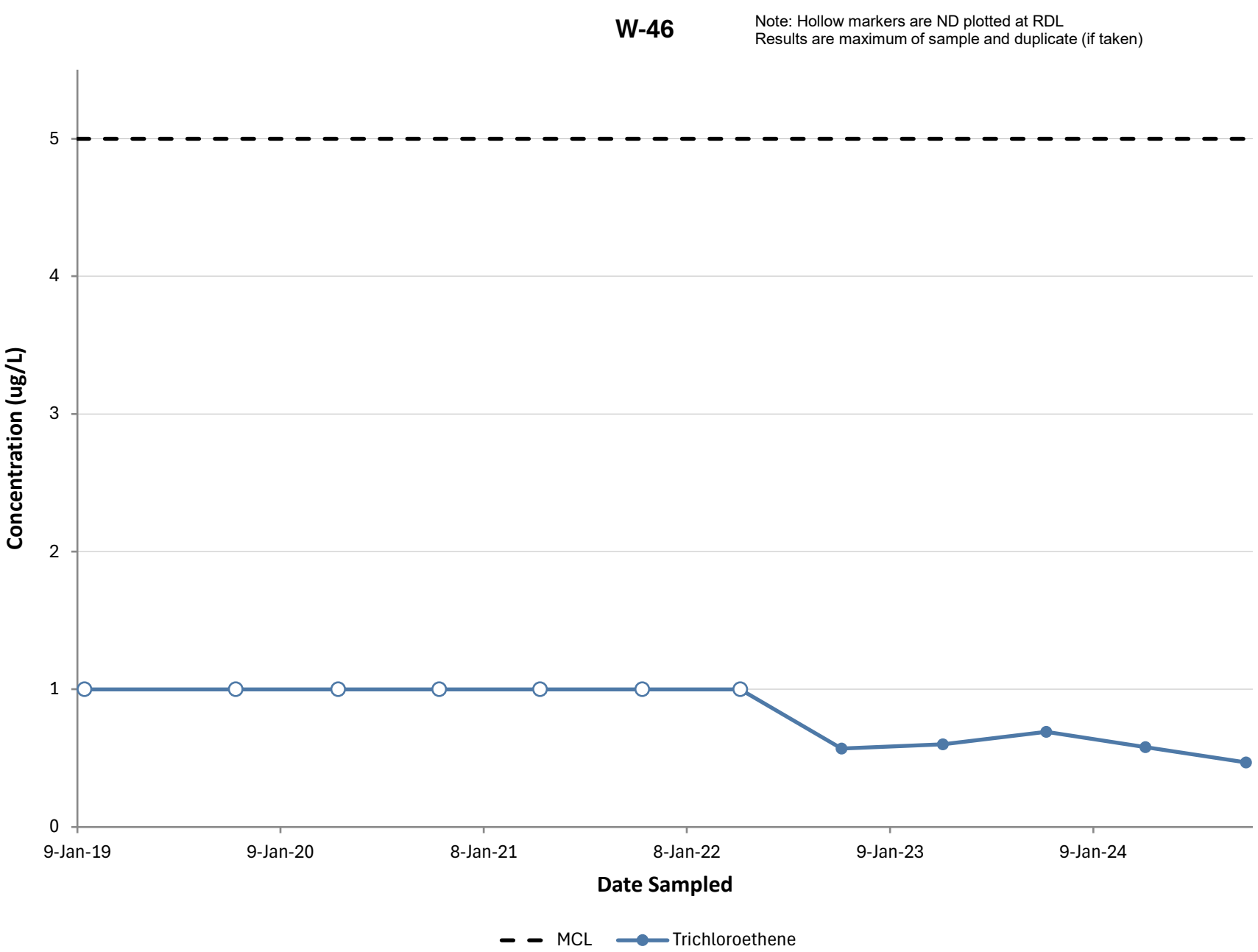

W-41R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
16
14
12
10
8
6
4
2
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

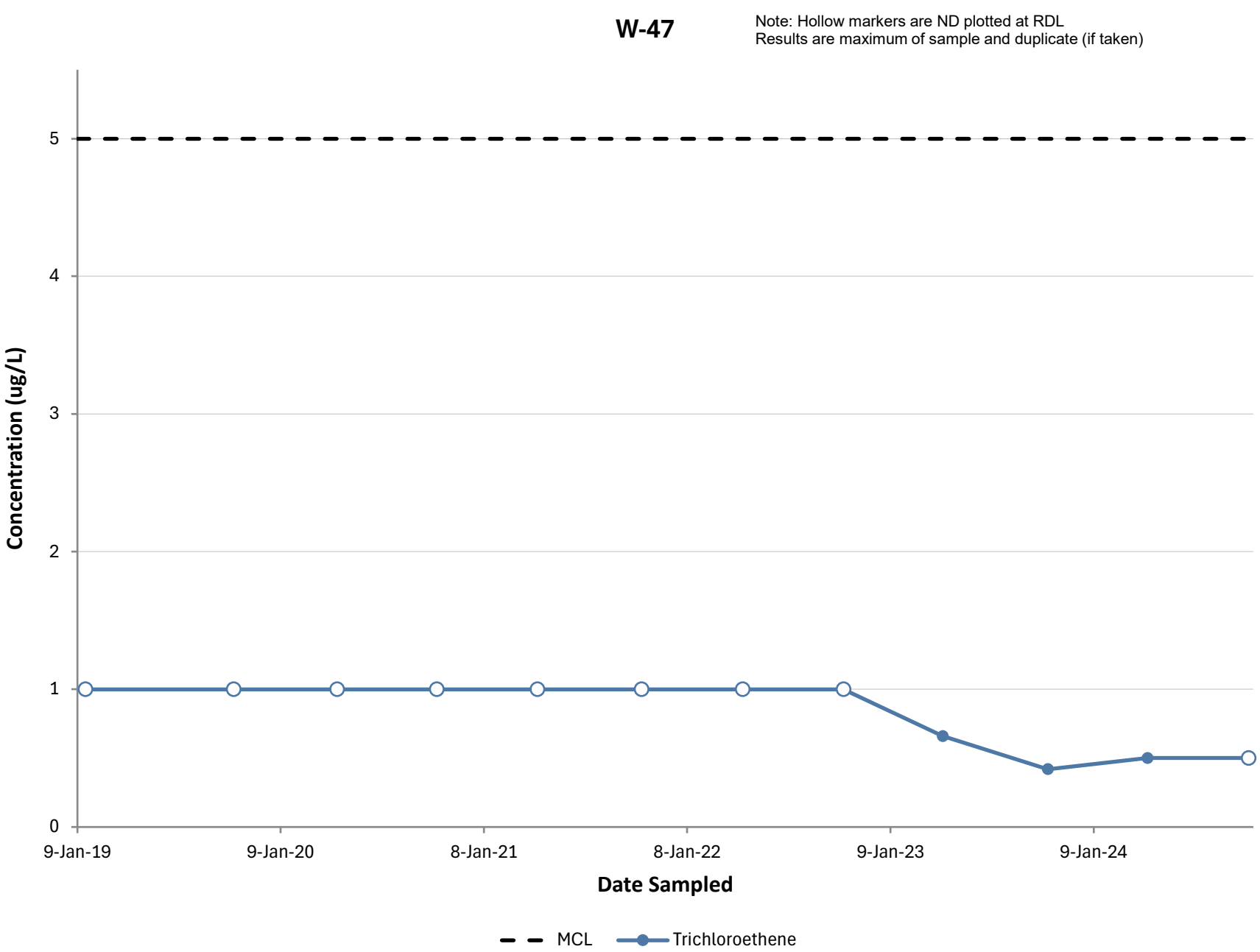

W-42
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

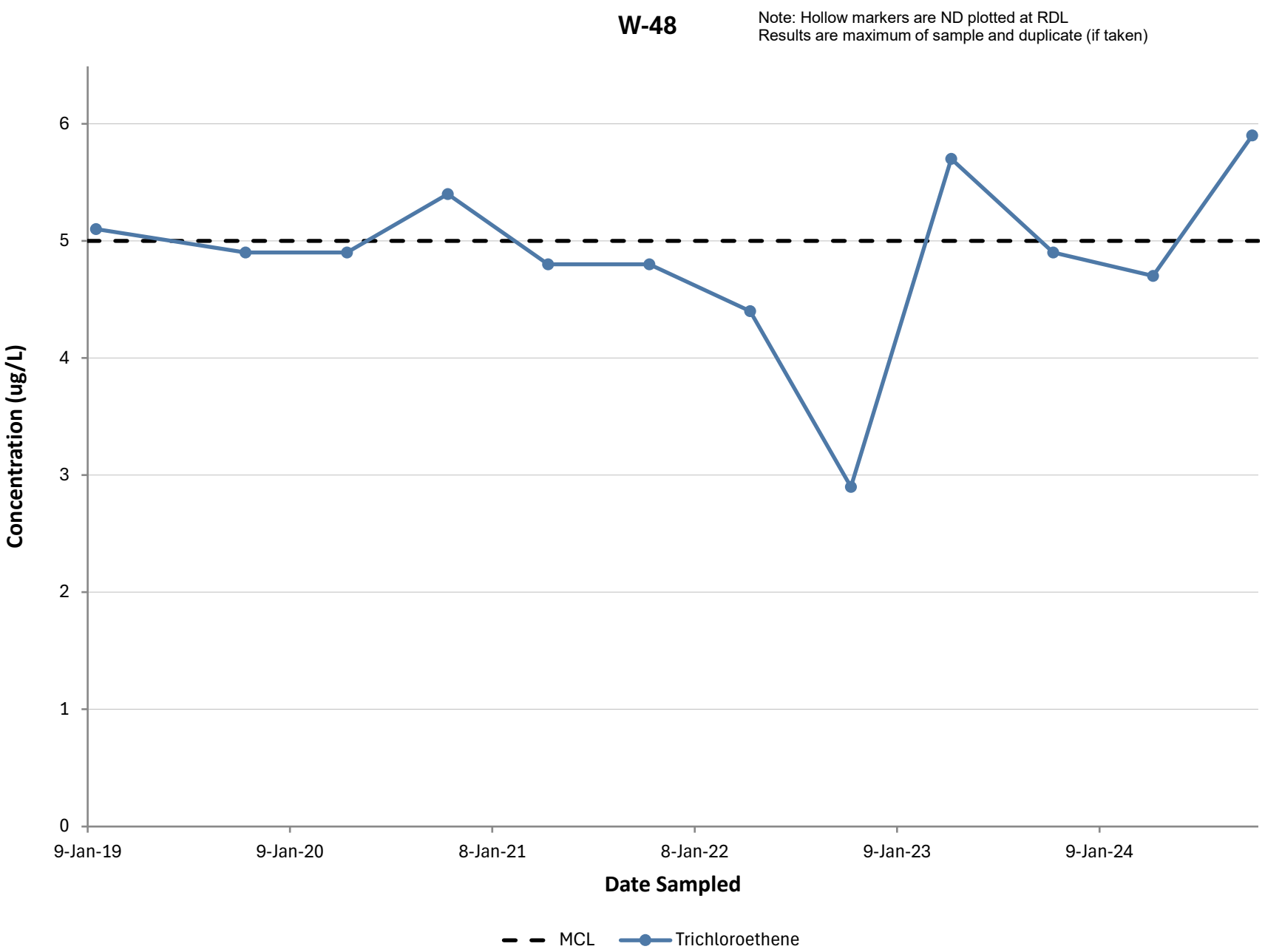

W-43
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

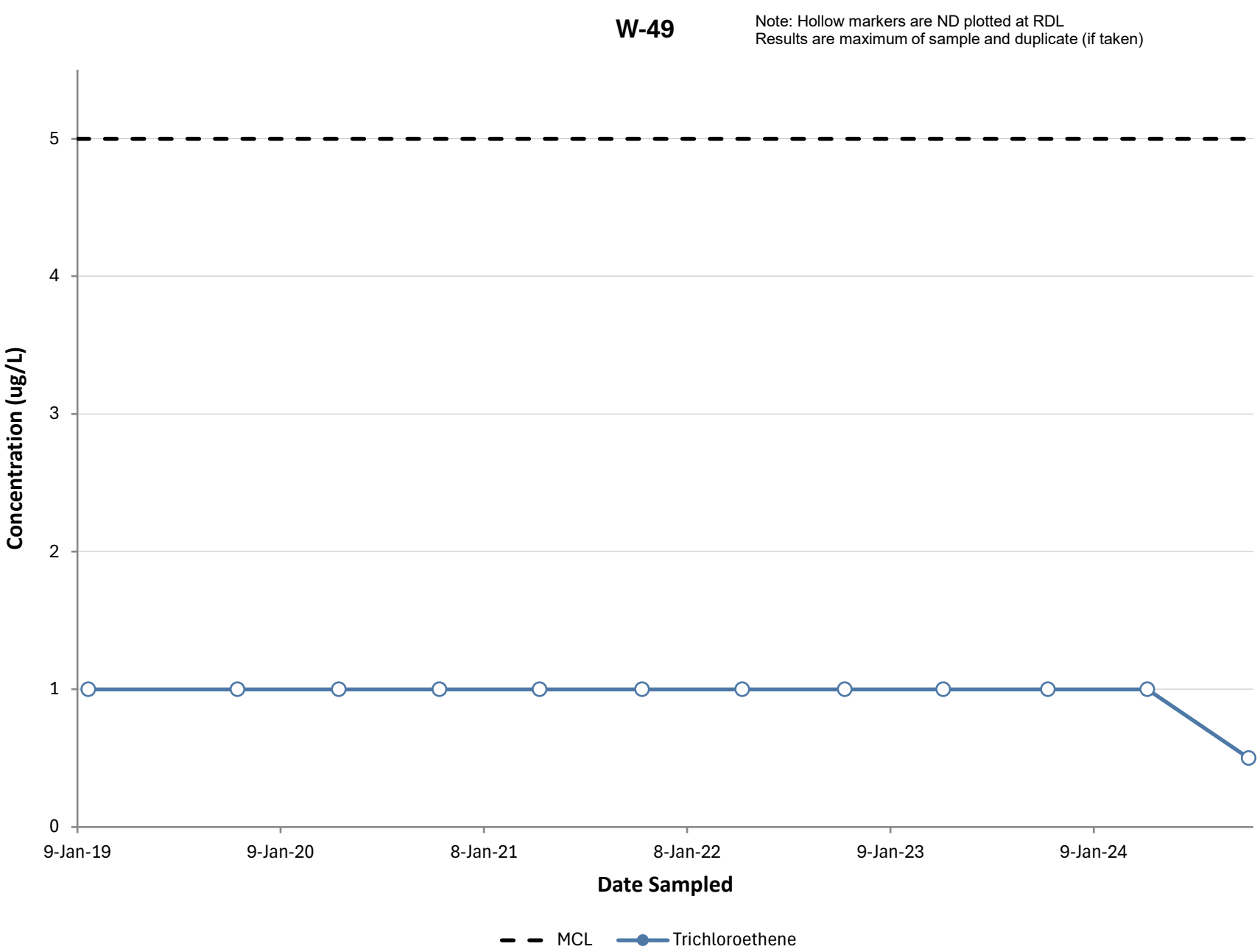

W-44
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

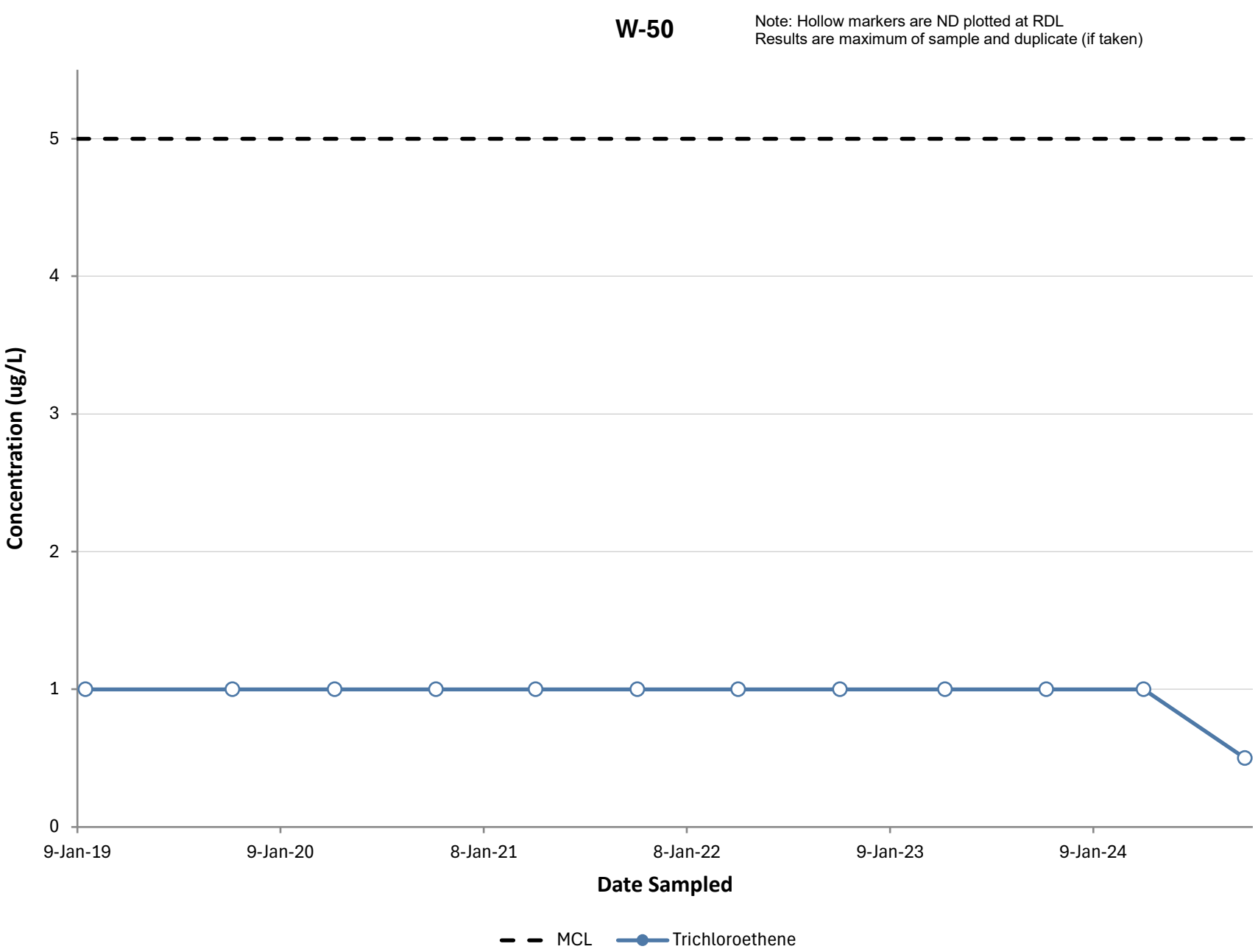

W-45
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

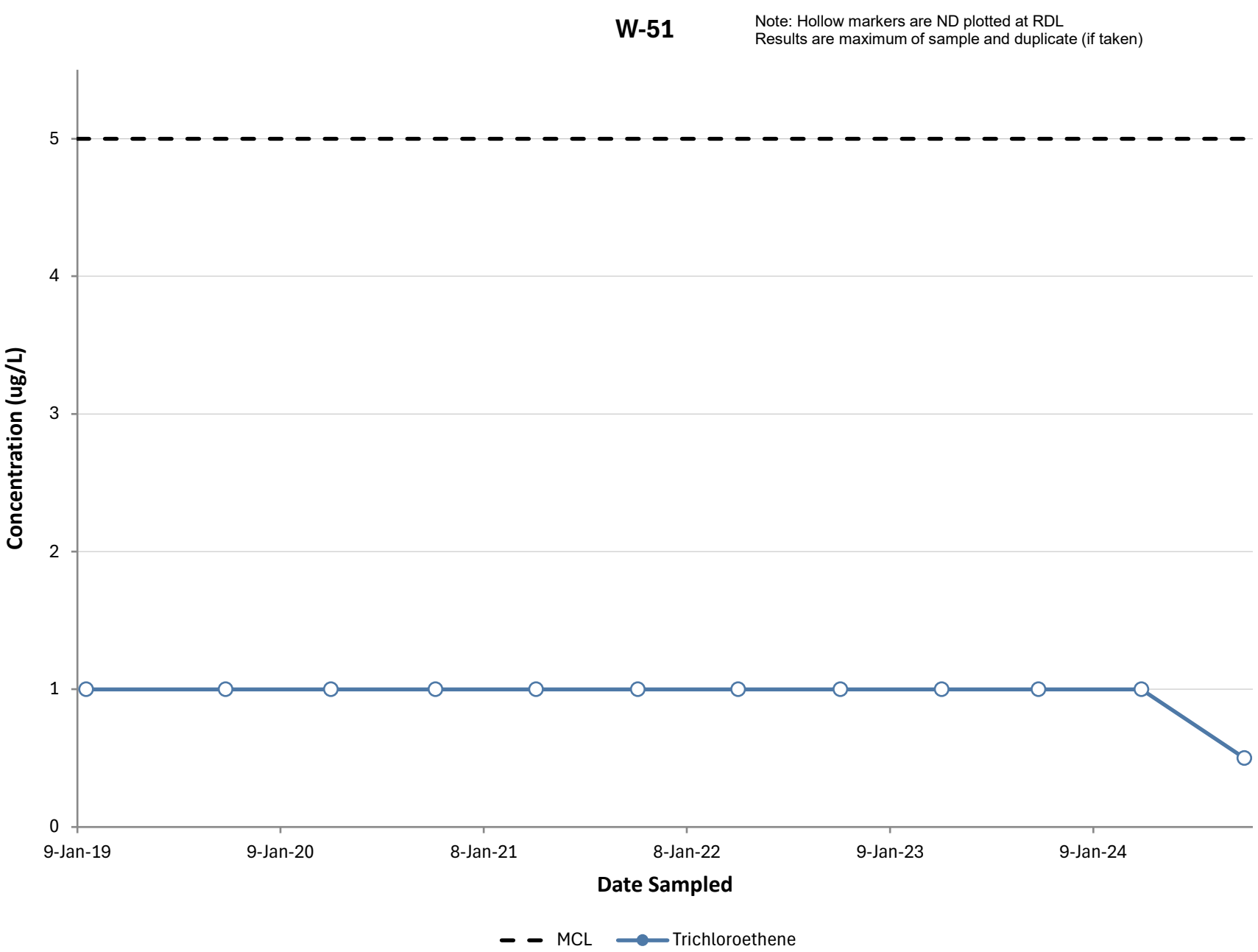

W-46
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

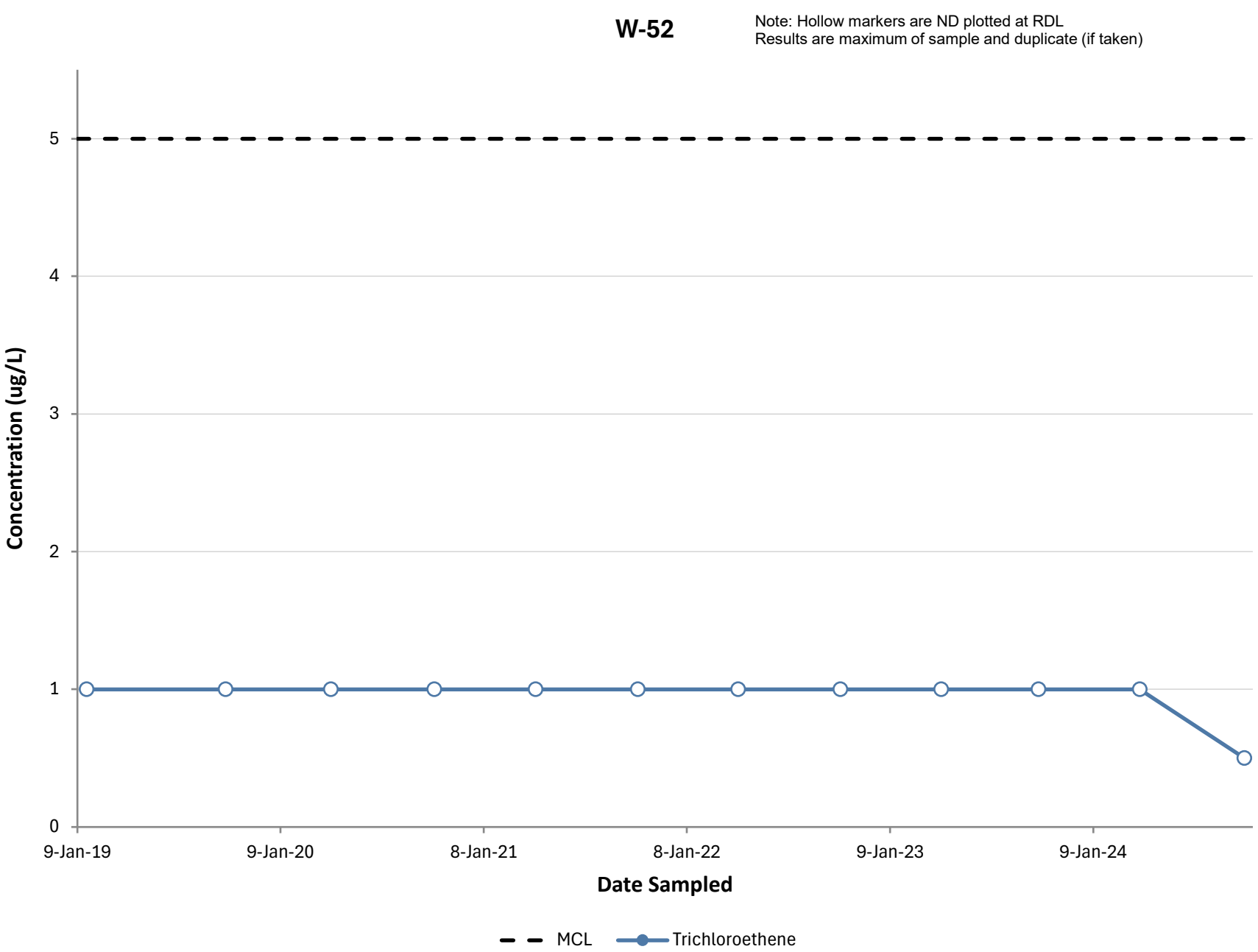

W-47
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

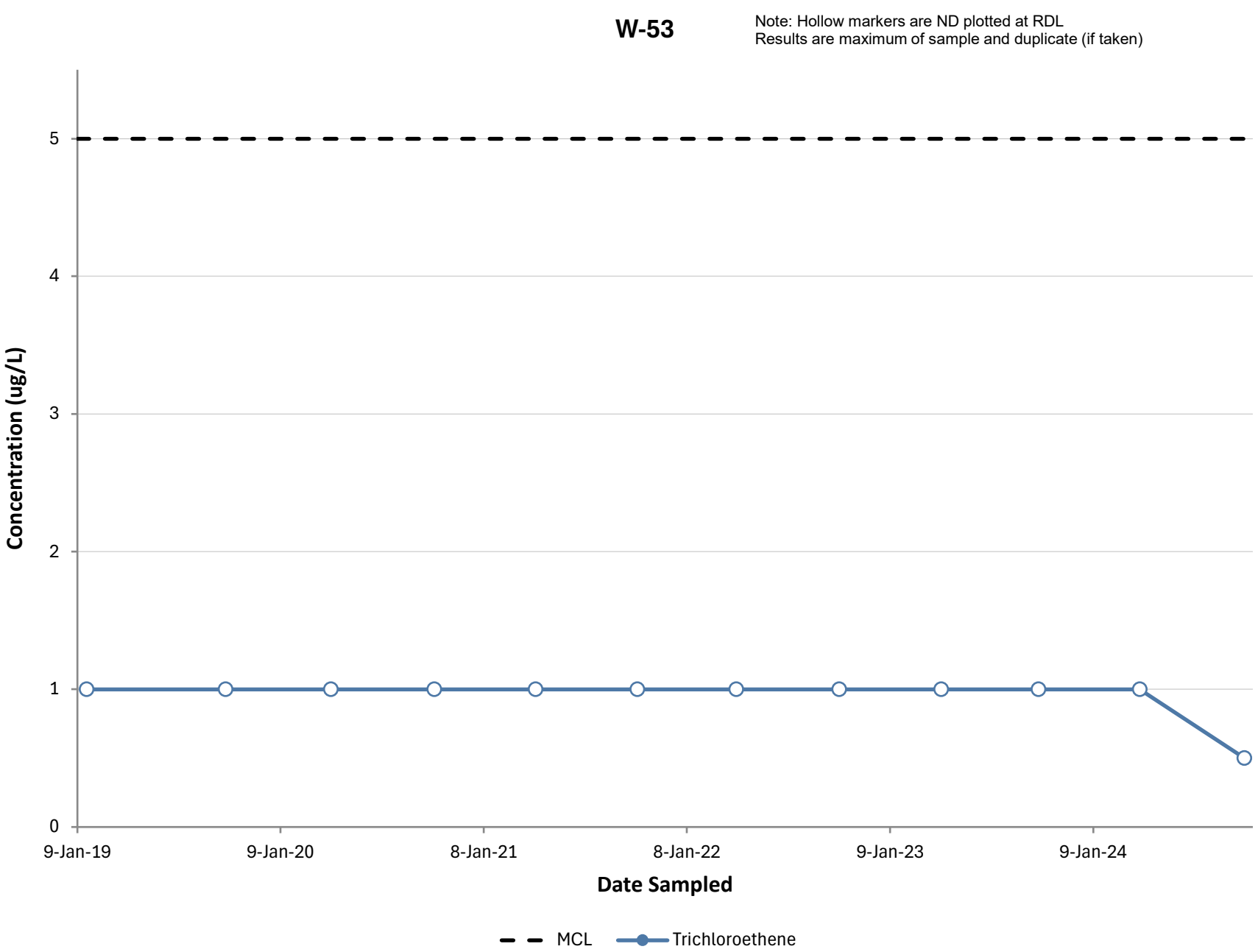

W-48
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
6
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

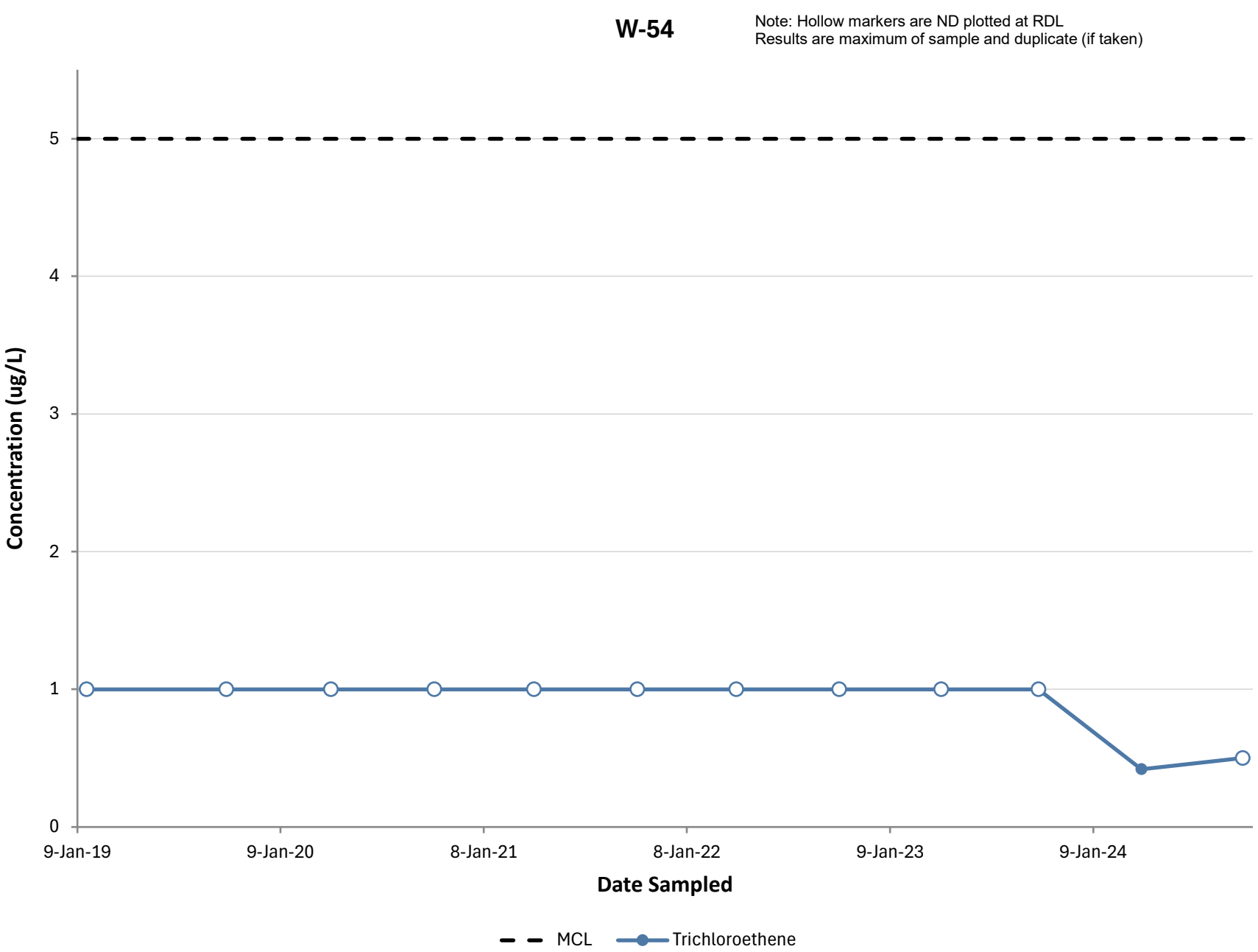

W-49
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

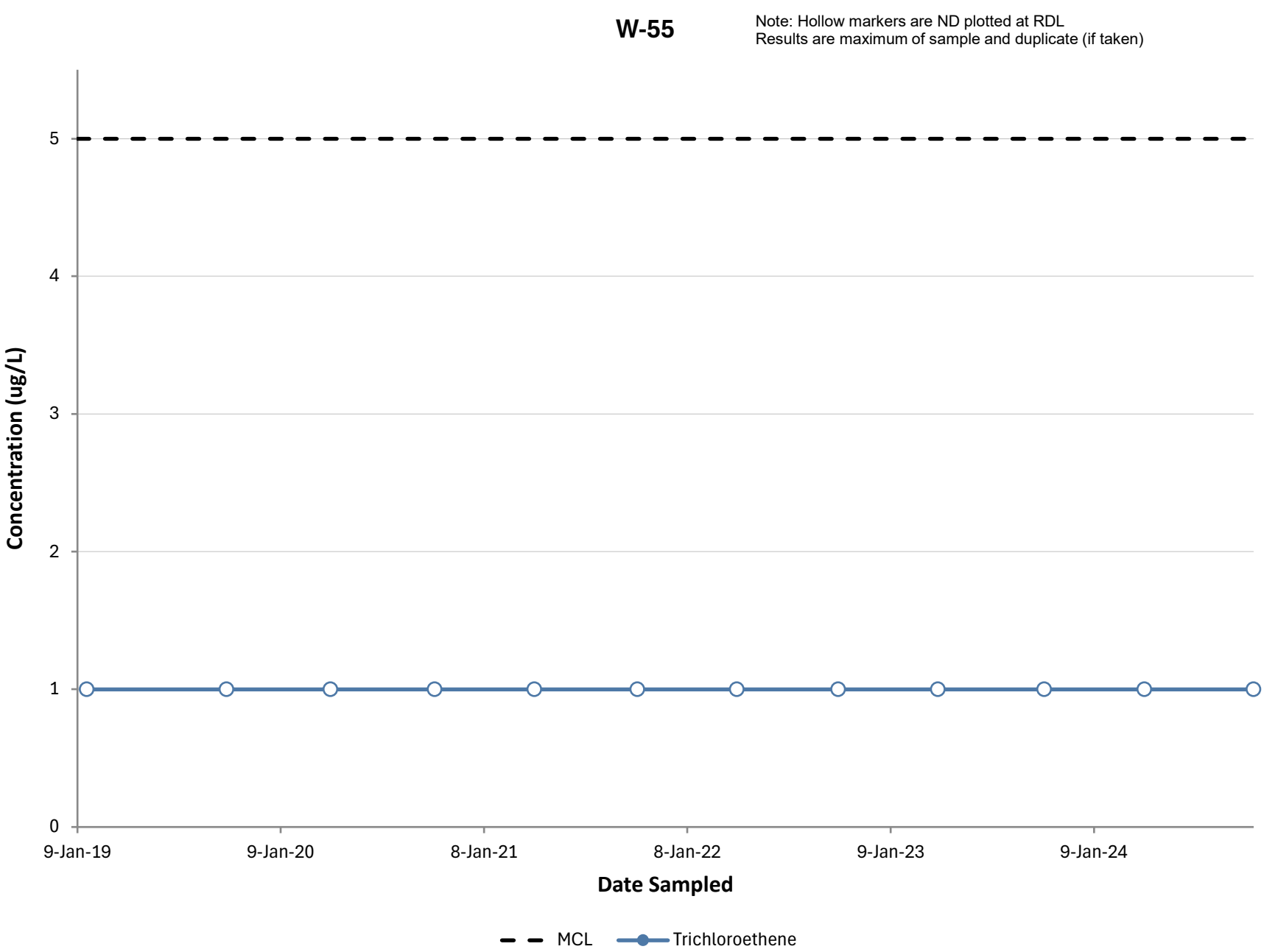

W-50
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

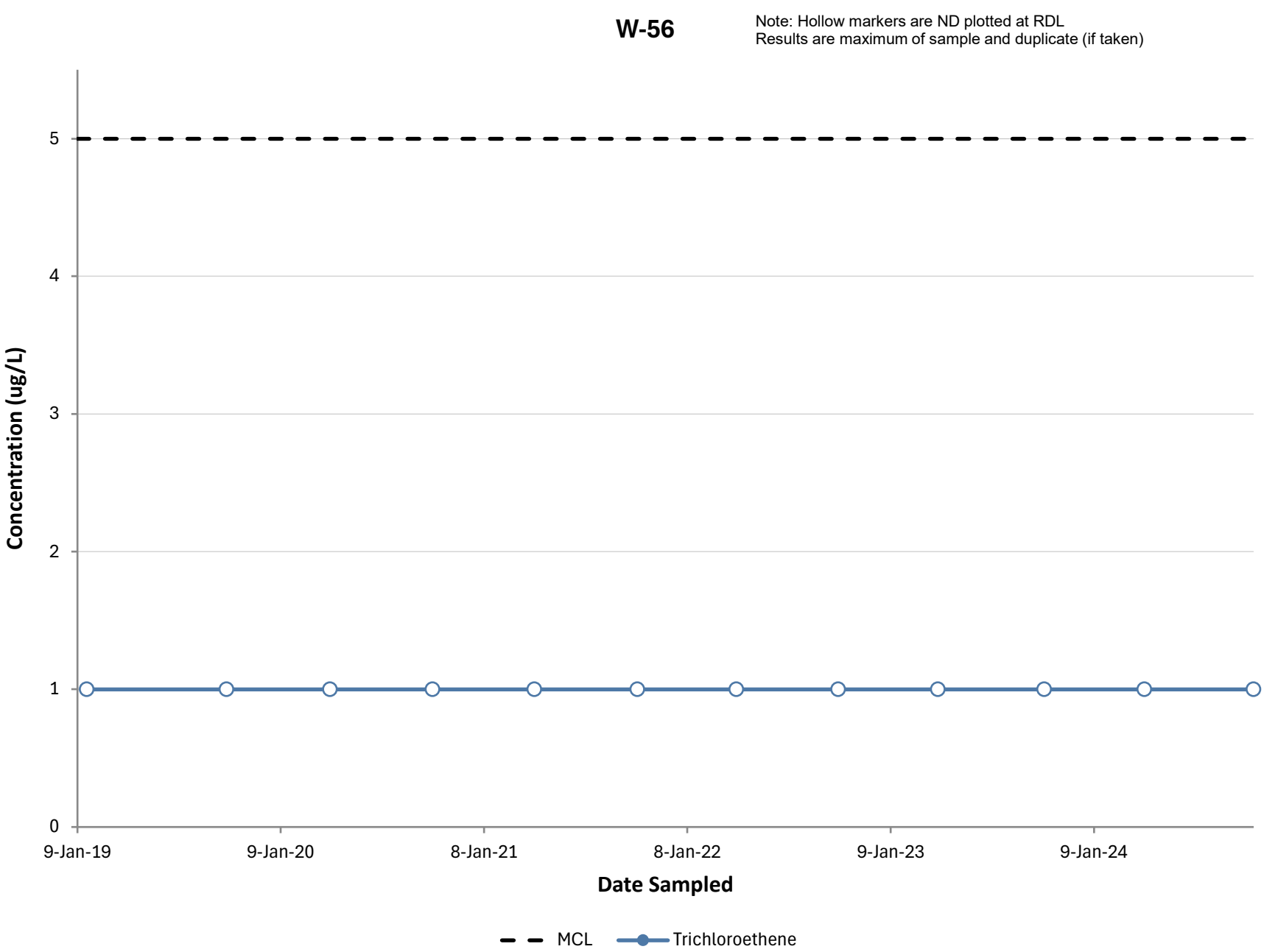

W-51
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

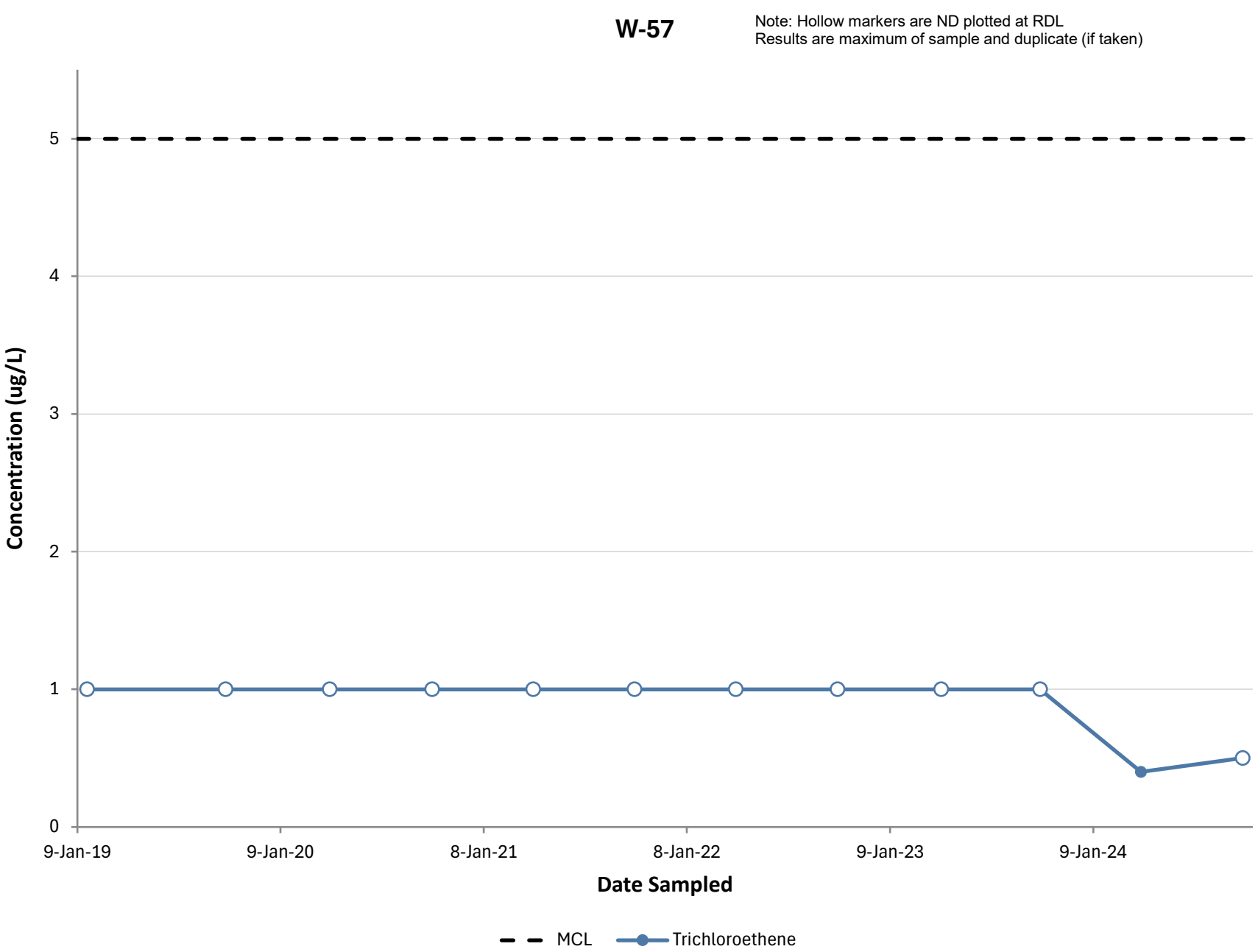

W-52
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

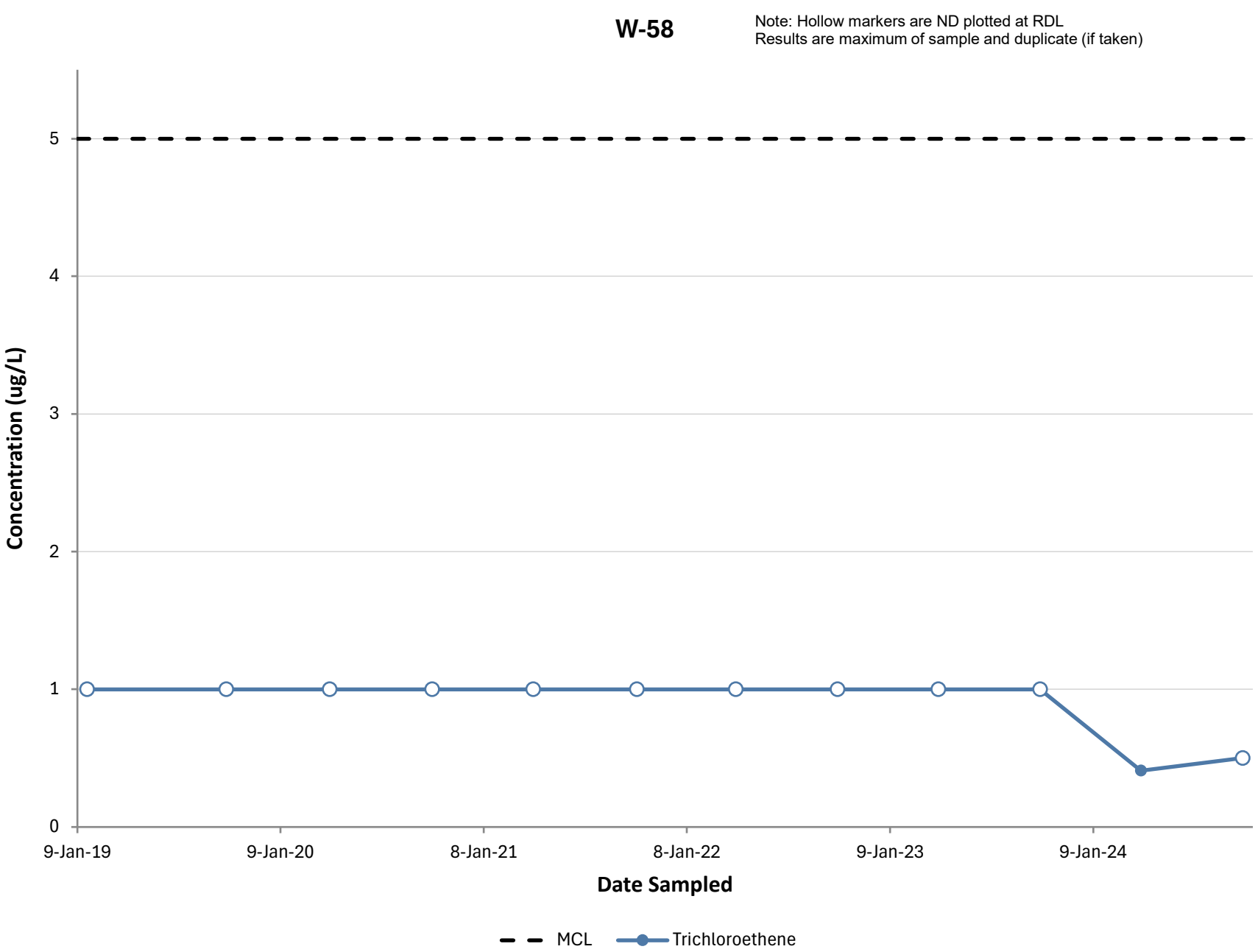

W-53
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

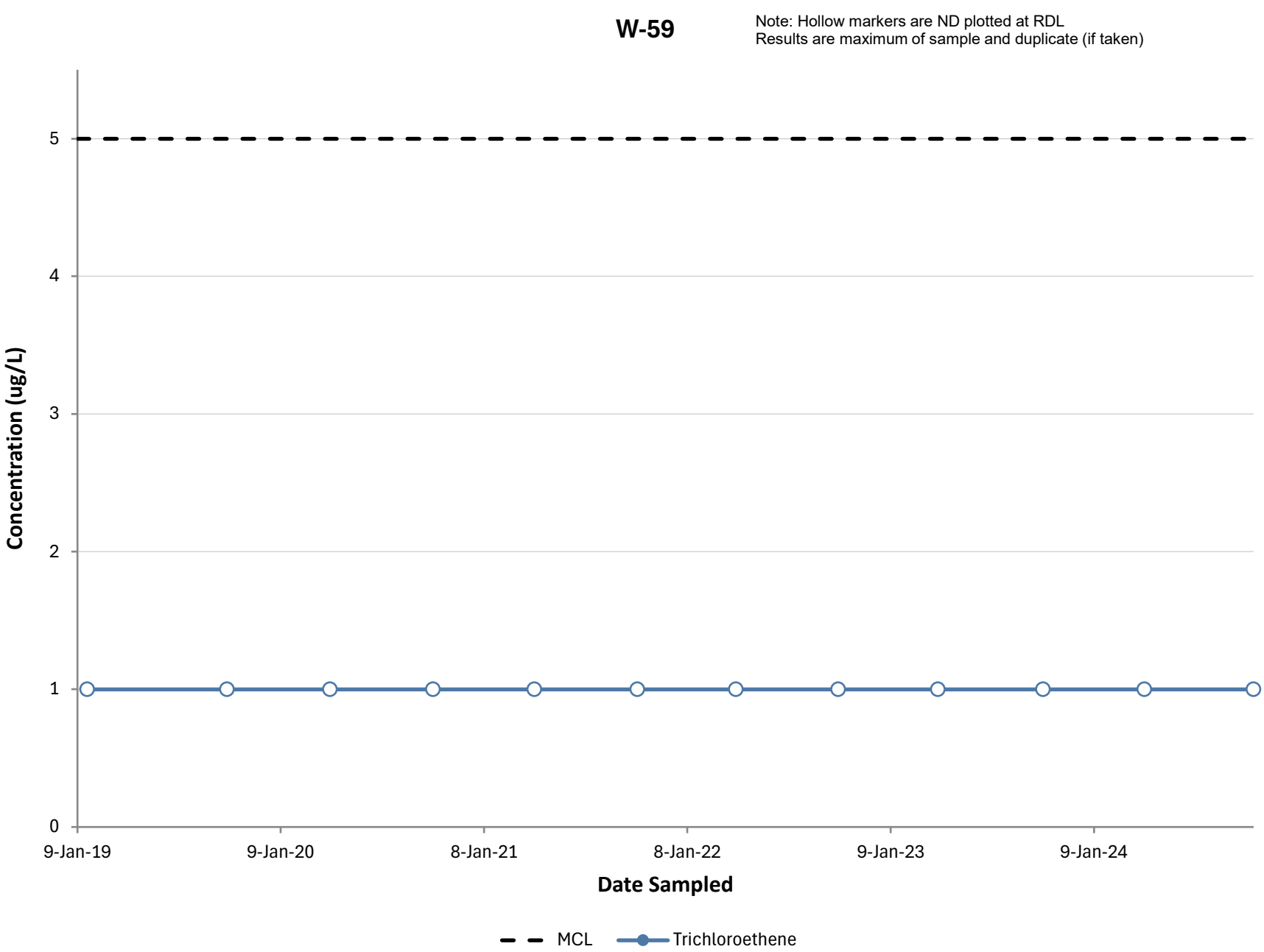

W-54
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

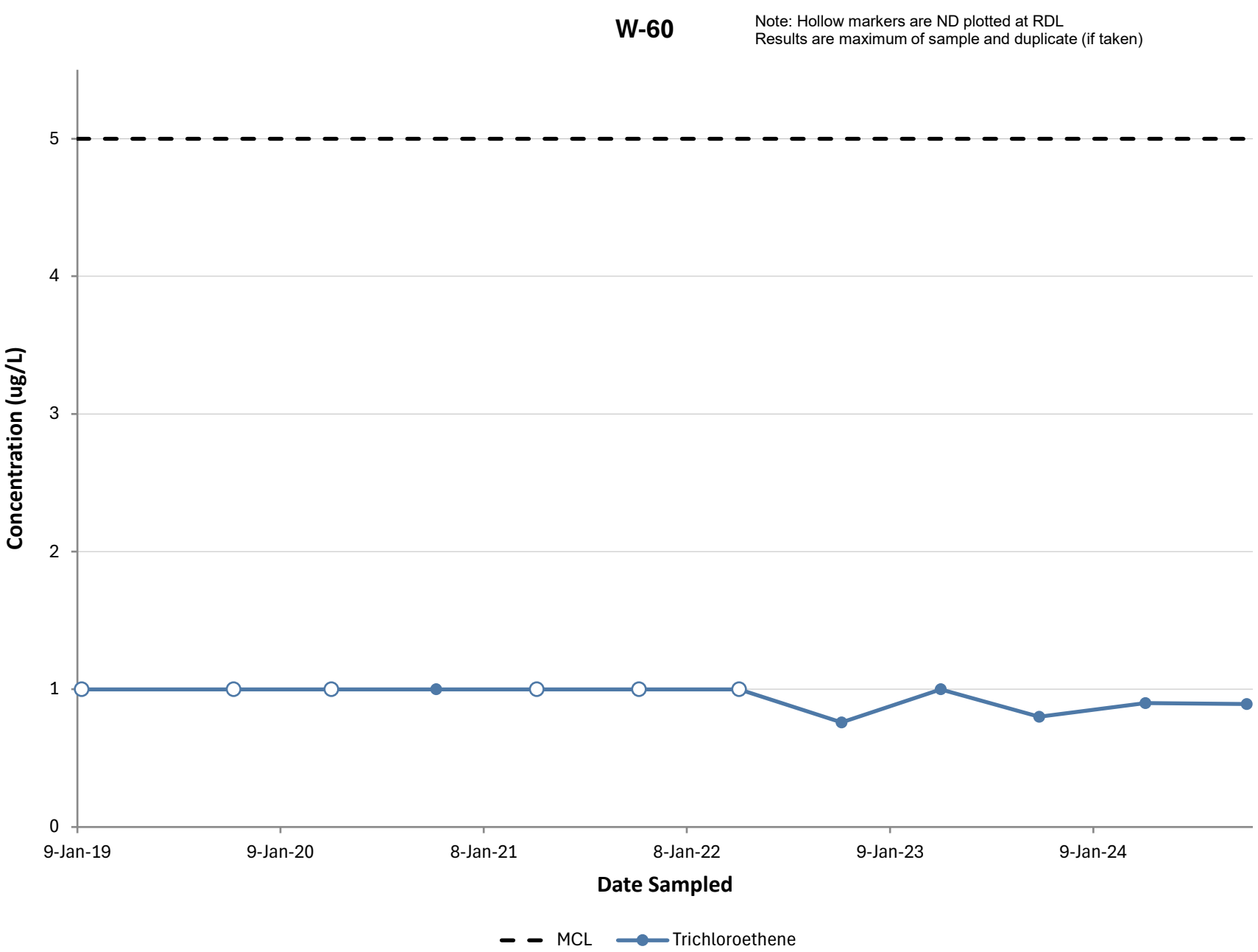

W-55
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

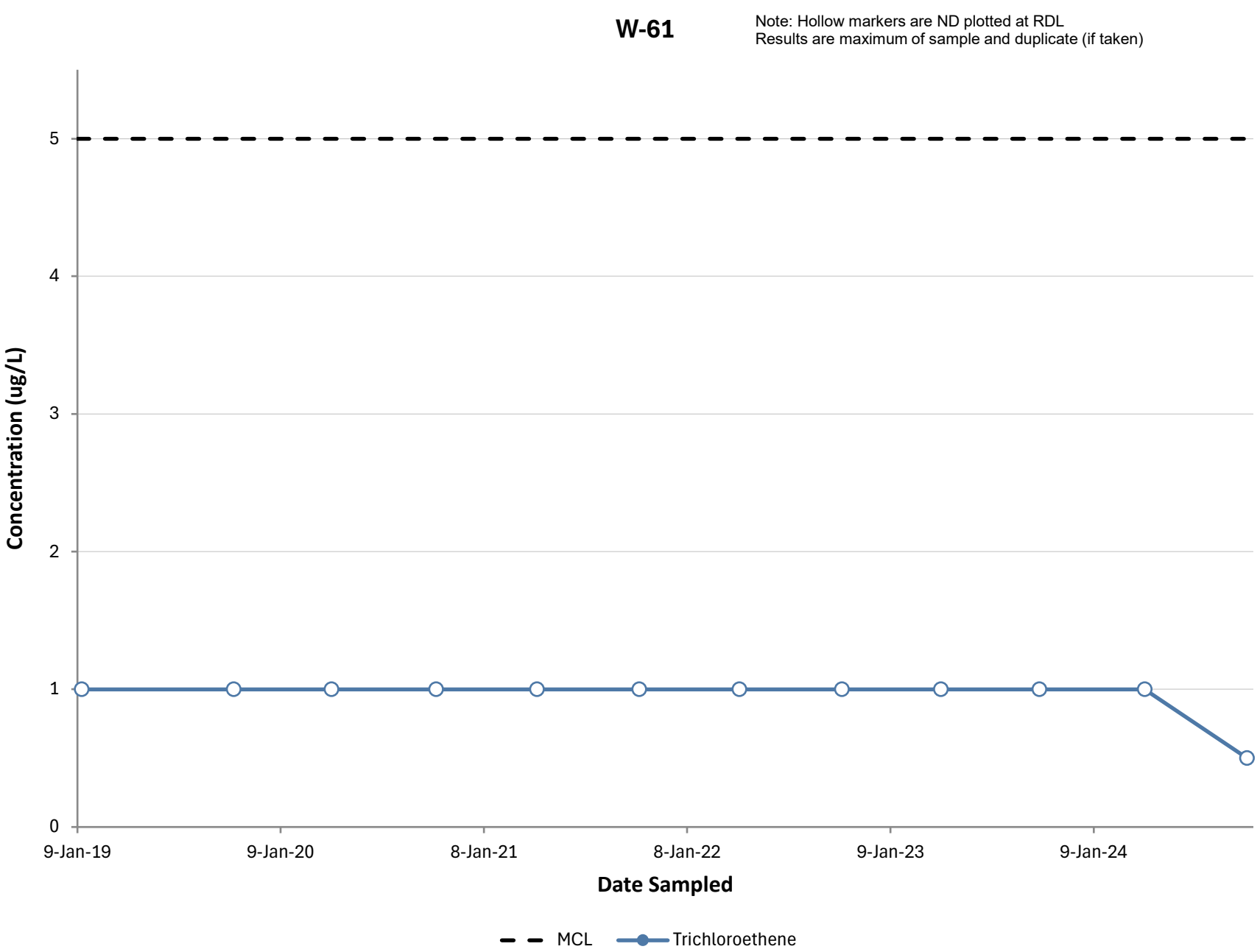

W-56
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

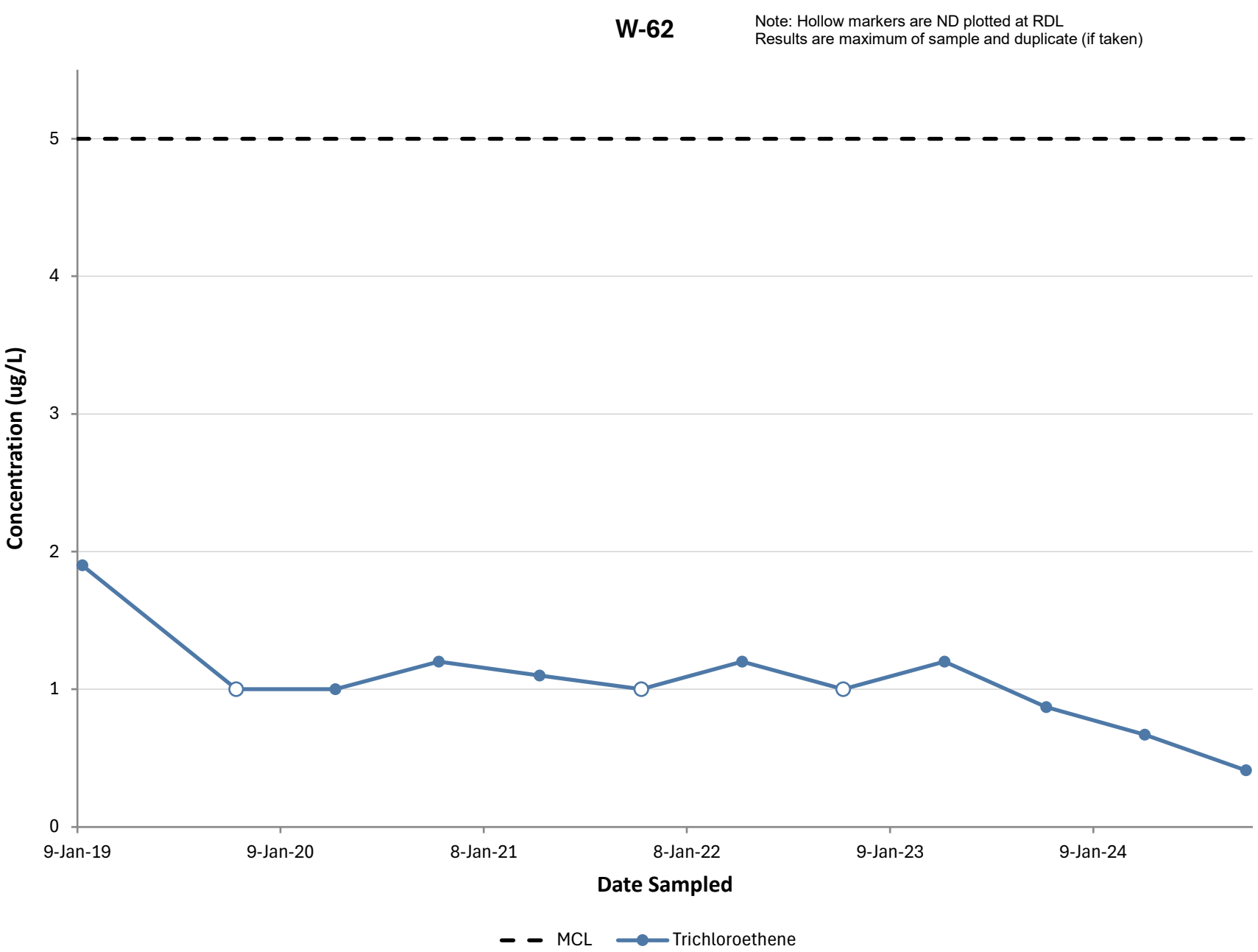

W-57
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

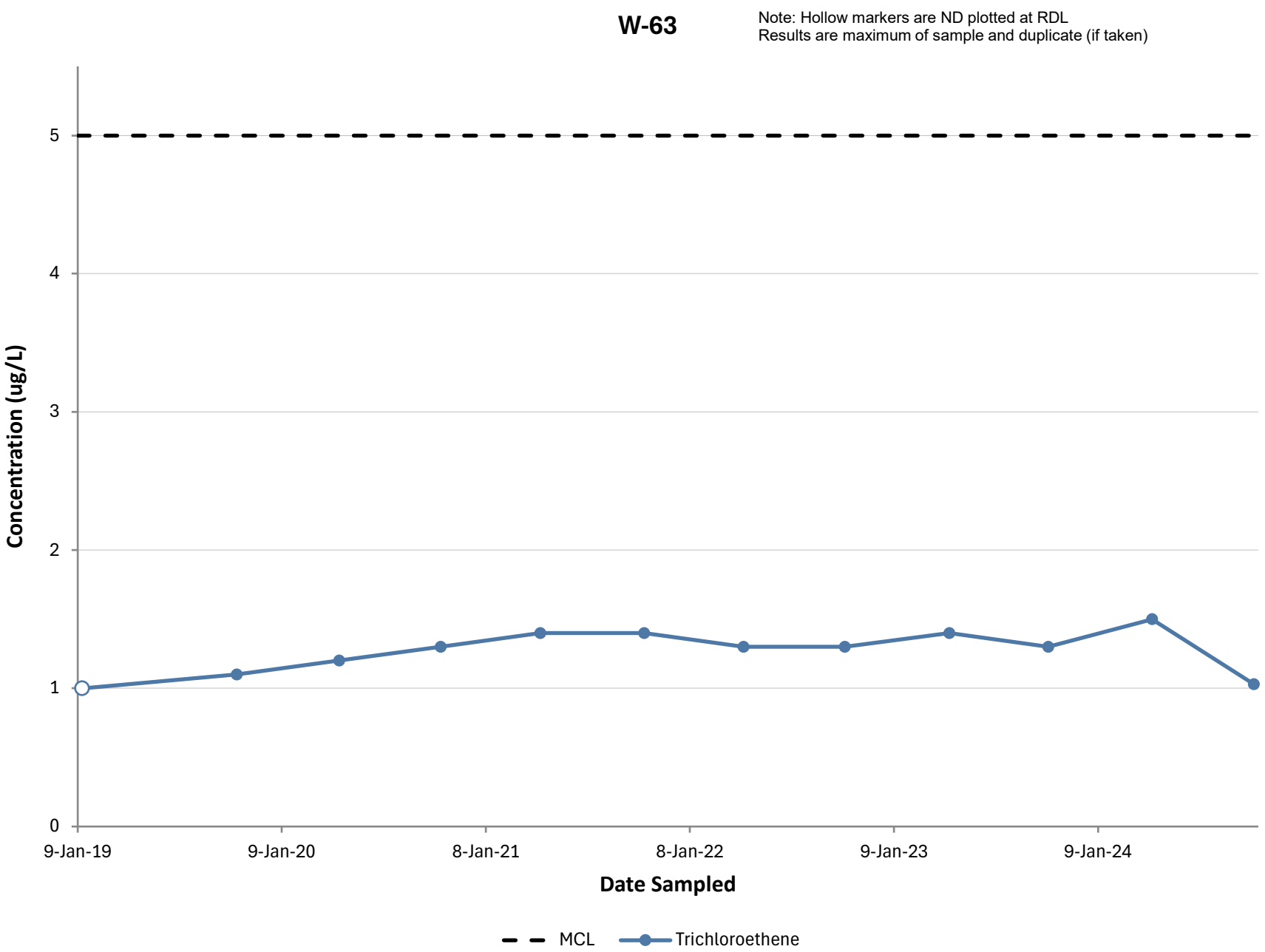

W-58
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

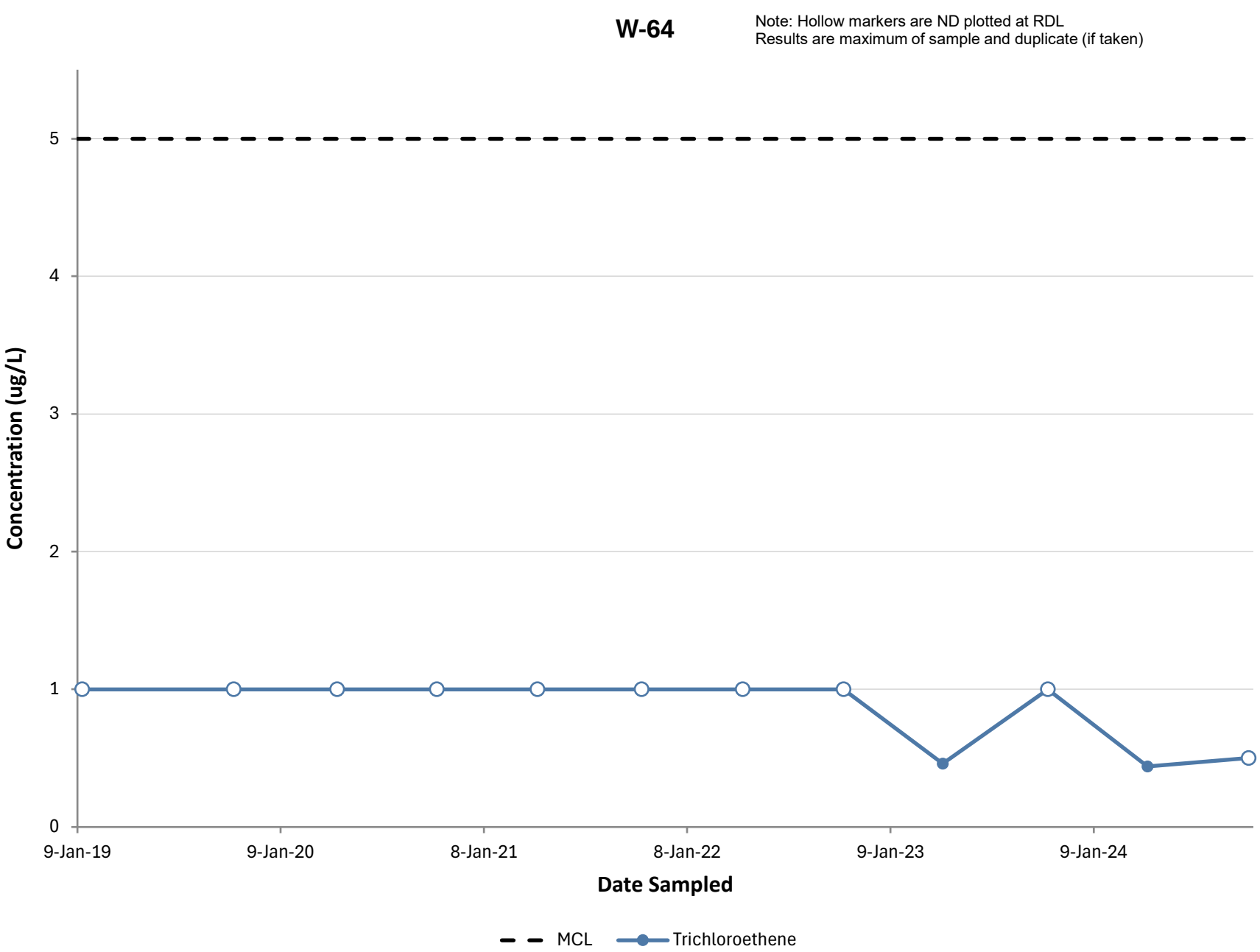

W-59
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

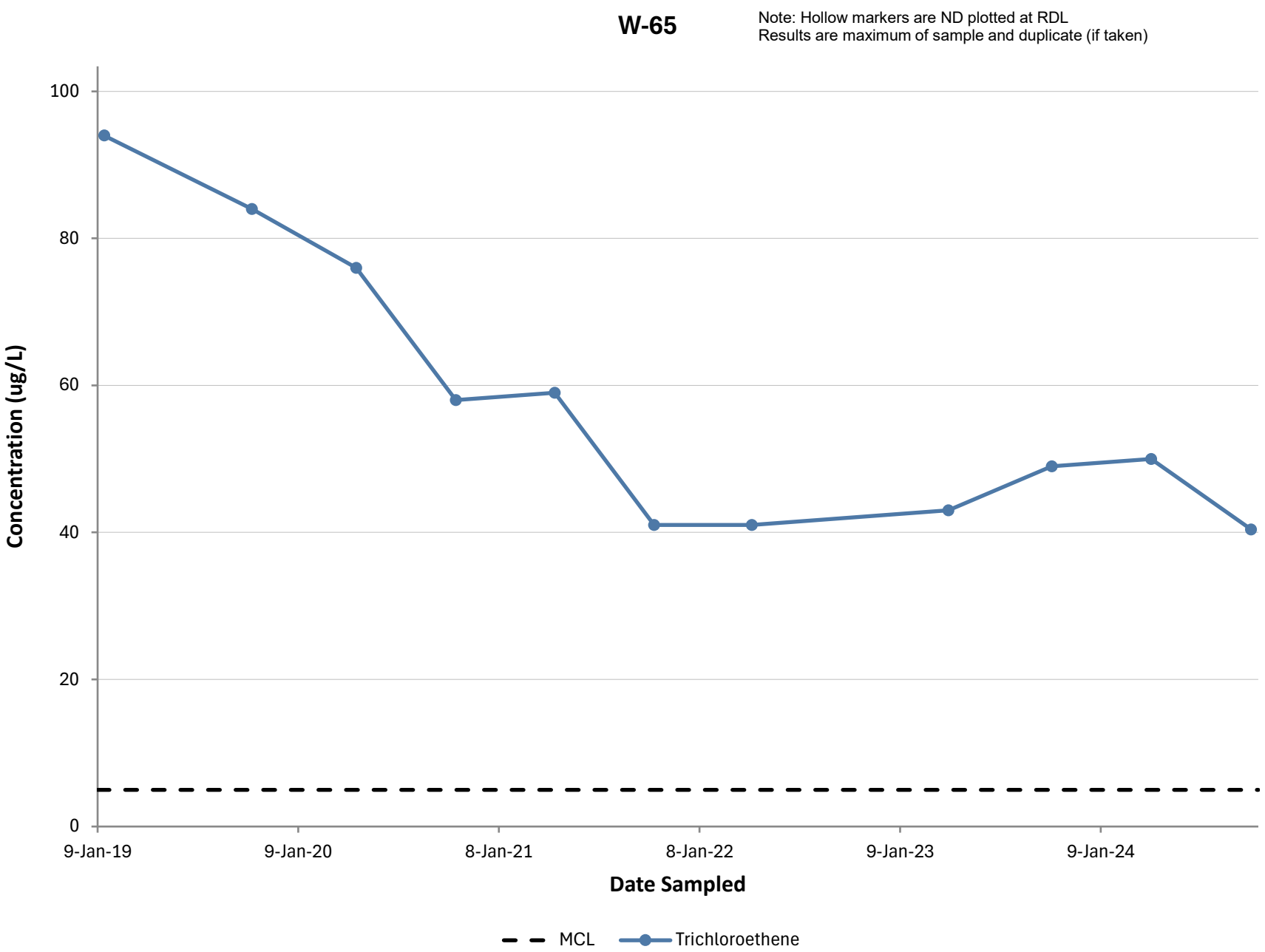

W-60
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

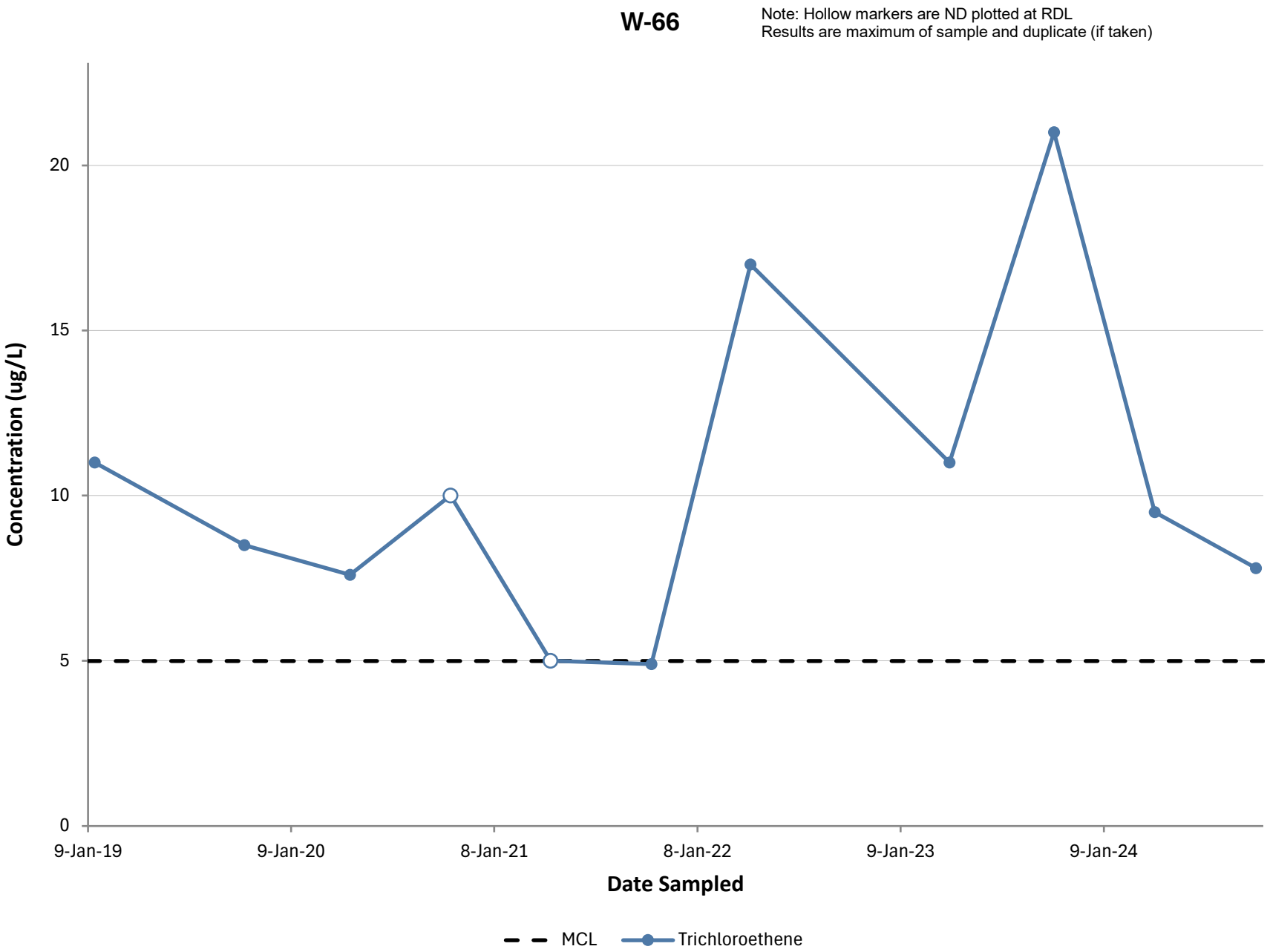

W-61
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

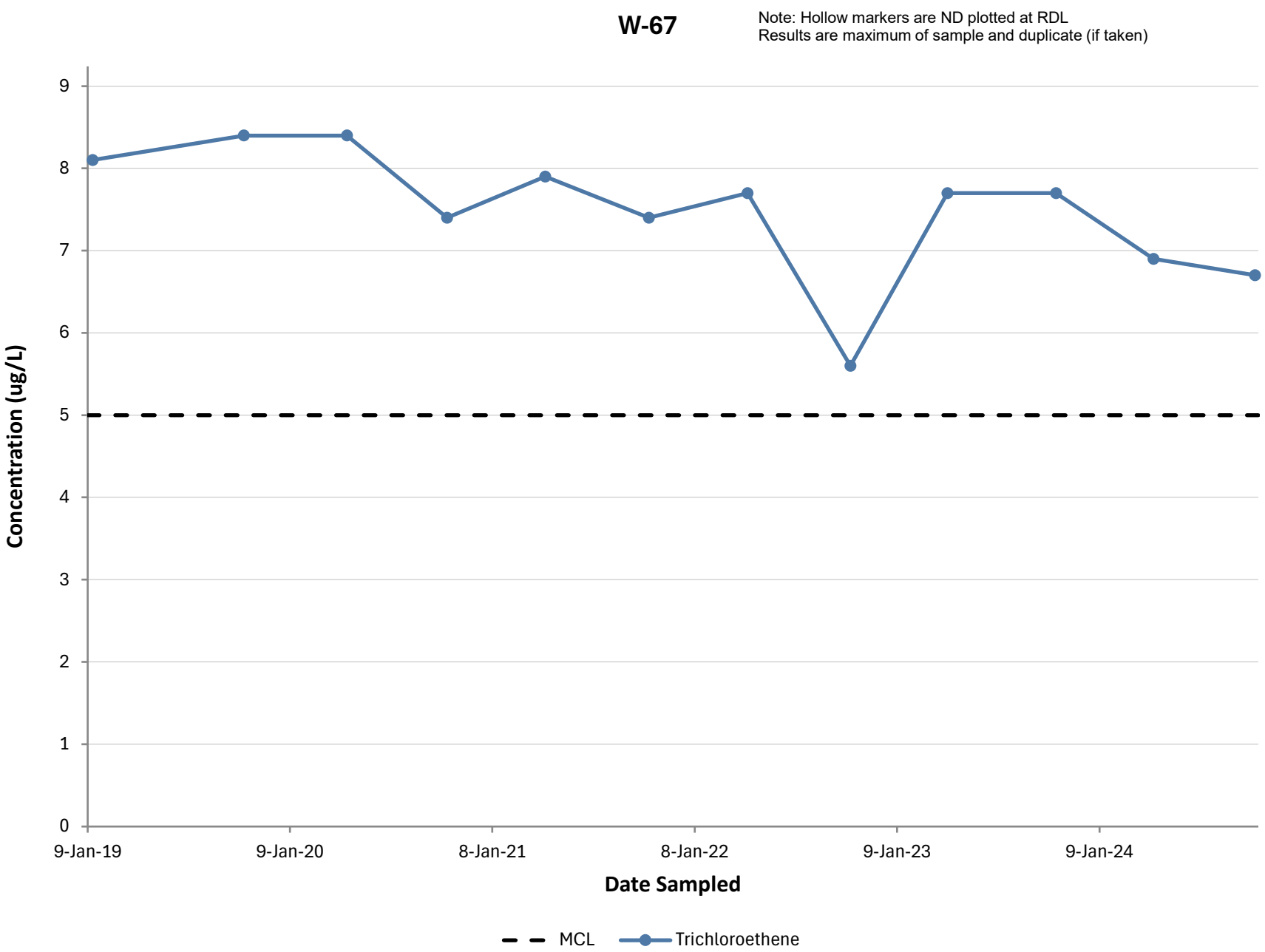

W-62
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

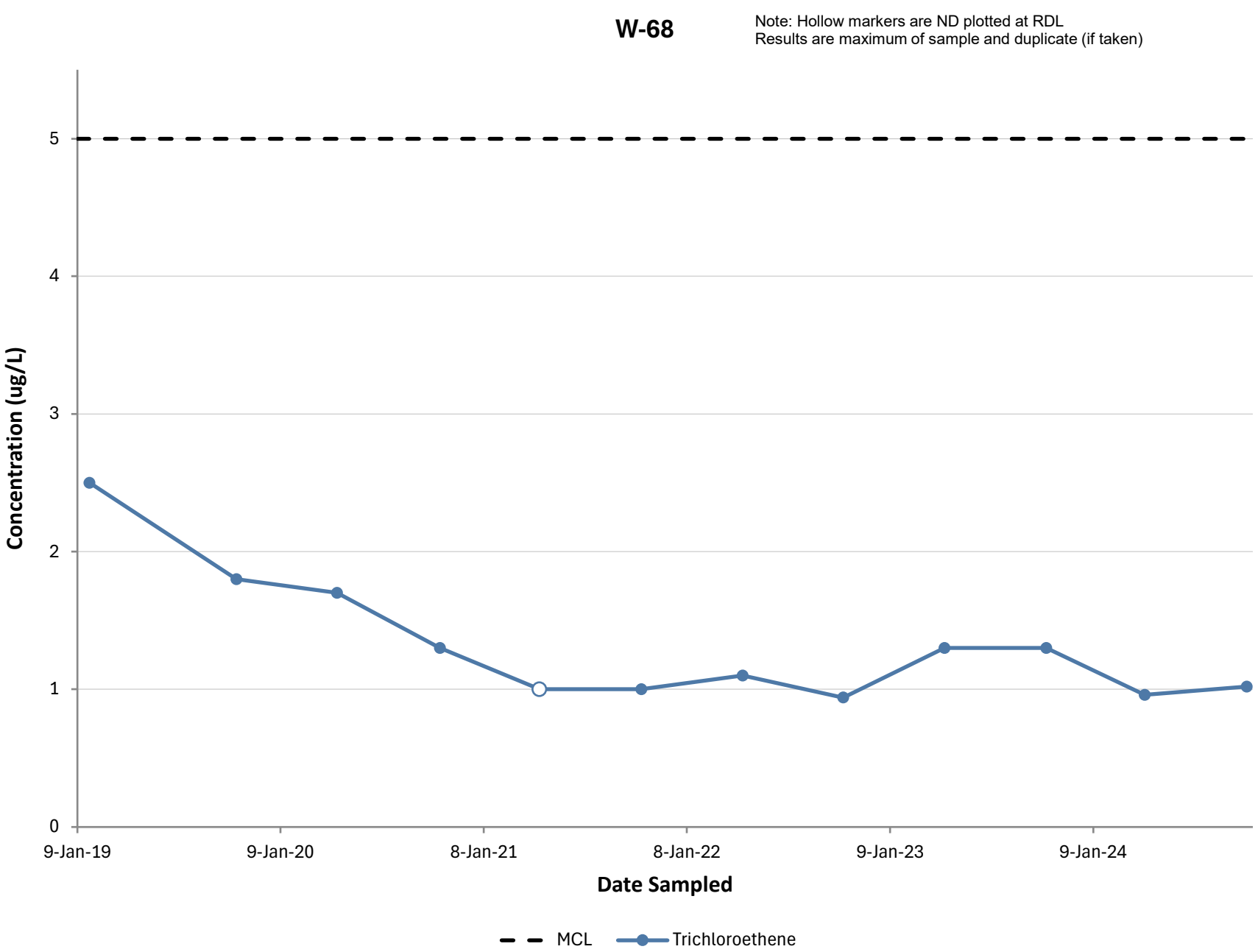

W-63
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

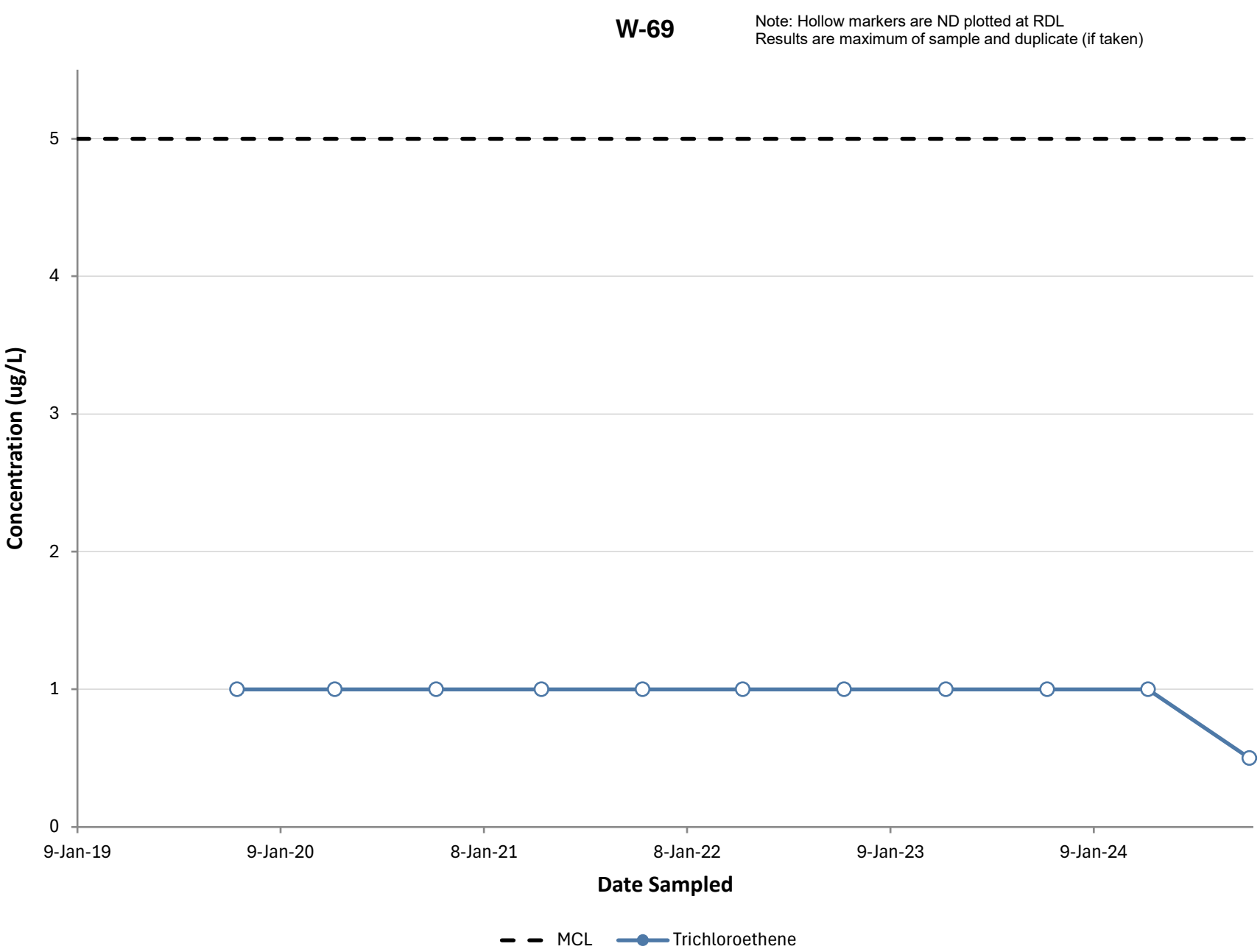

W-64
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

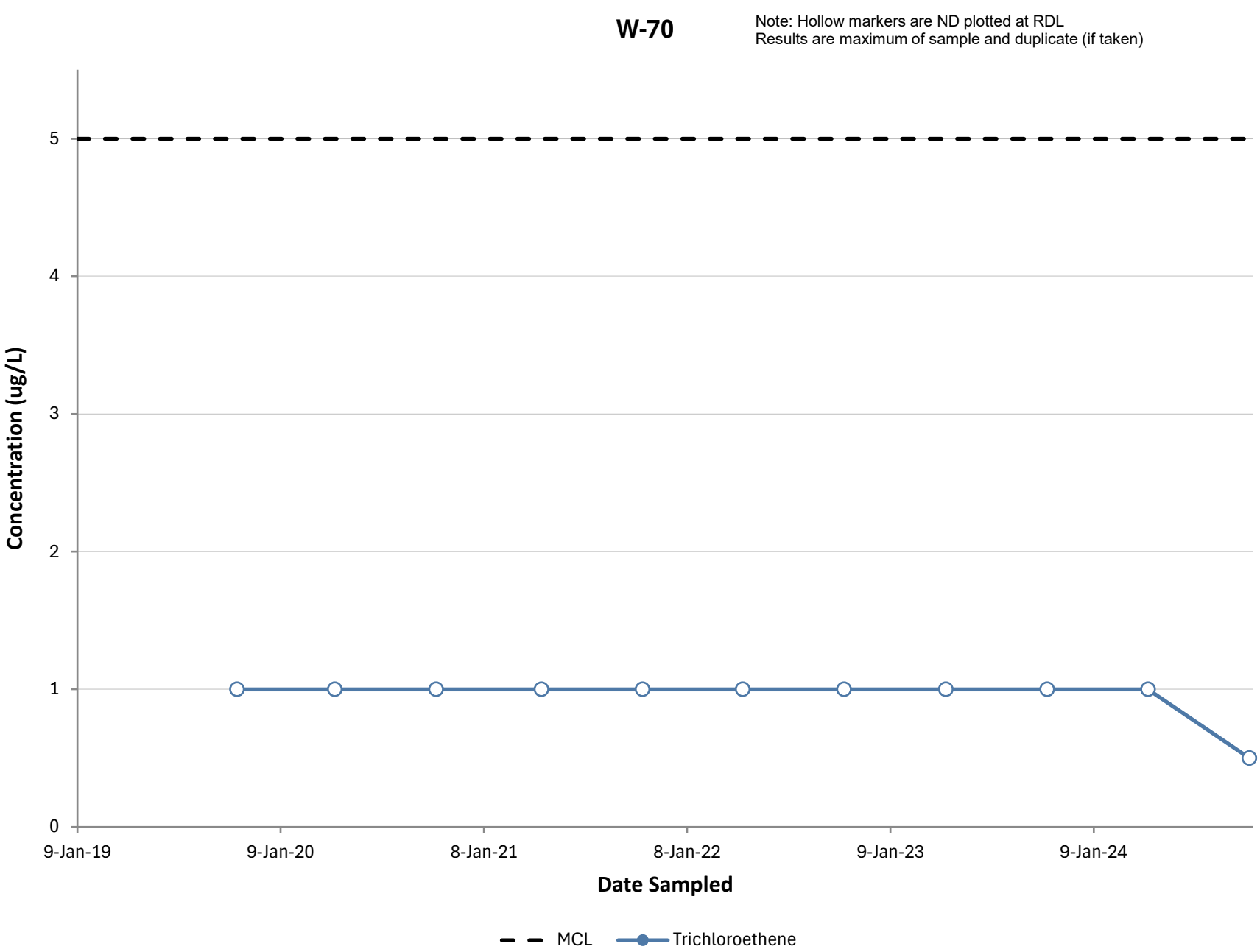

W-65
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
100
80
60
40
20
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

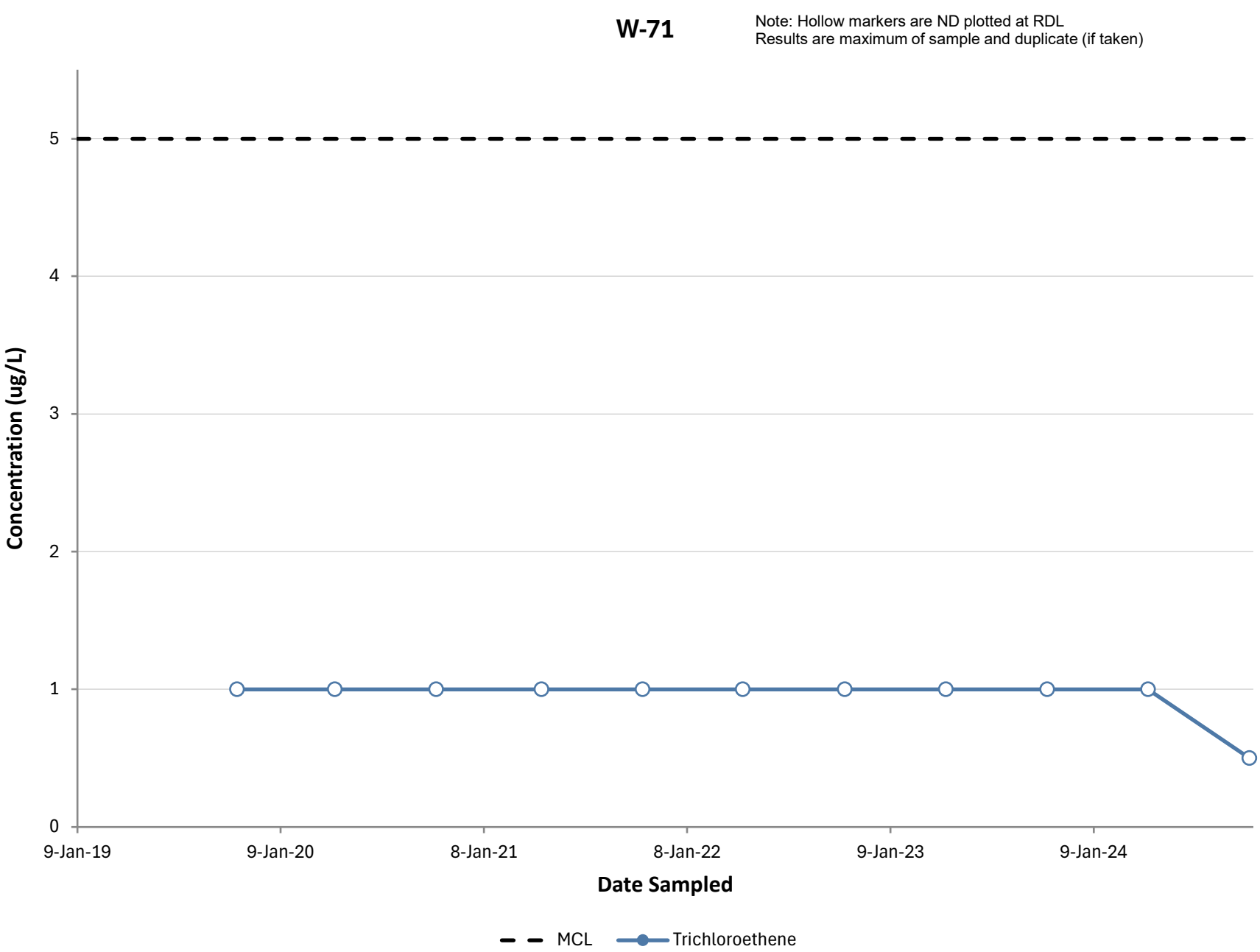

W-66
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

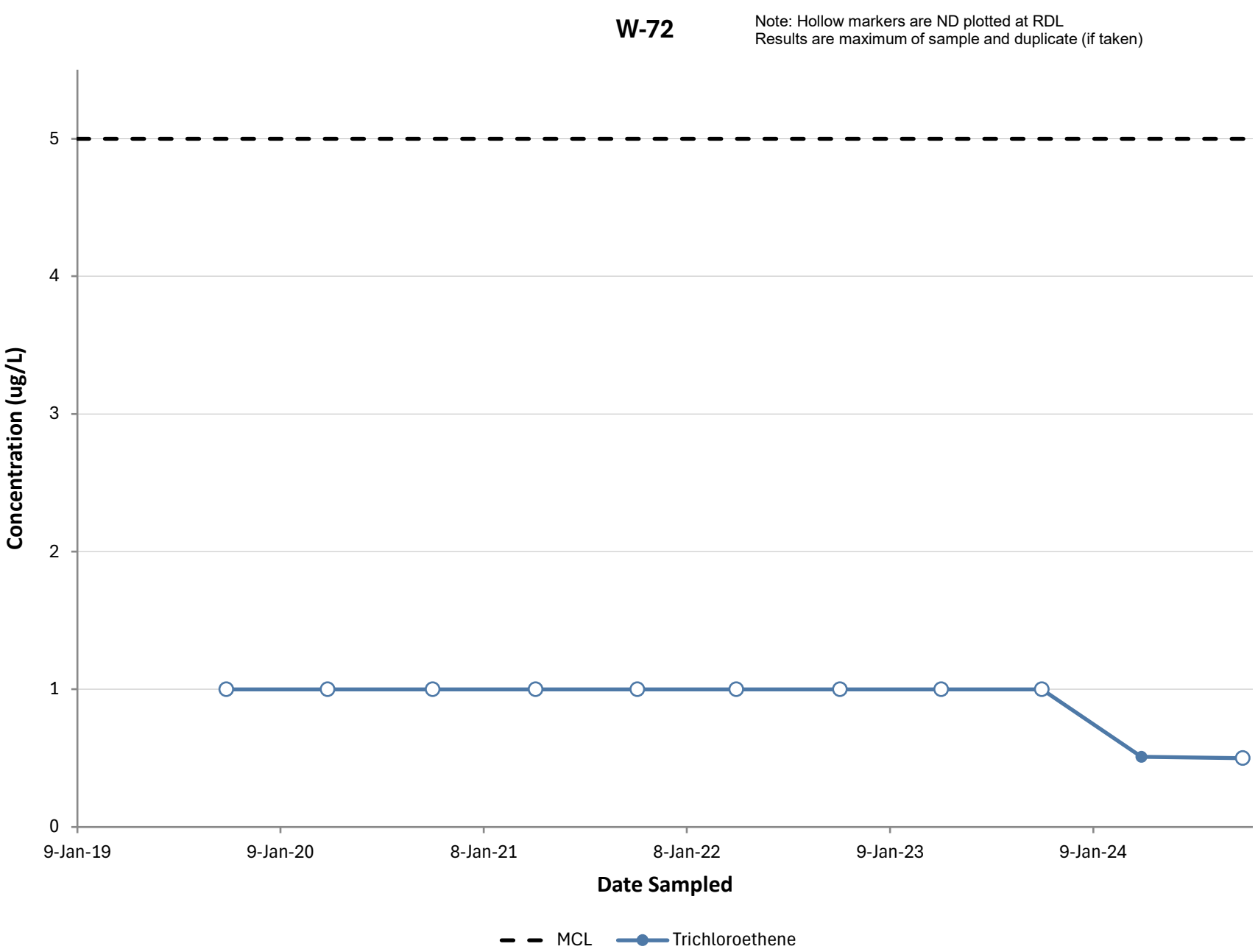

W-67
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
6
7
8
9
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

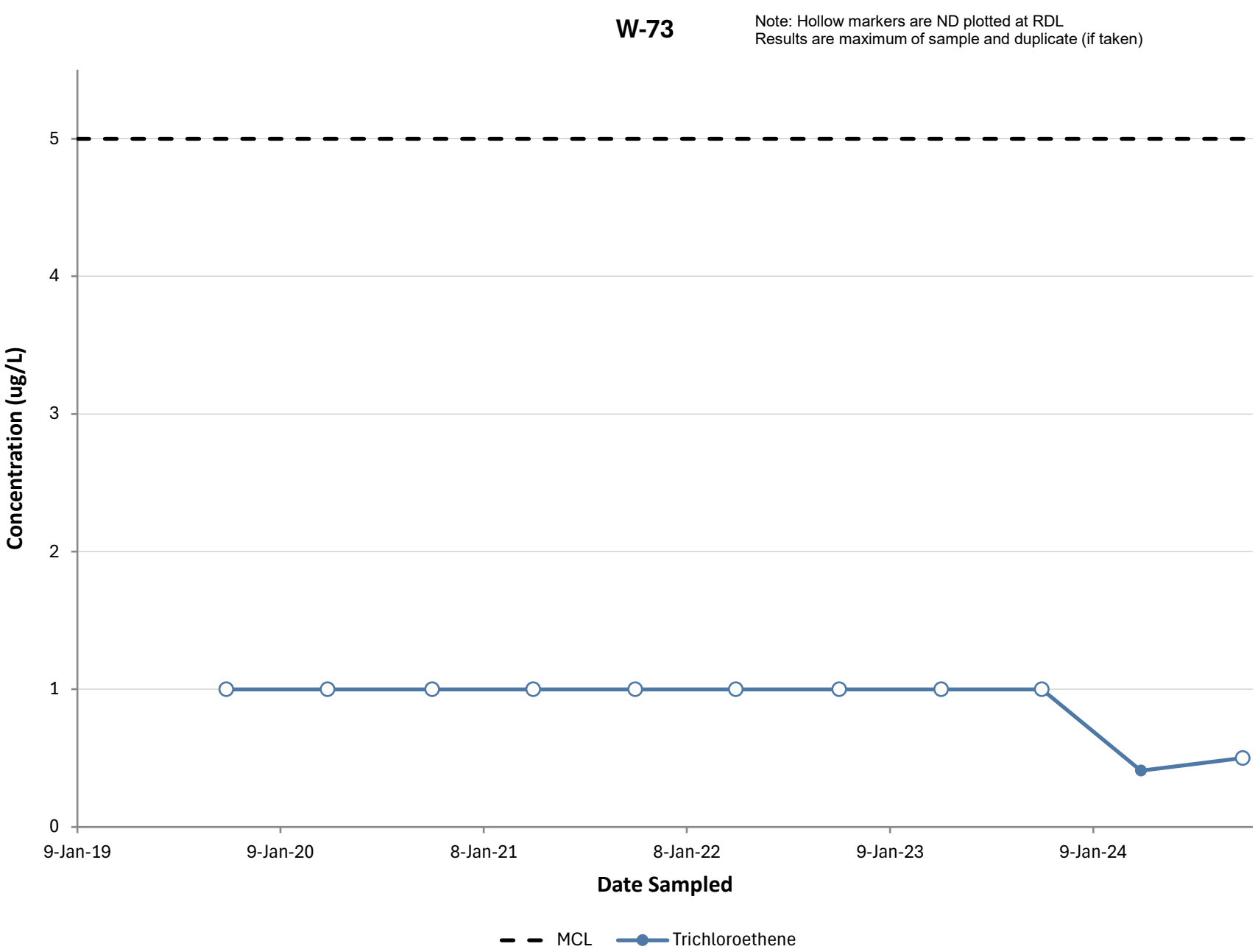

W-68
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

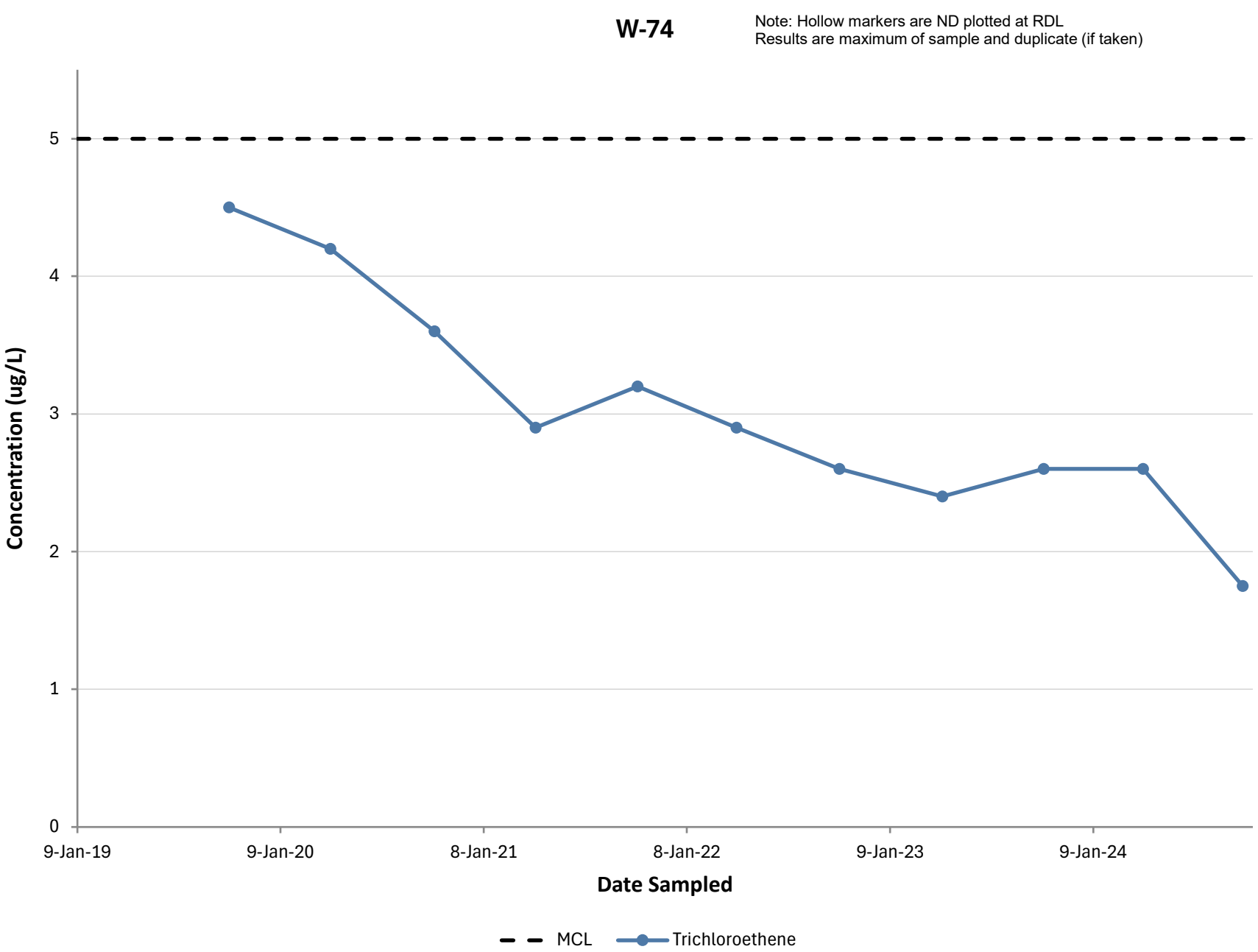

W-69
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

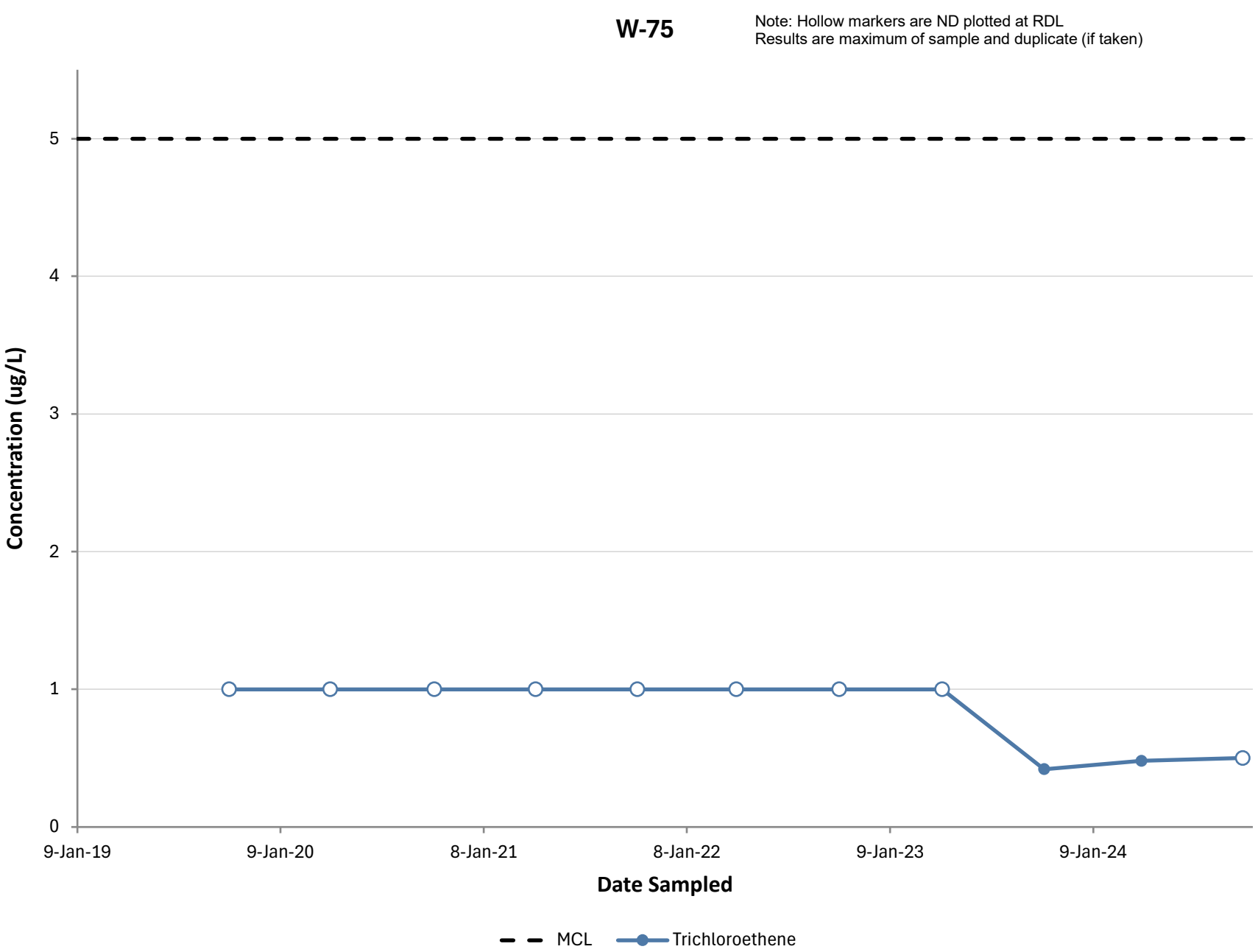

W-70
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

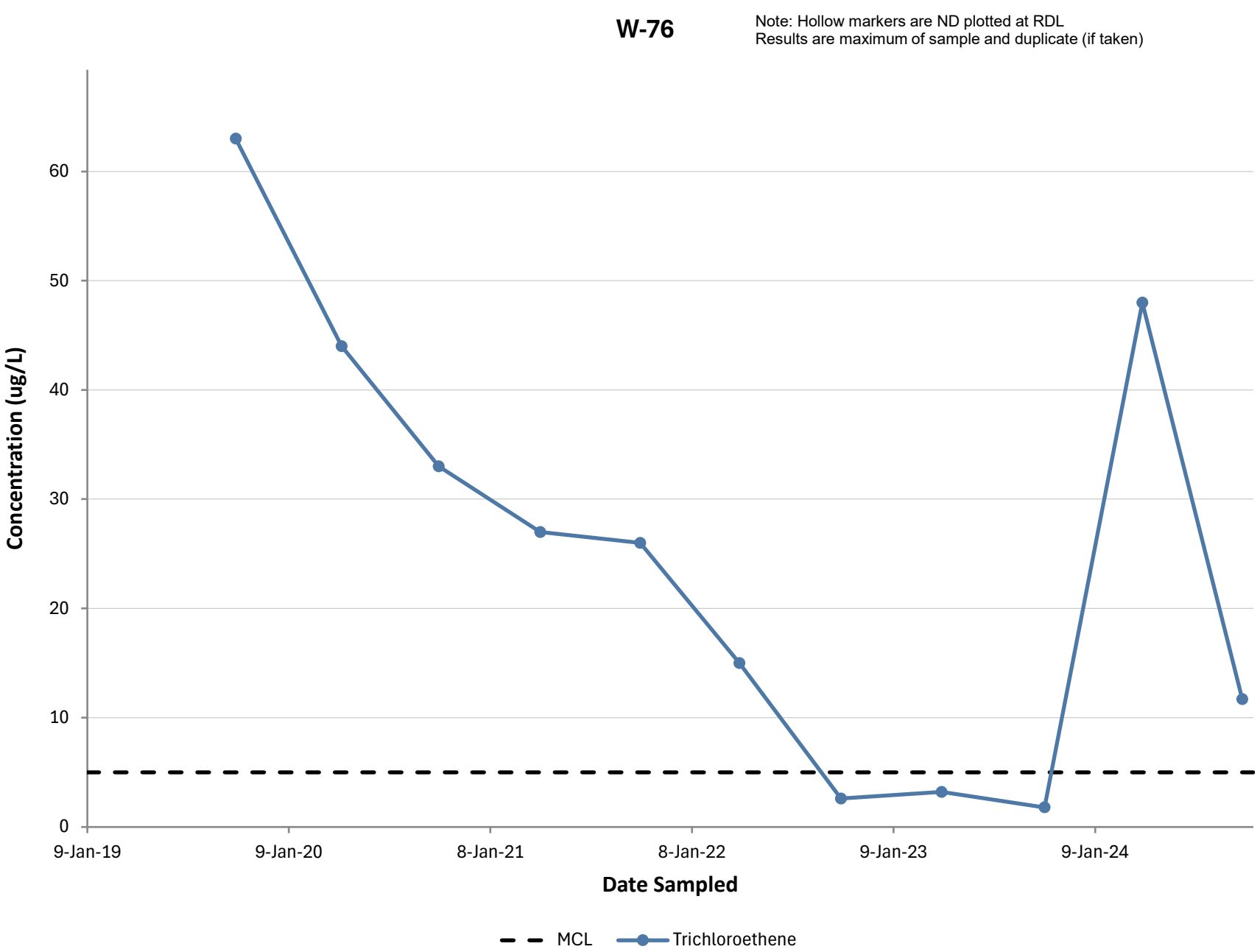

W-71
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

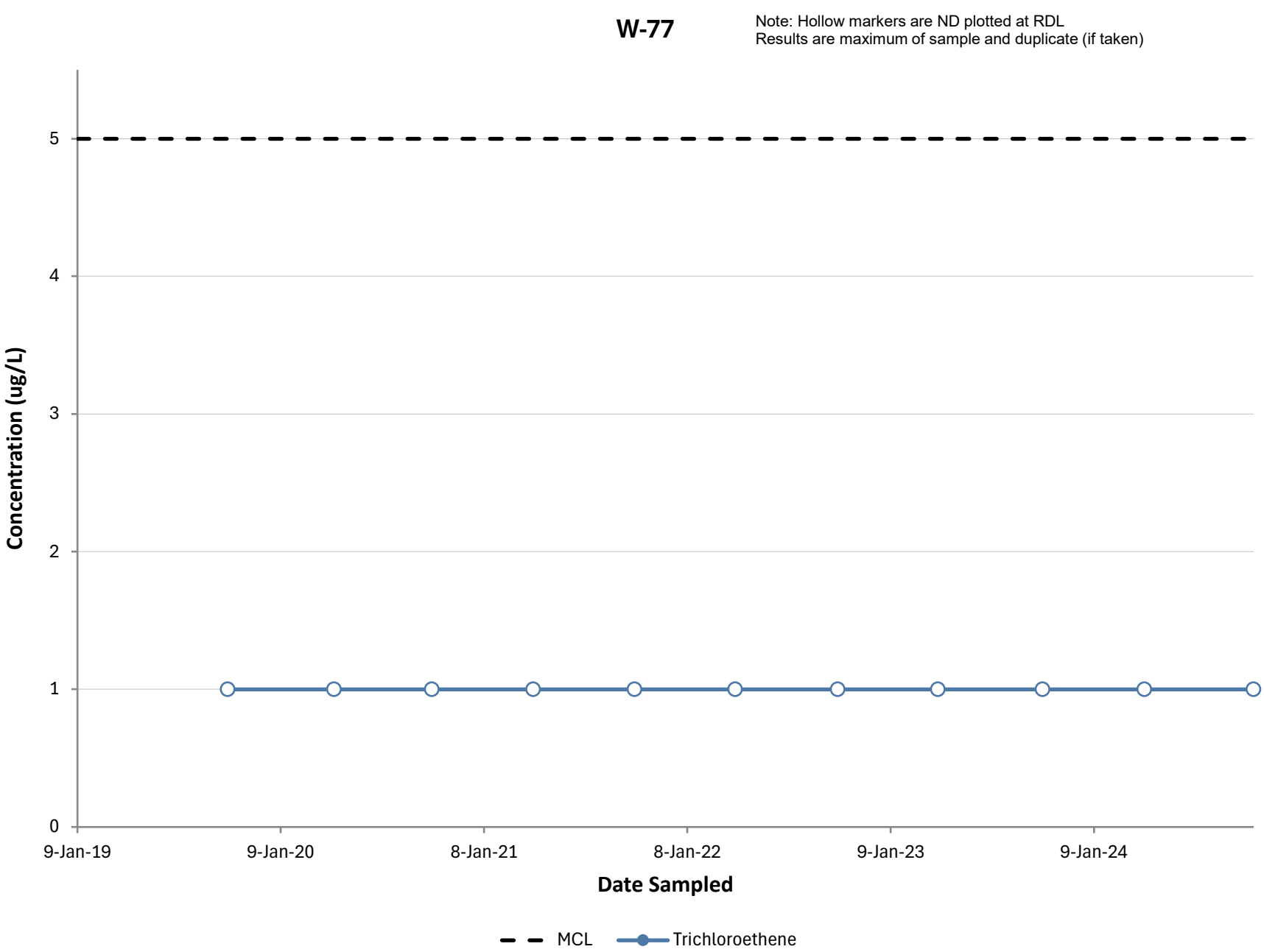

W-72
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

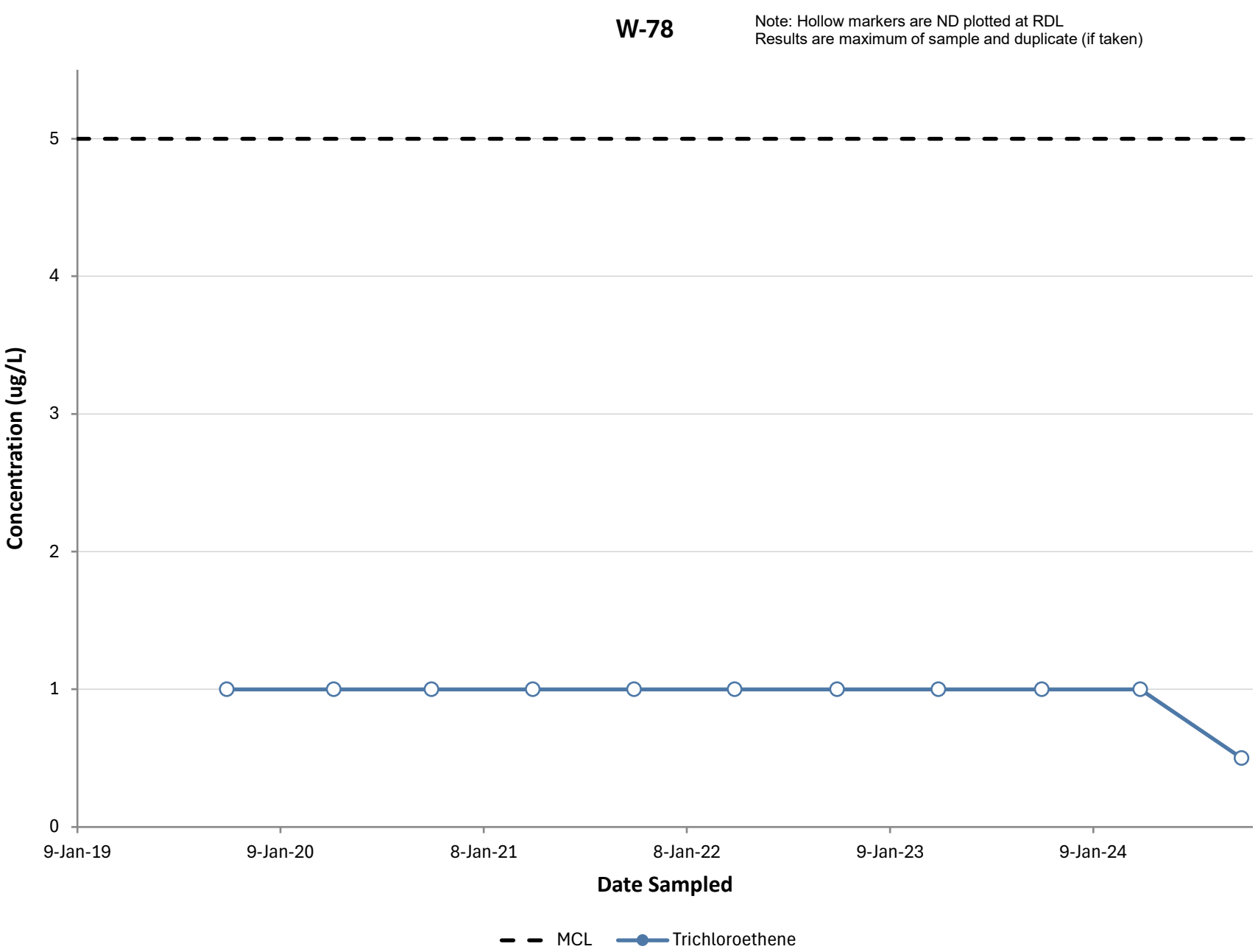

W-73
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

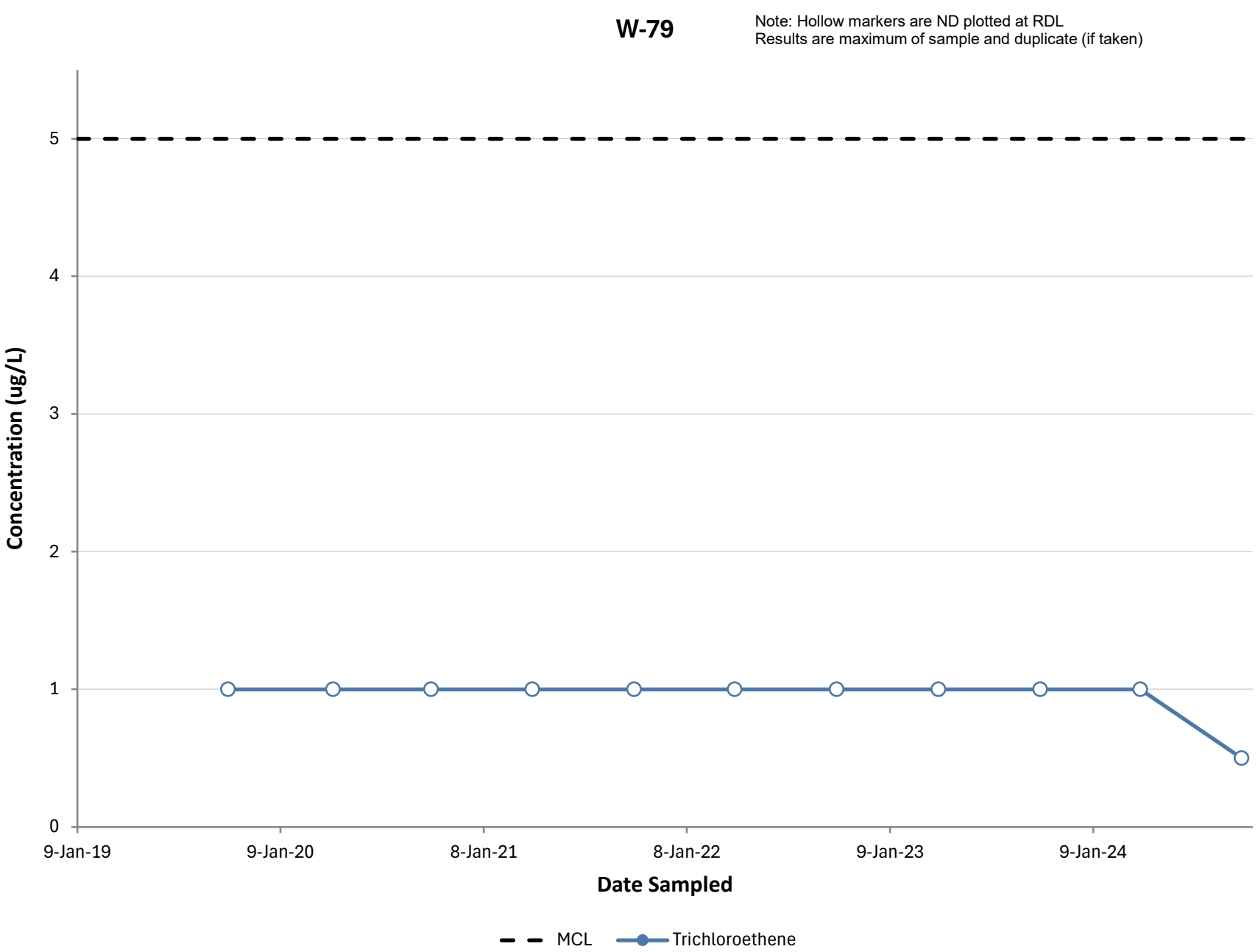

W-74
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

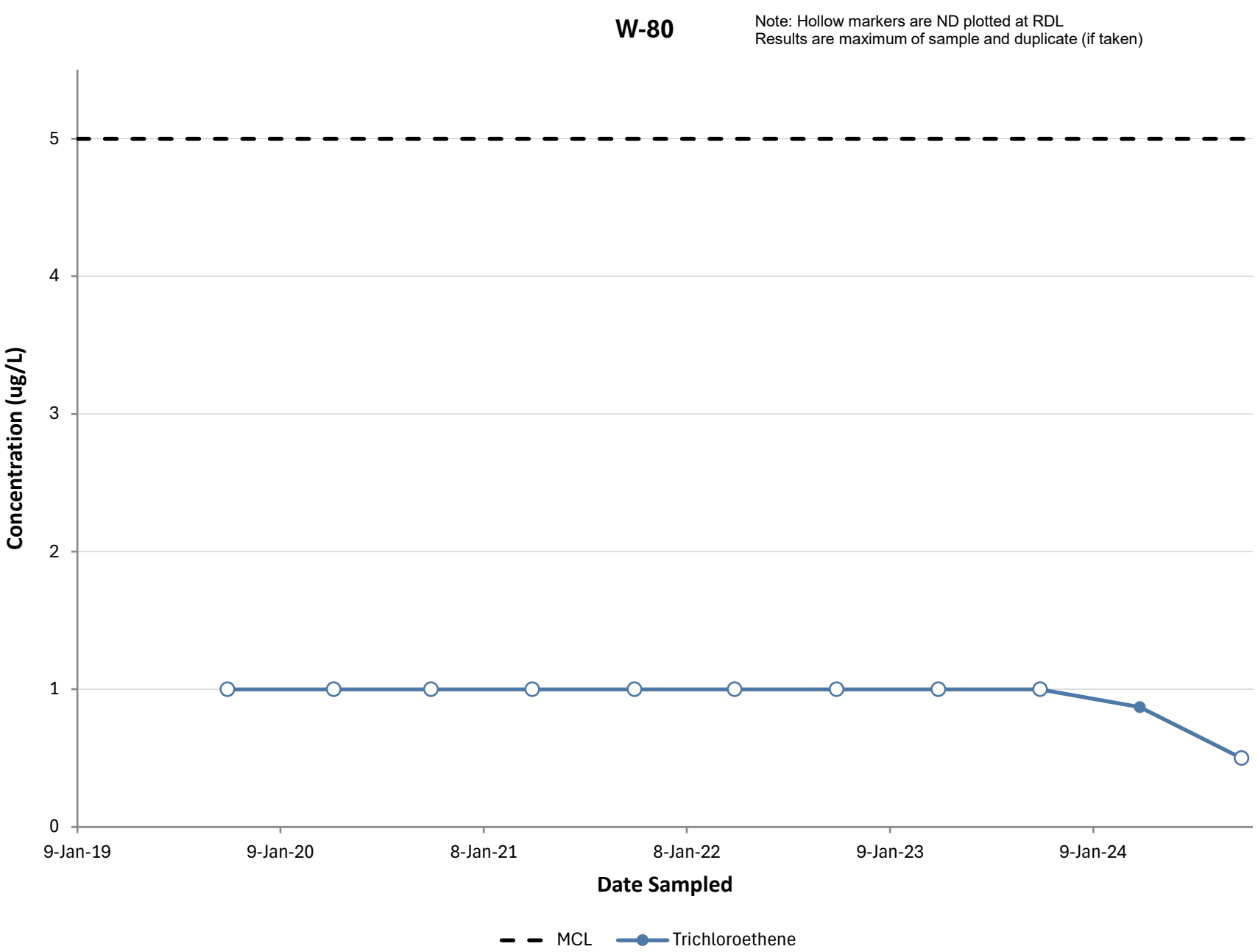

W-75
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

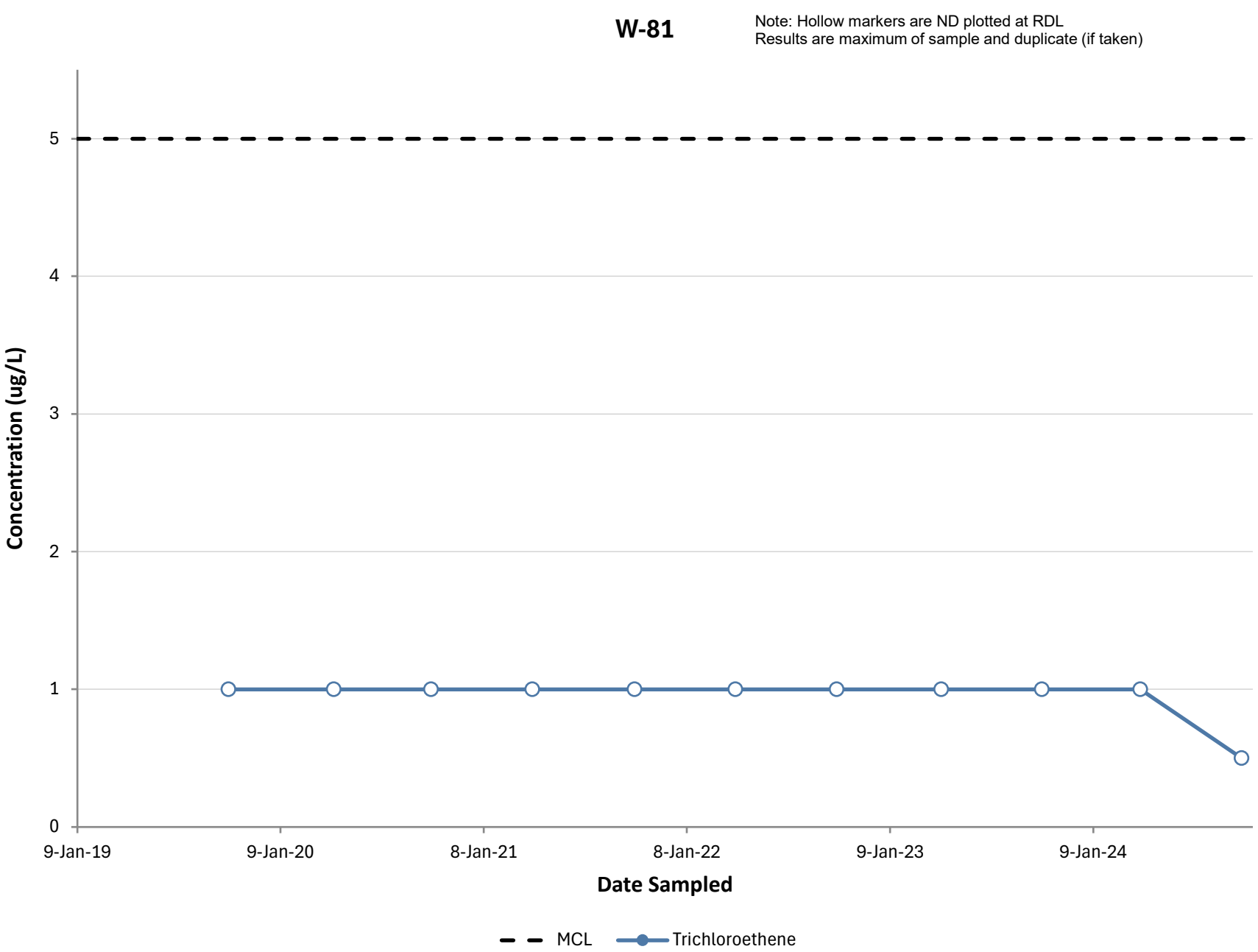

W-76
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
60
50
40
30
20
10
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

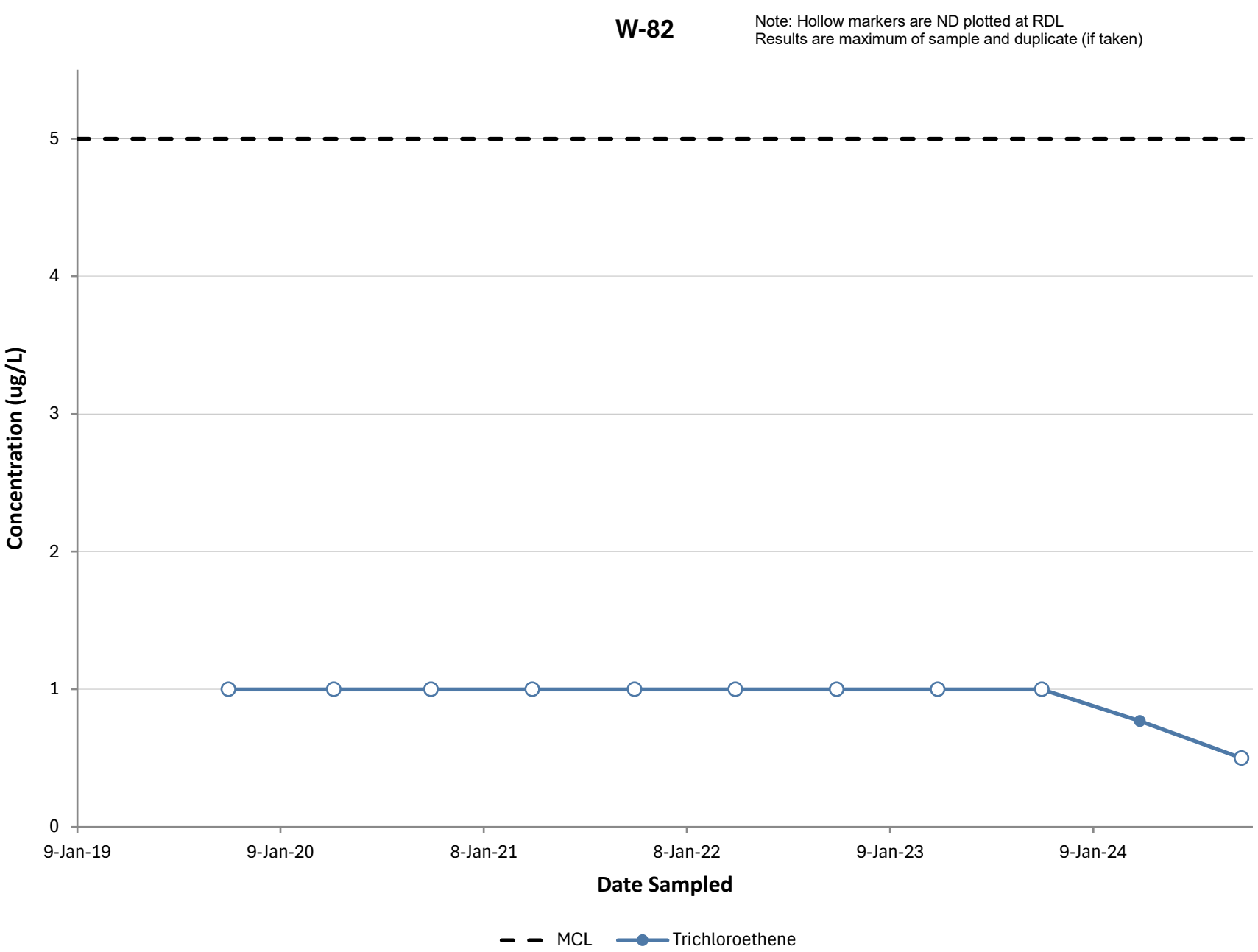

W-77
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

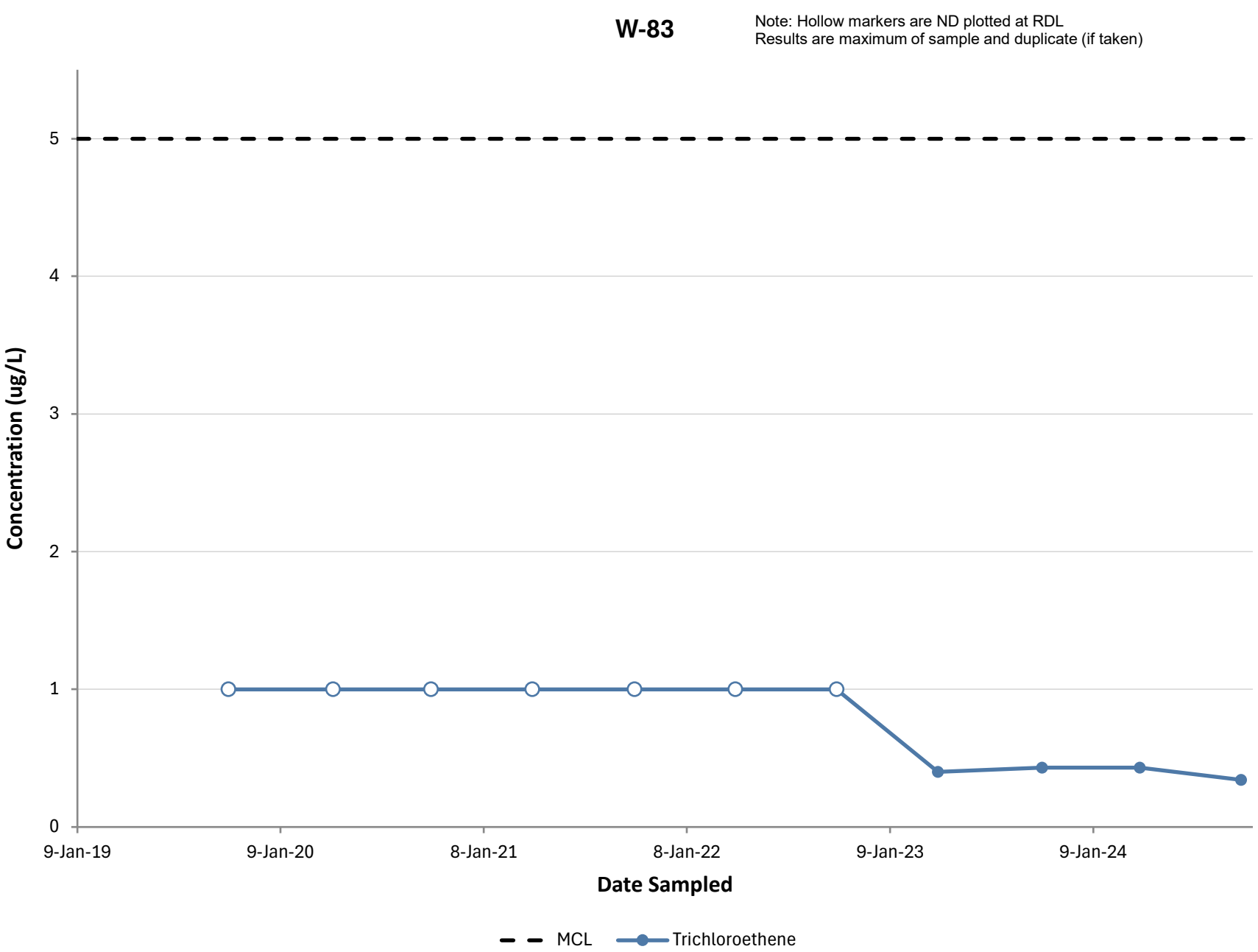

W-78
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

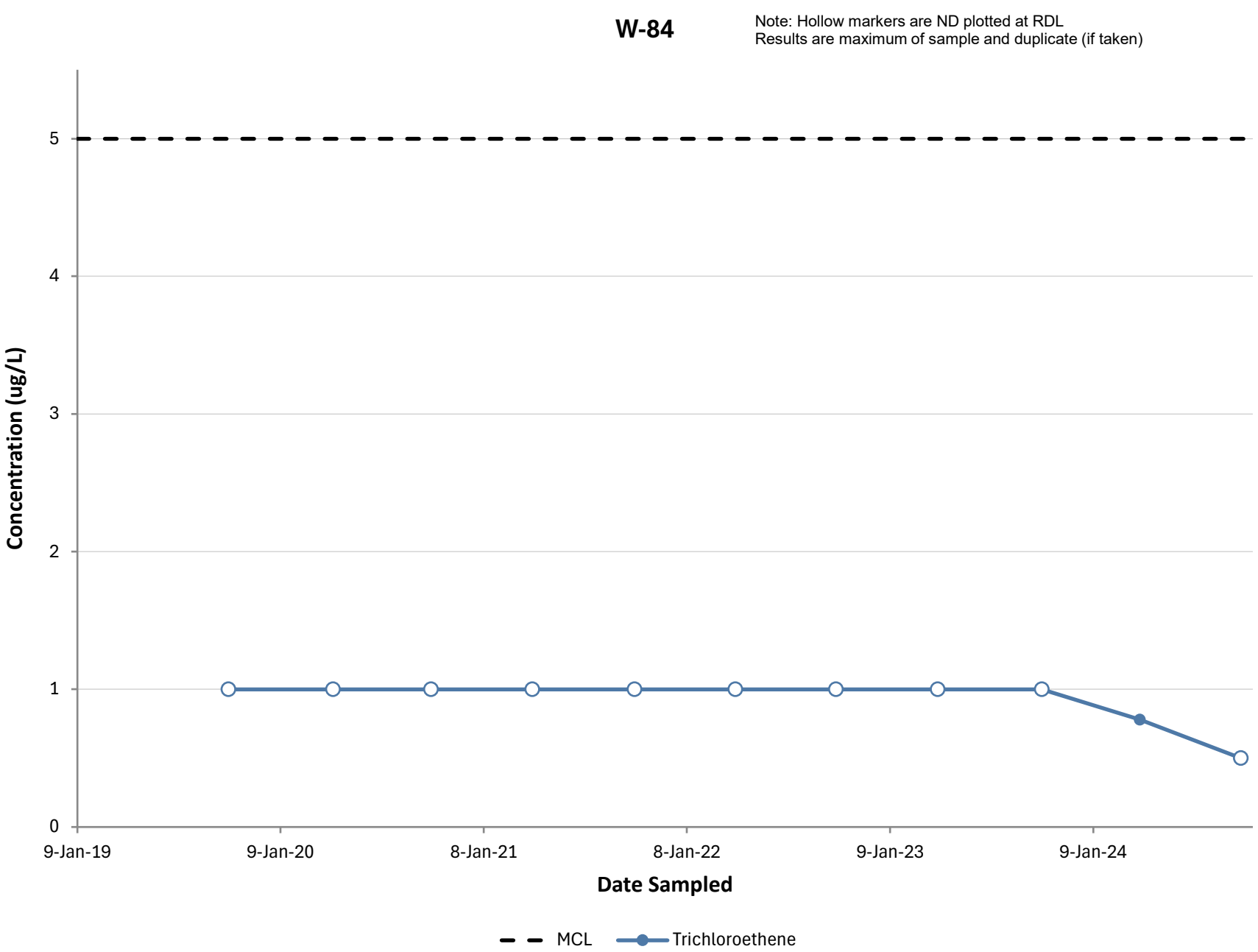

W-79
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

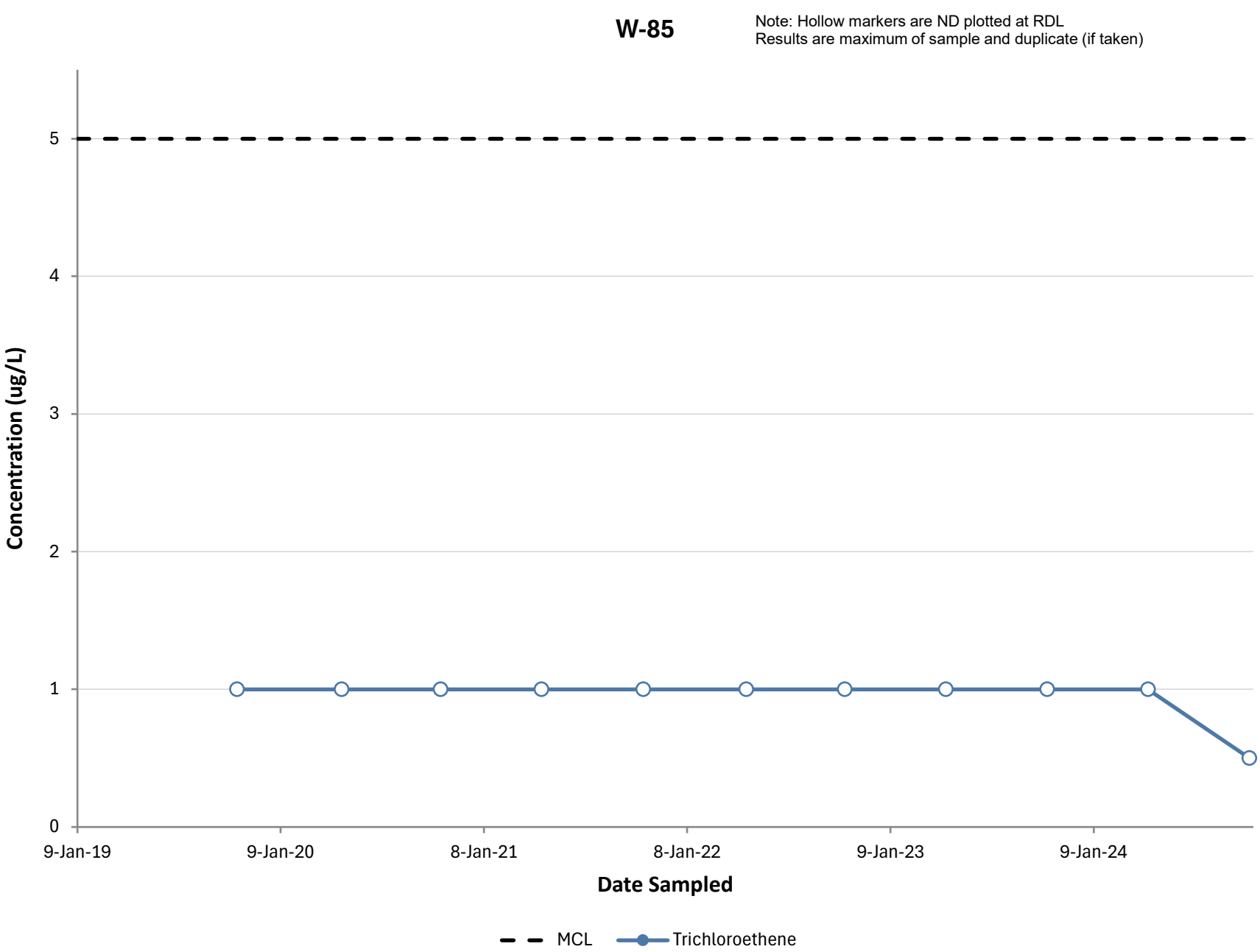

W-80
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

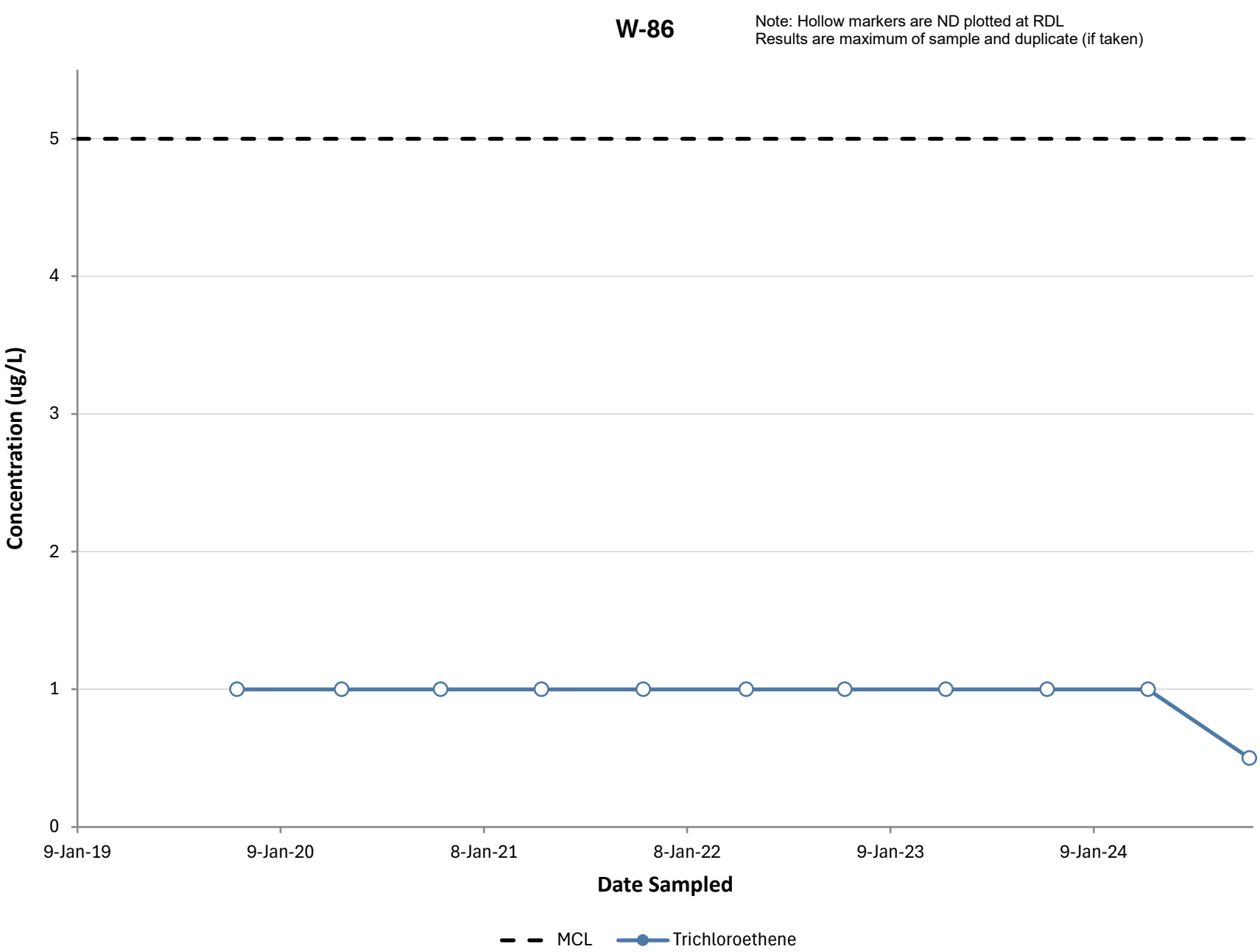

W-81
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

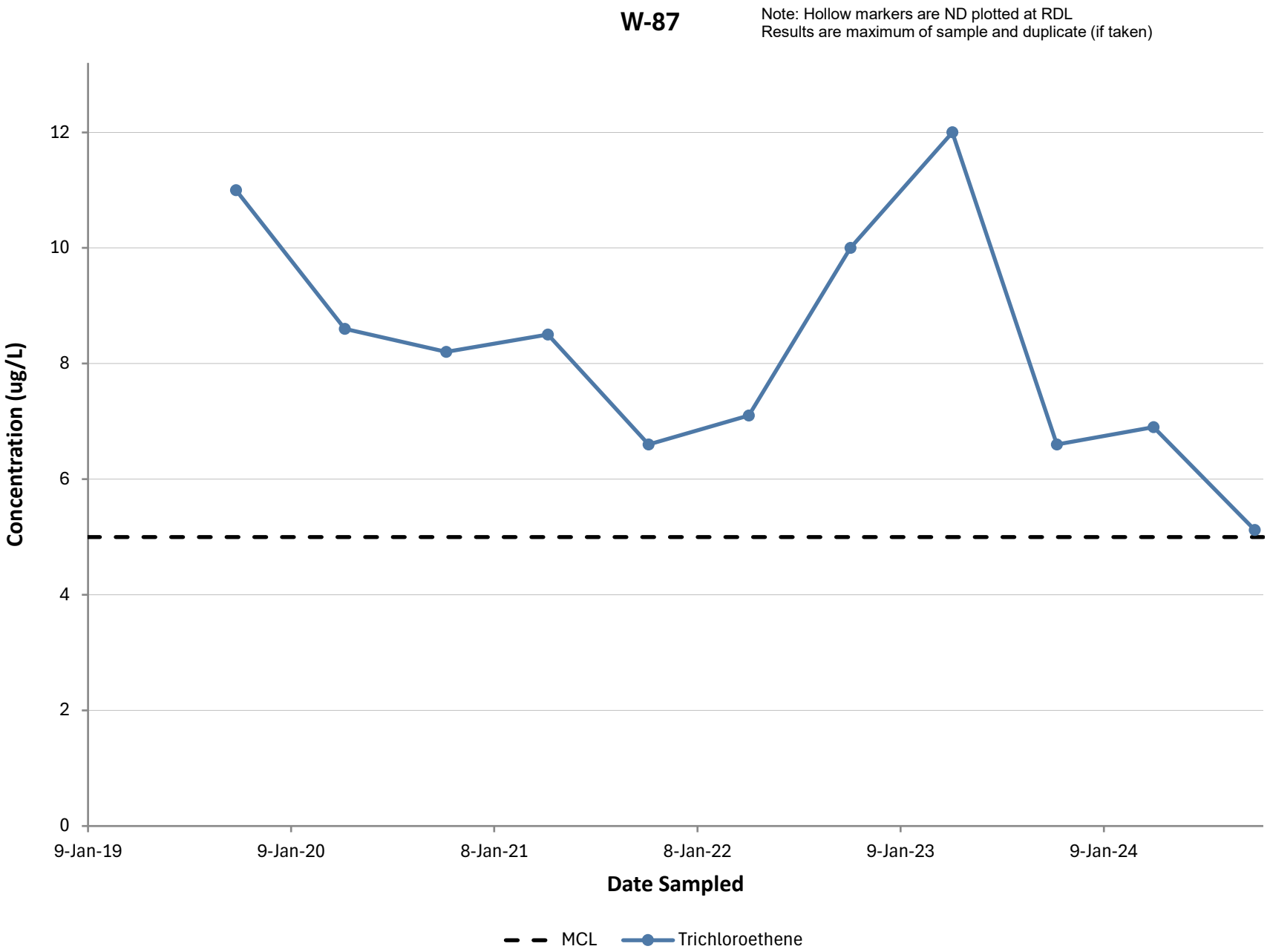

W-82
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

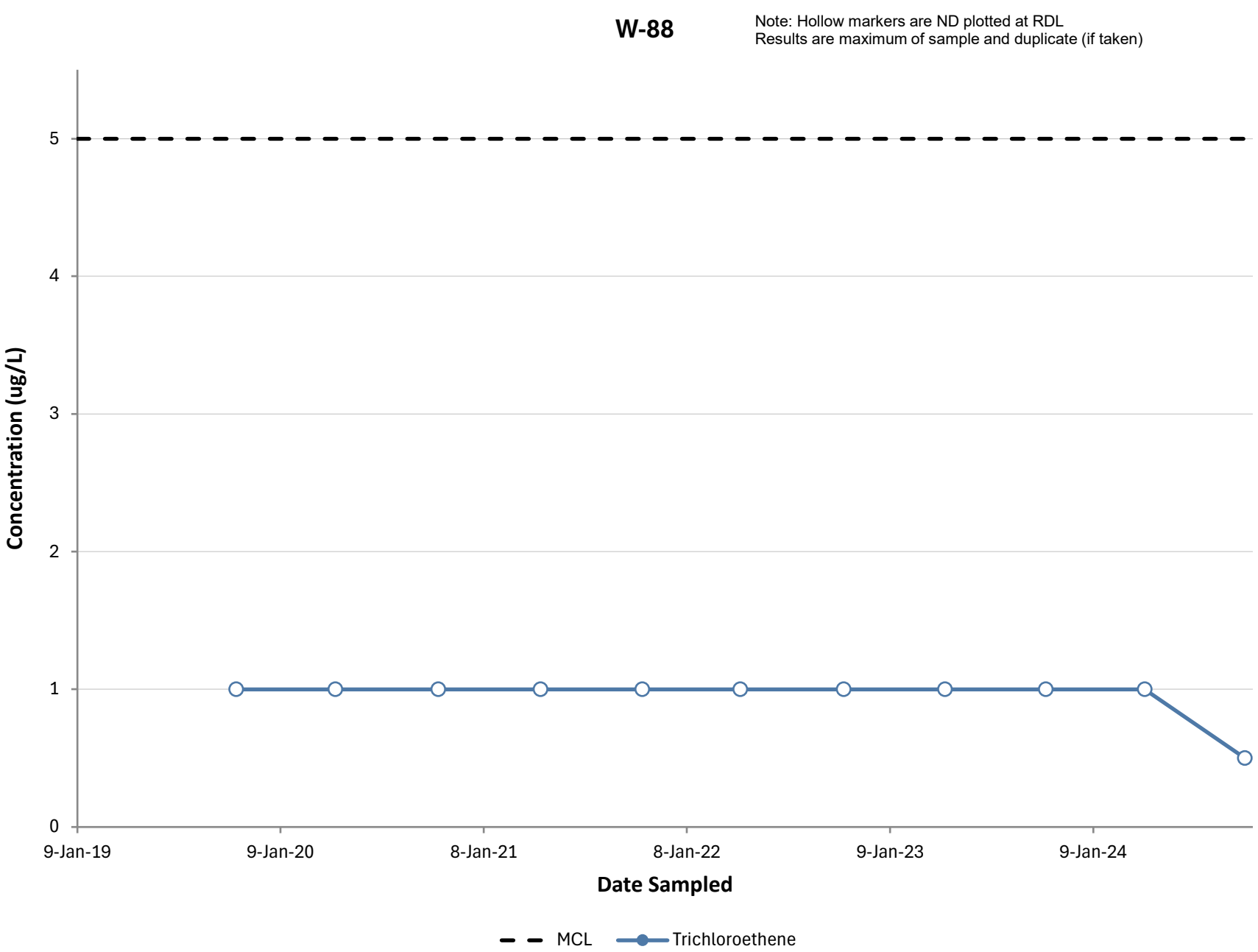

W-83
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

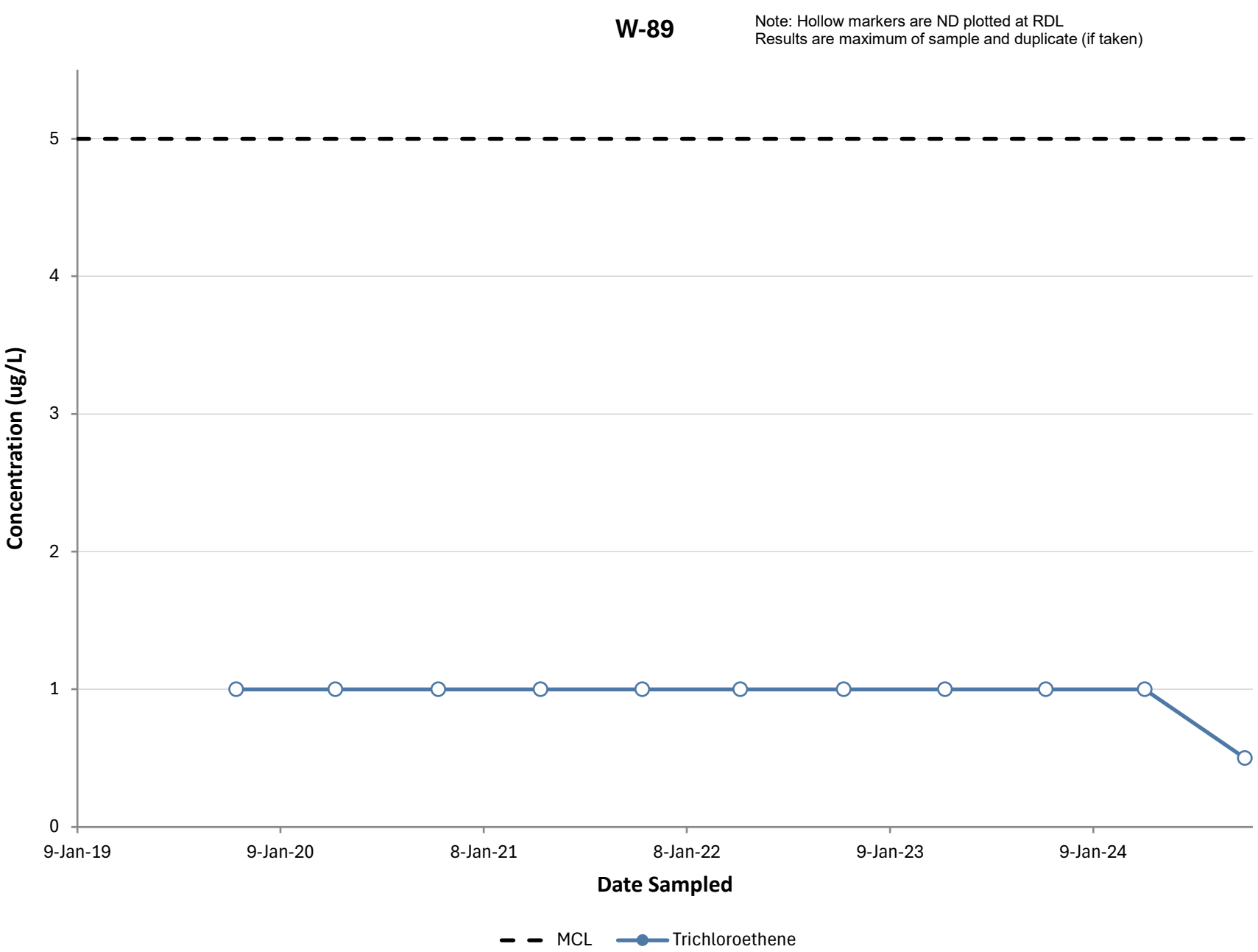

W-84
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

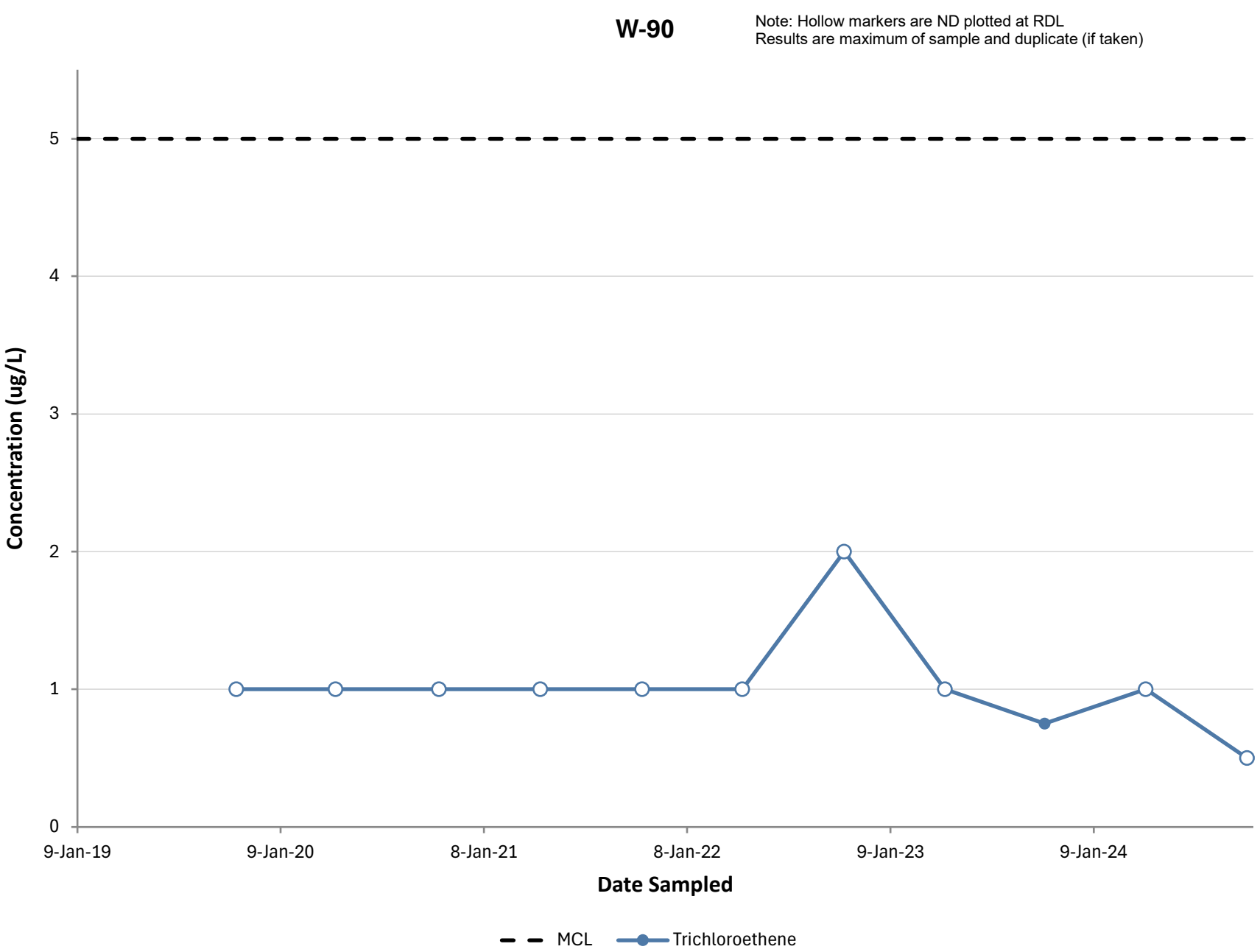

W-85
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

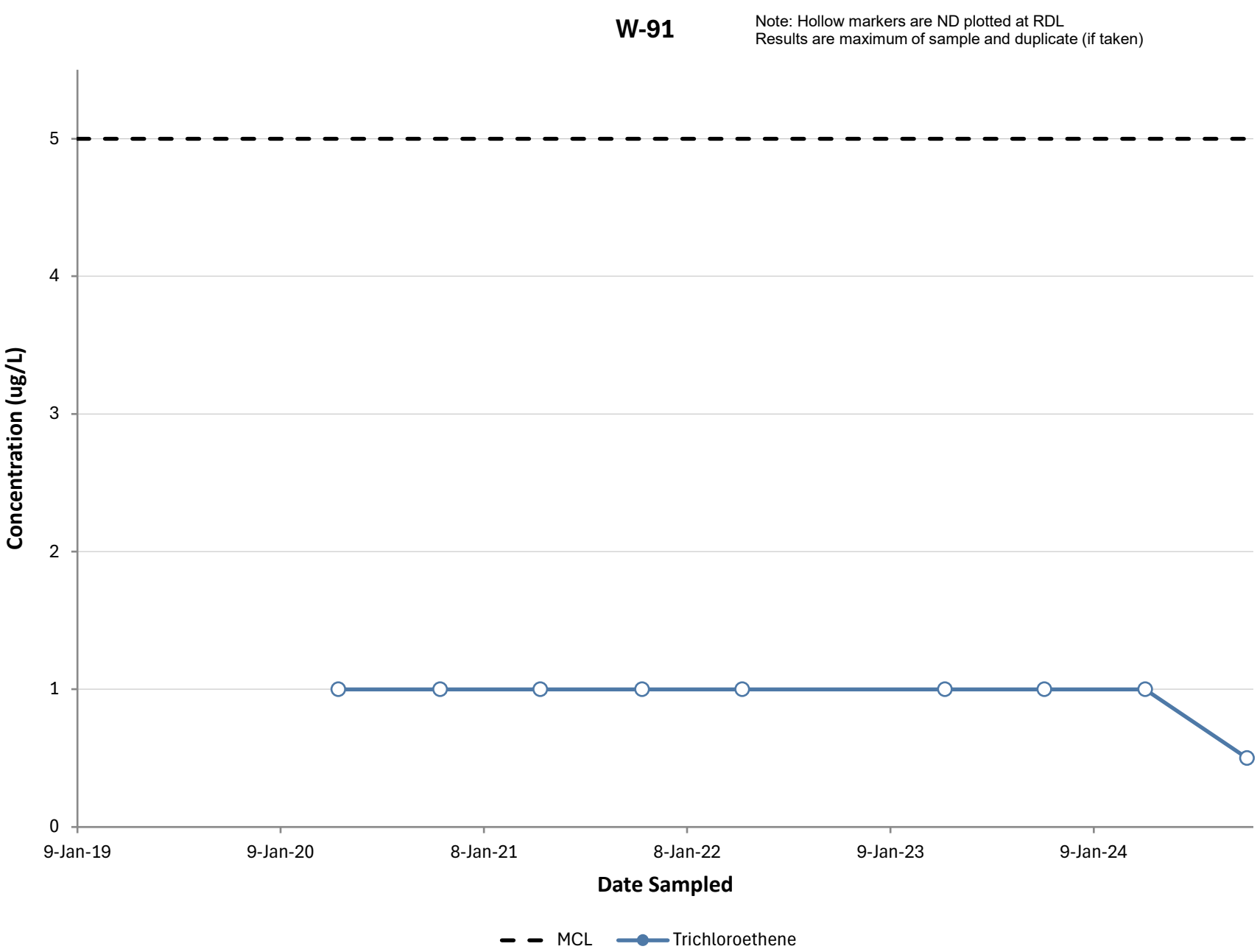

W-86
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

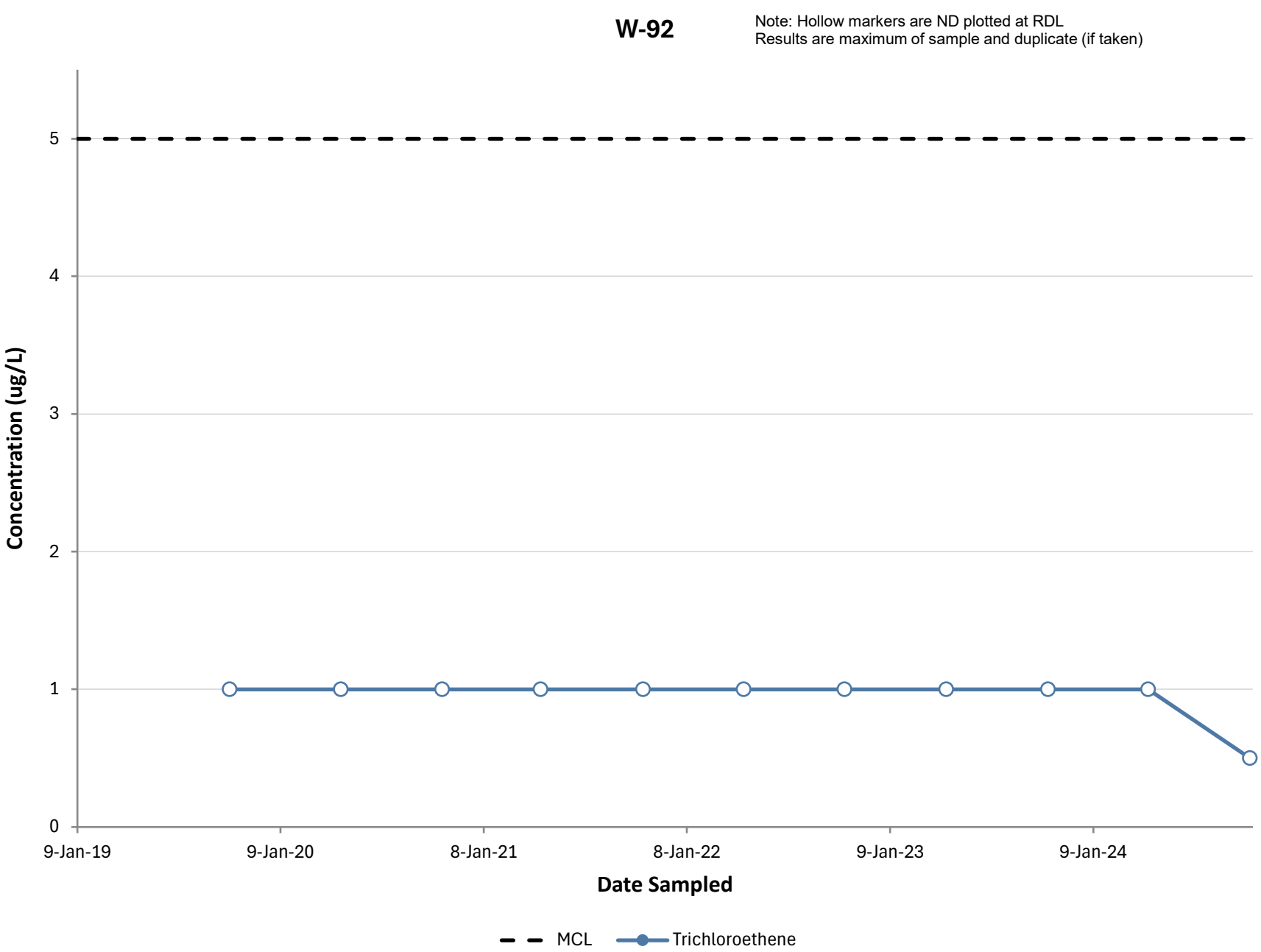

W-87
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
2
4
6
8
10
12
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

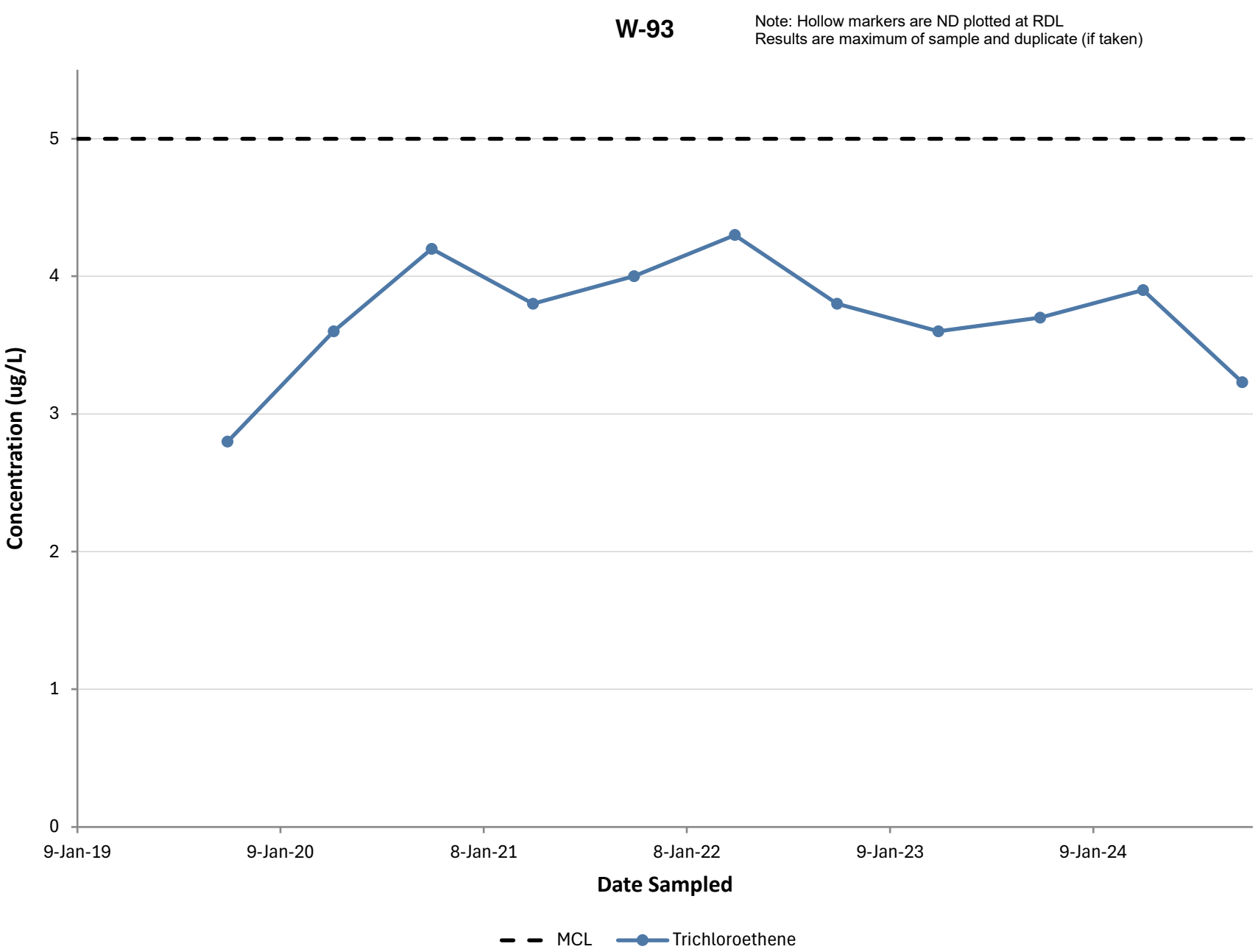

W-88
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

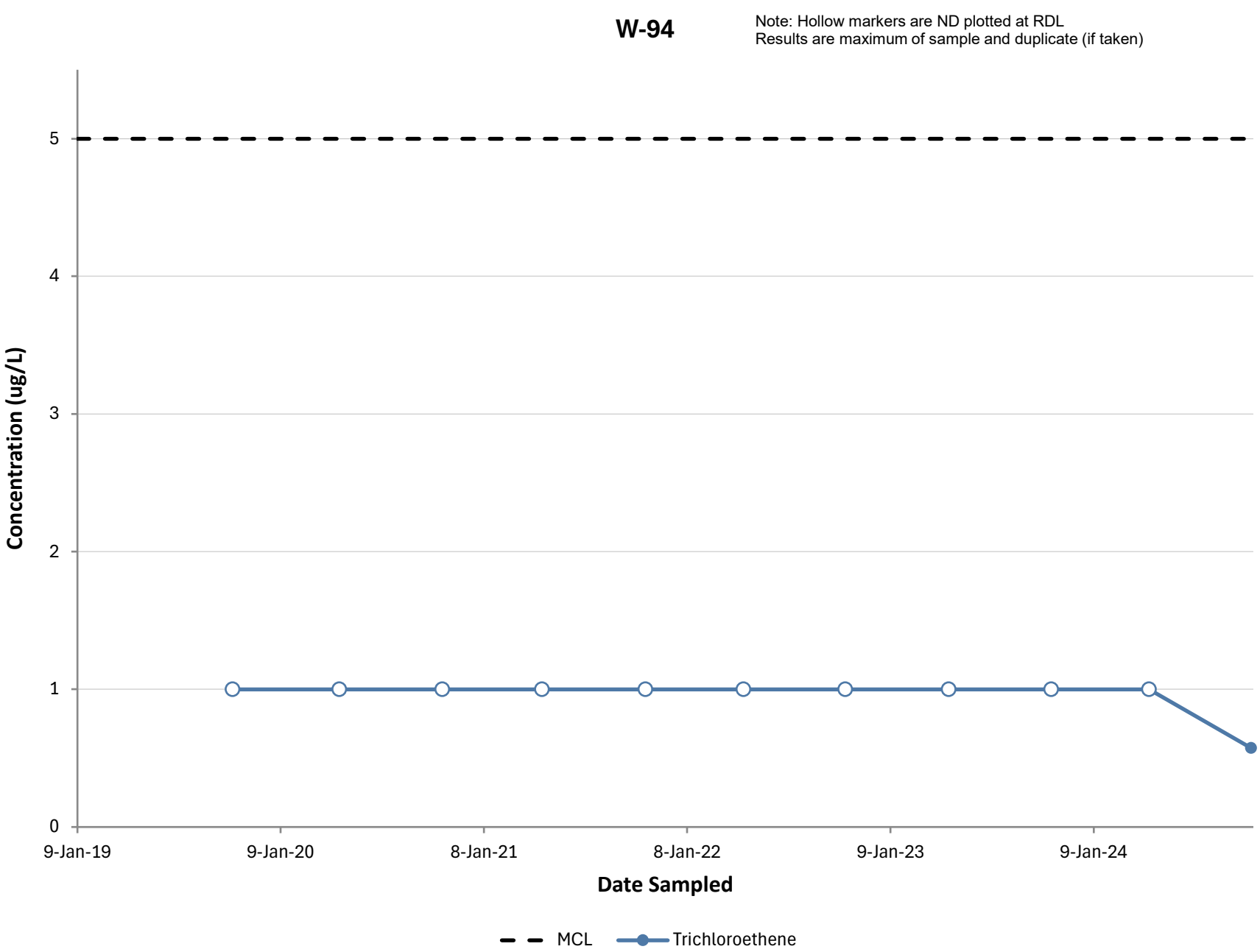

W-89
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

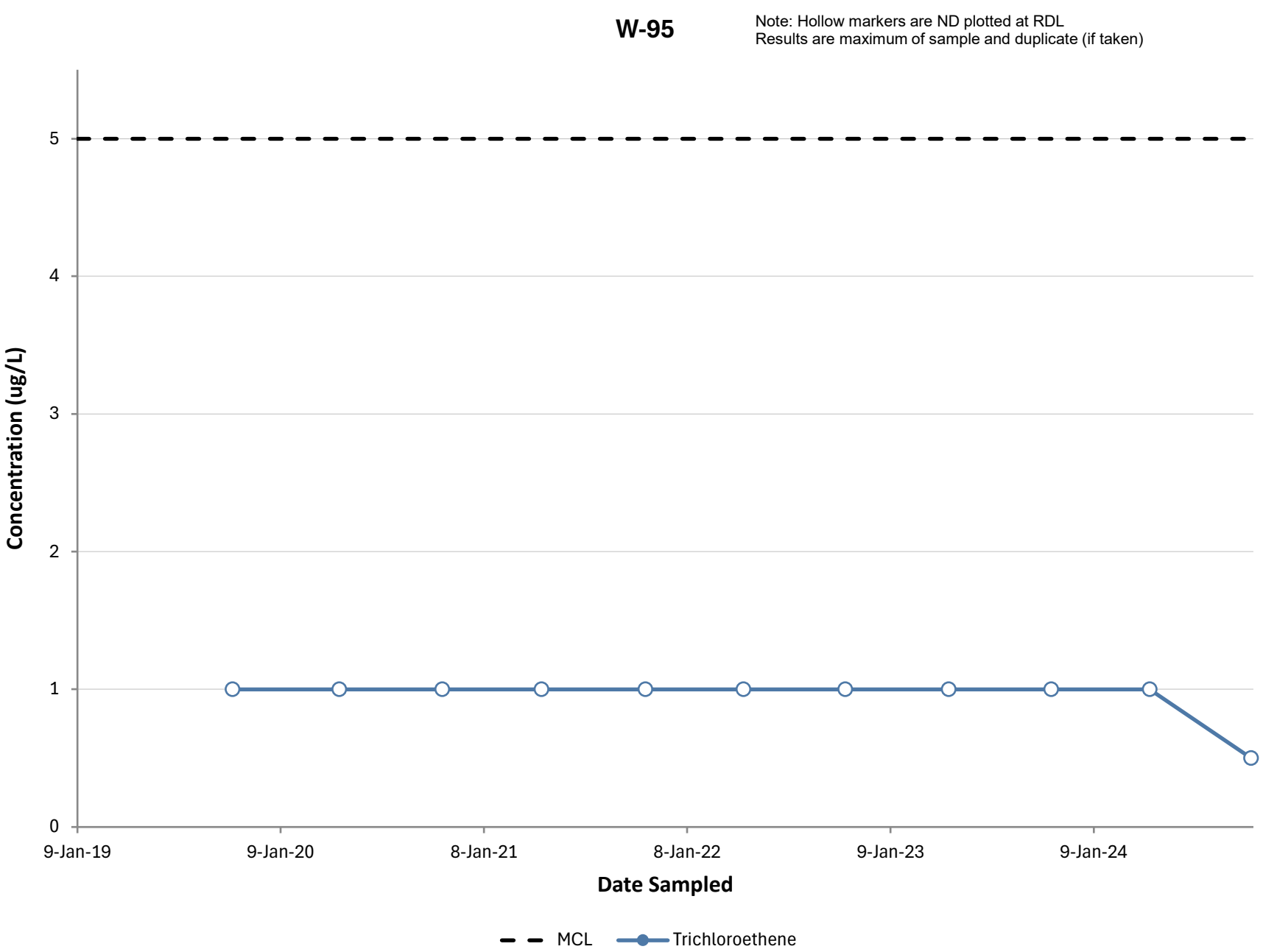

W-90
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

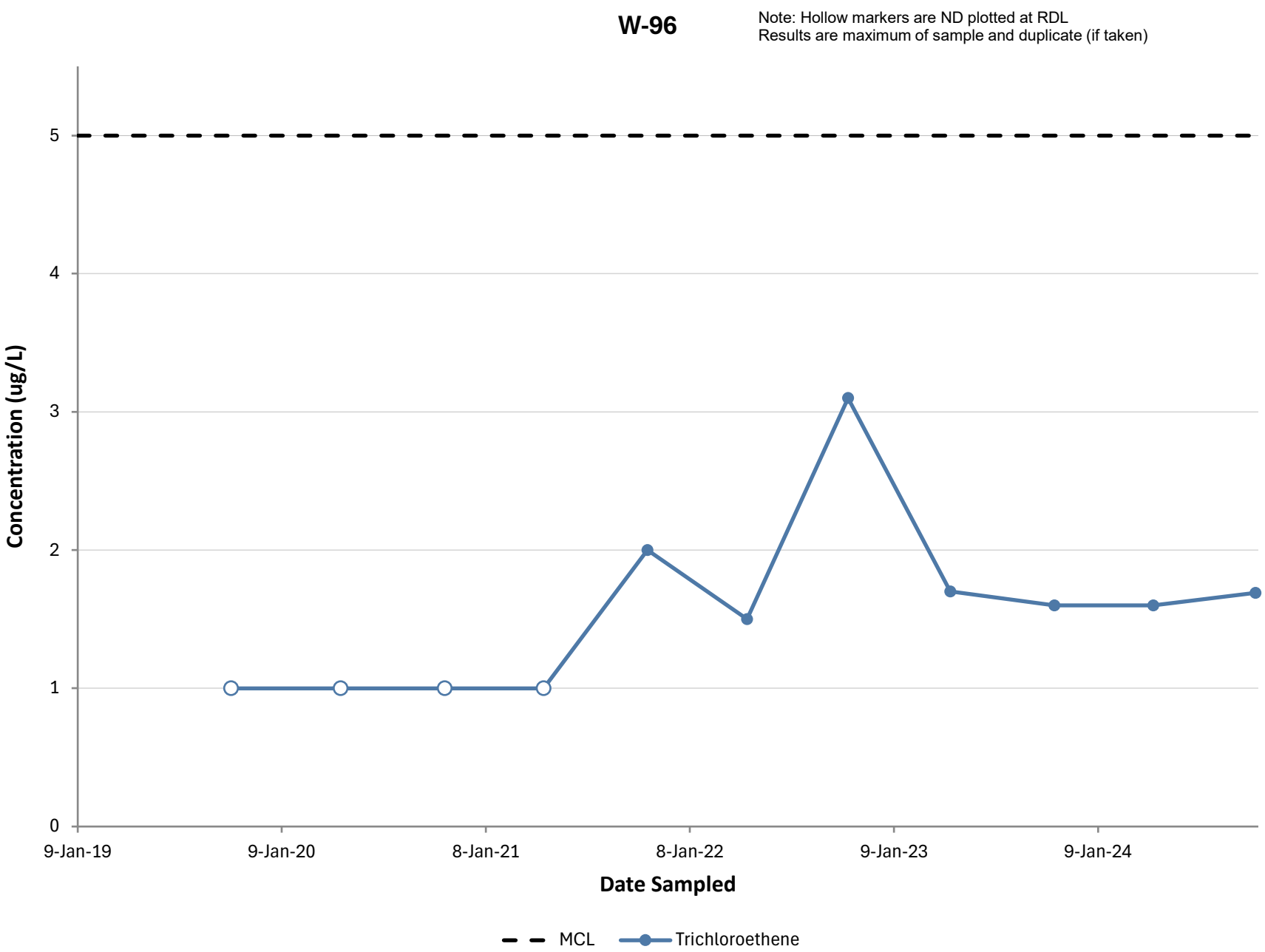

W-91
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

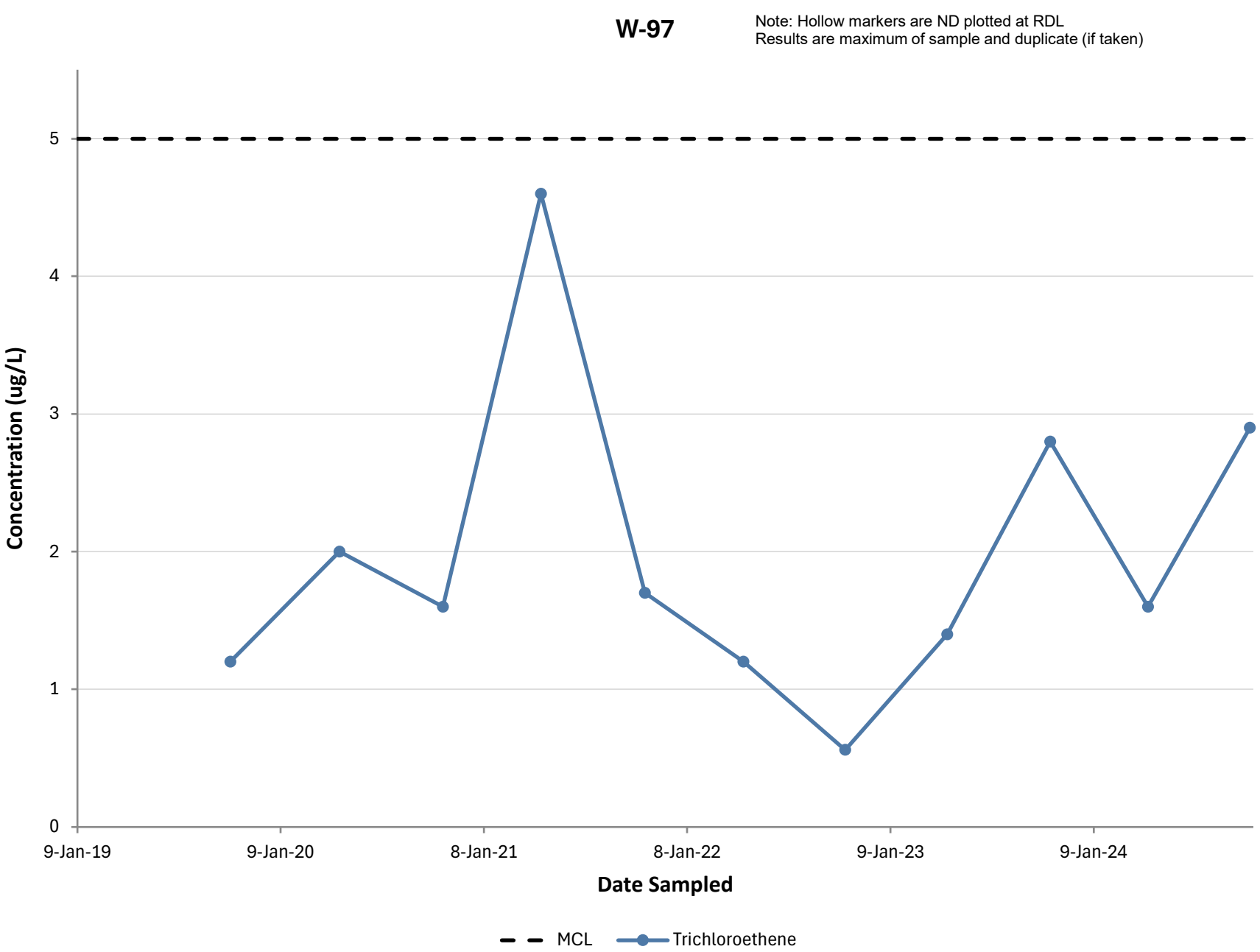

W-92
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

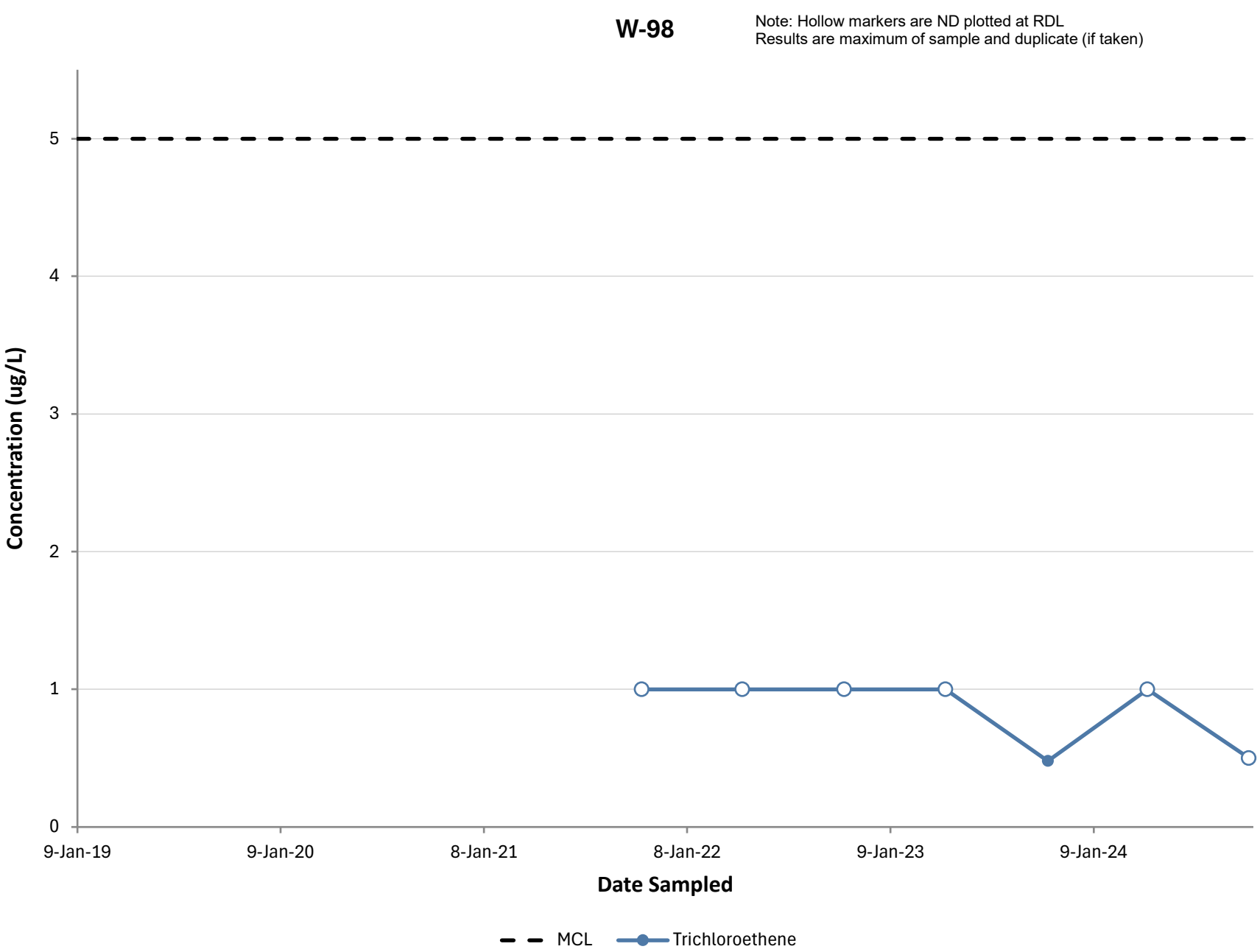

W-93
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

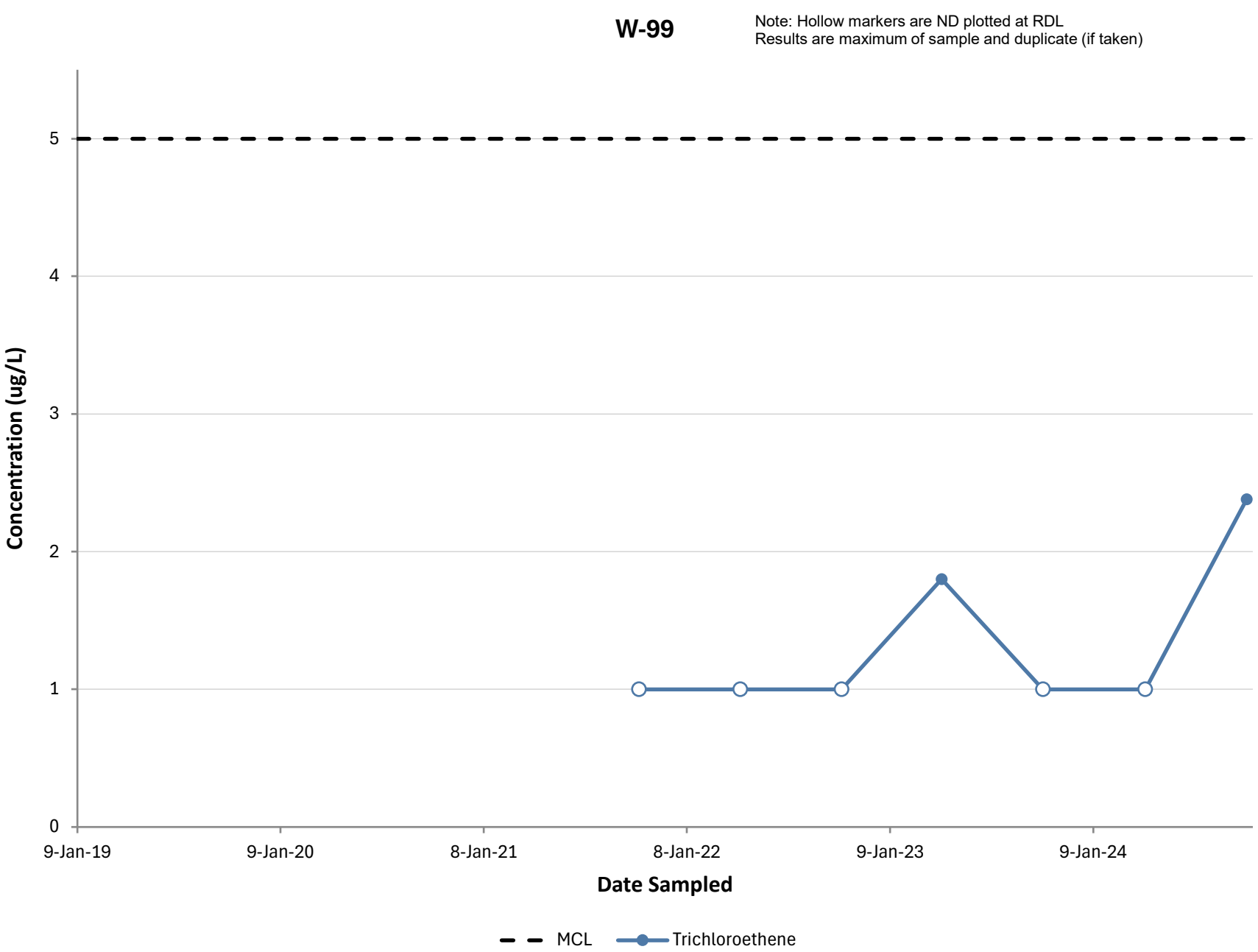

W-94
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

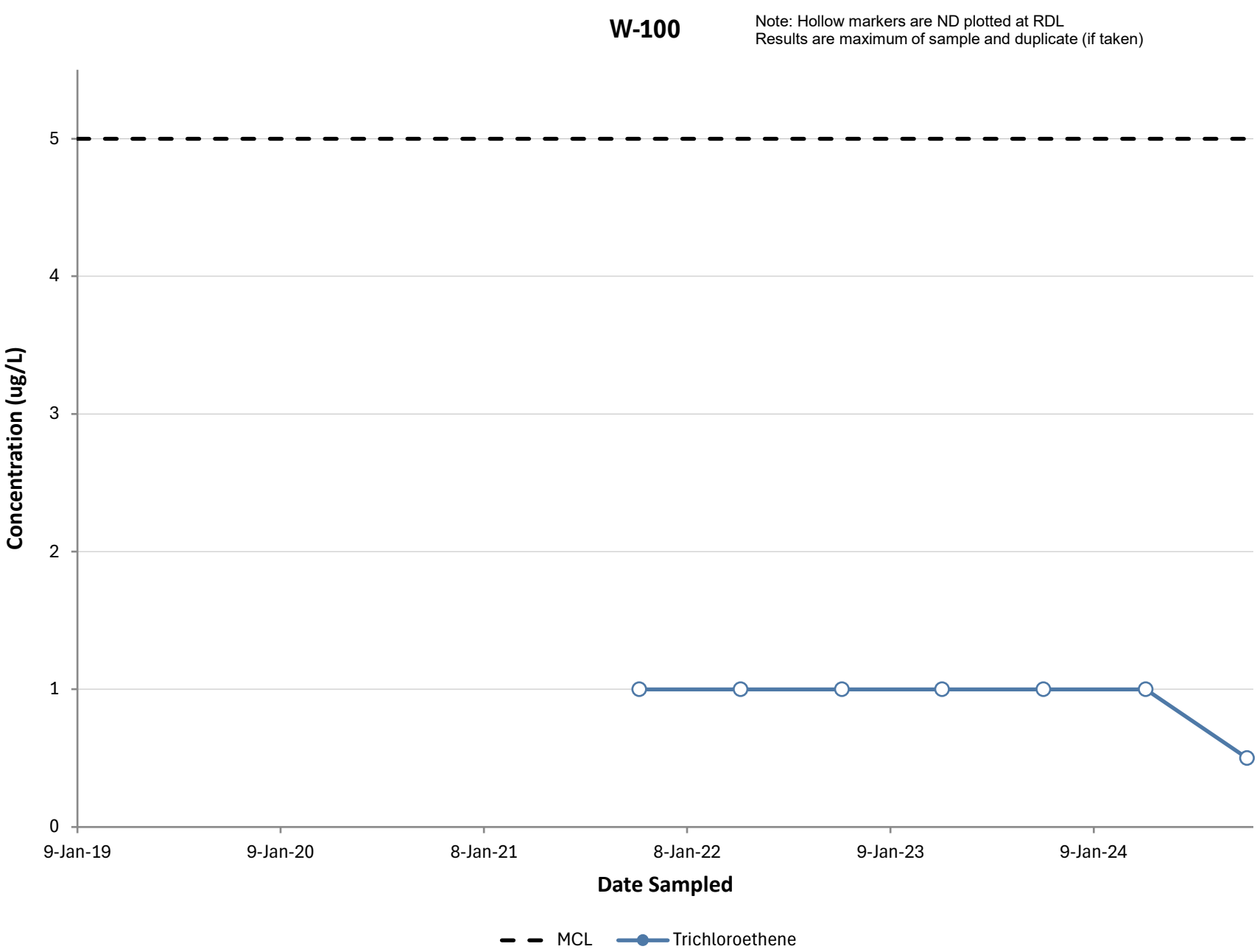

W-95
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

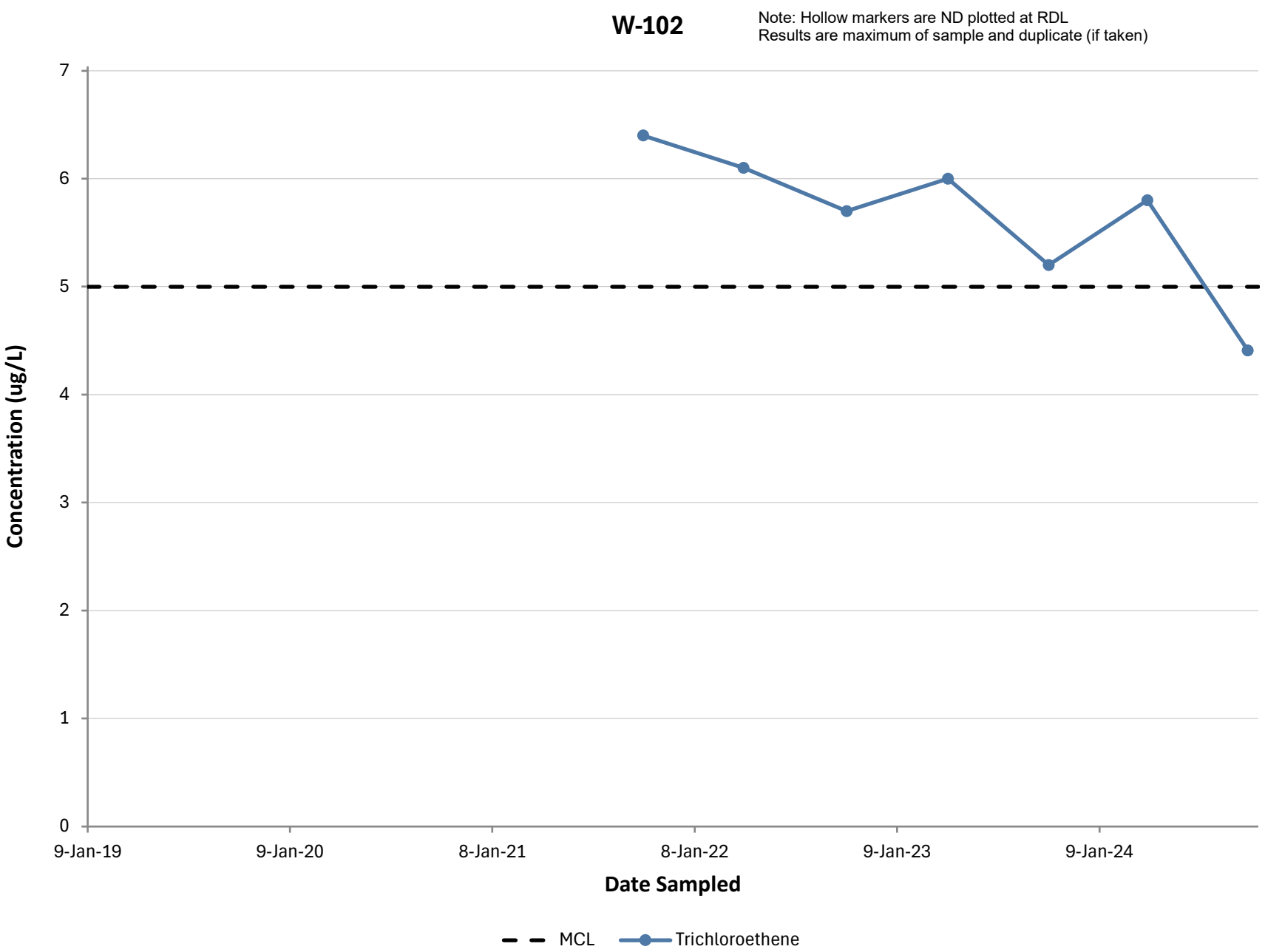

W-96
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

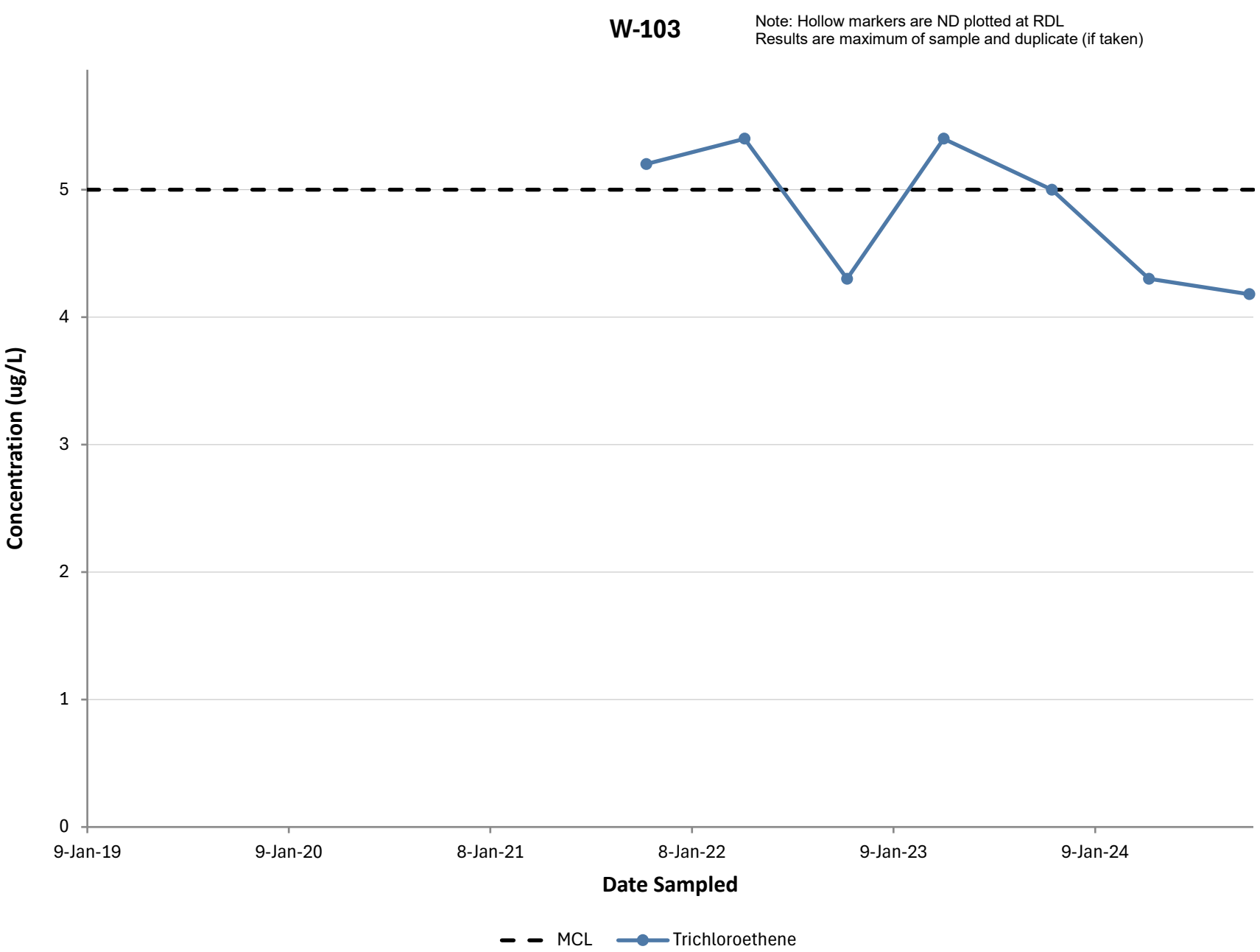

W-97
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

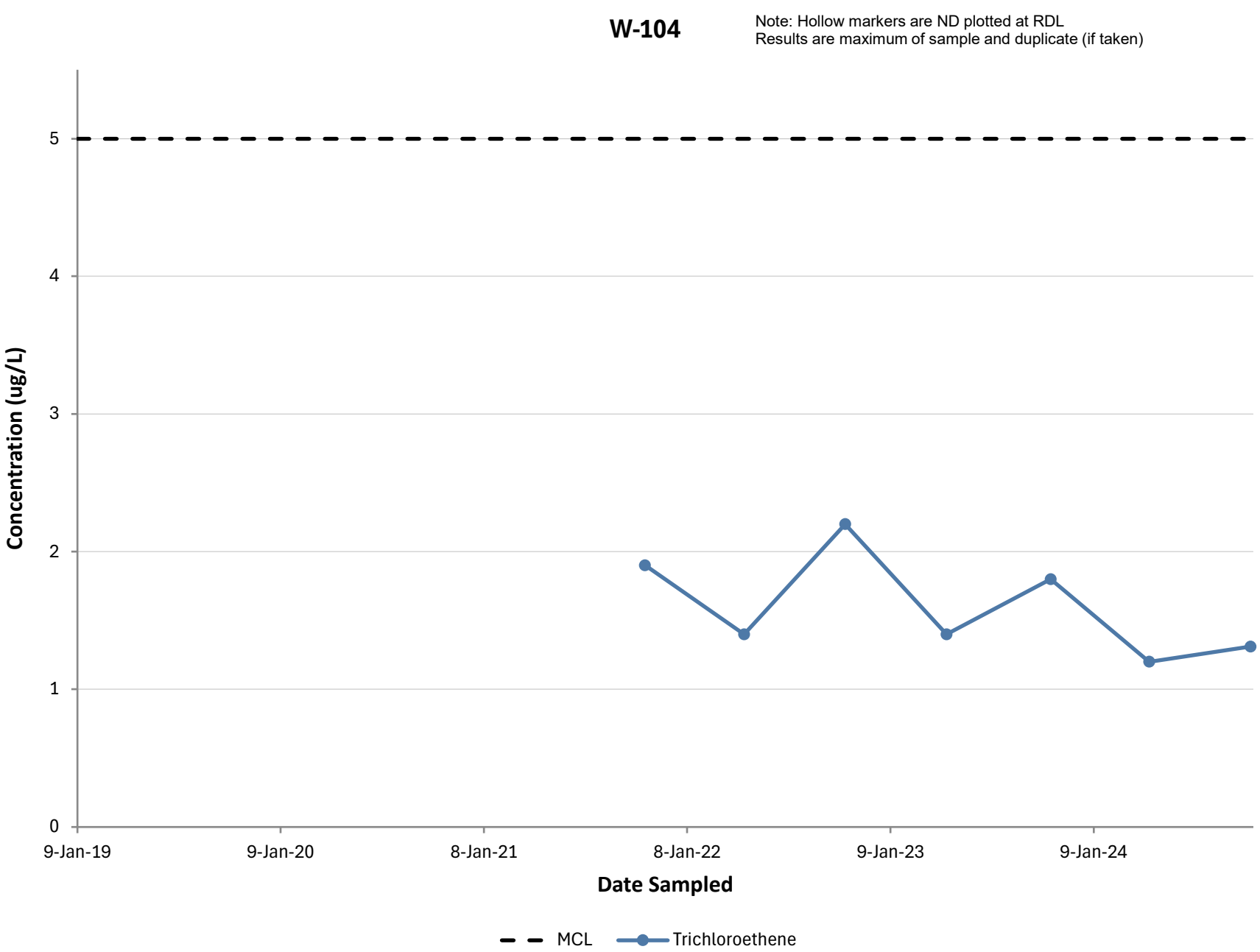

W-98
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene


W-99
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene


W-100
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

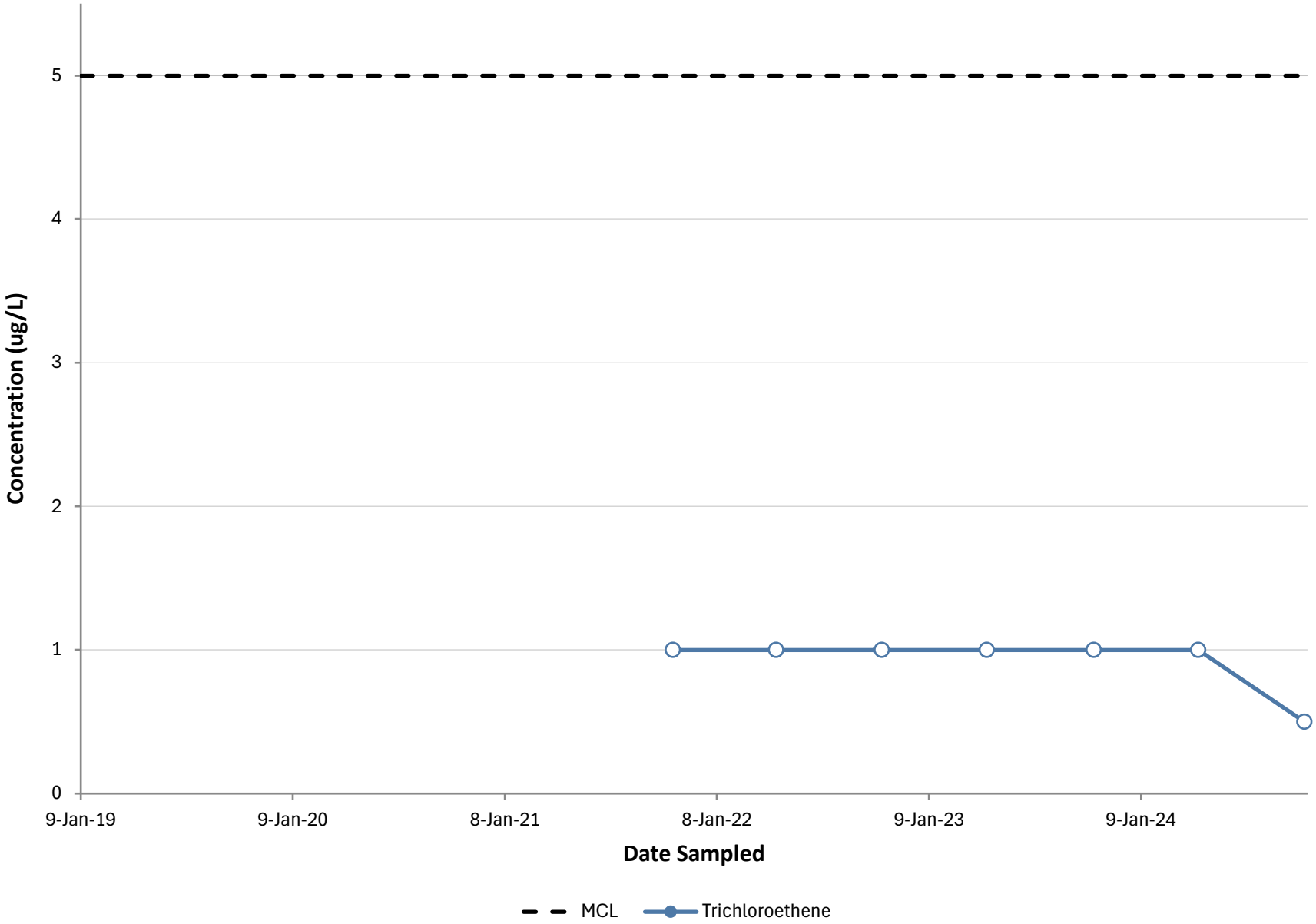

W-102
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
7
6
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

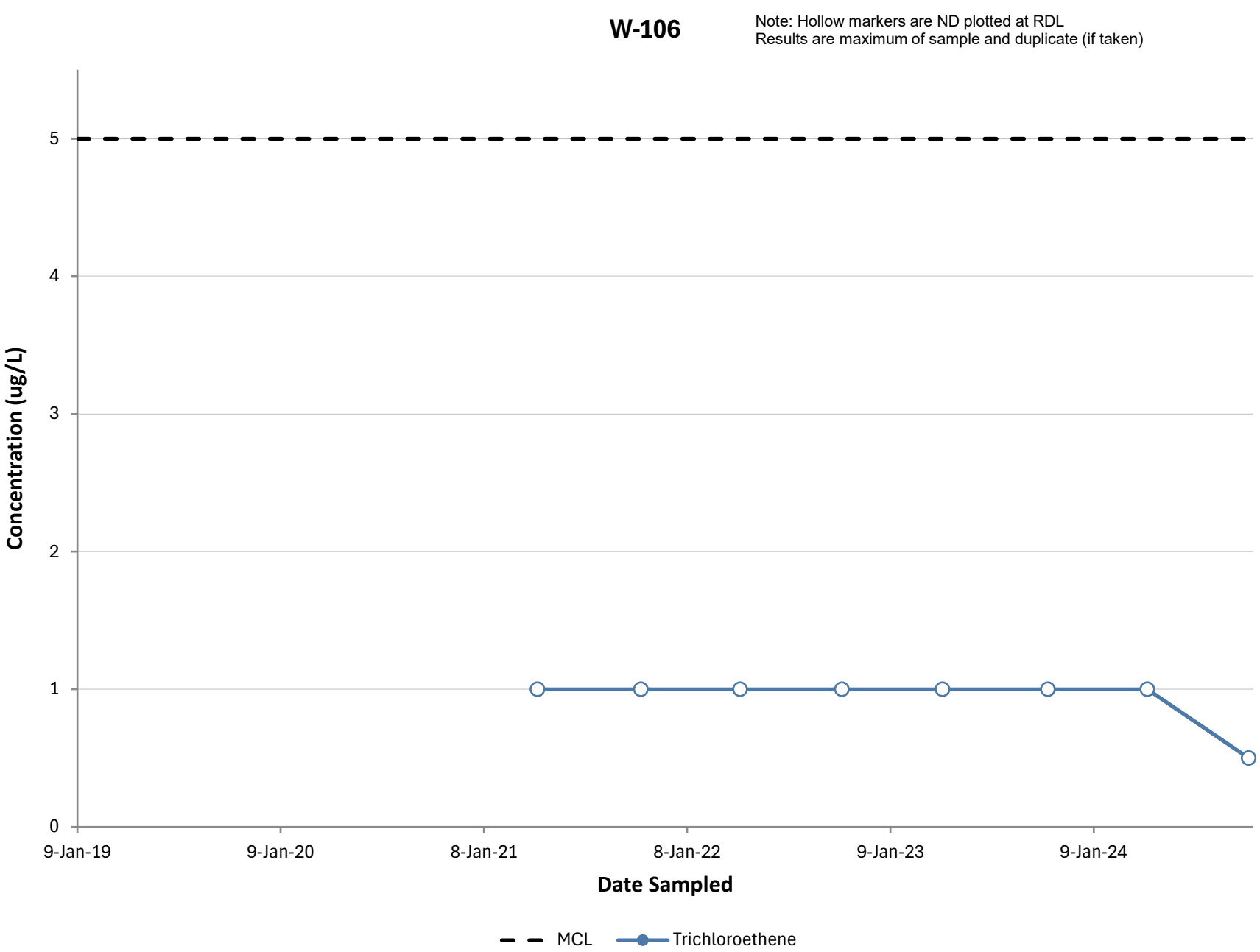

W-103
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

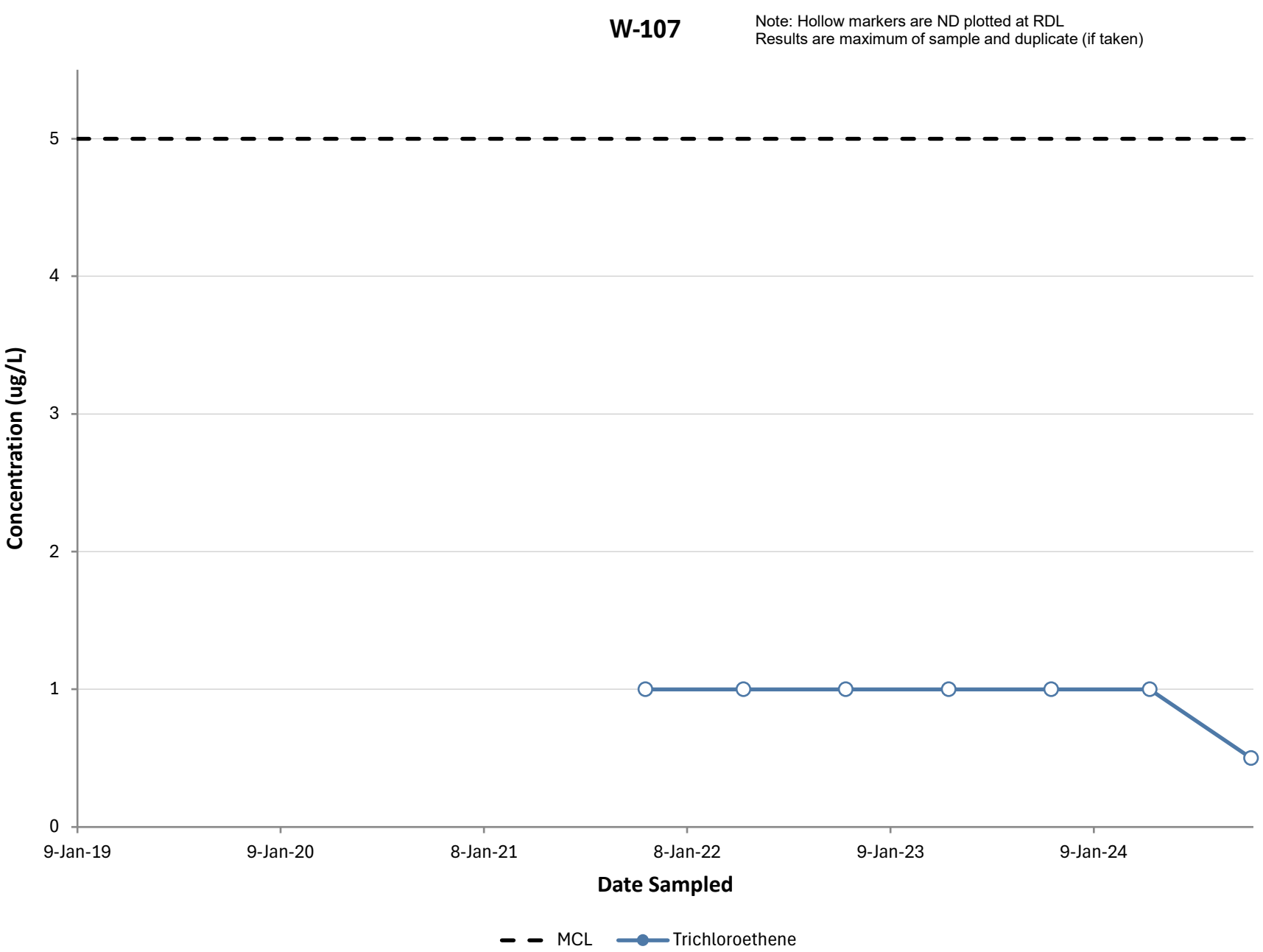

W-104
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

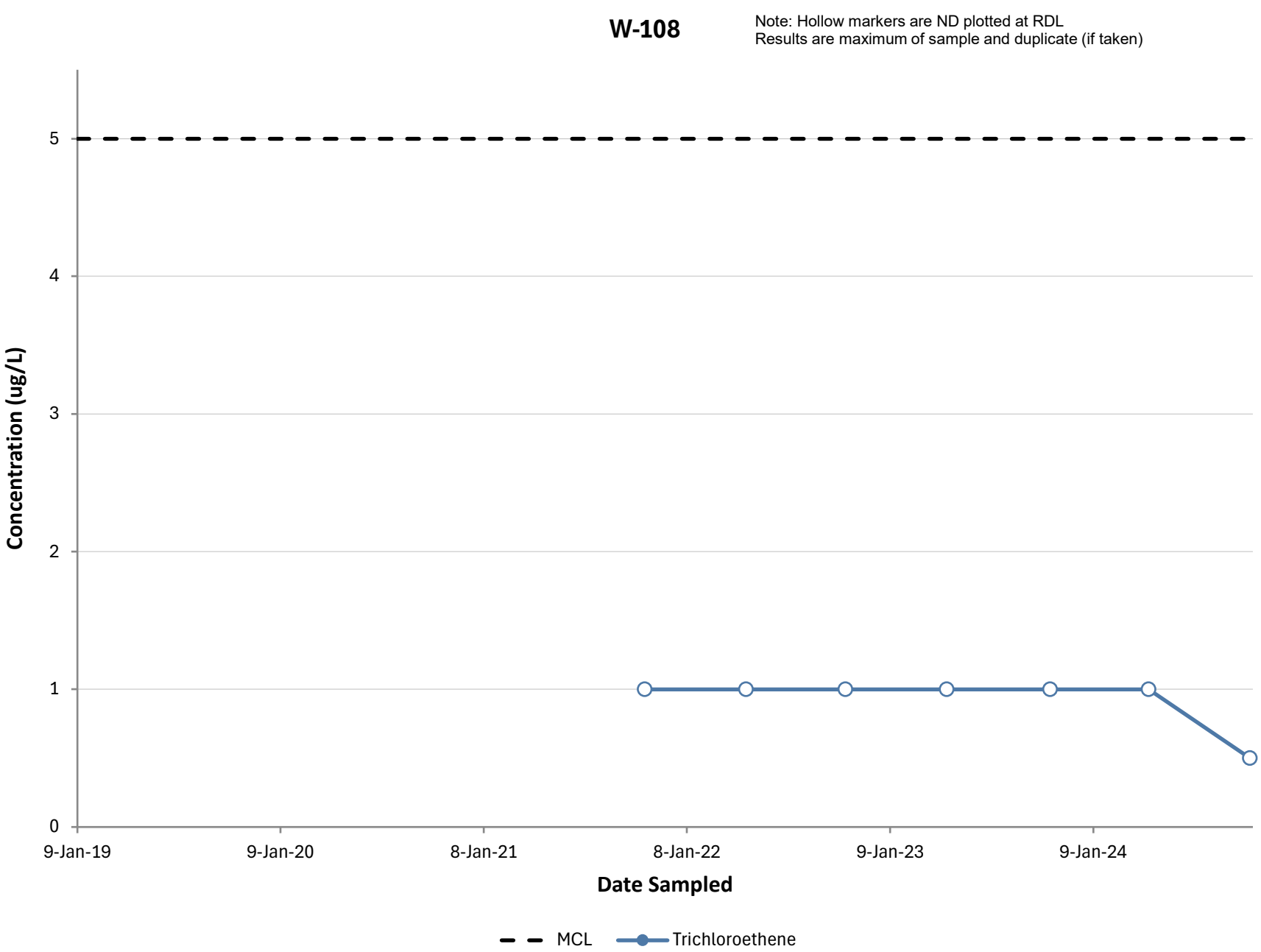
W-105

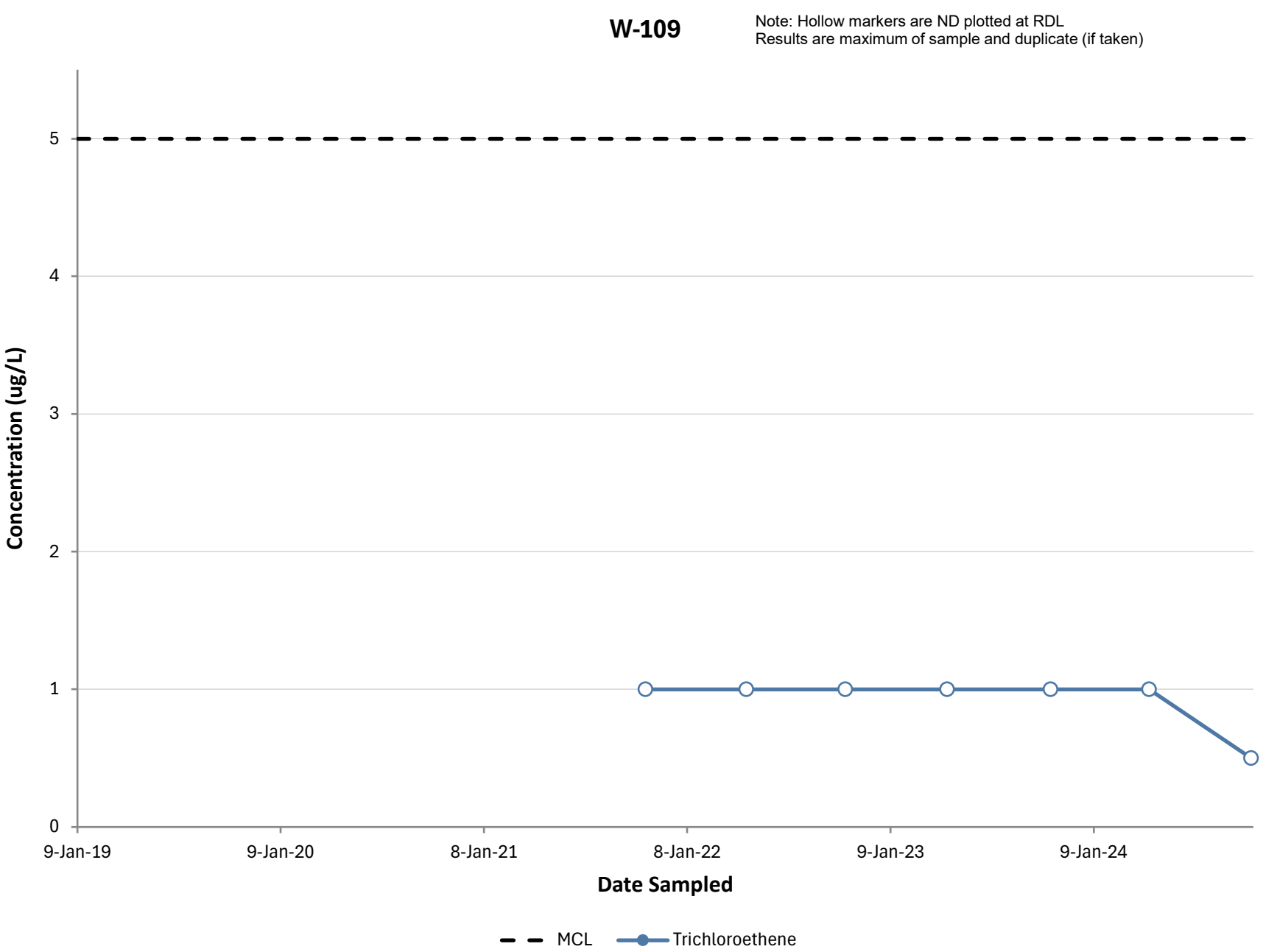
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

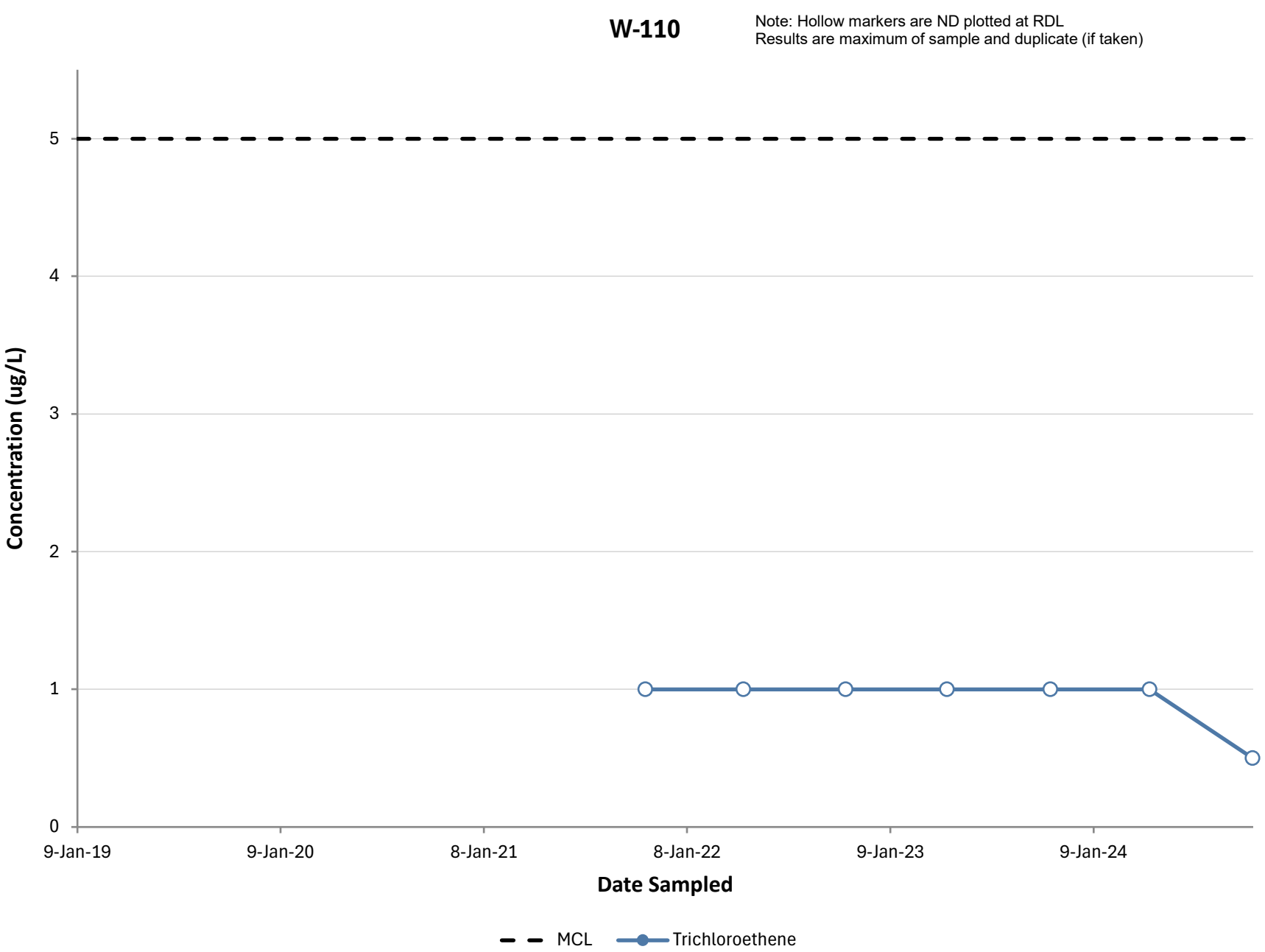


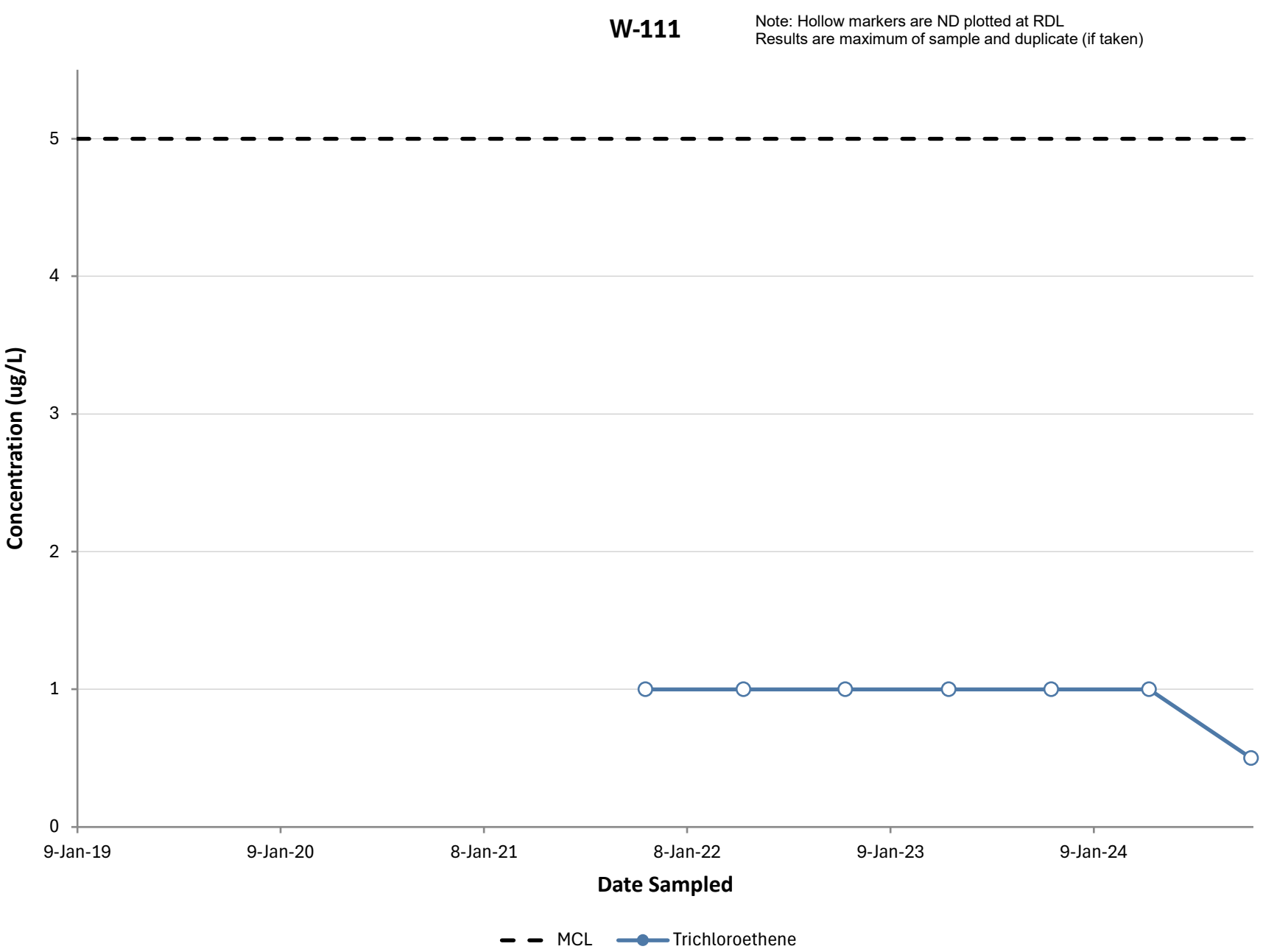

W-106
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

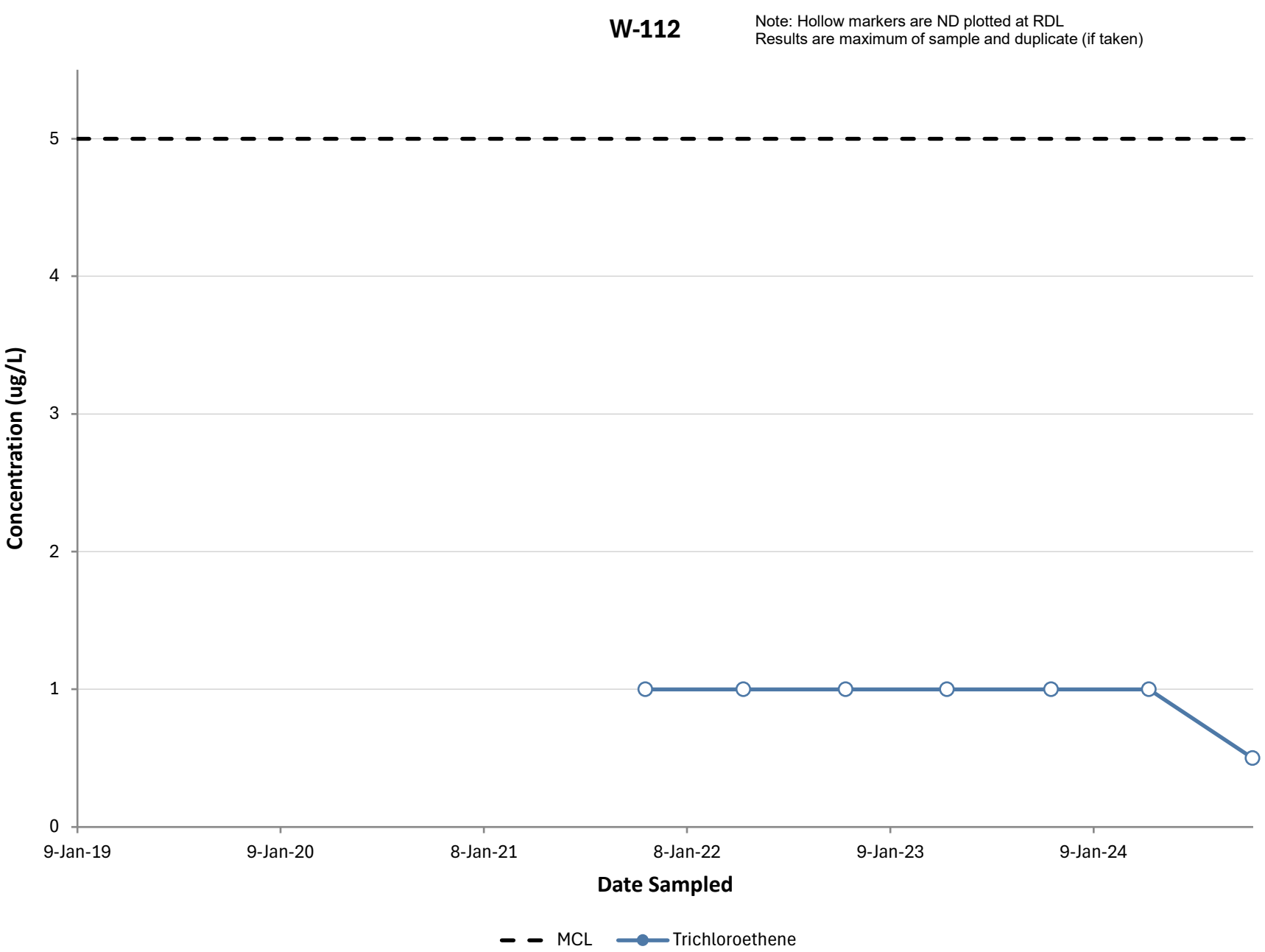

W-107
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

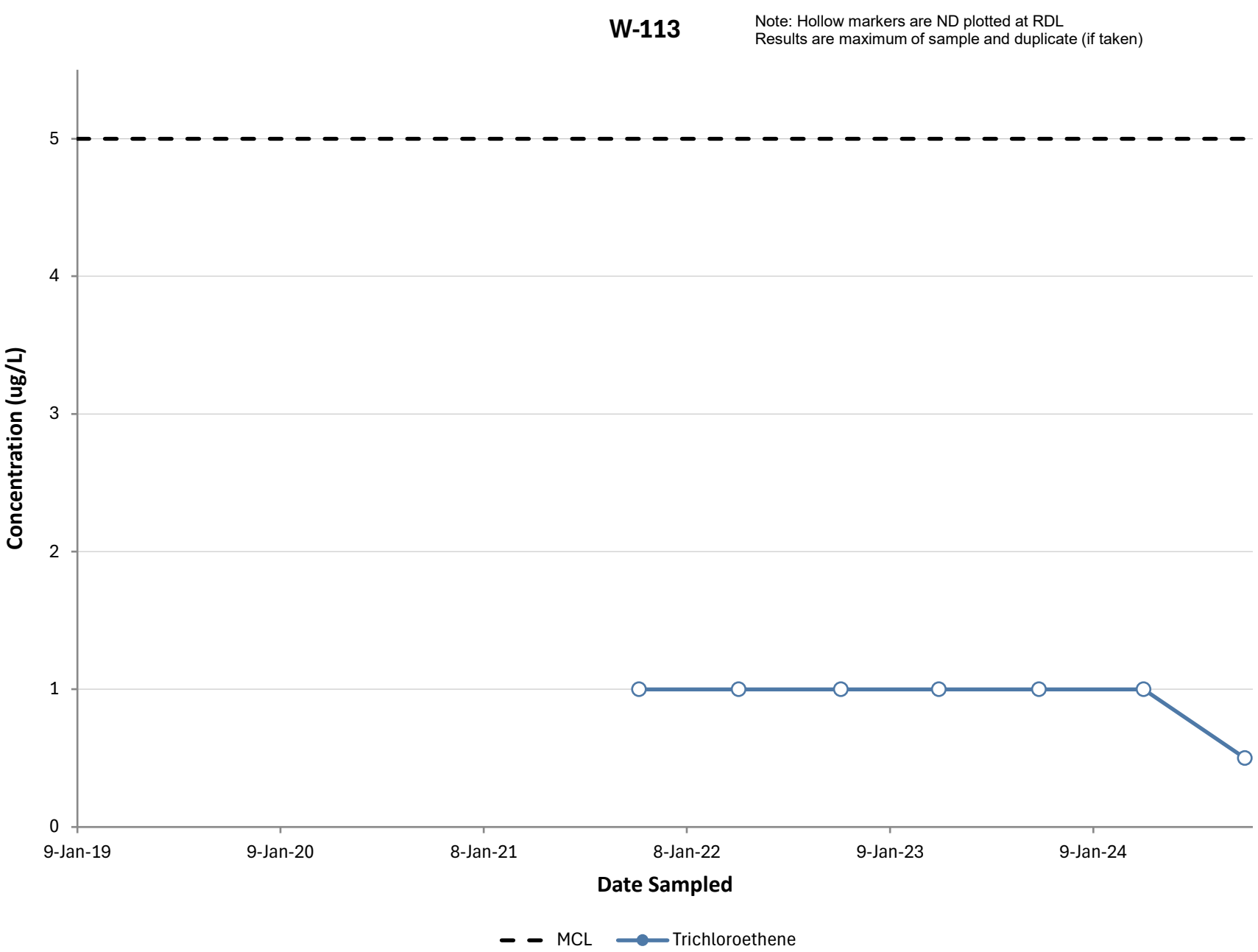

W-108
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

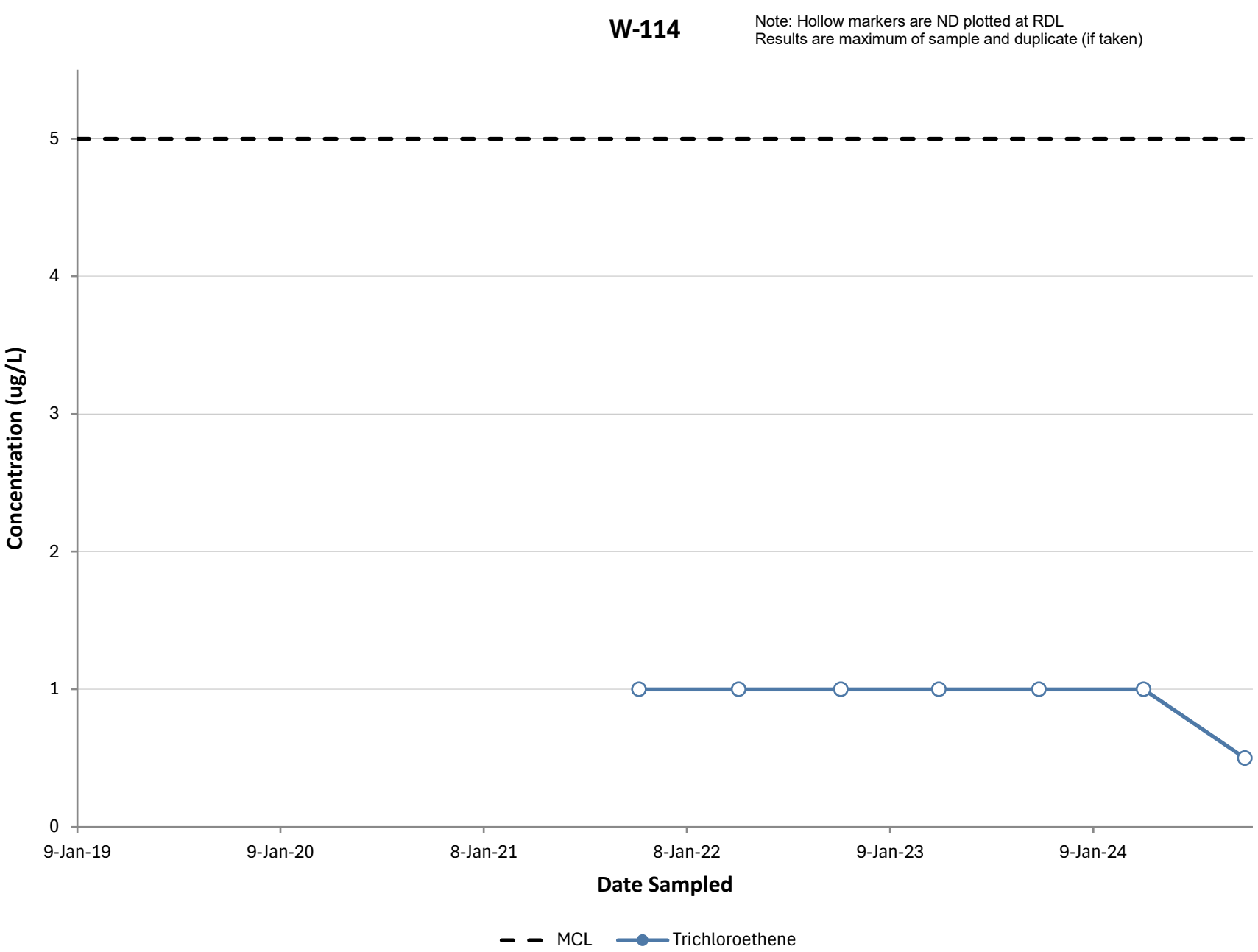

W-109
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

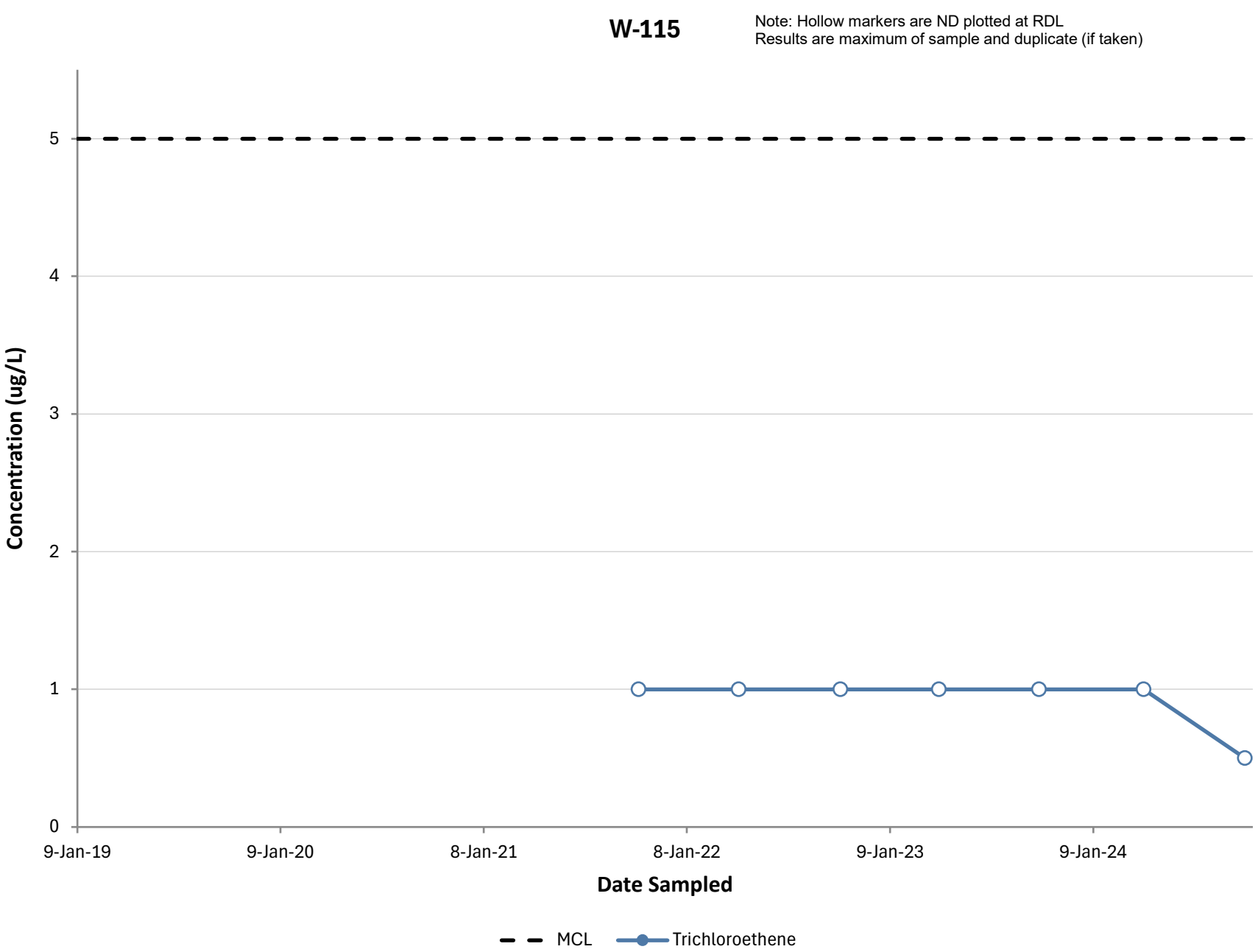

W-110
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

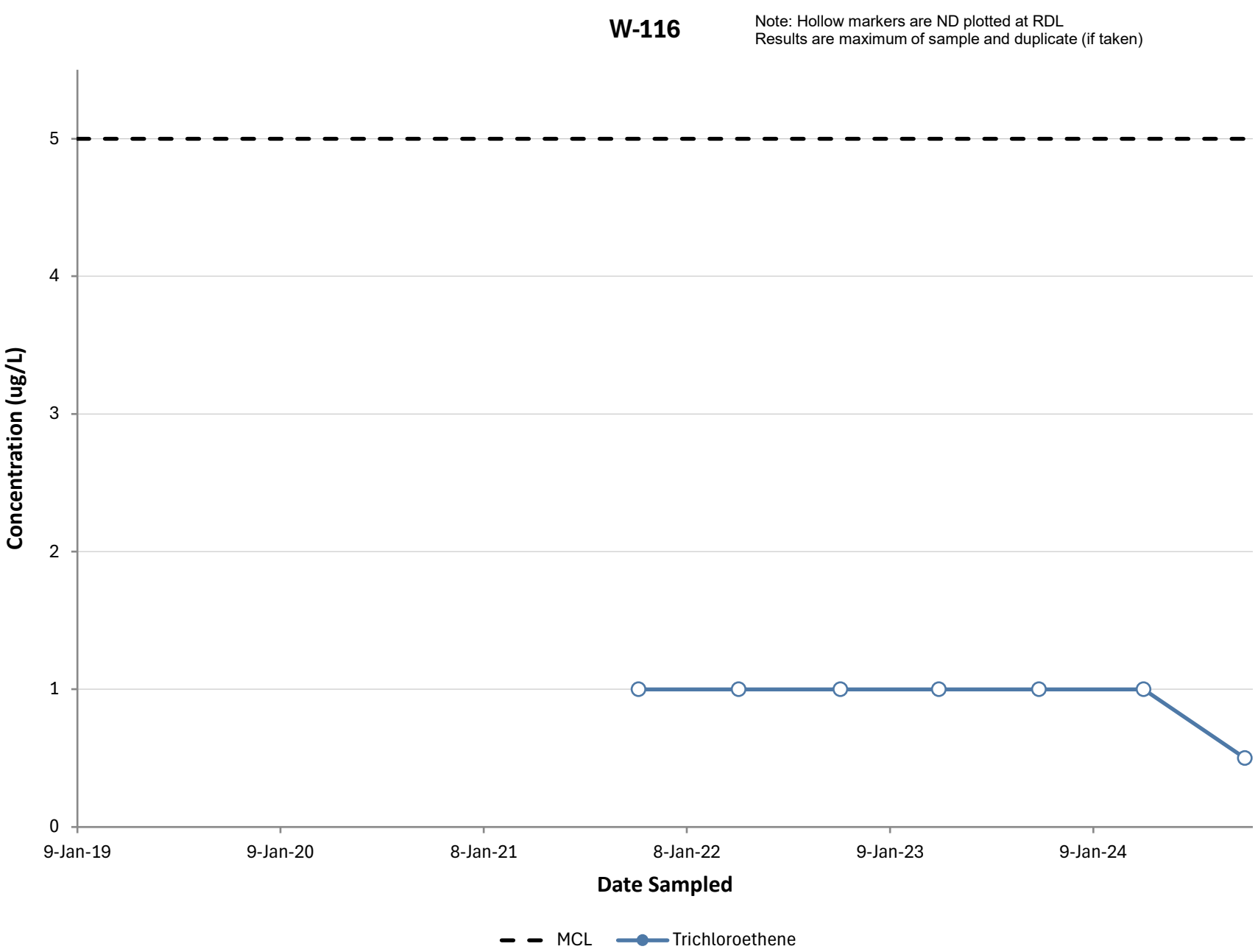

W-111
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

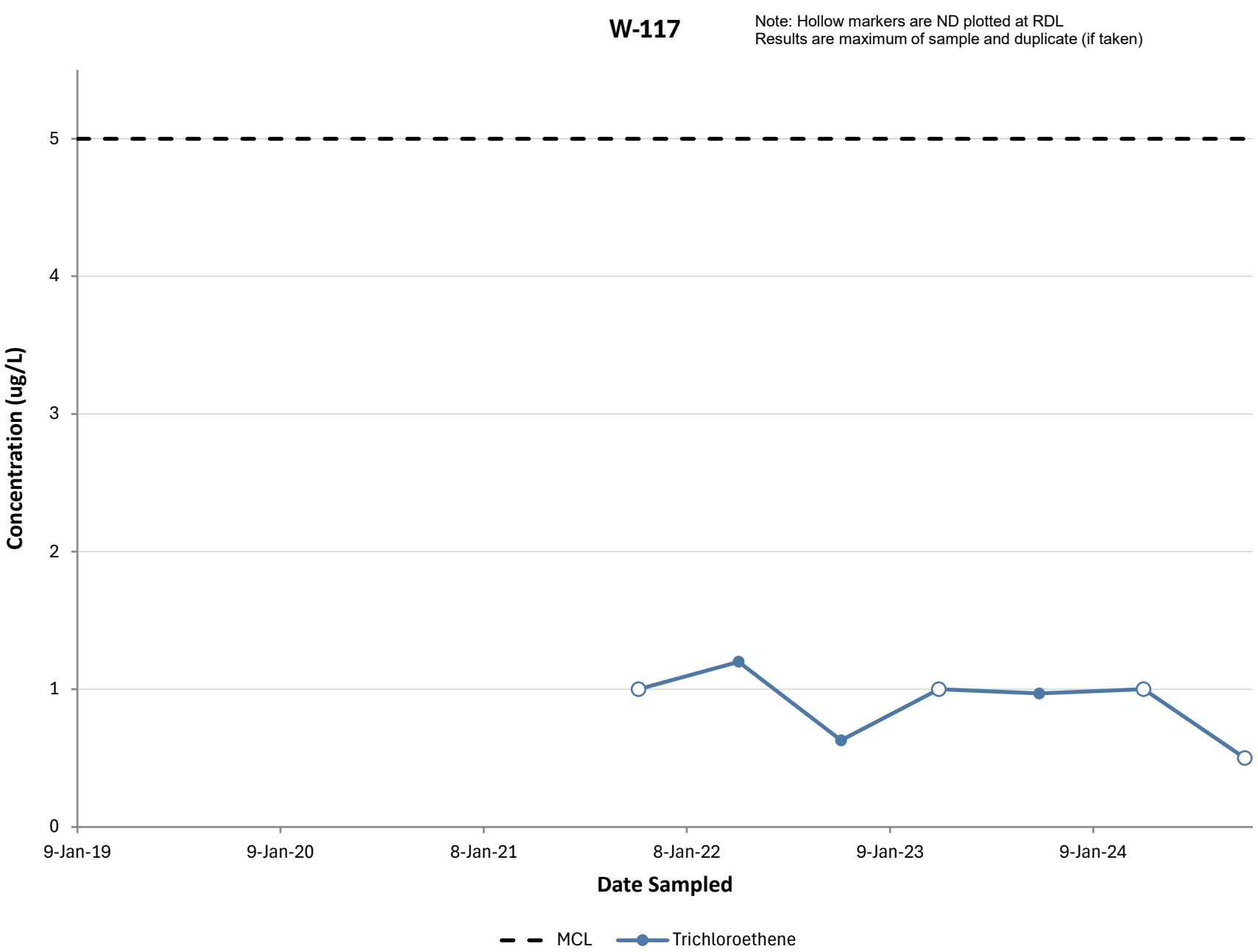

W-112
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

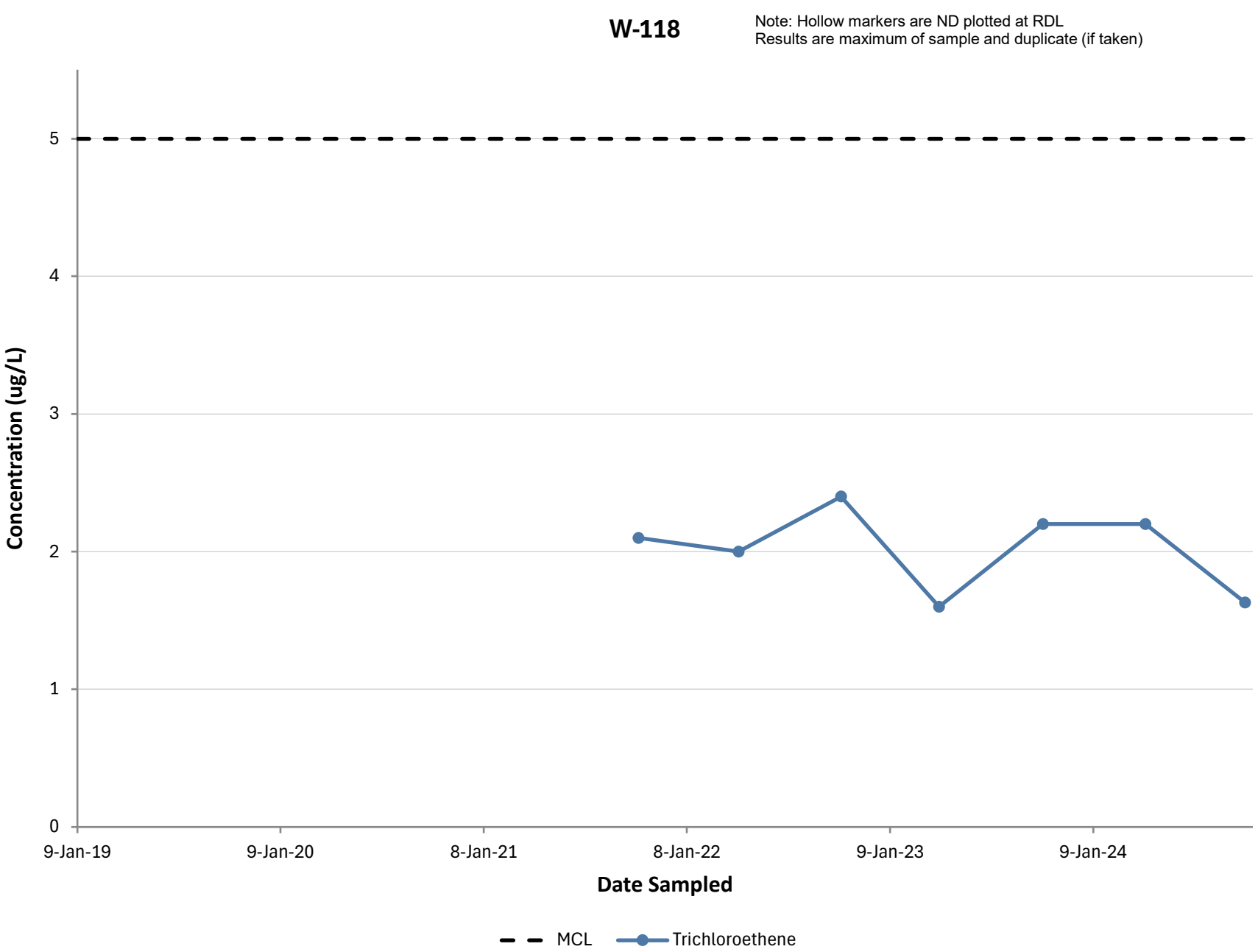

W-113
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

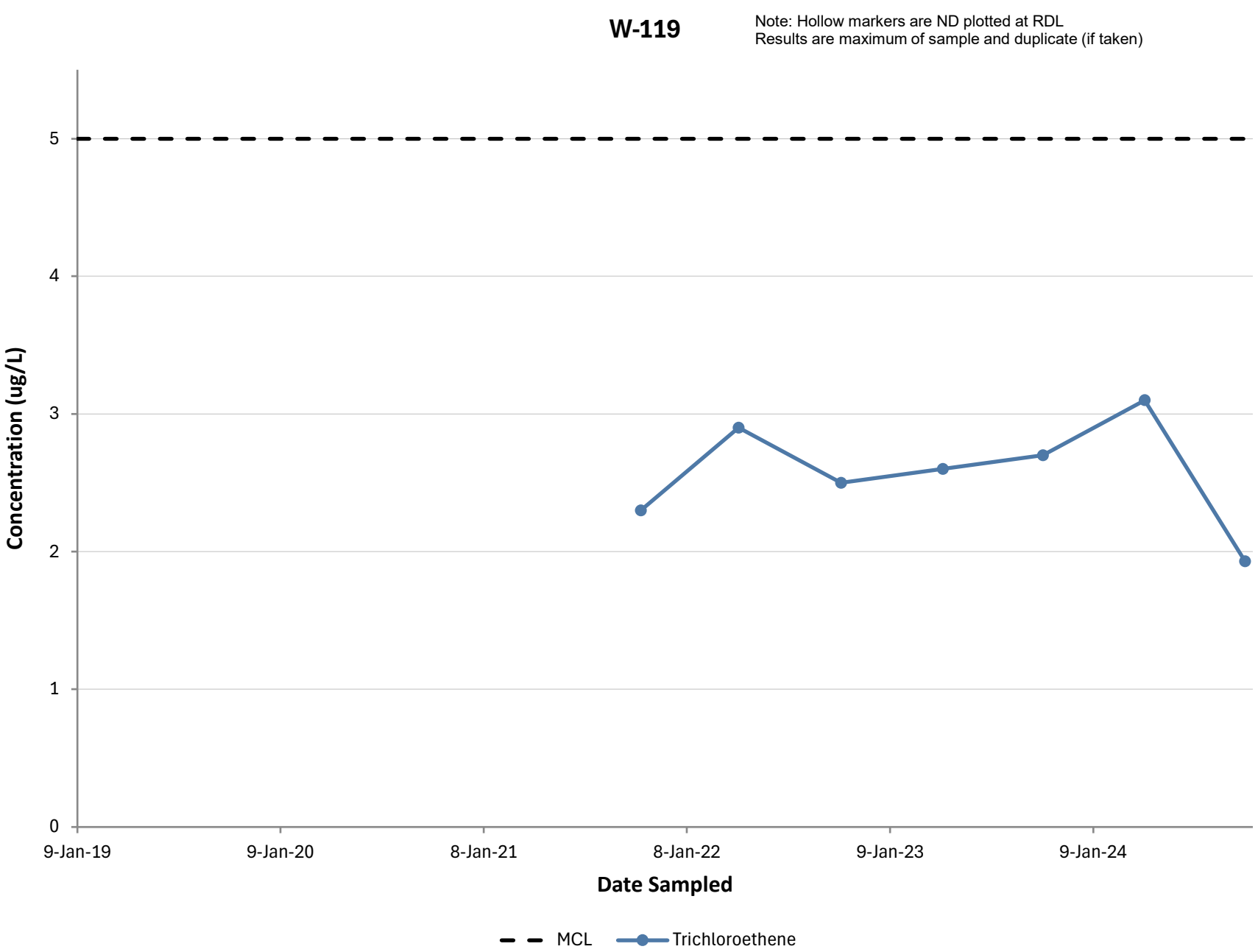

W-114
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

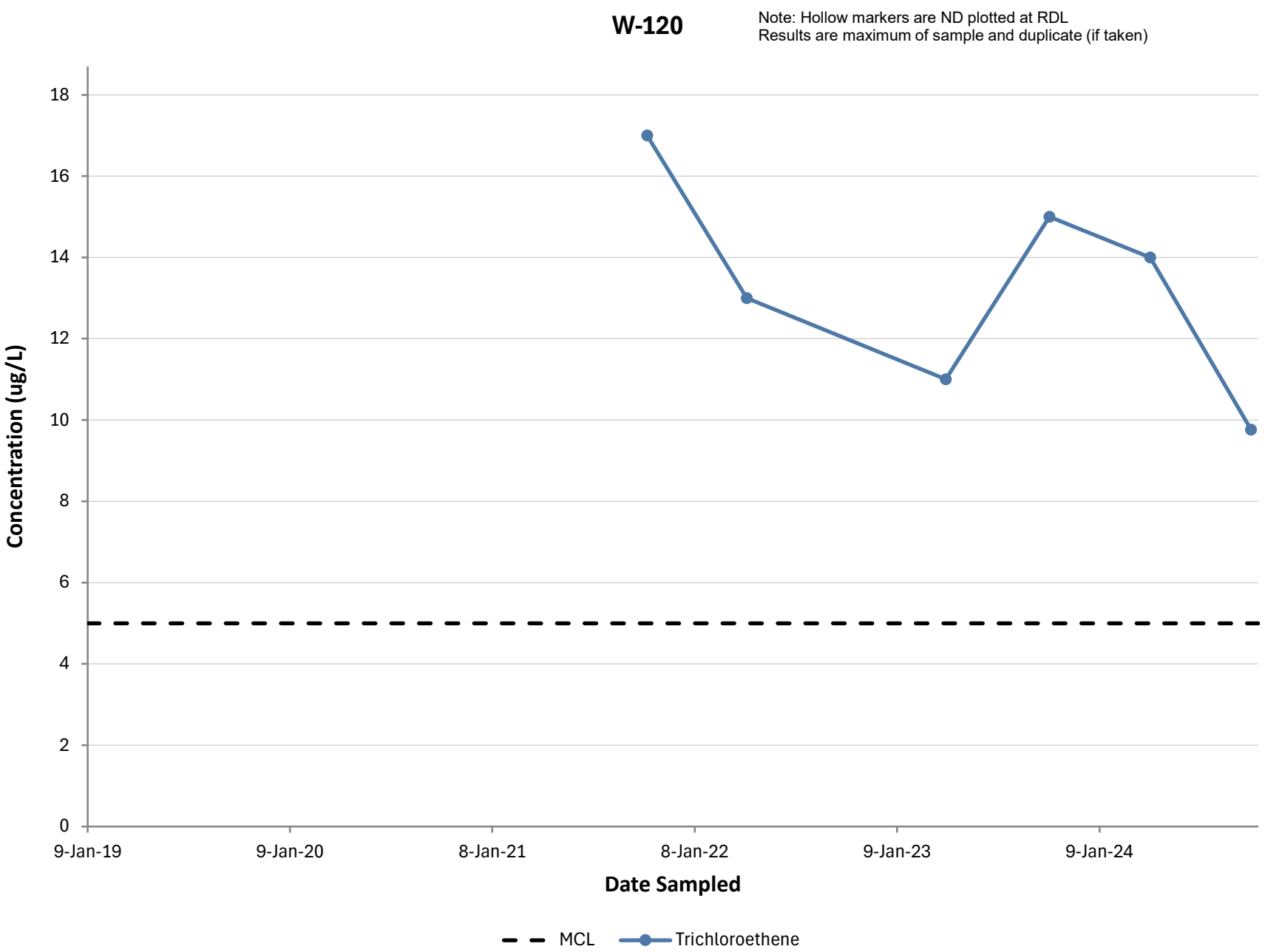

W-115
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

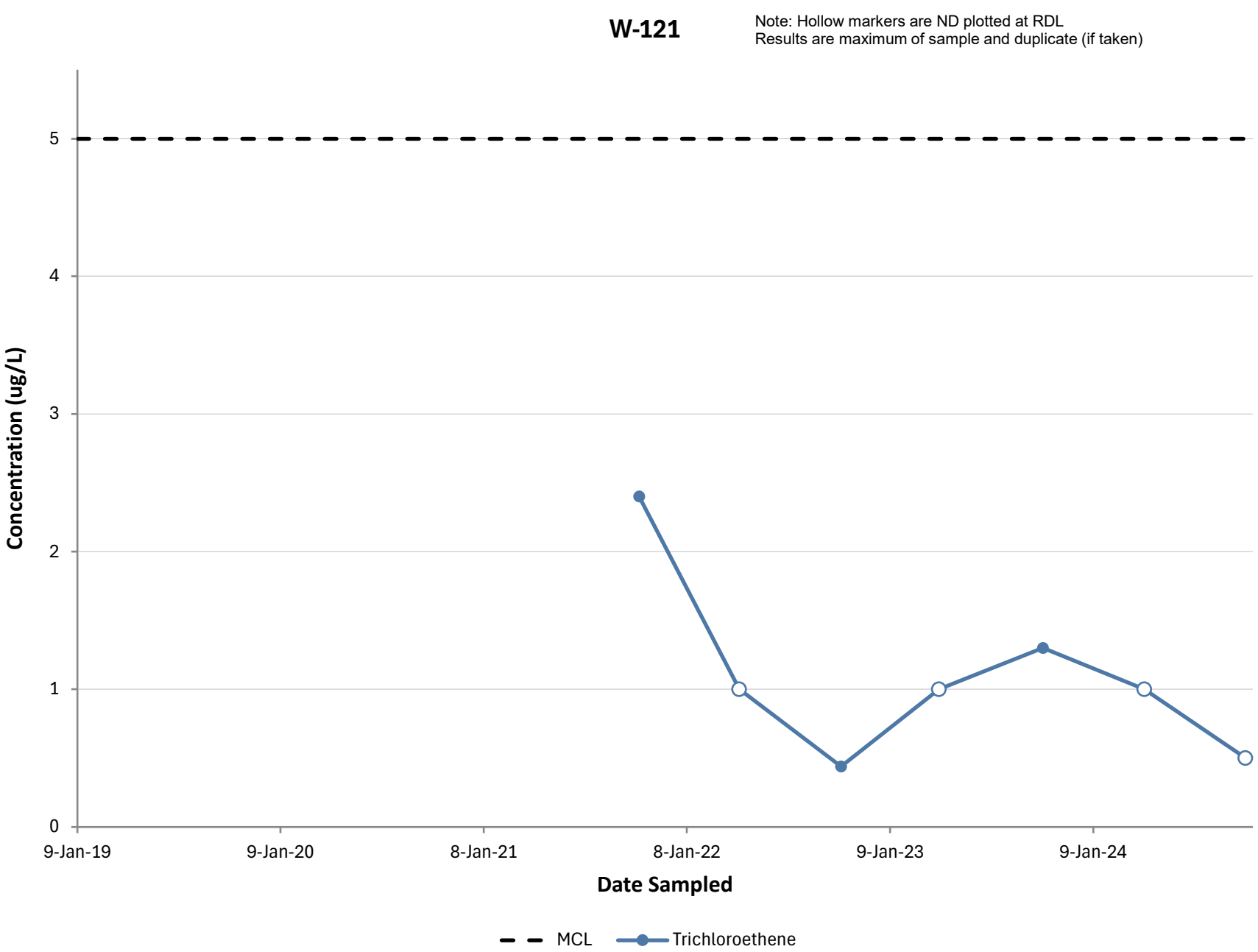

W-116
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

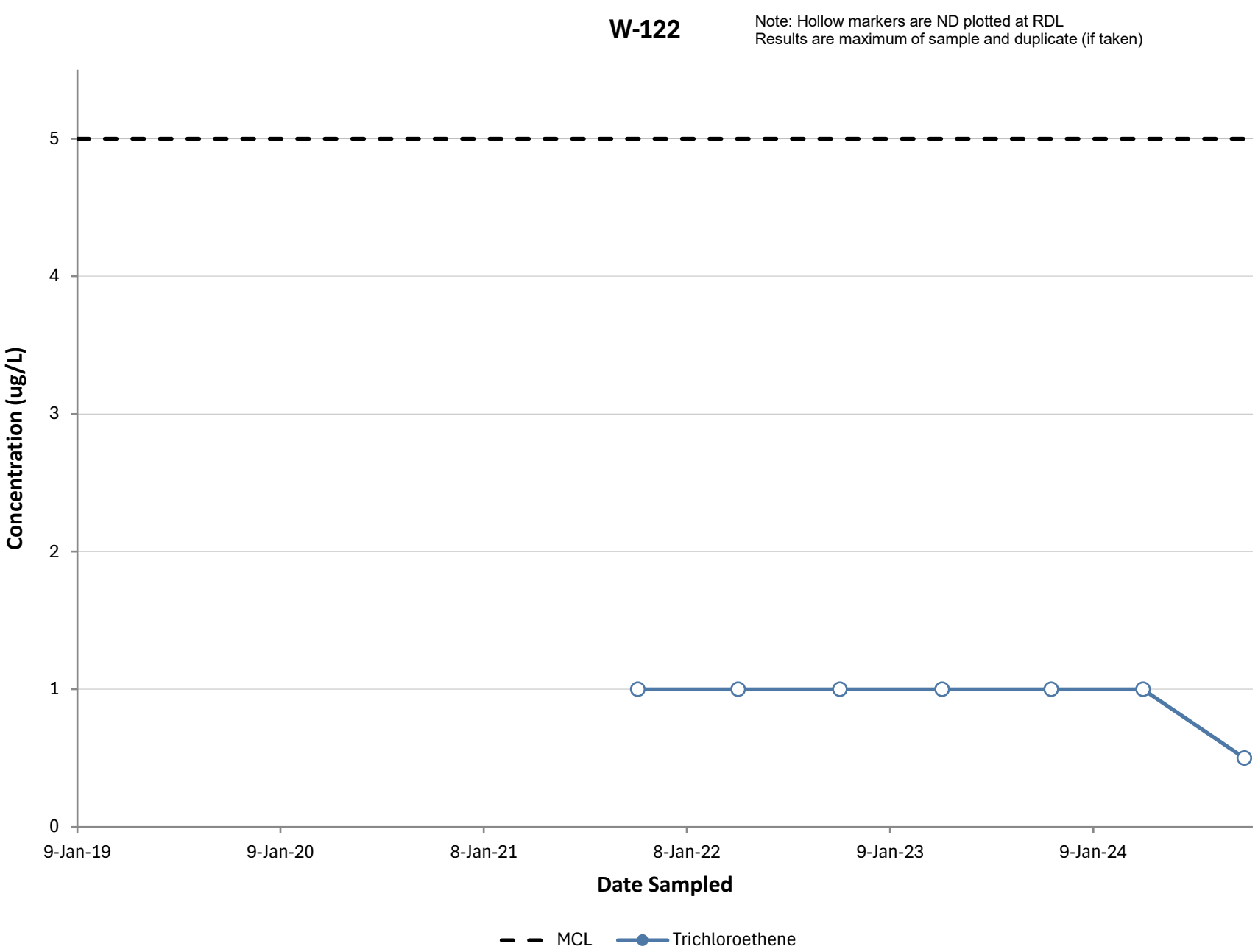

W-117
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

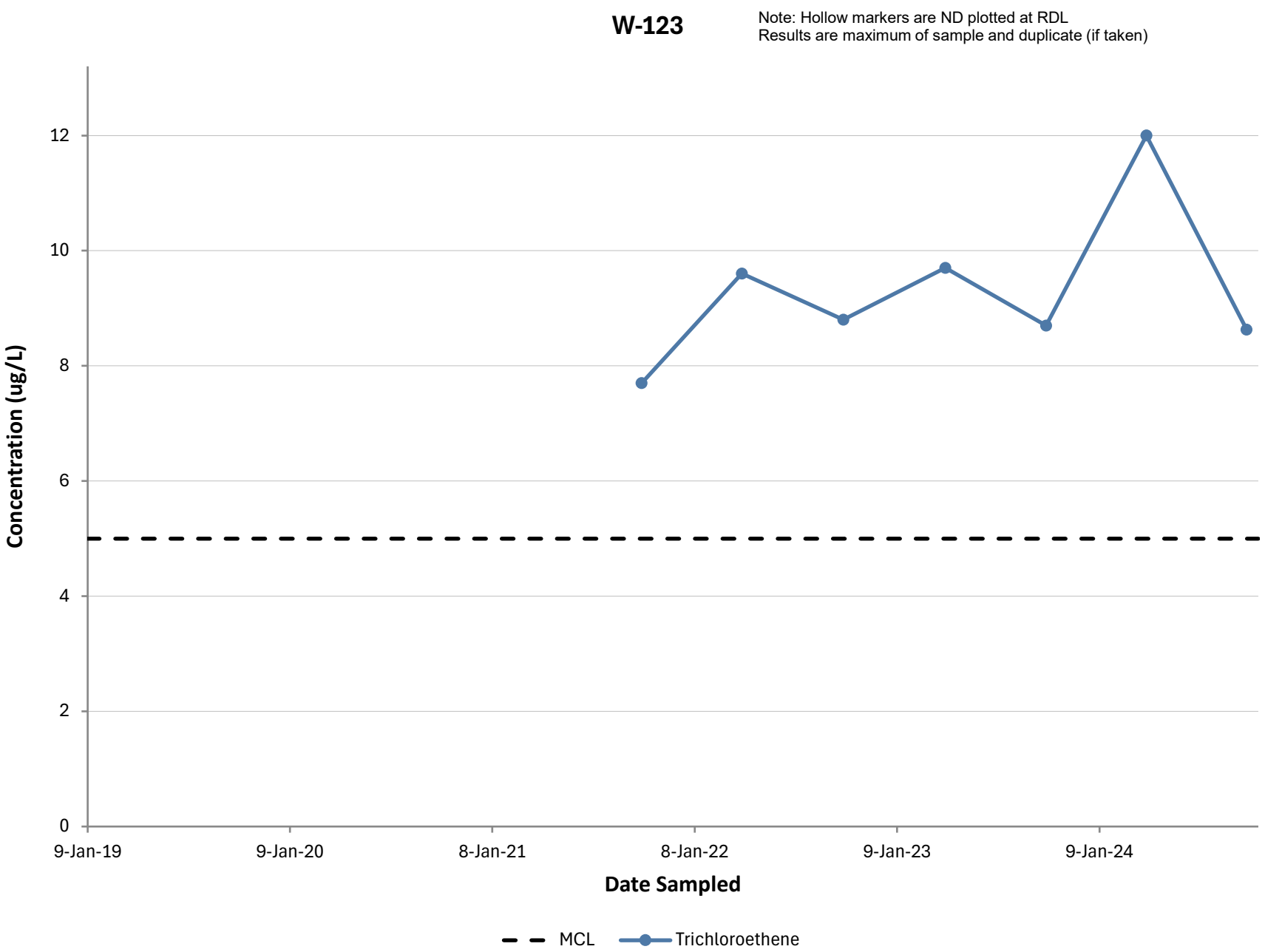

W-118
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

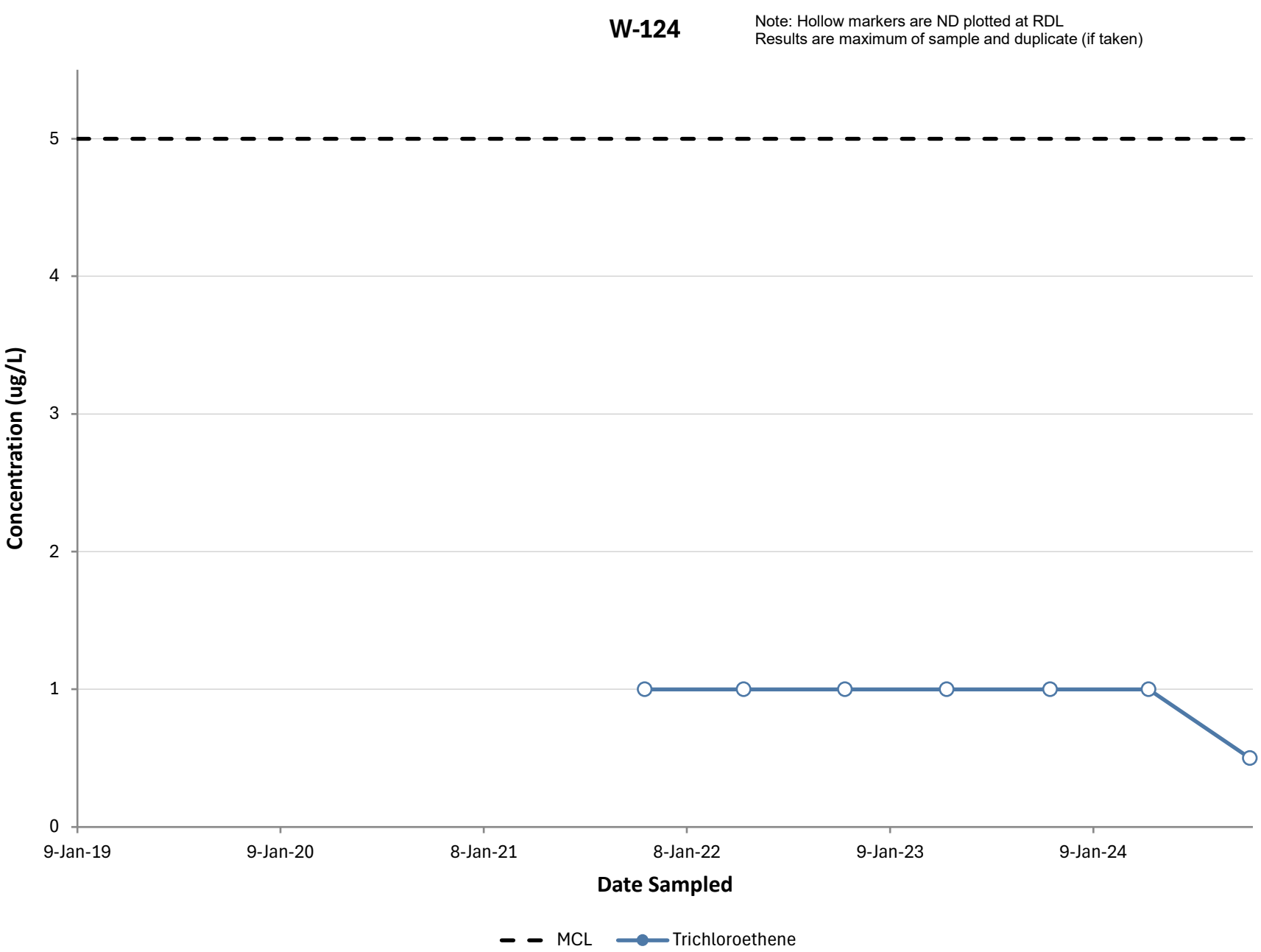

W-119
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

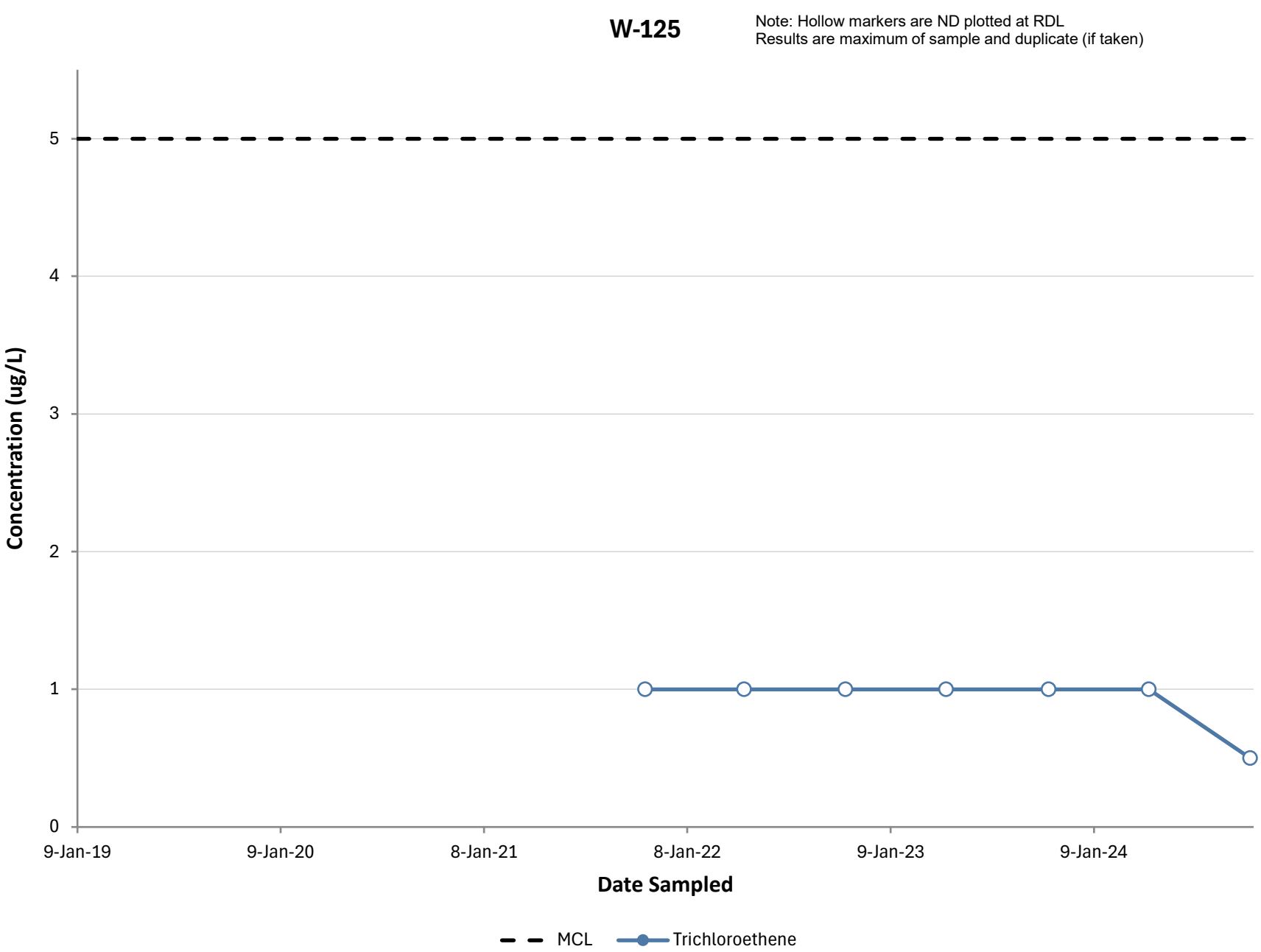

W-120
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
18
16
14
12
10
8
6
4
2
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

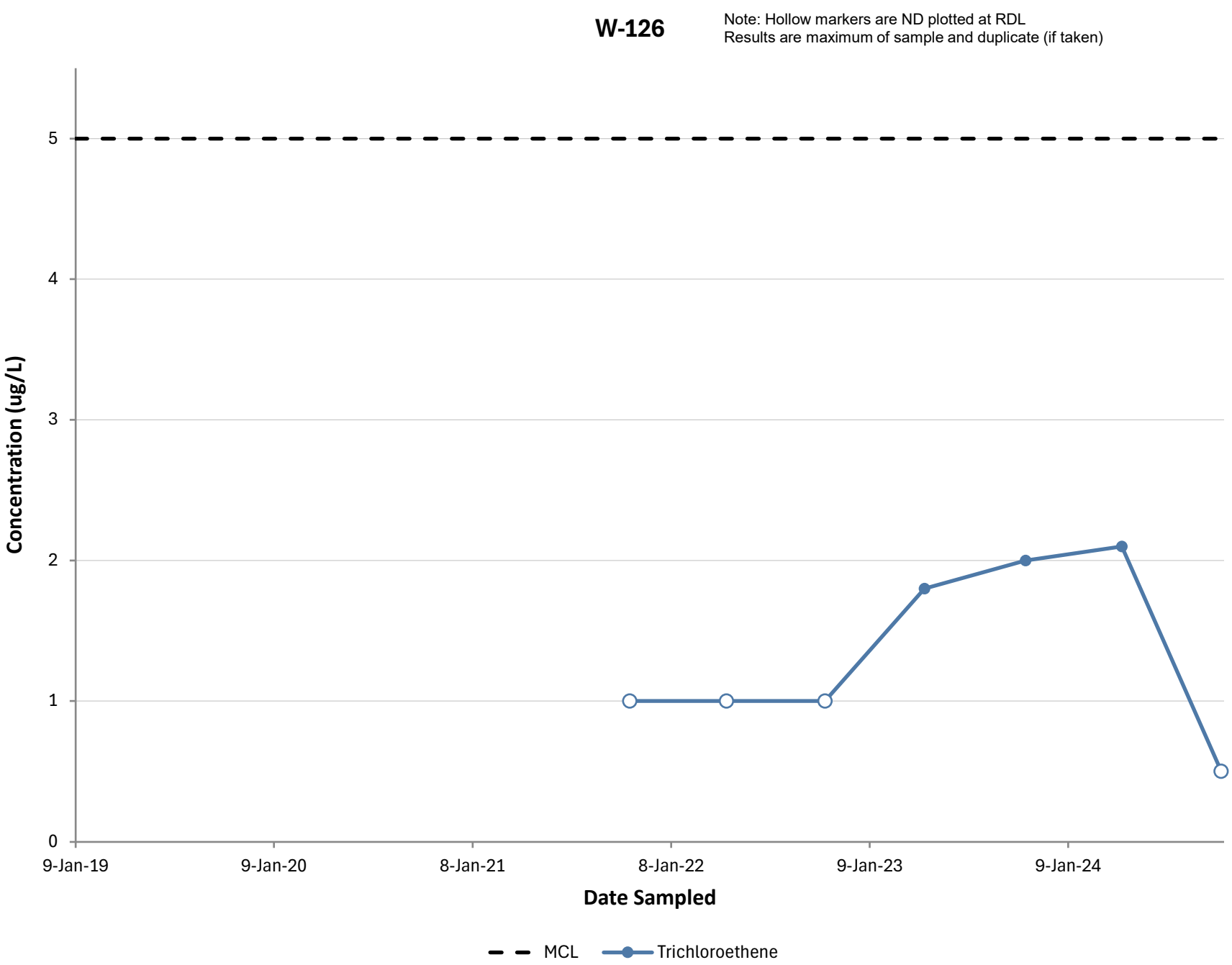

W-121
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

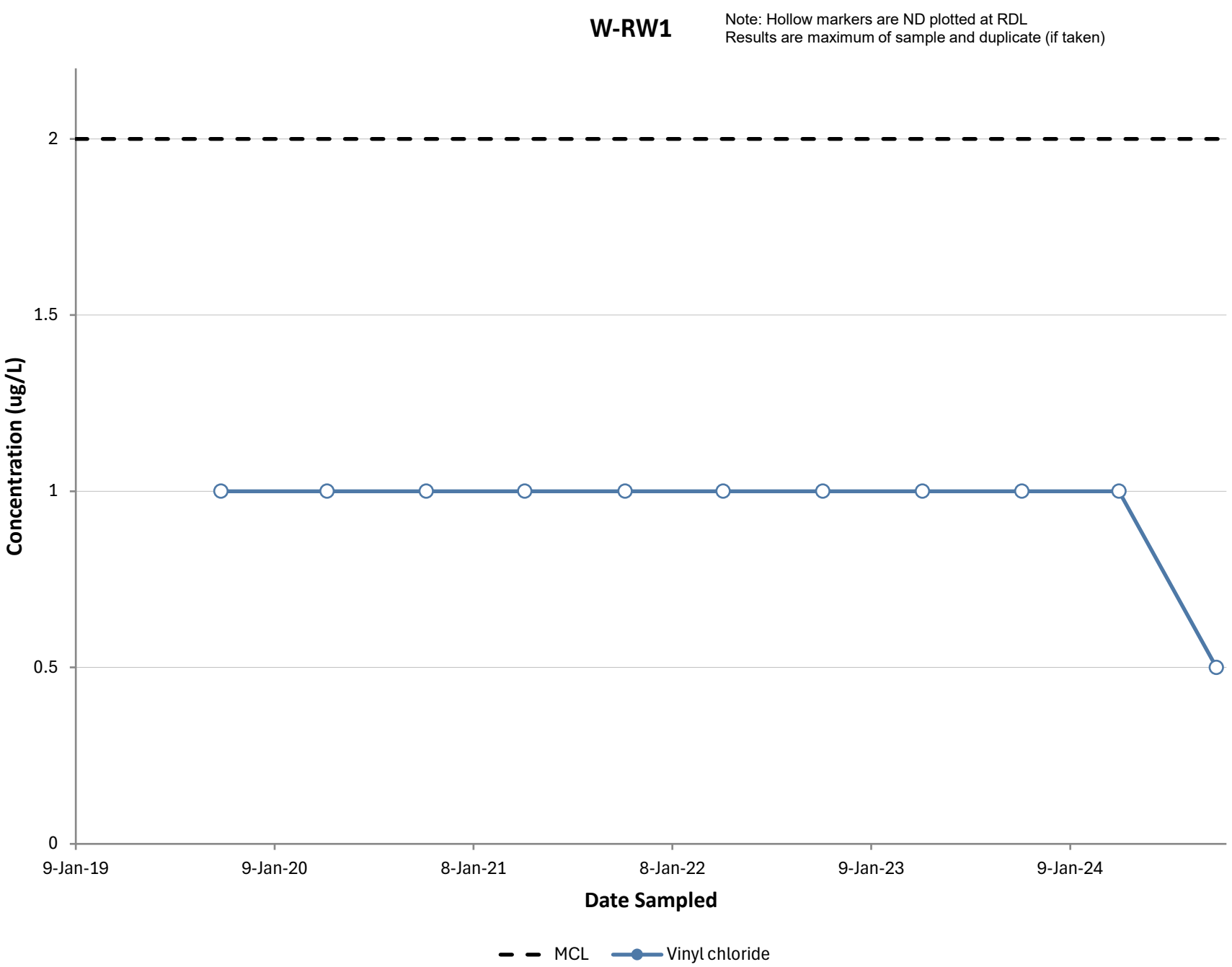

W-122
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

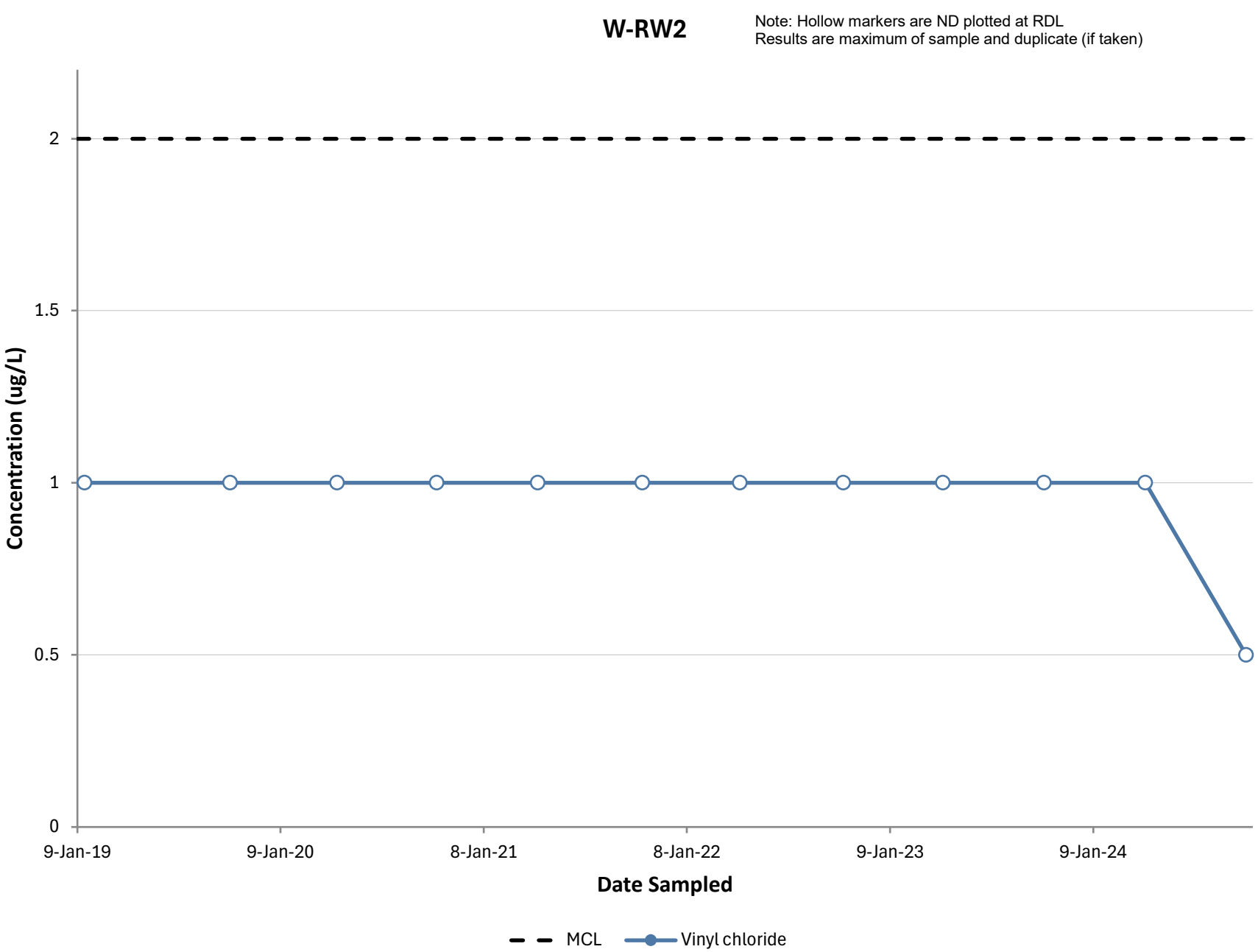

W-123
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
12
10
8
6
4
2
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

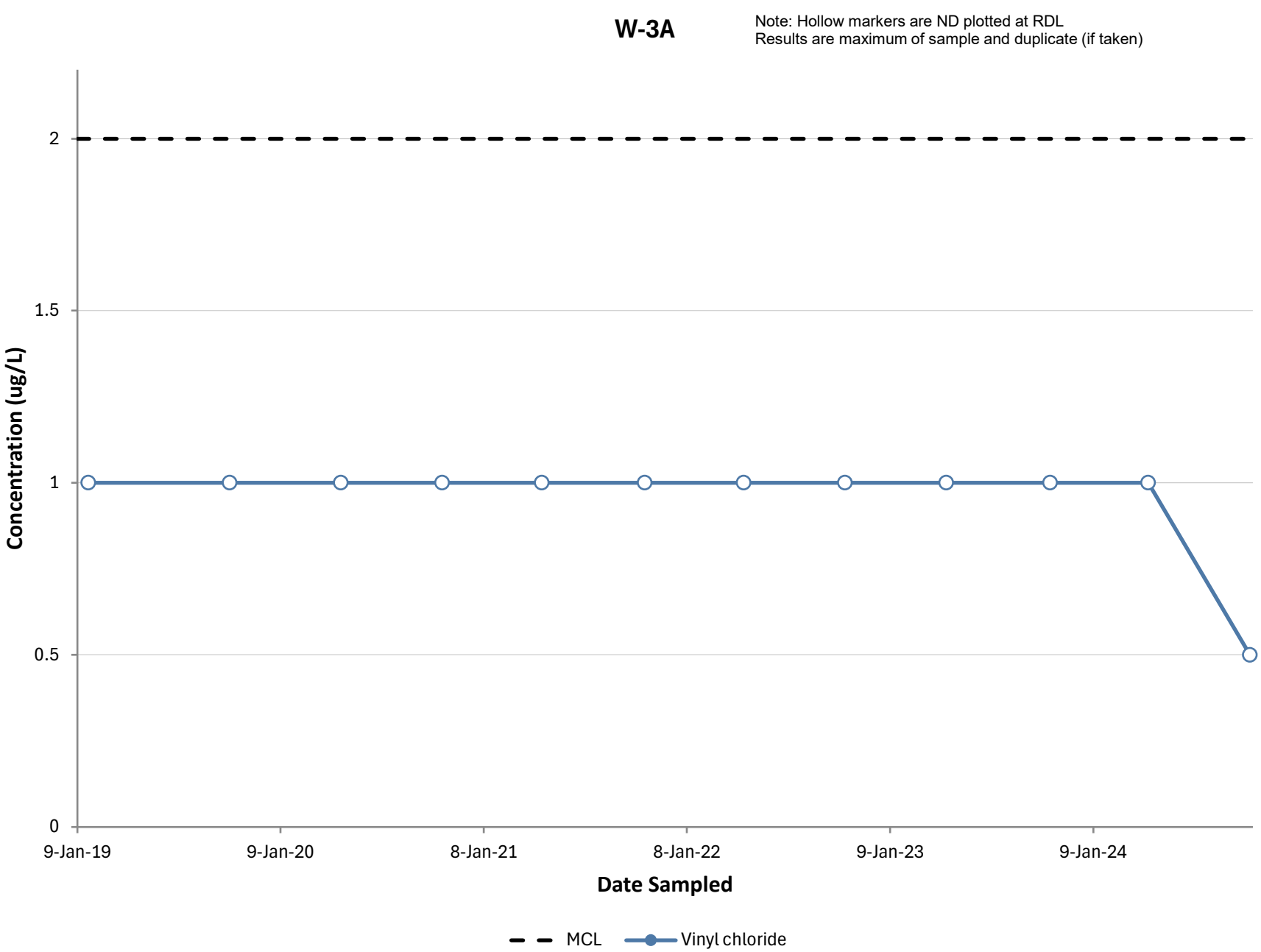

W-124
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

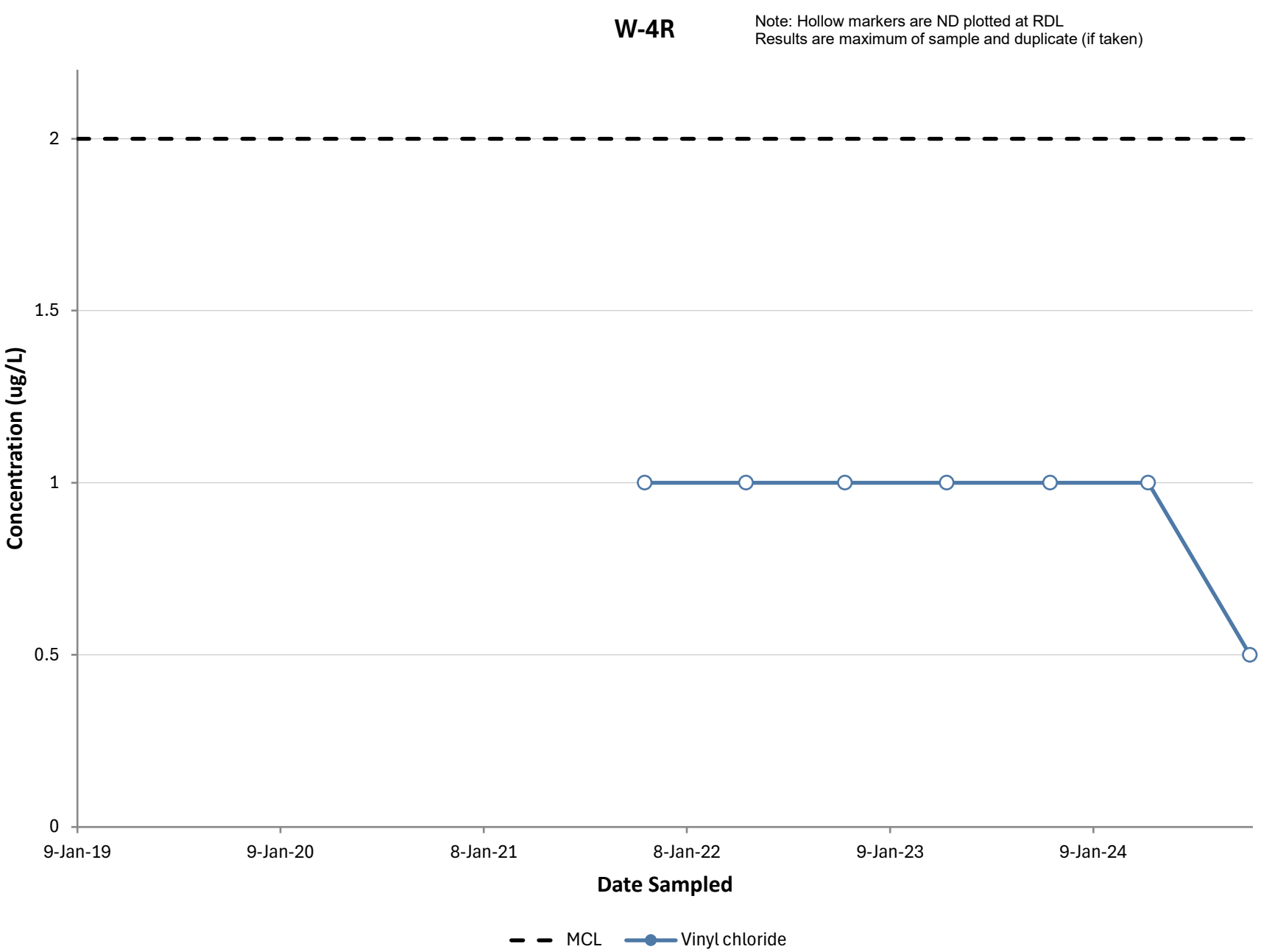

W-125
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

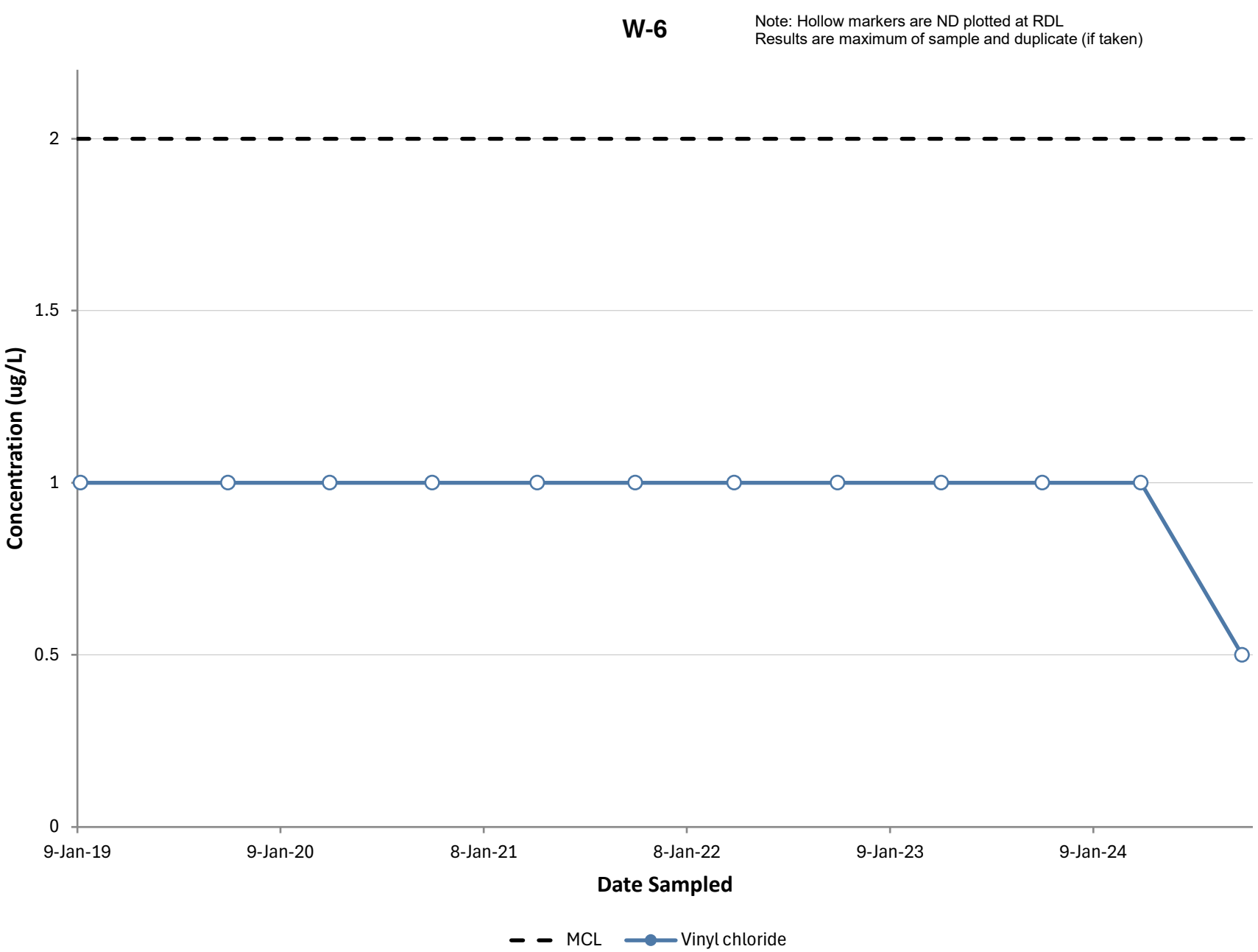

W-126
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
5
4
3
2
1
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Trichloroethene

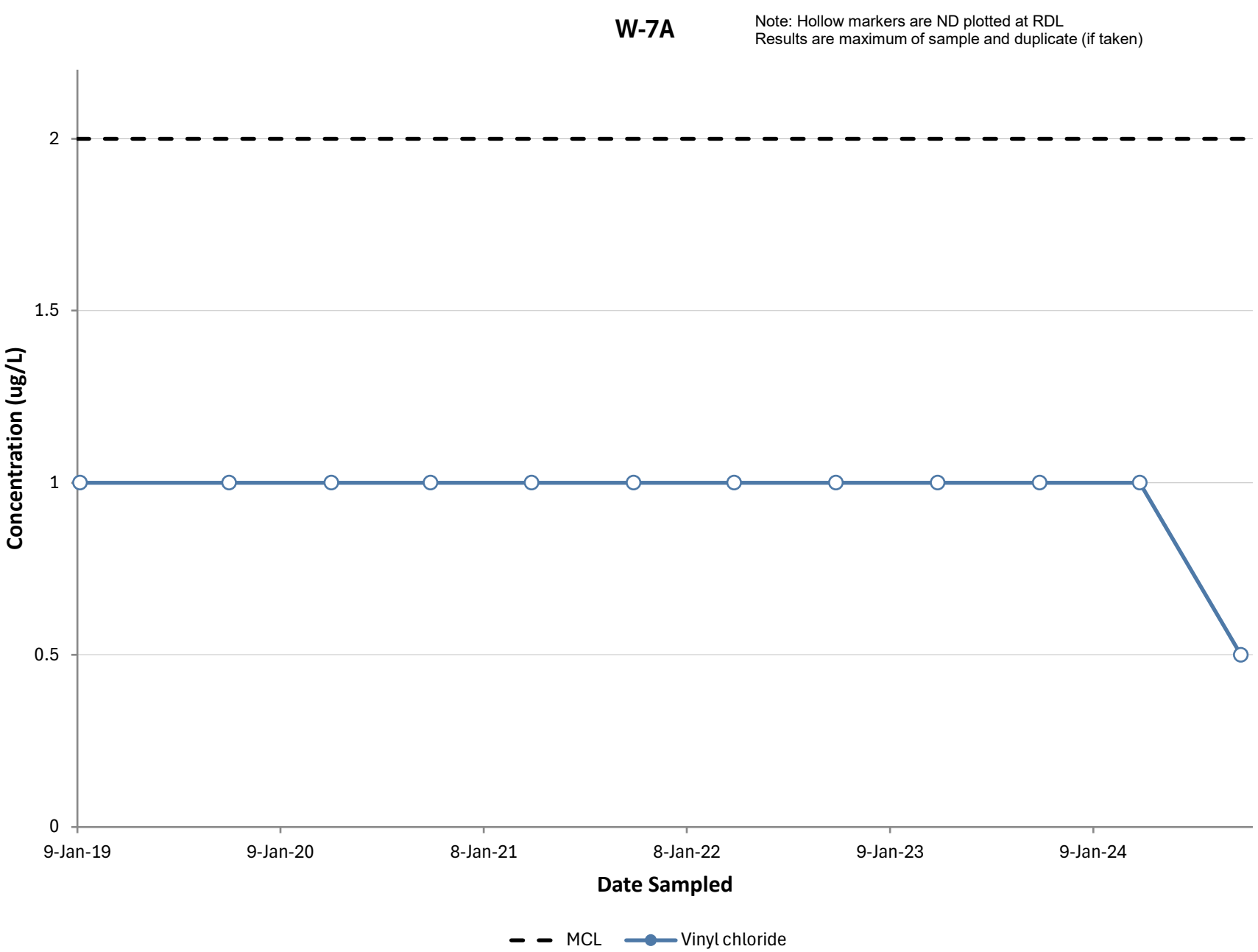

W-RW1
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
2
1.5
1
0.5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

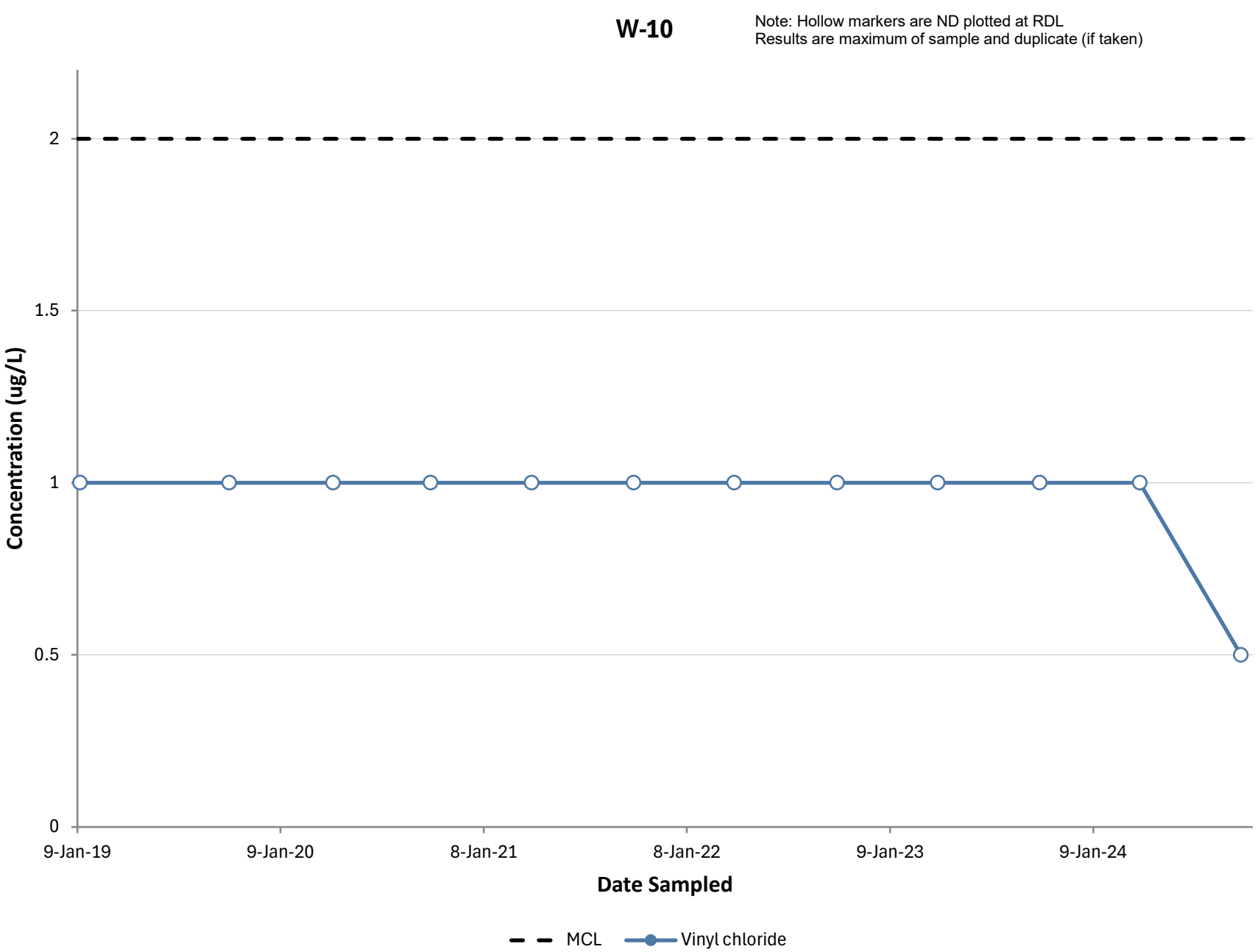

W-RW2
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

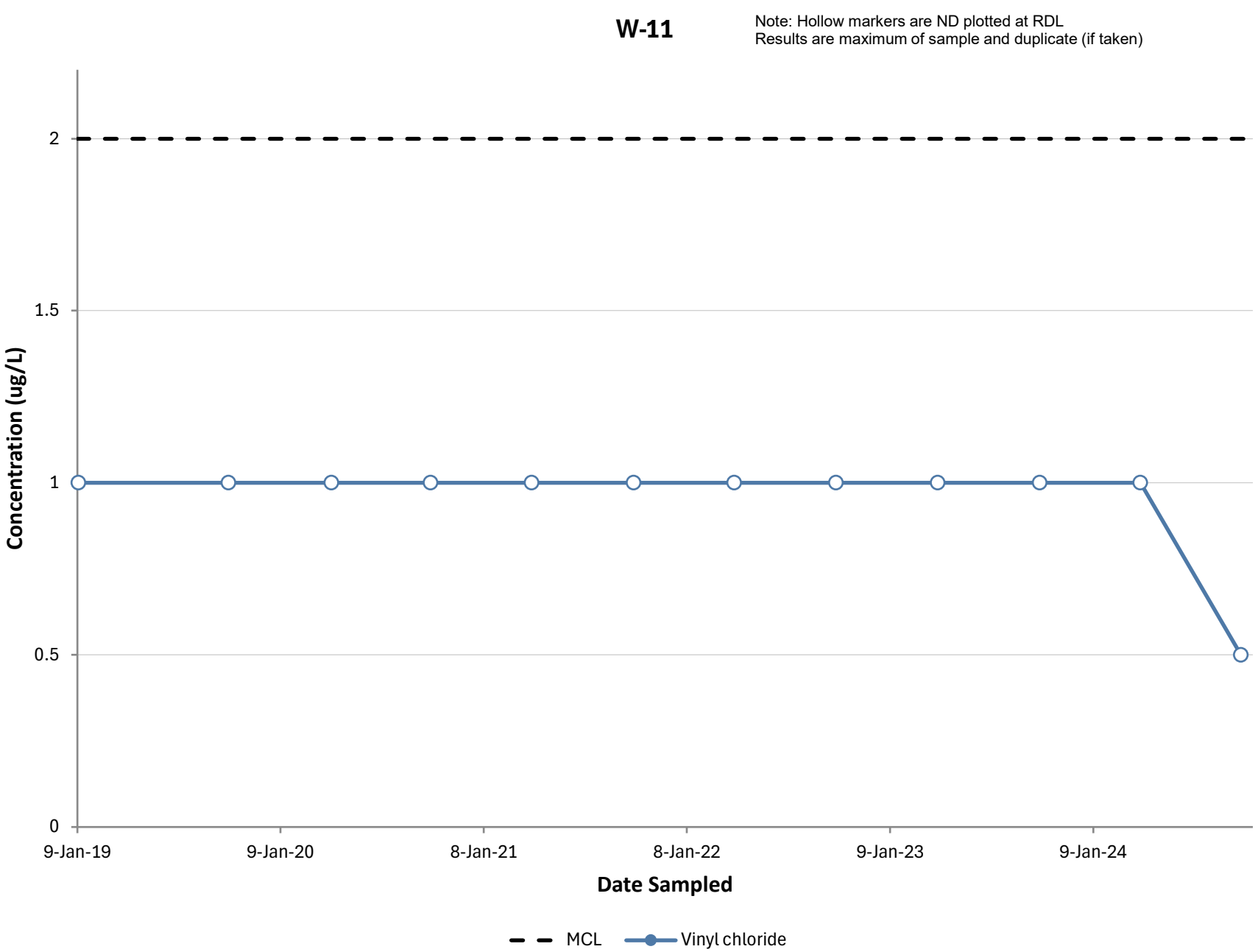

W-3A
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

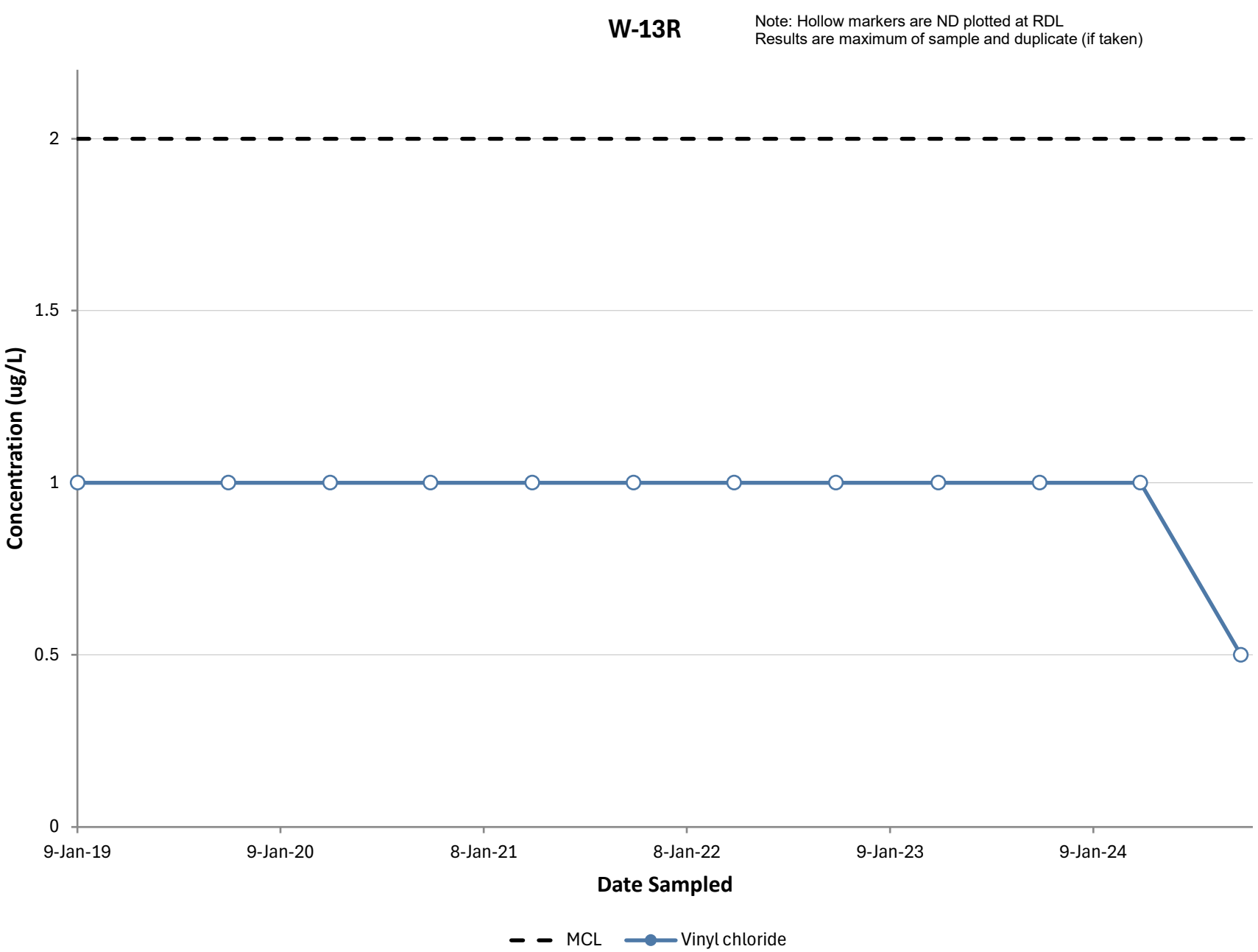

W-4R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

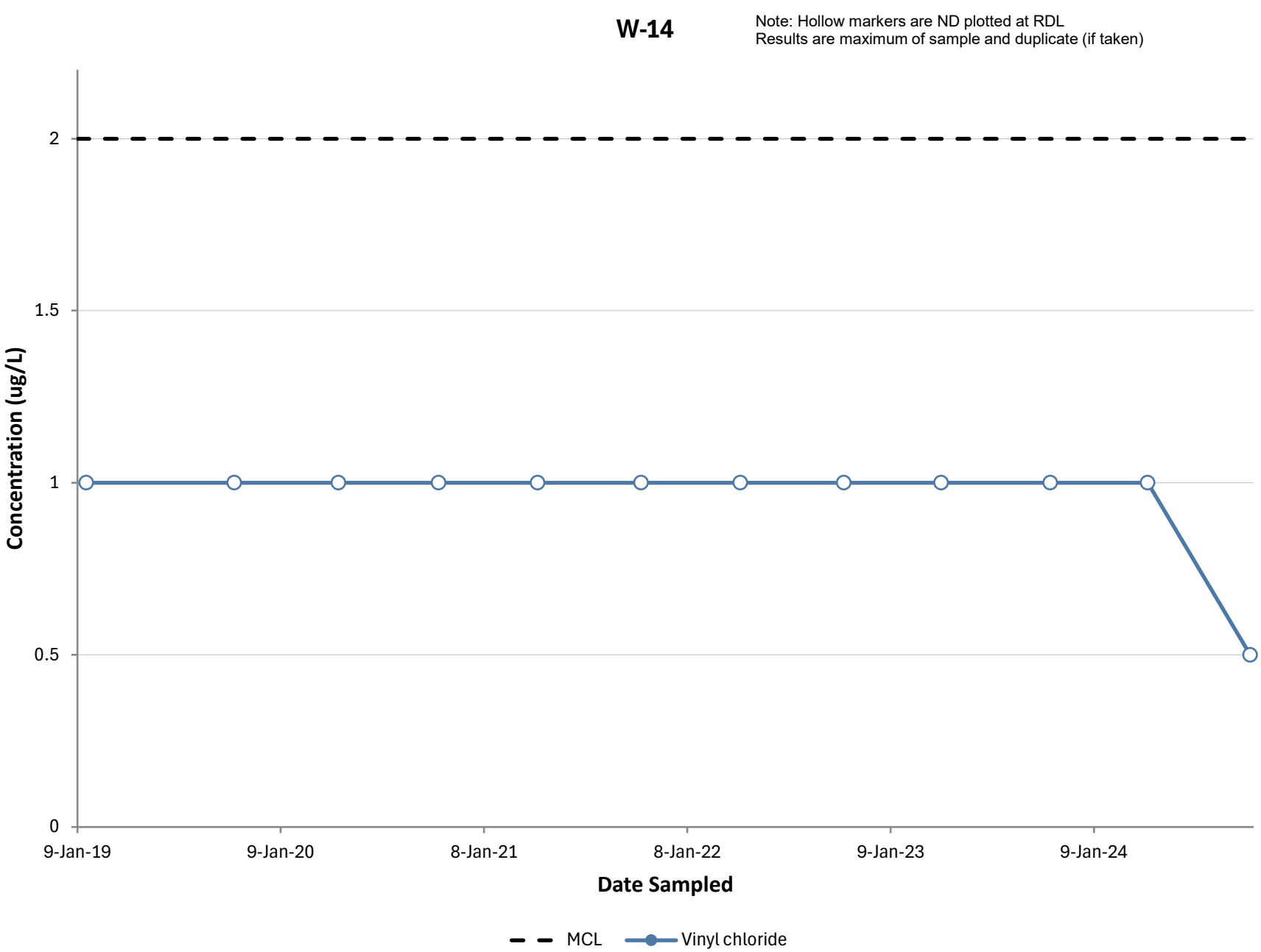

W-6
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

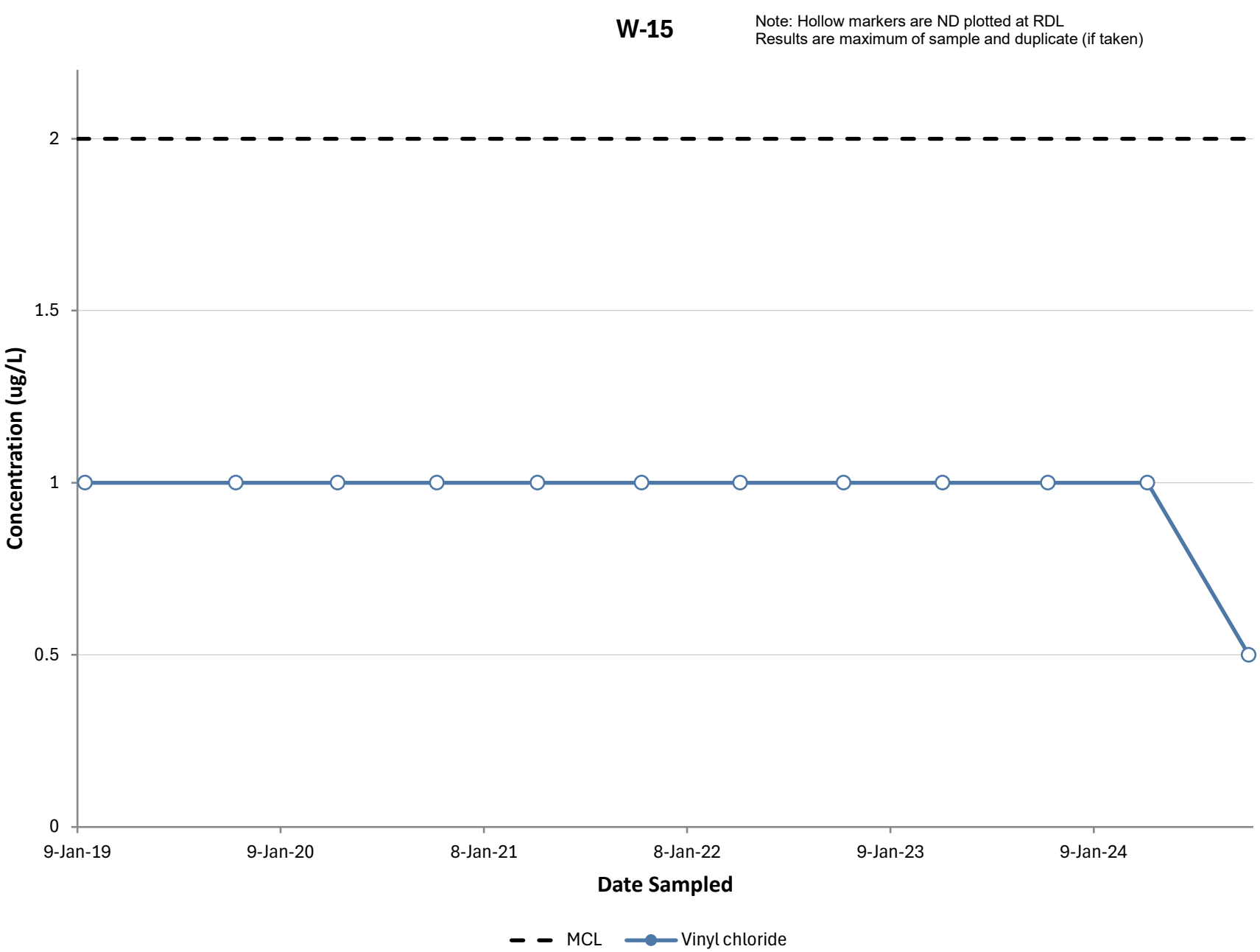

W-7A
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

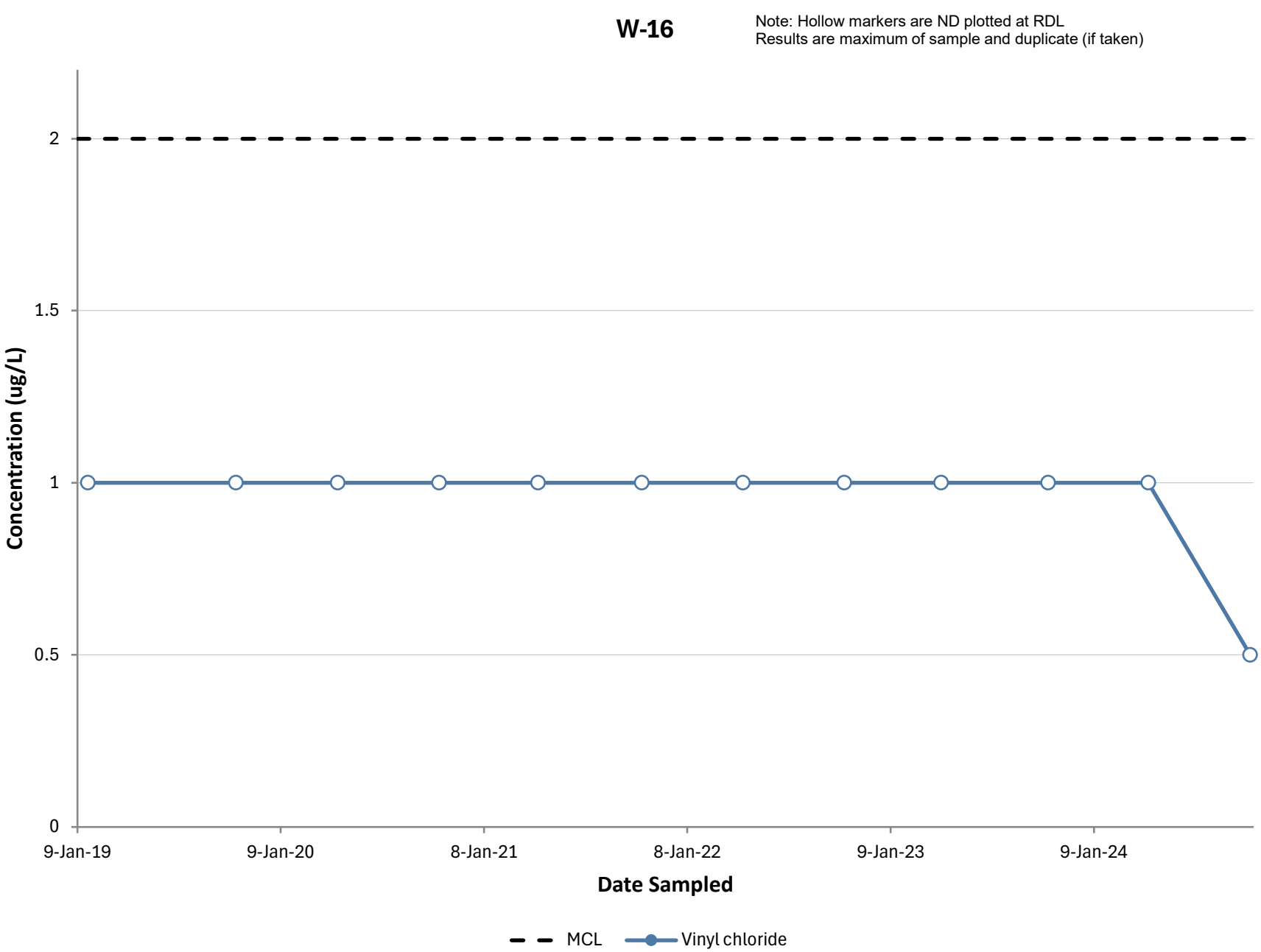

W-10
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

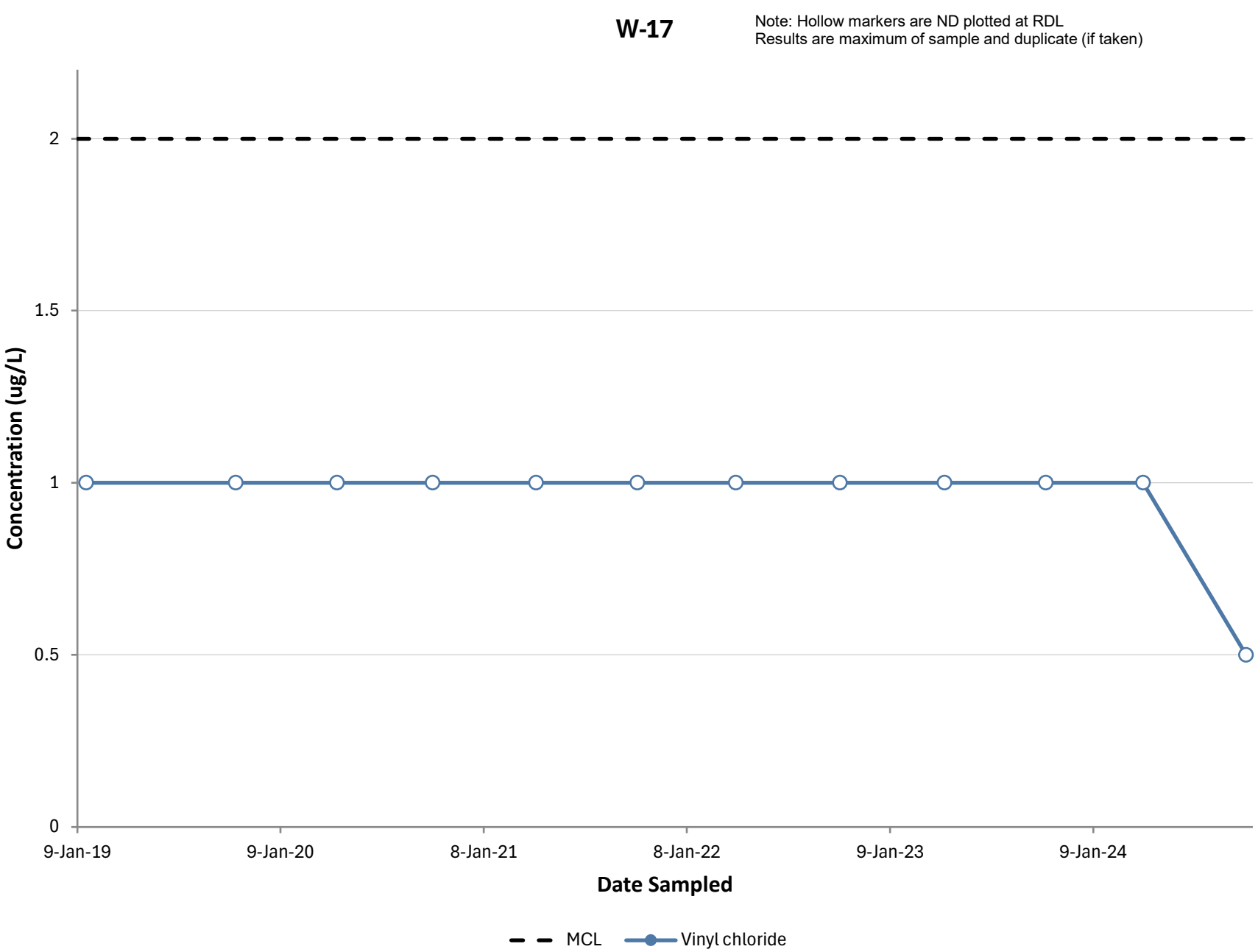

W-11
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

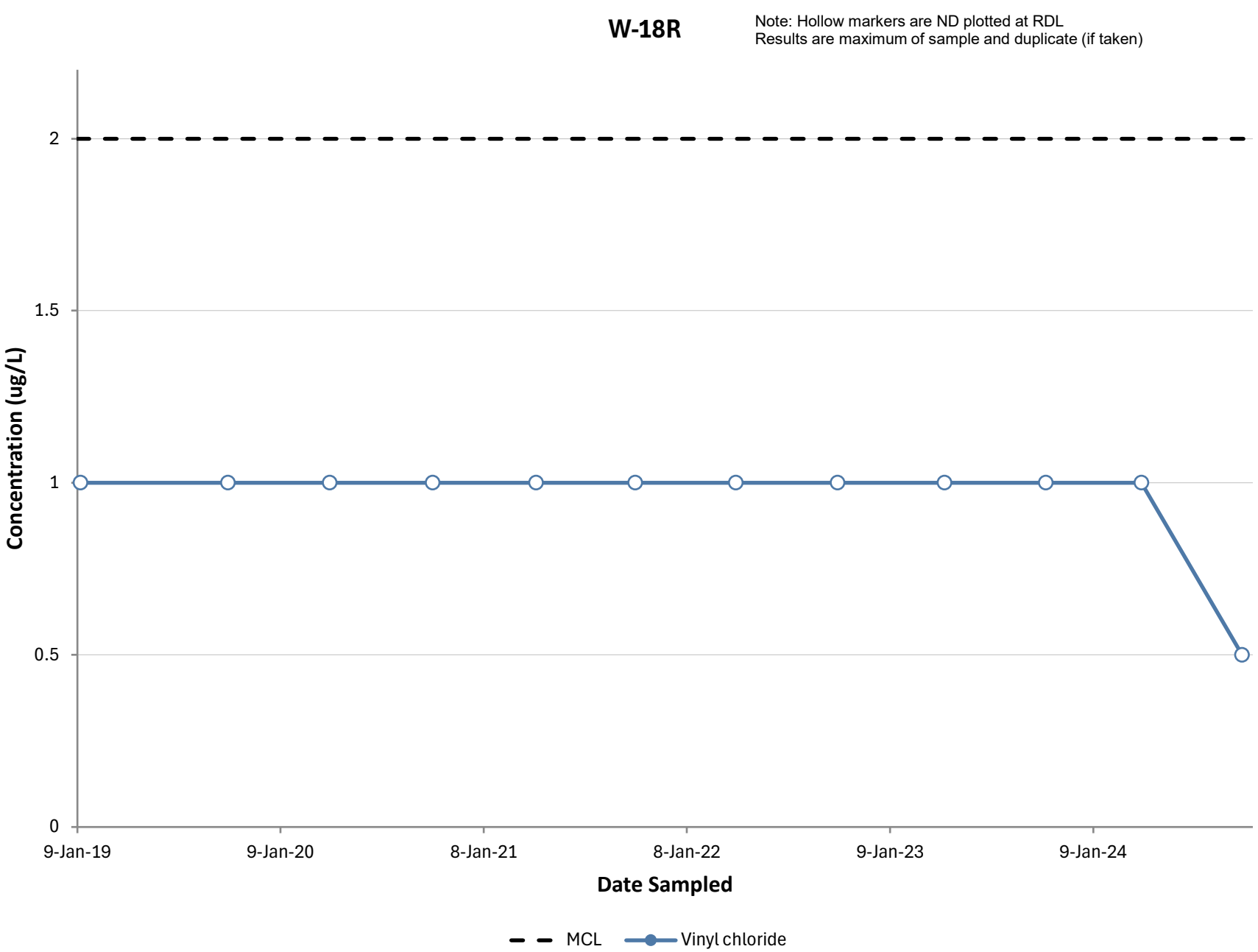

W-13R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

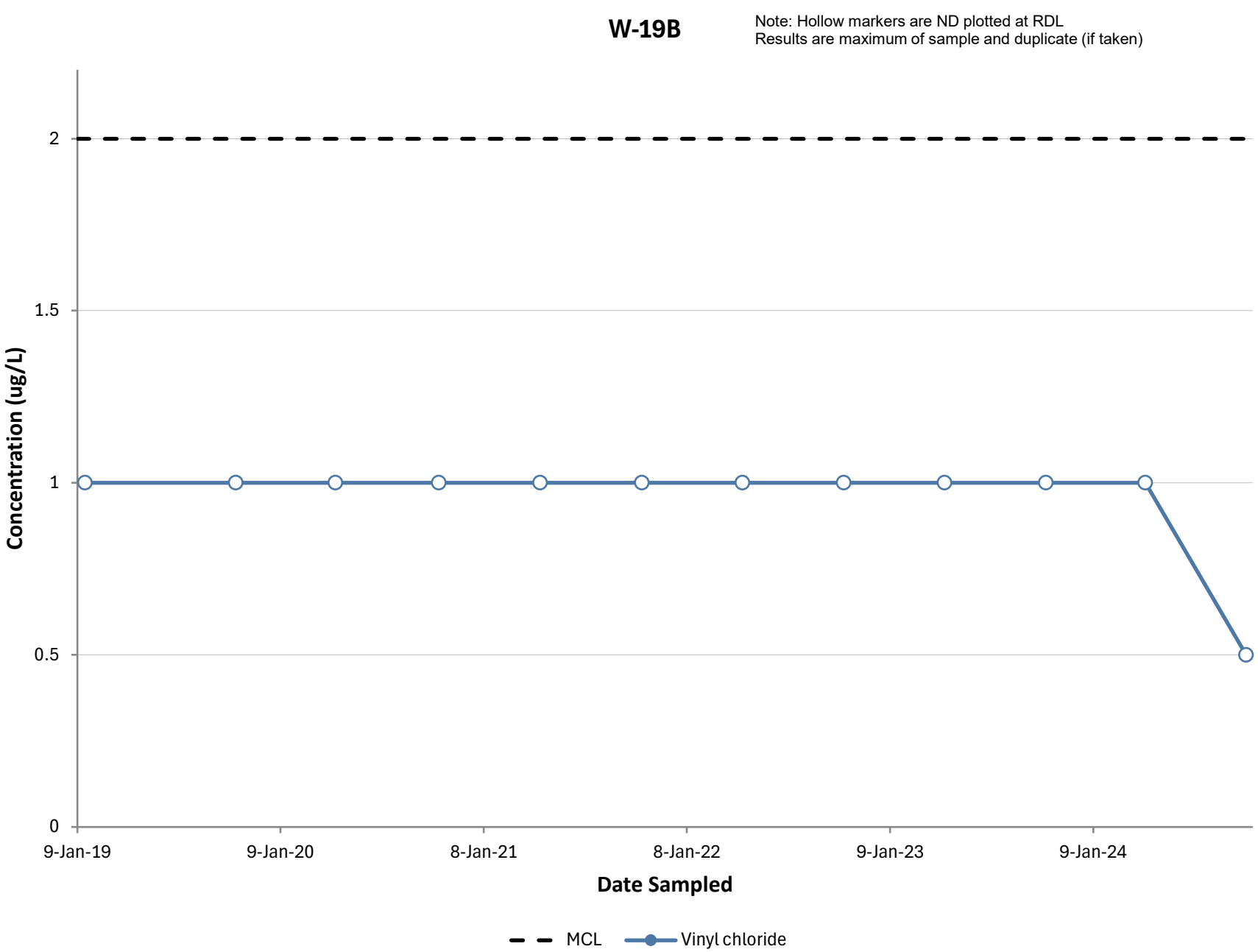

W-14
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

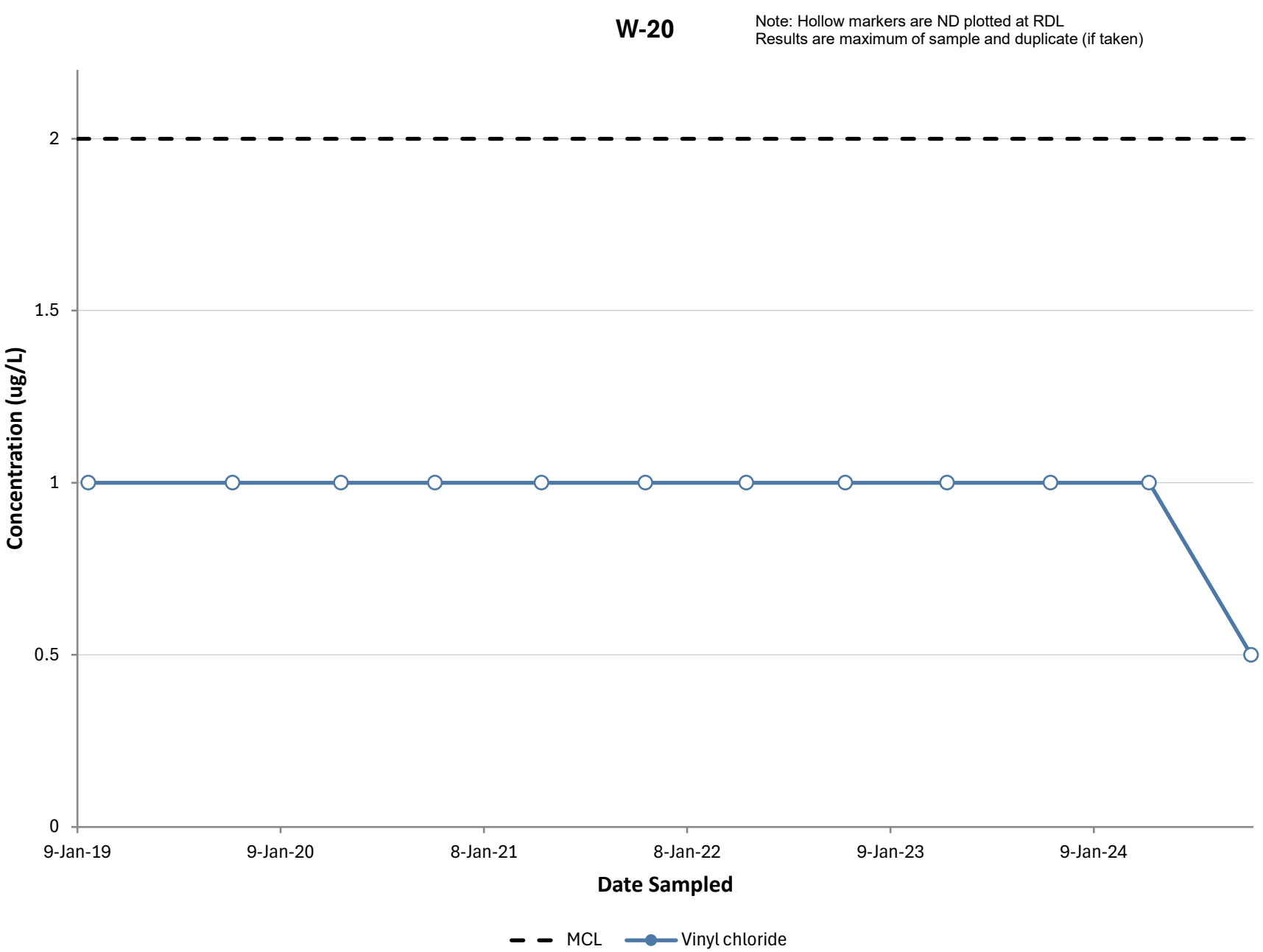

W-15
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

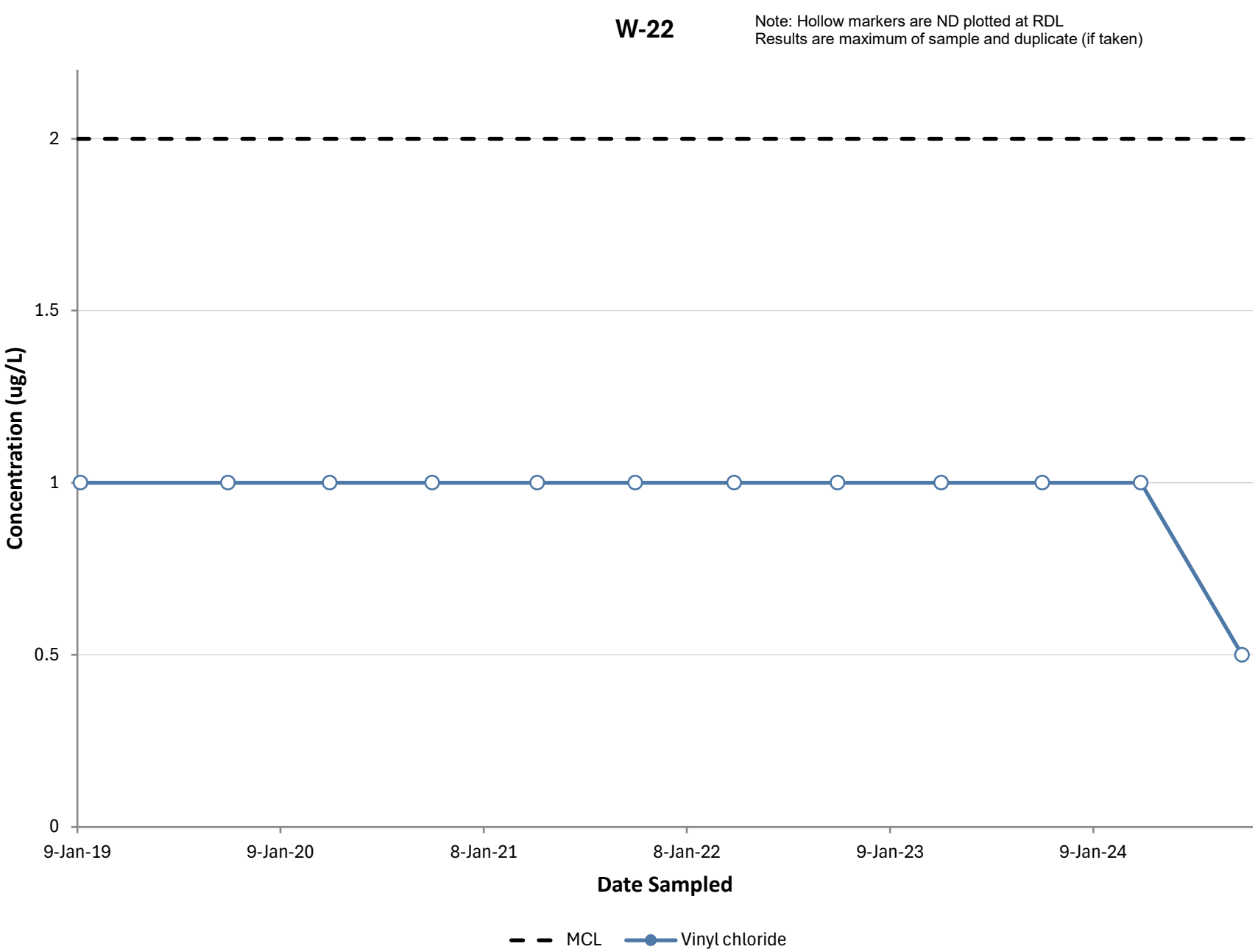

W-16
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

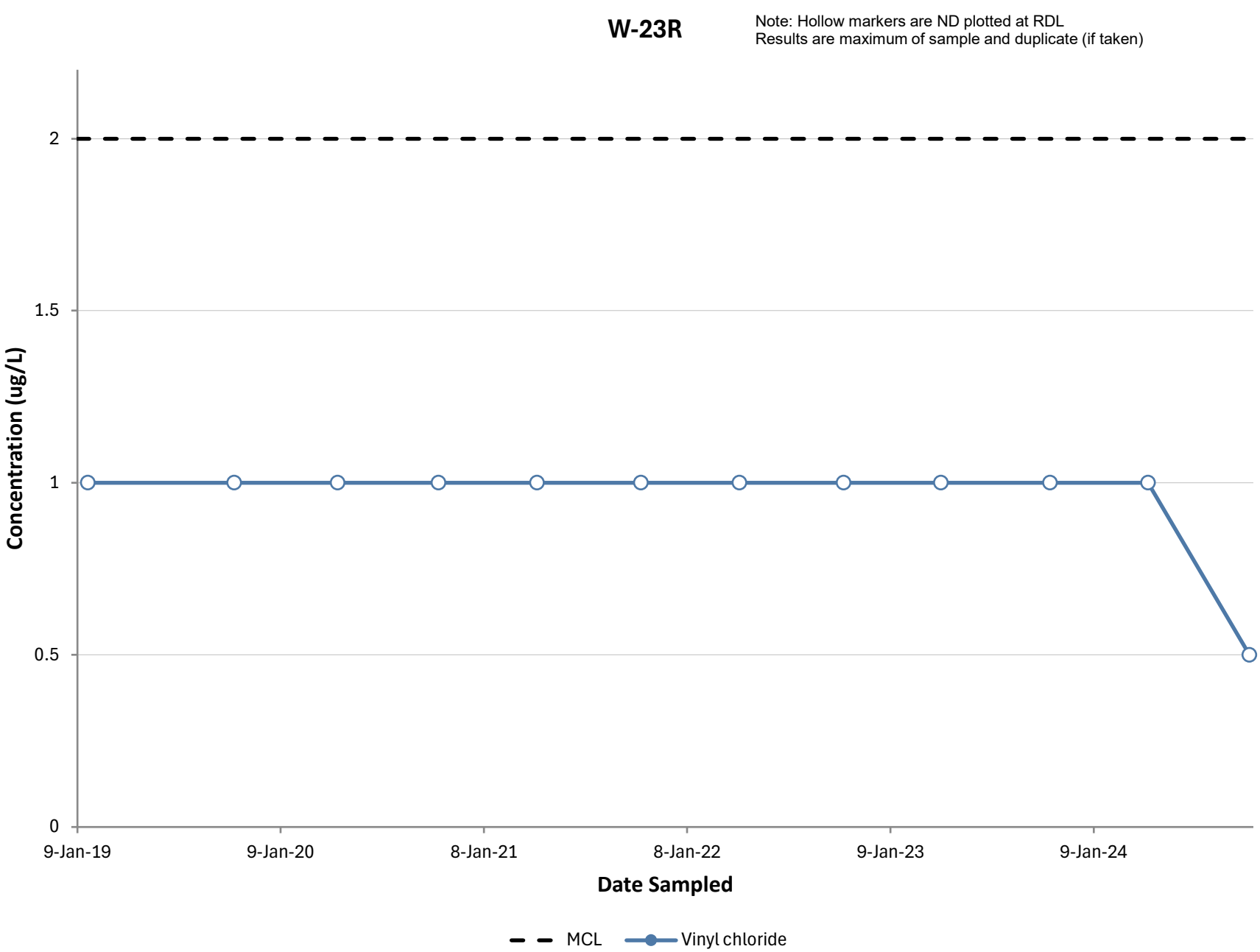

W-17
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

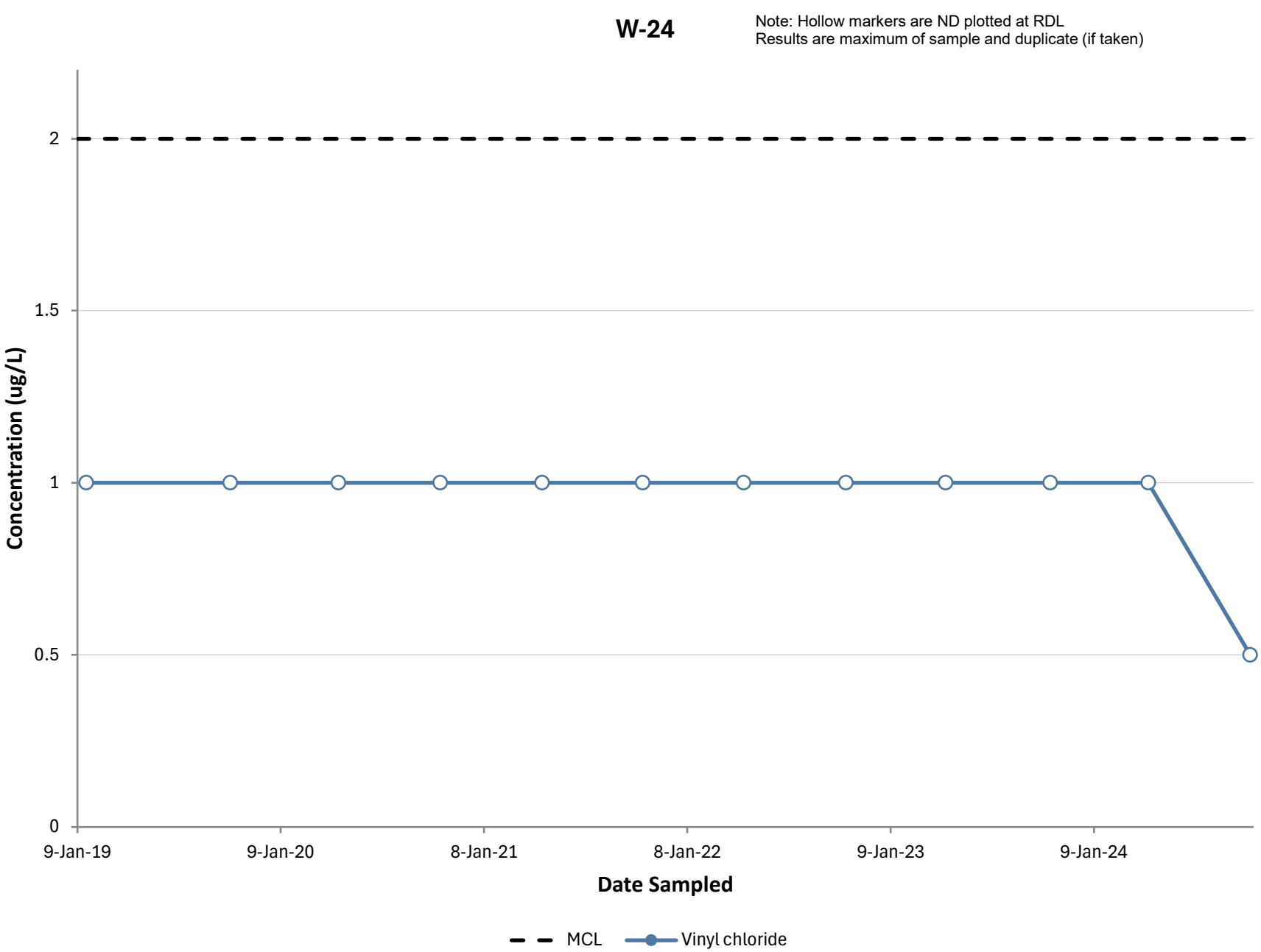

W-18R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride


W-19B
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride


W-20
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
2
1.5
1
0.5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

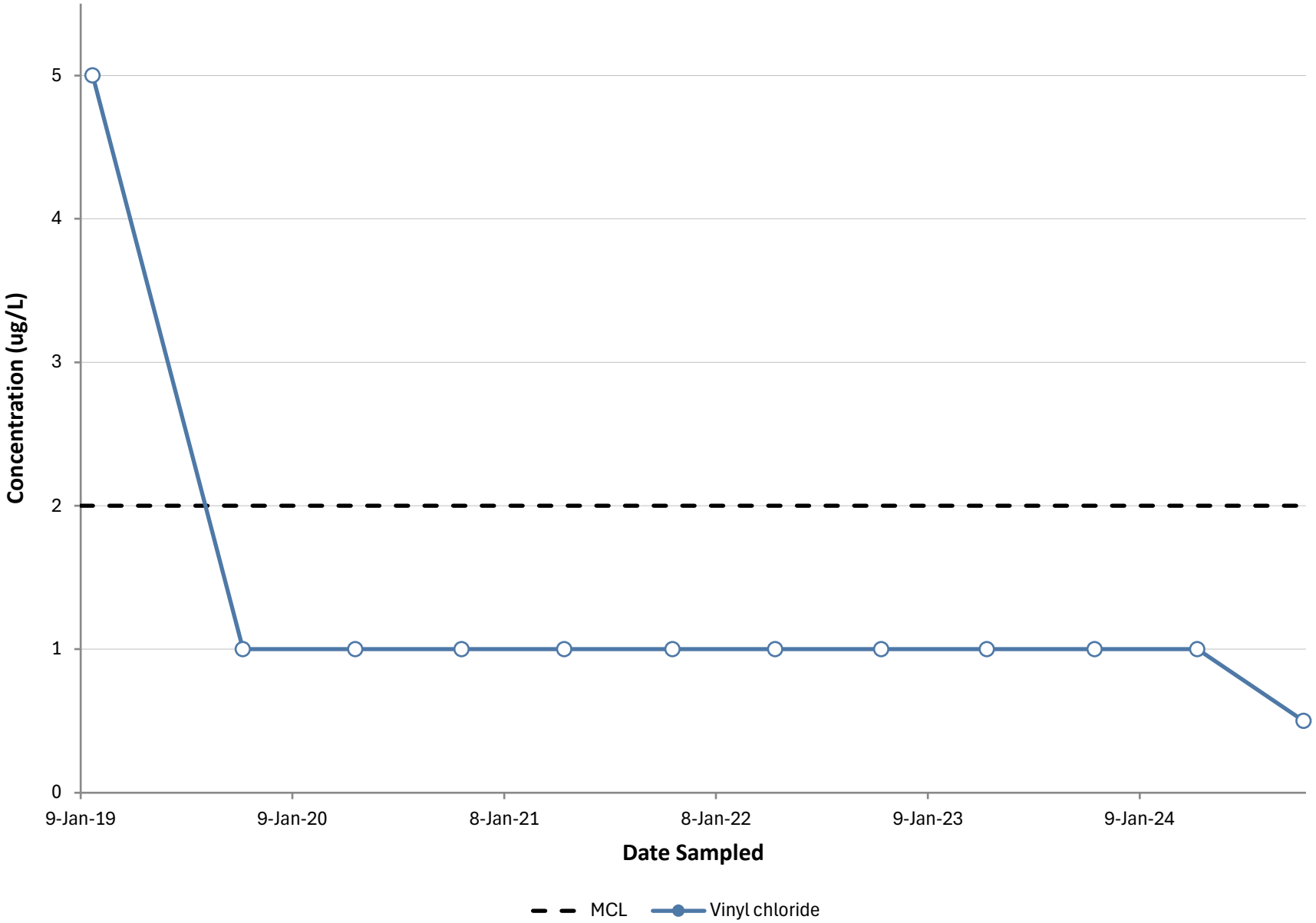

W-22
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

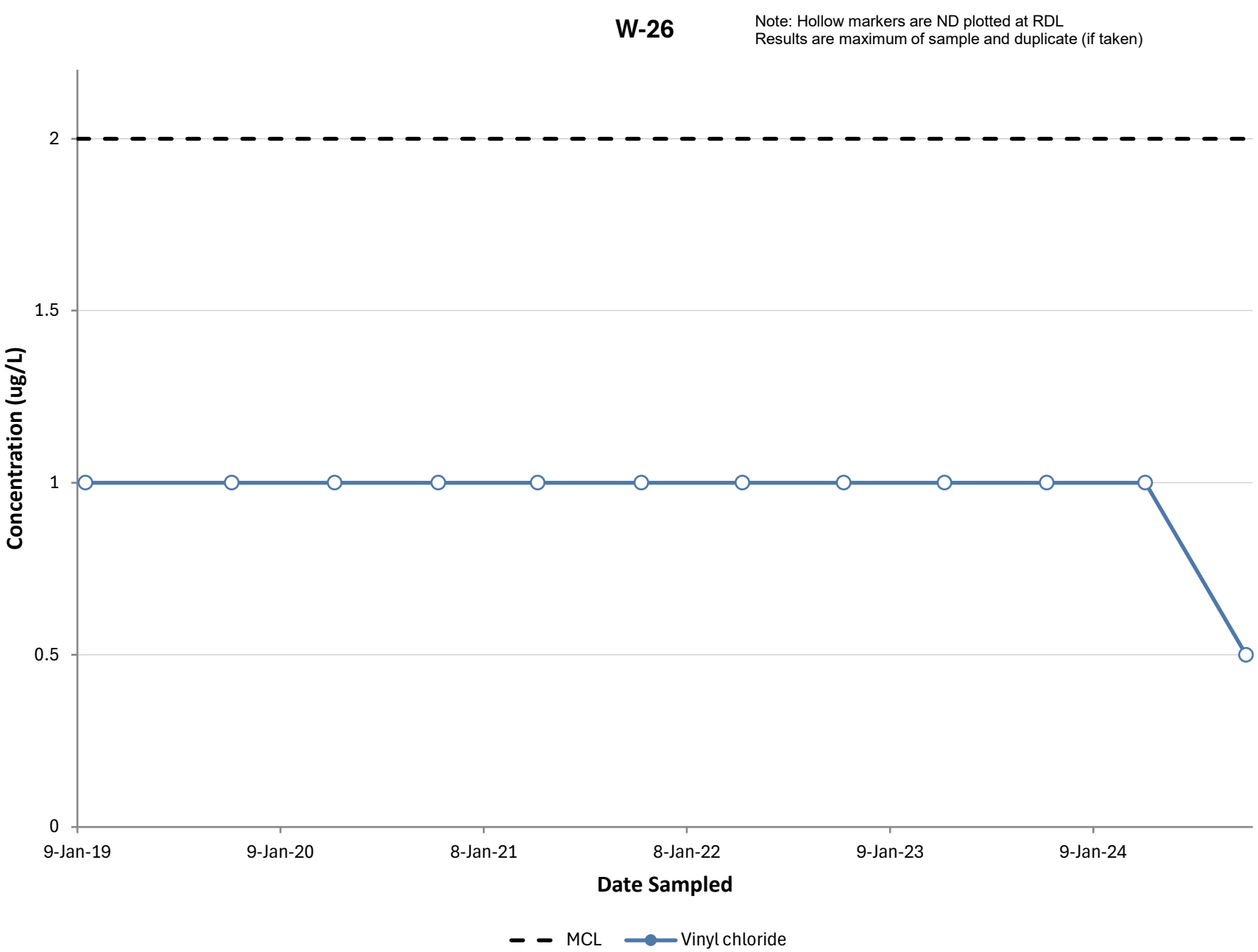

W-23R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

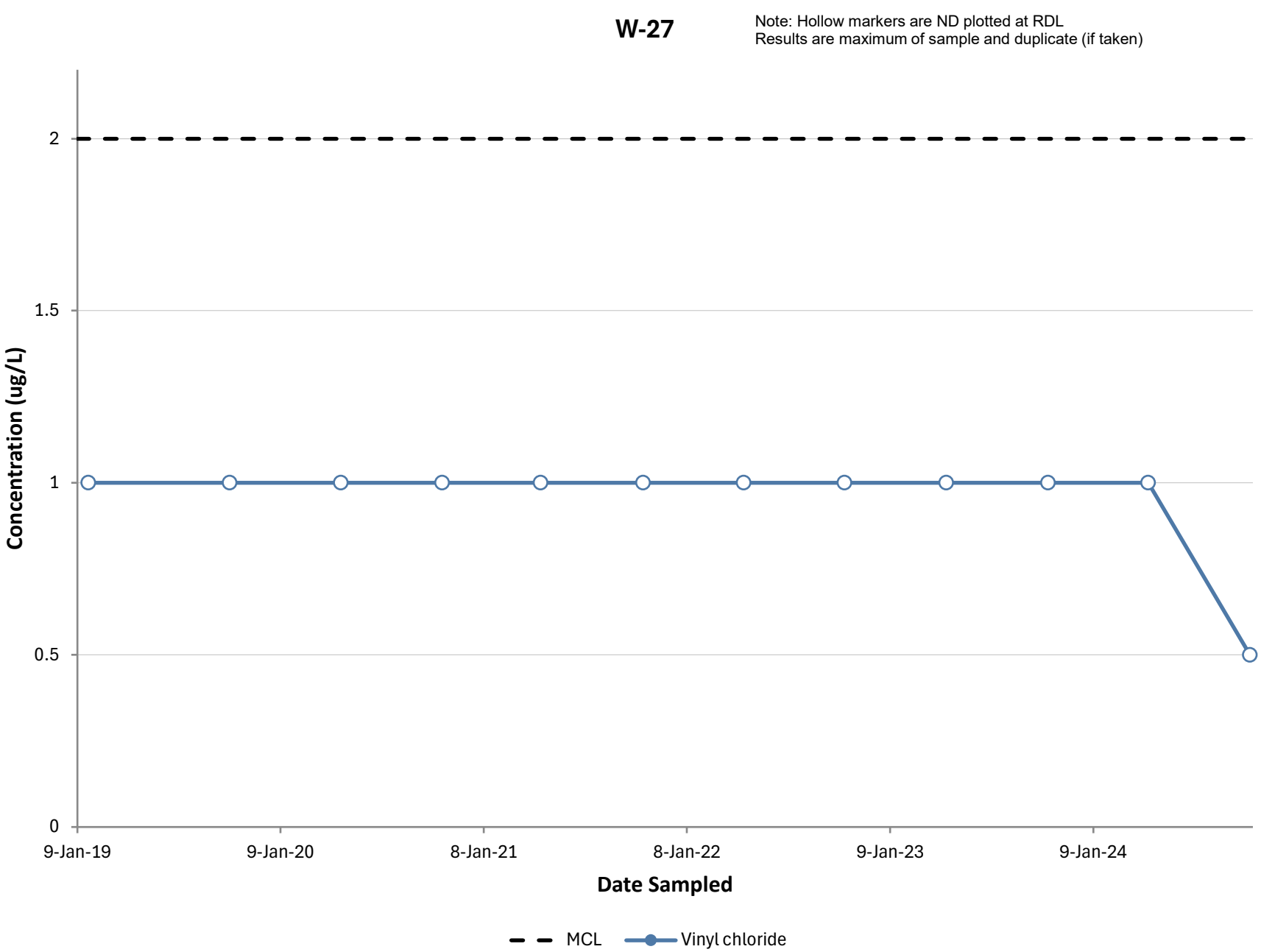

W-24
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

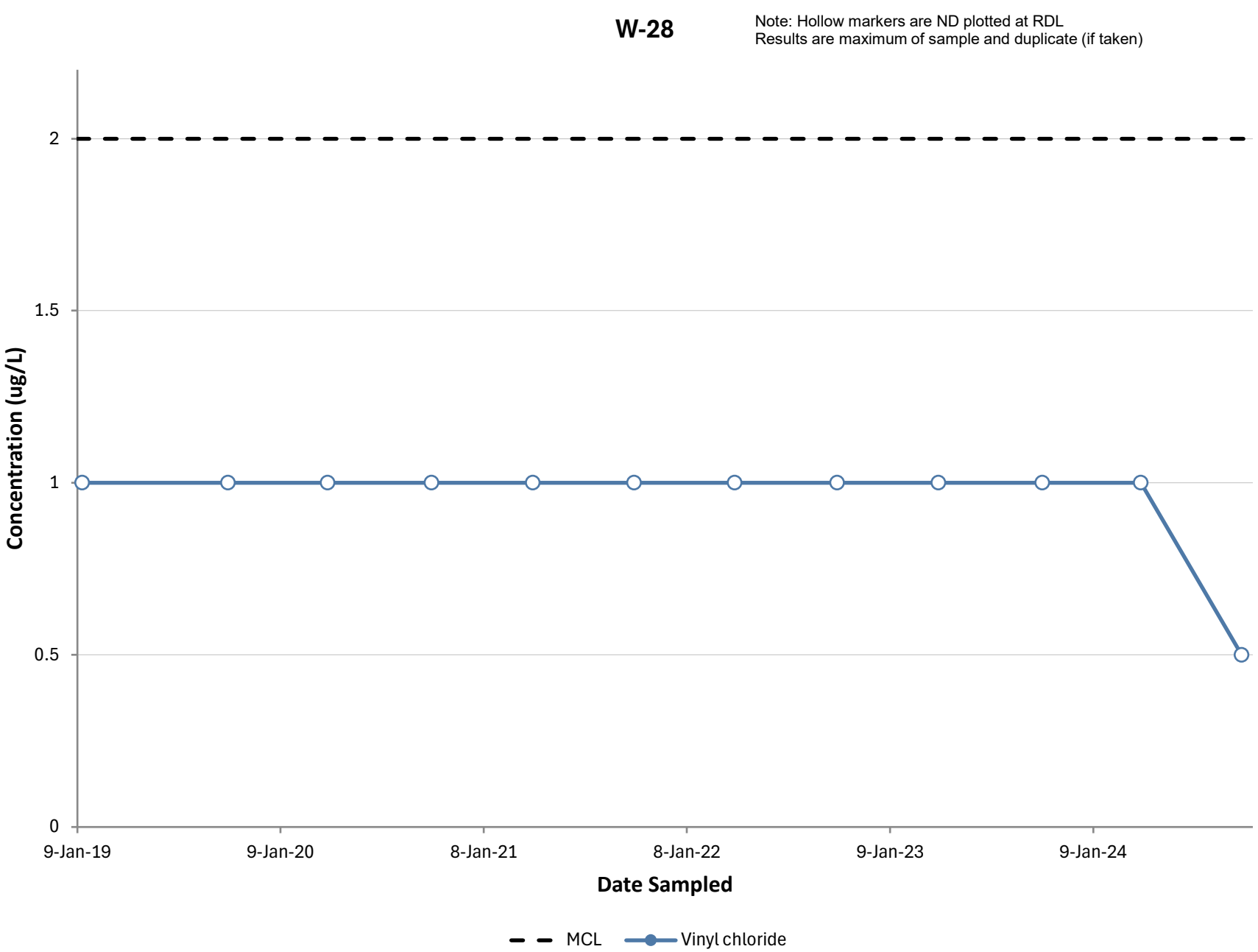
W-25

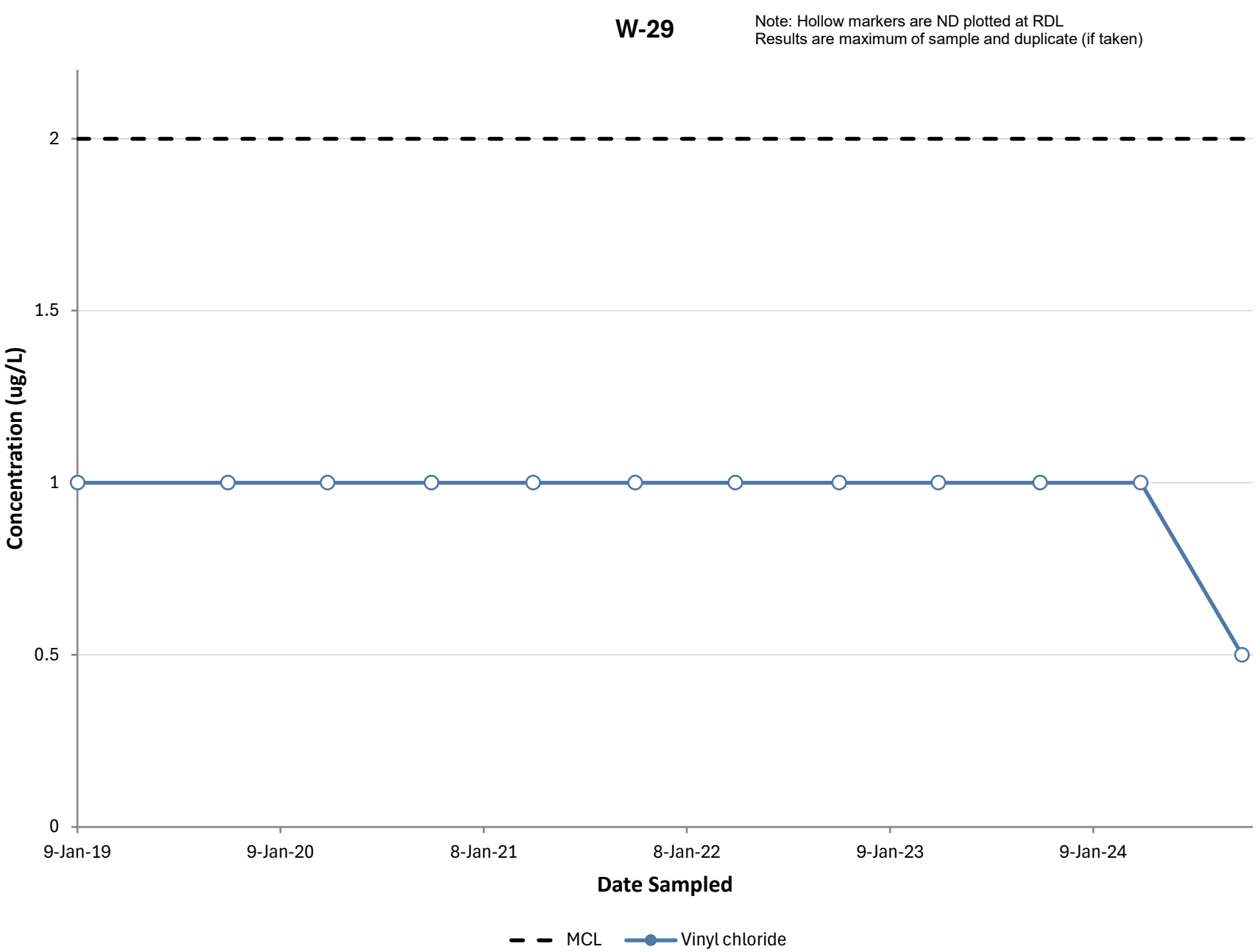
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

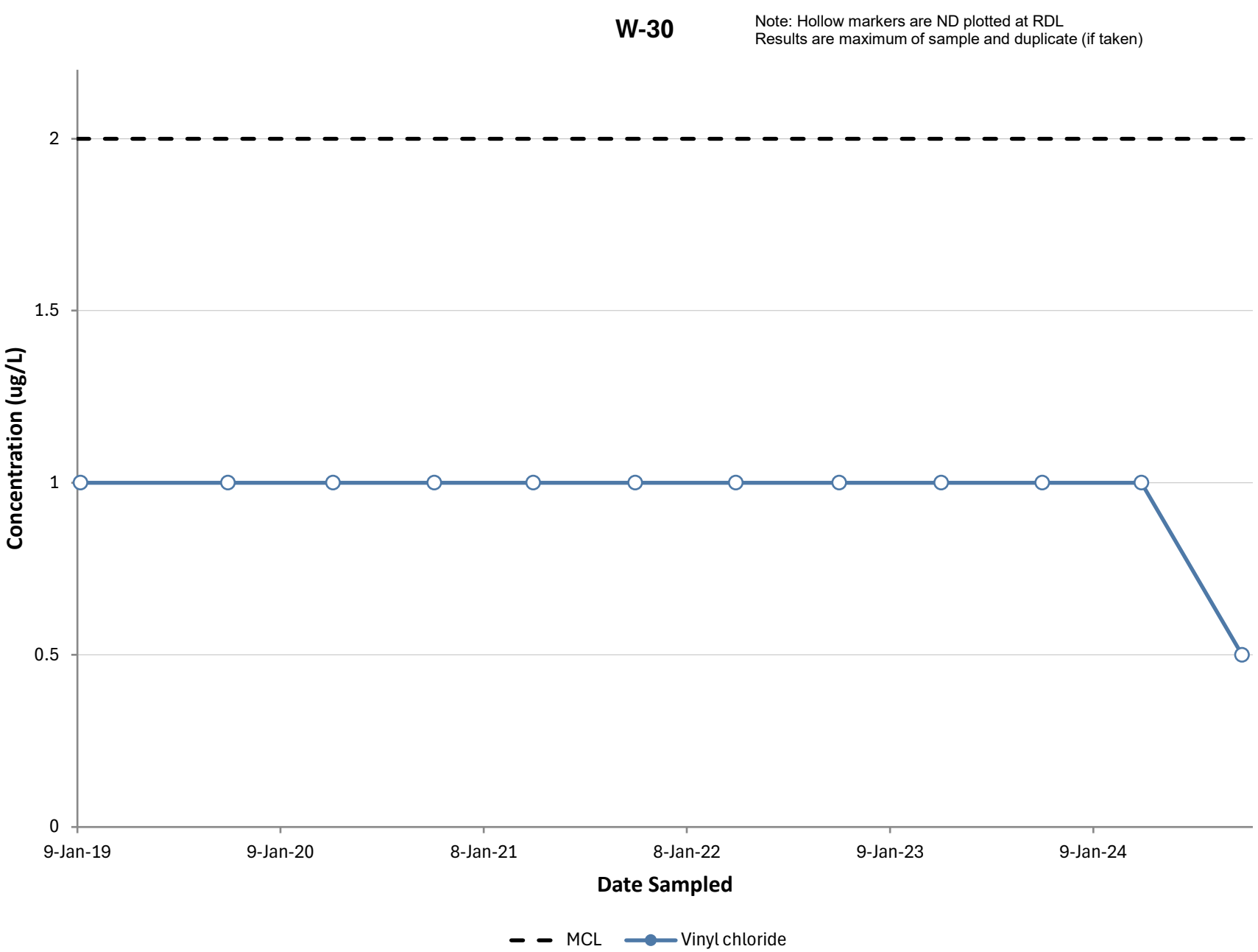


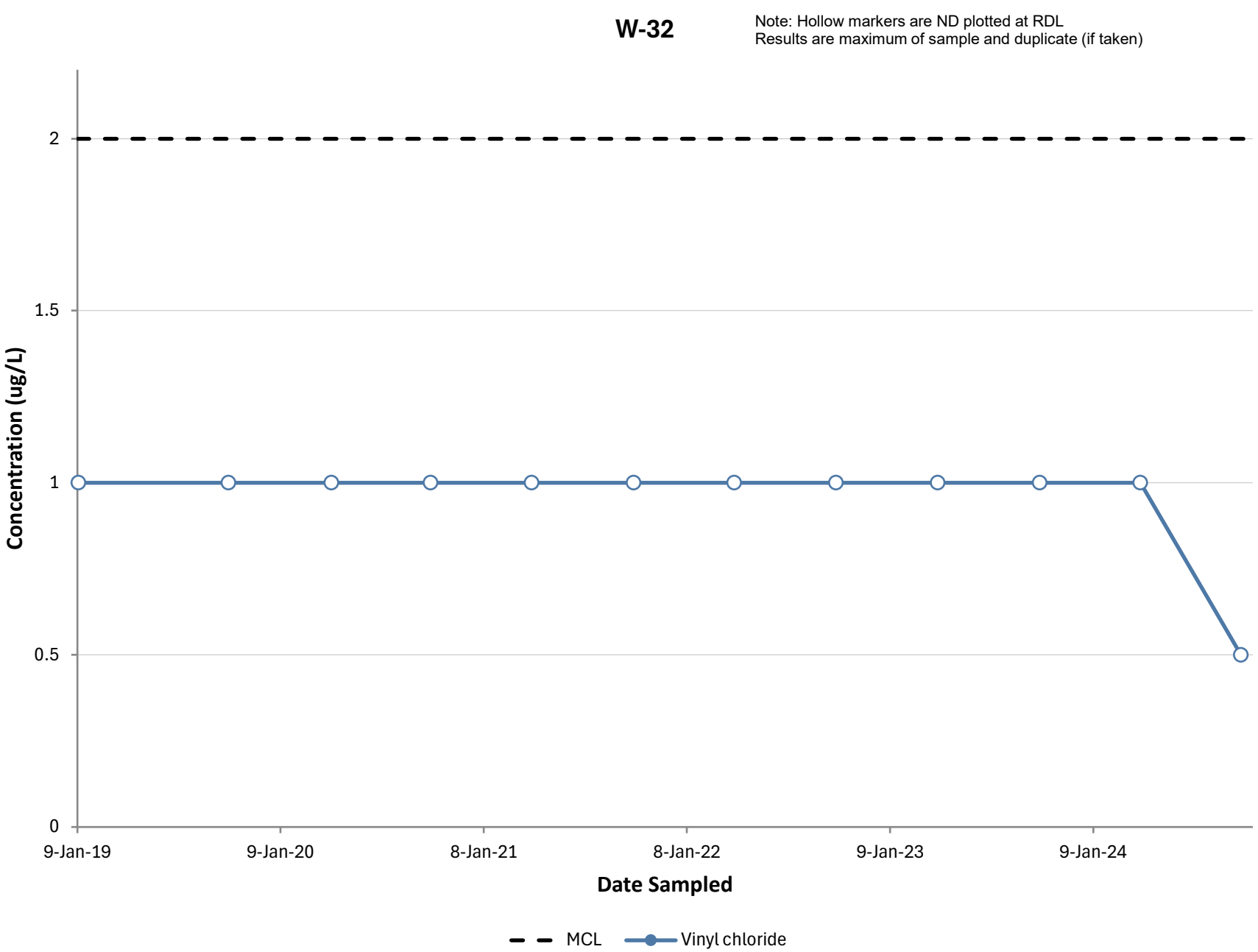

W-26
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

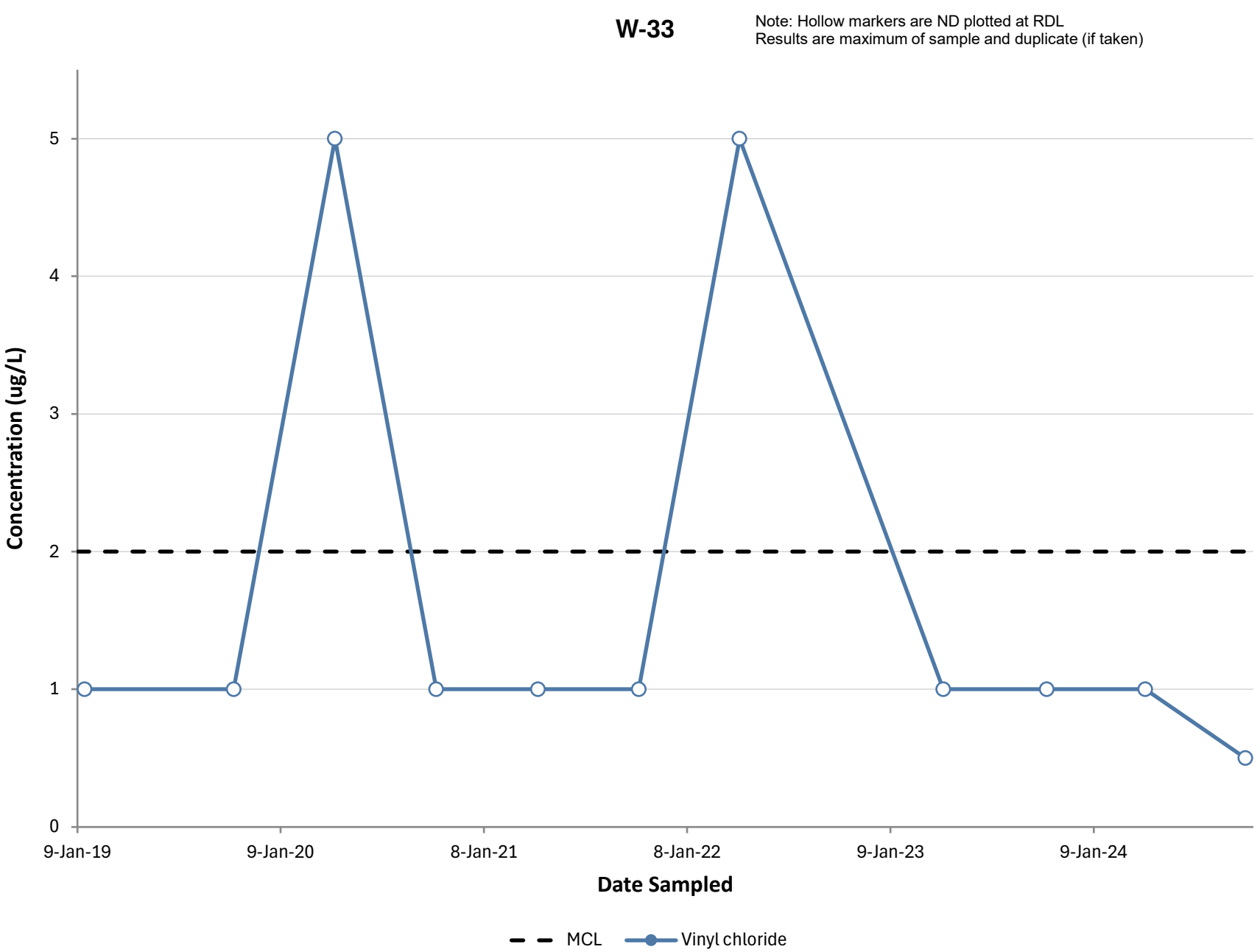

W-27
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

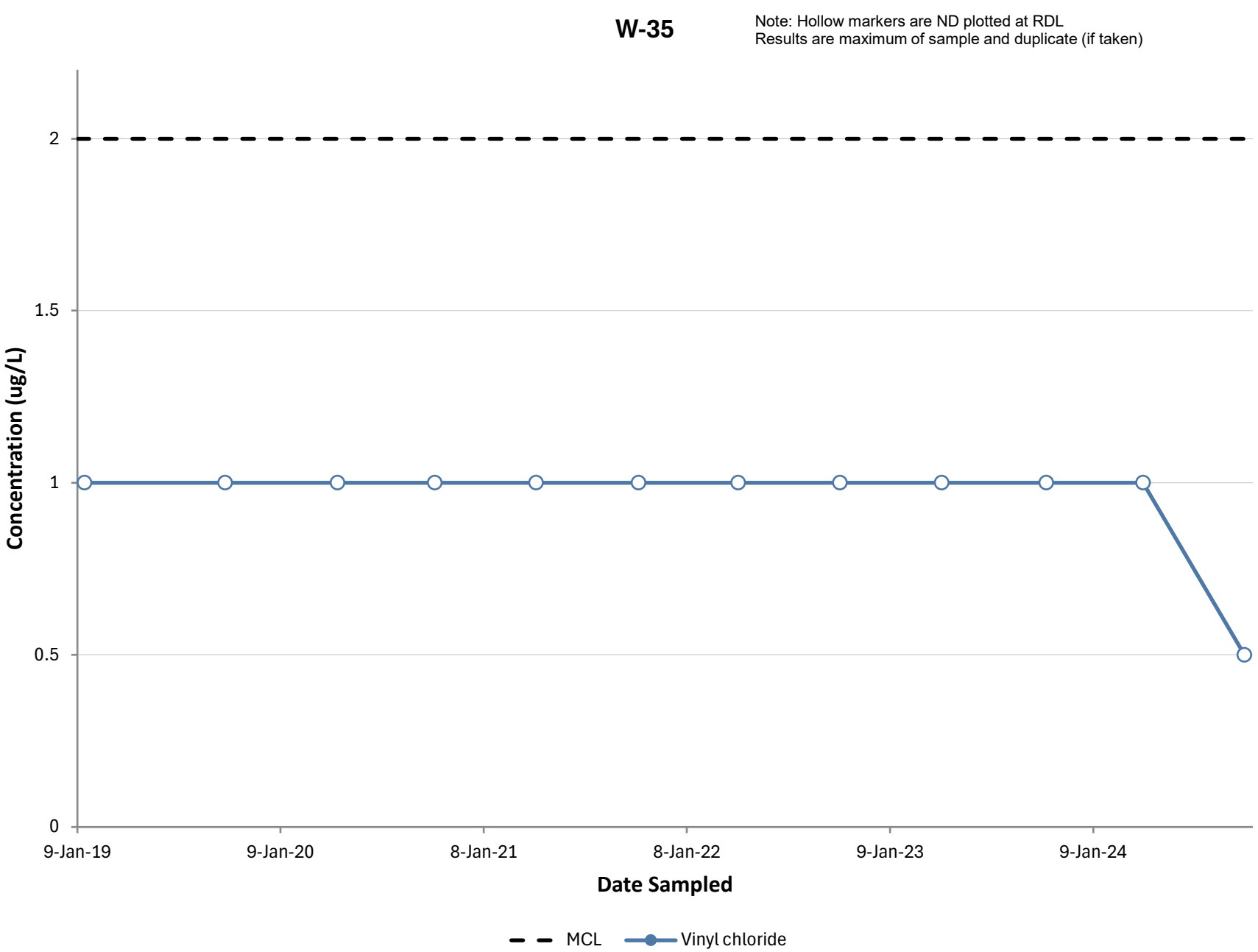

W-28
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

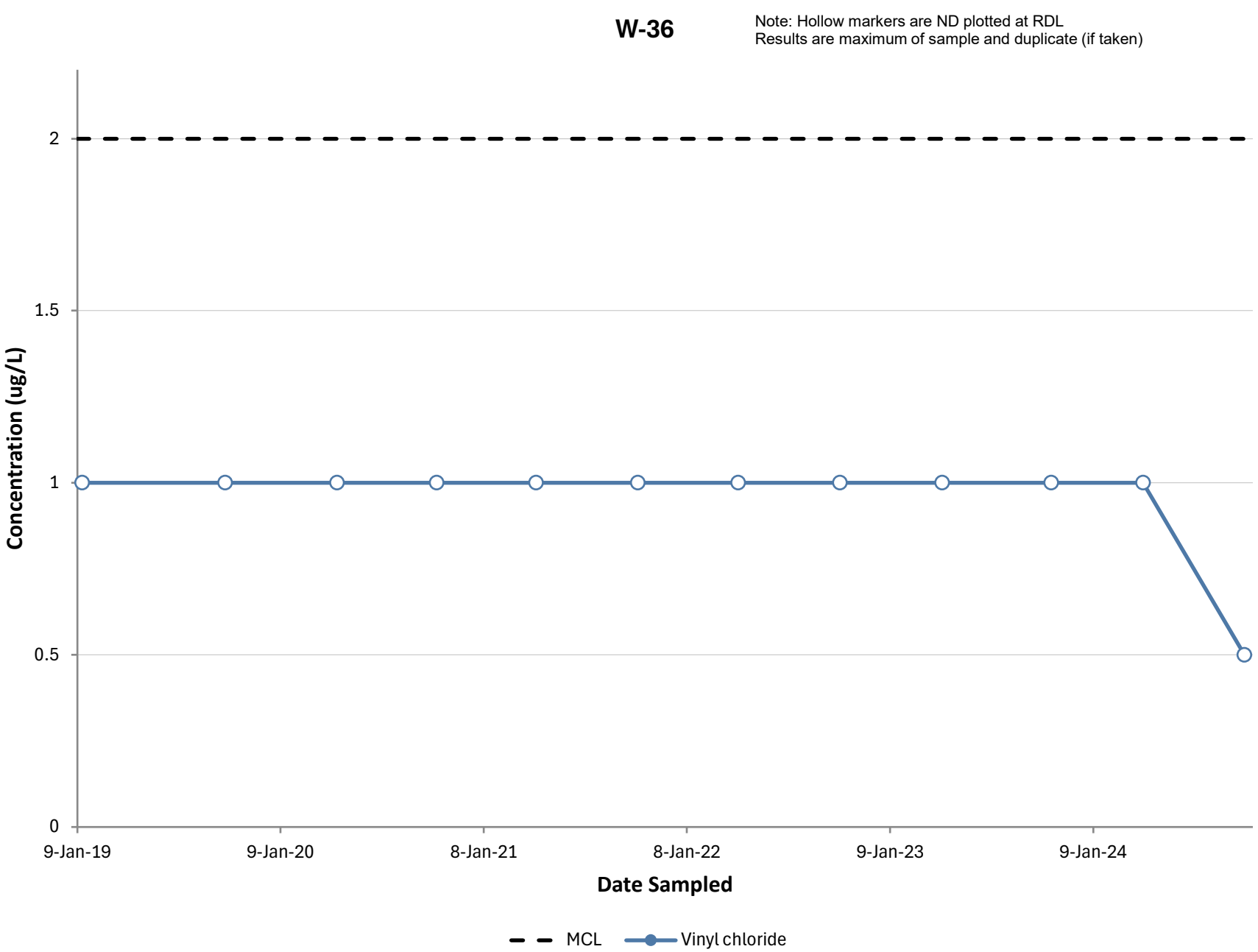

W-29
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

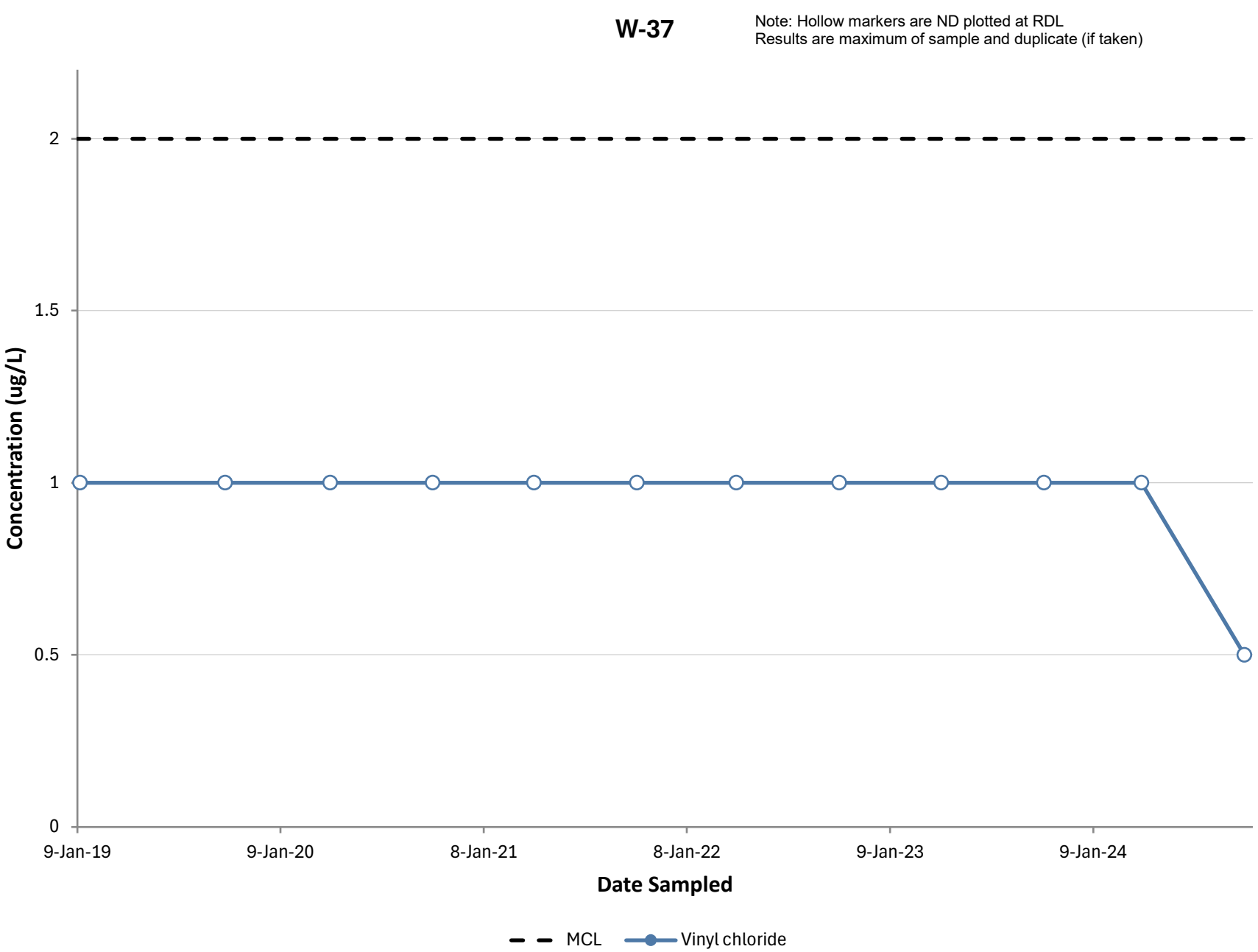

W-30
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

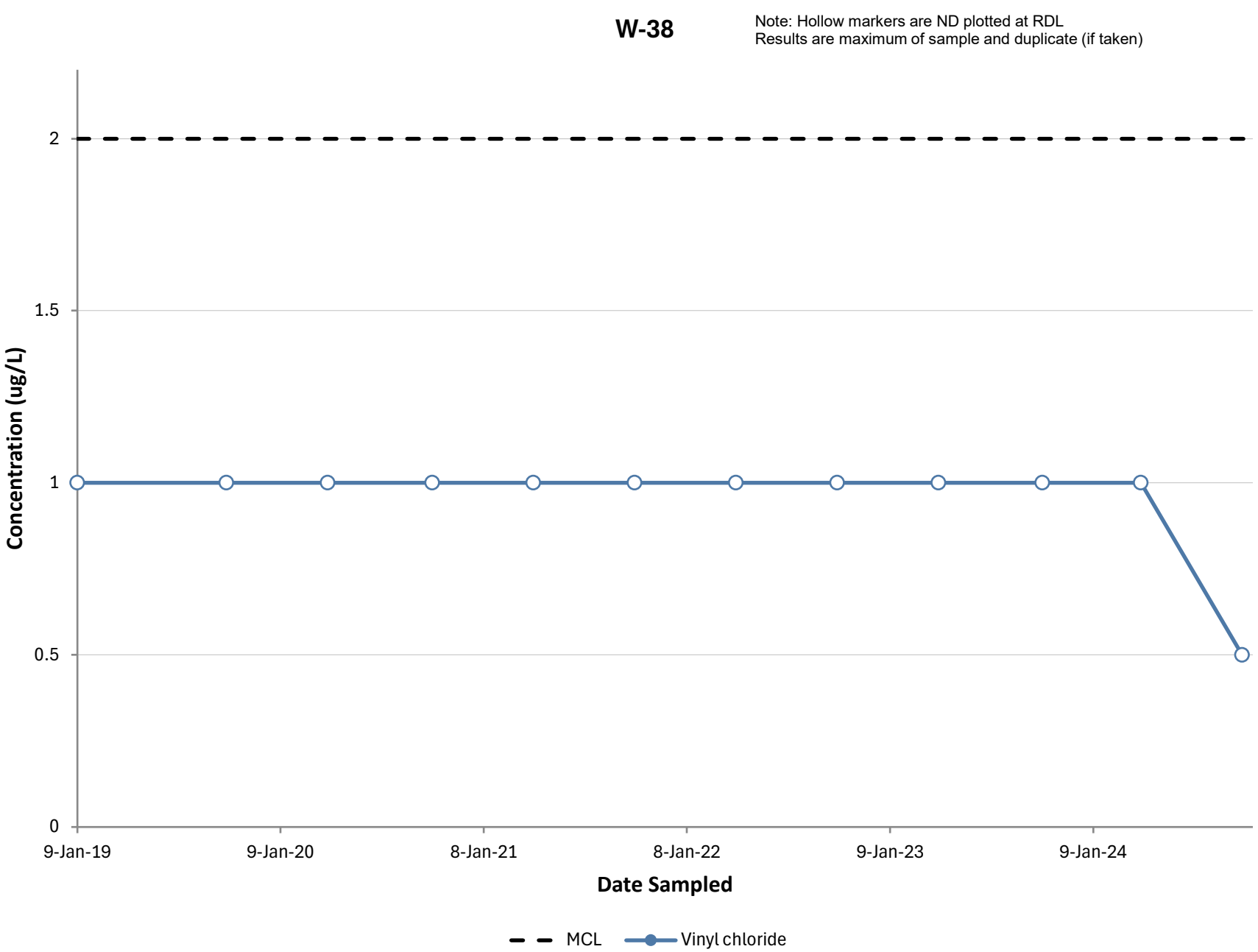

W-32
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
2
1.5
1
0.5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

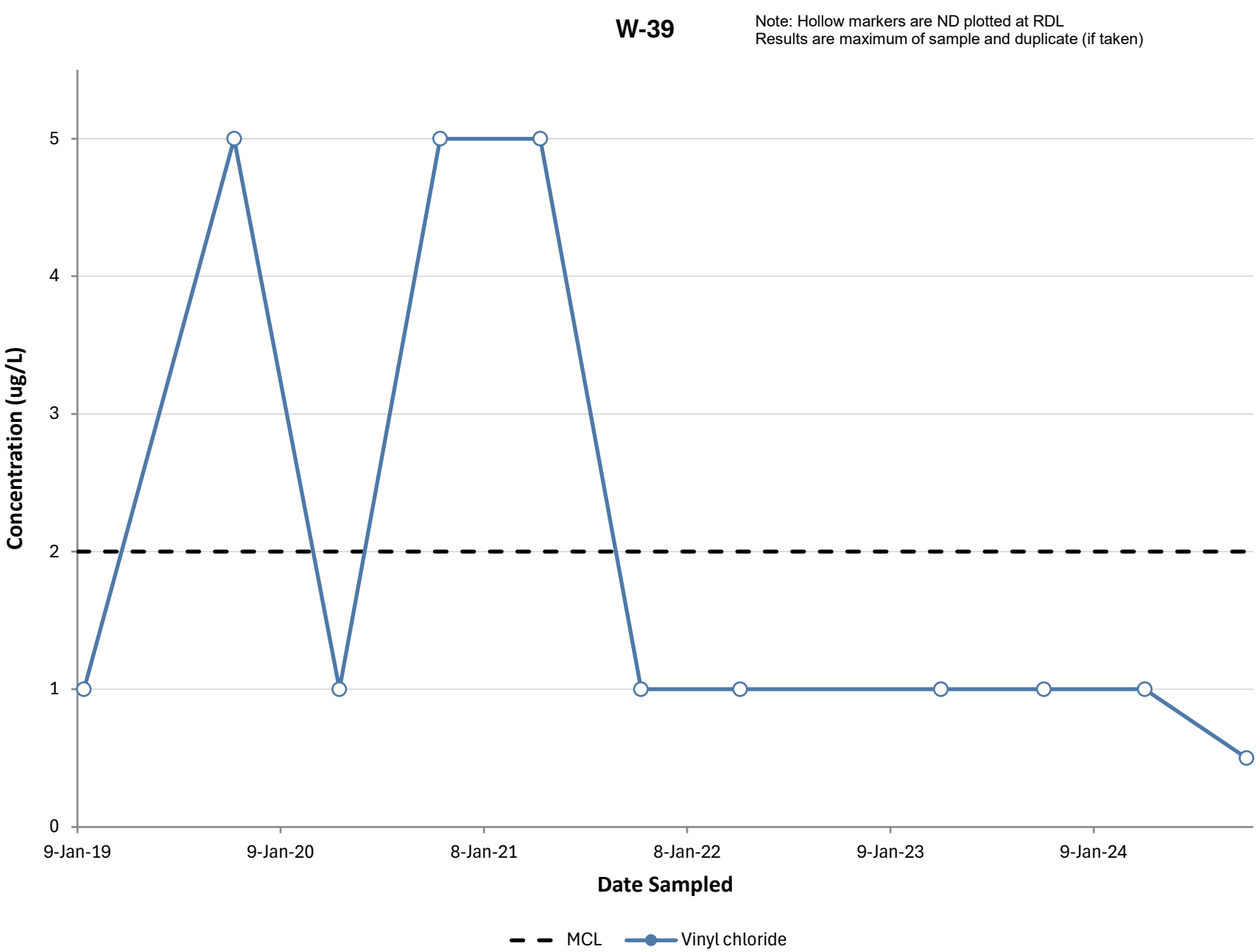

W-33
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

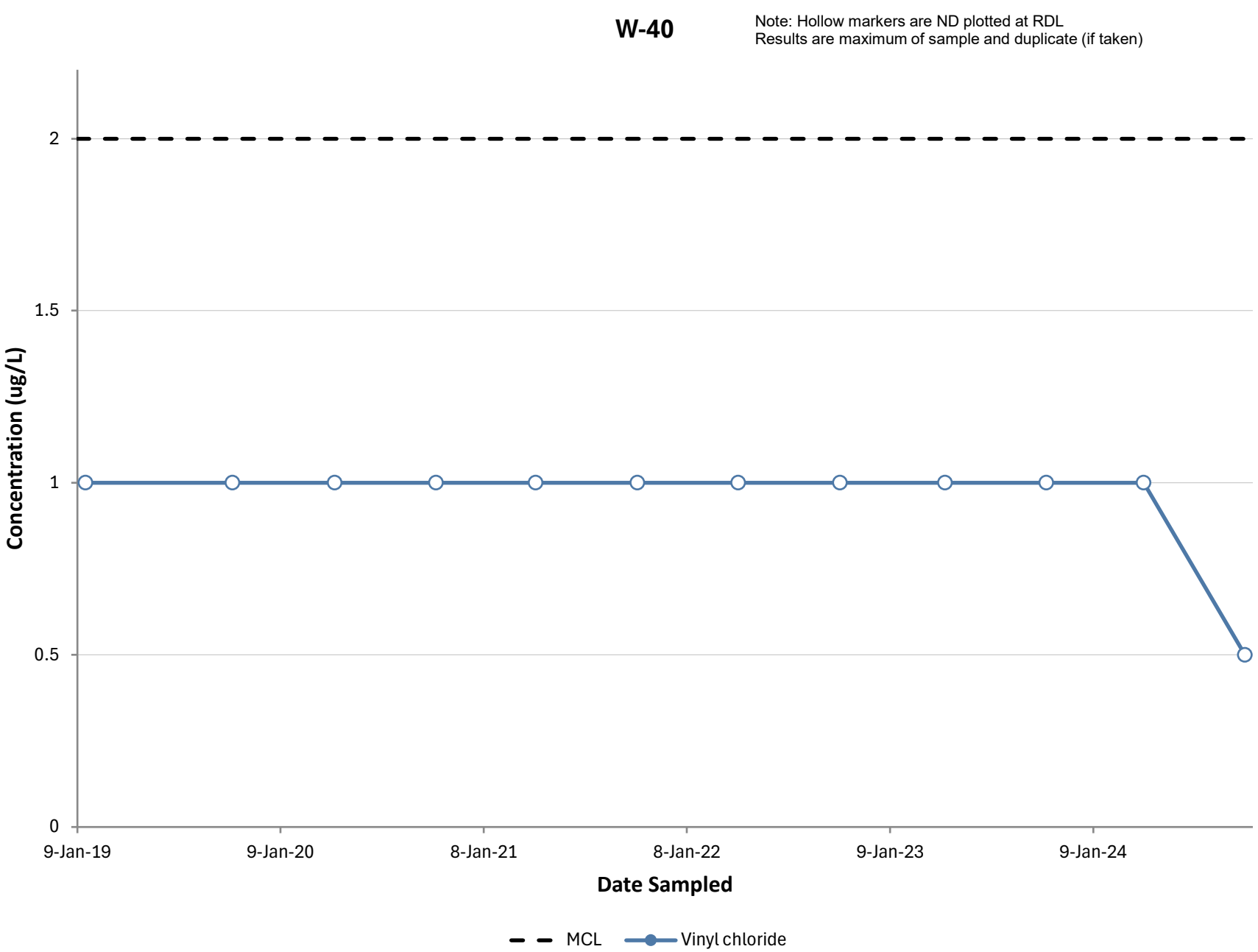

W-35
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

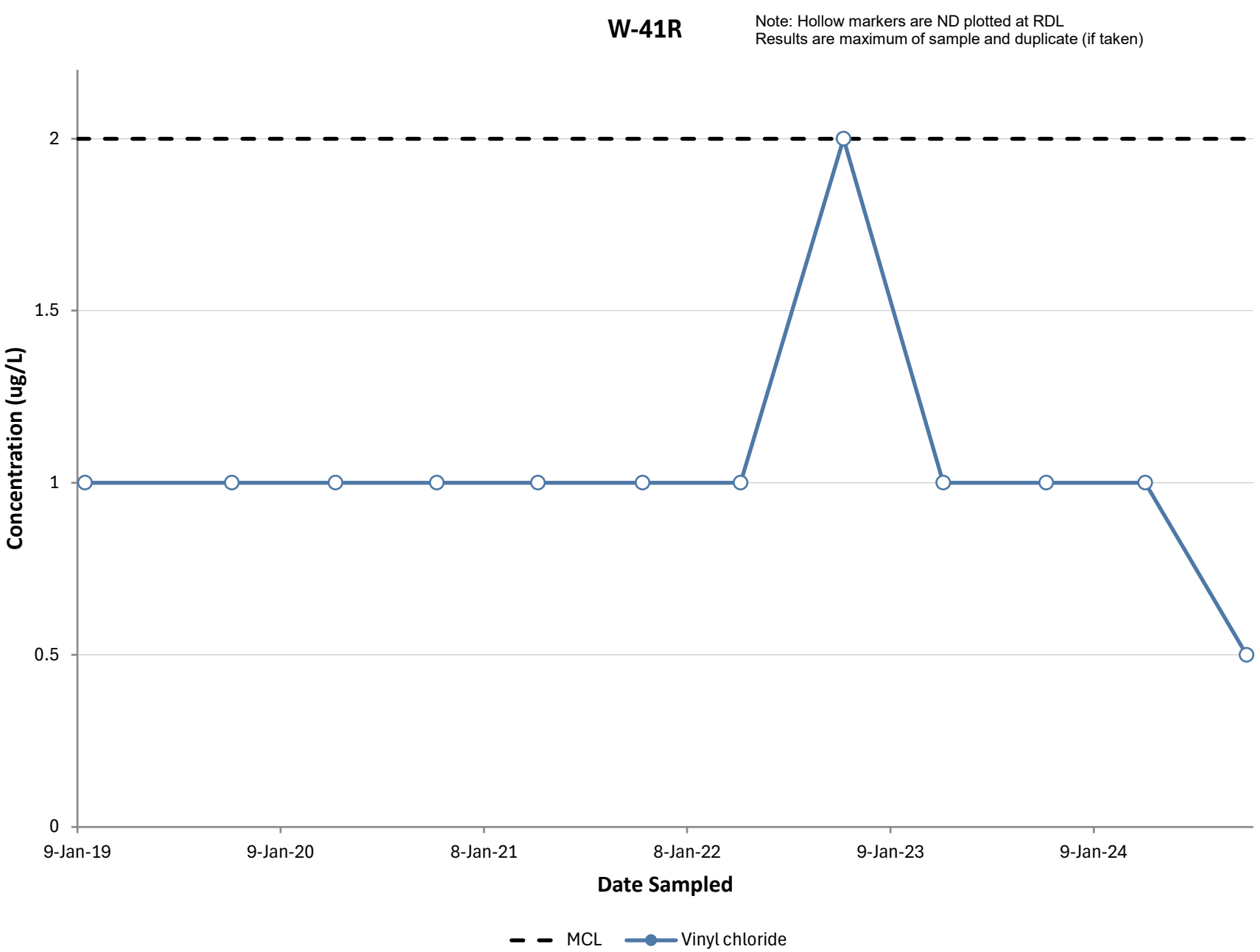

W-36
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

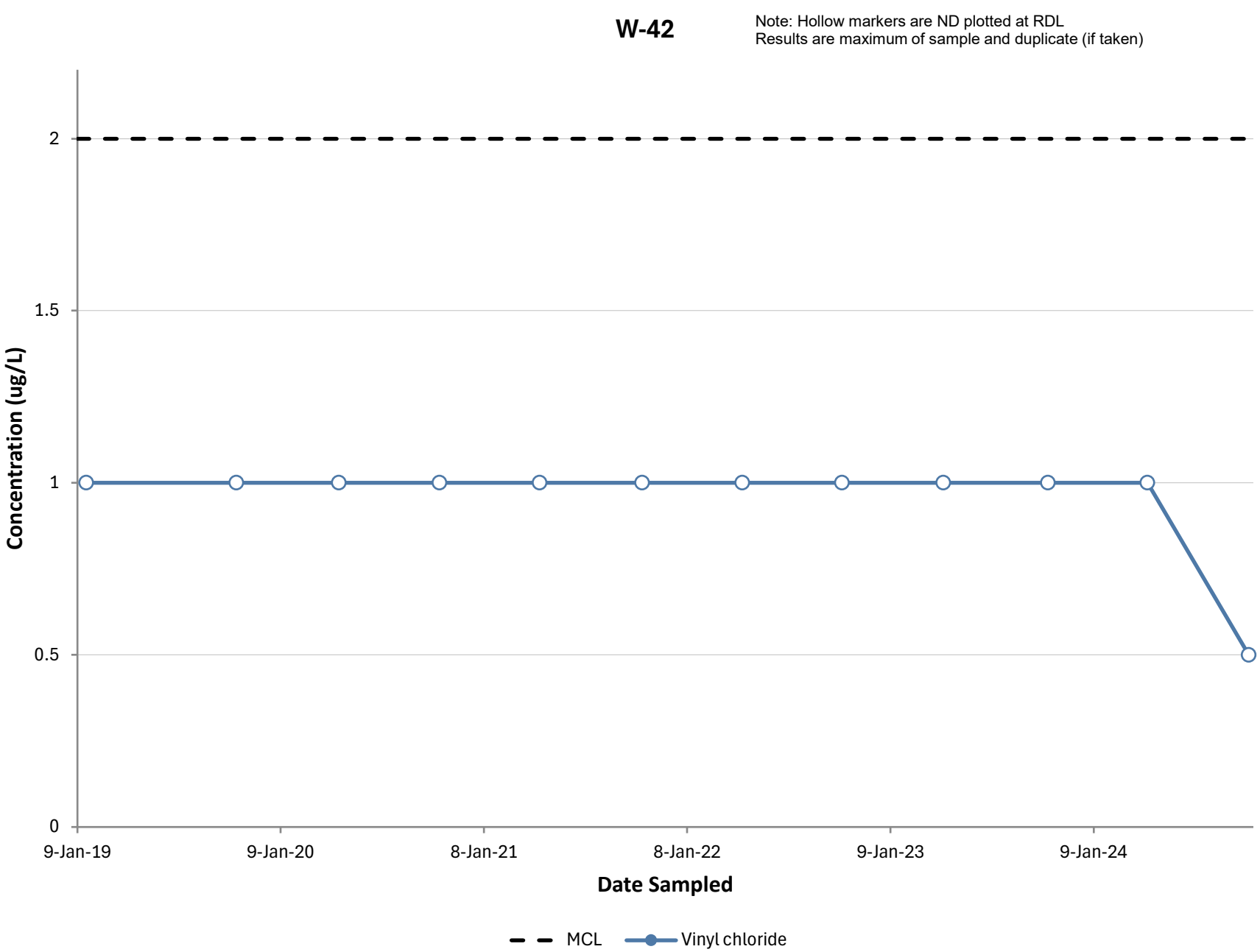

W-37
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

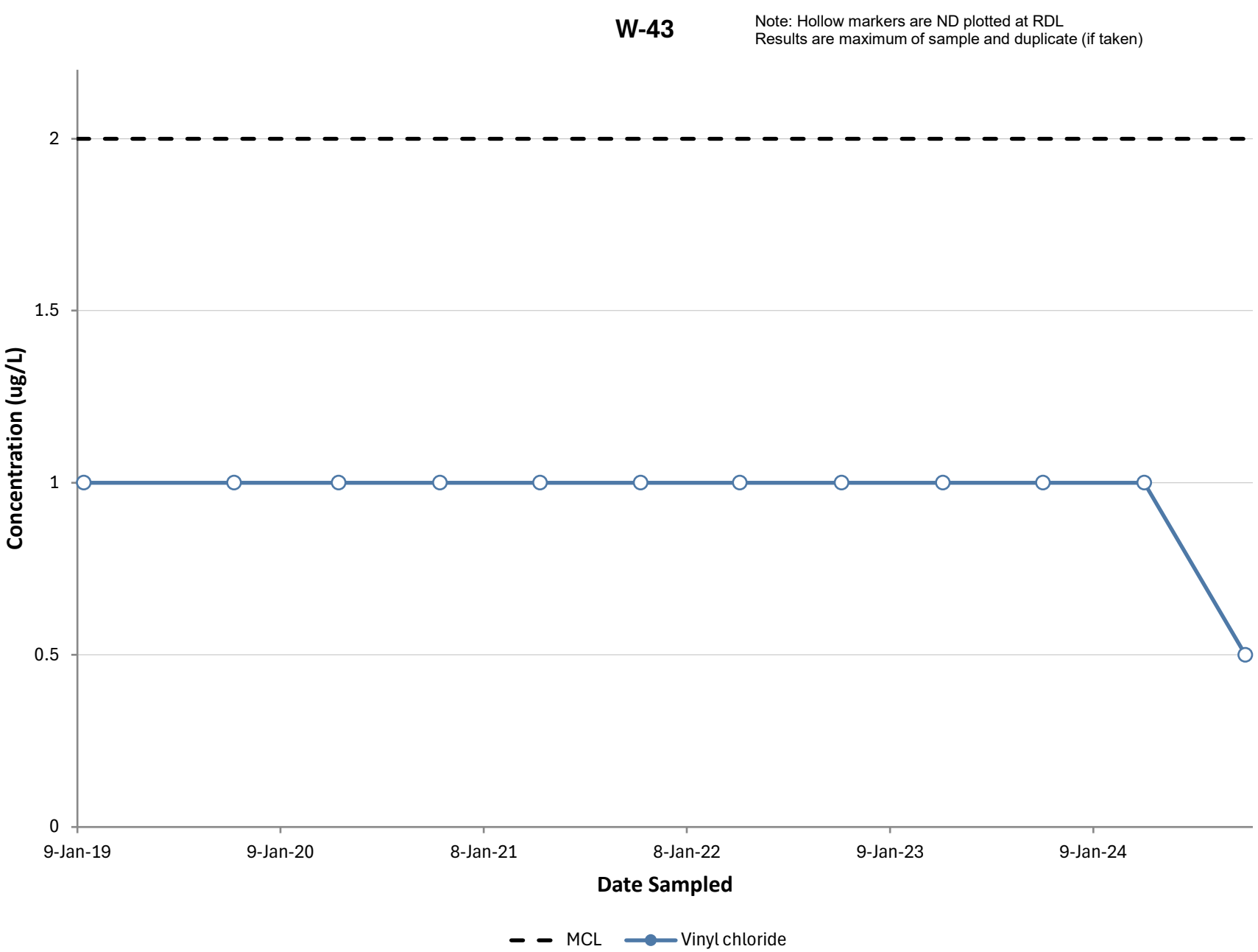

W-38
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

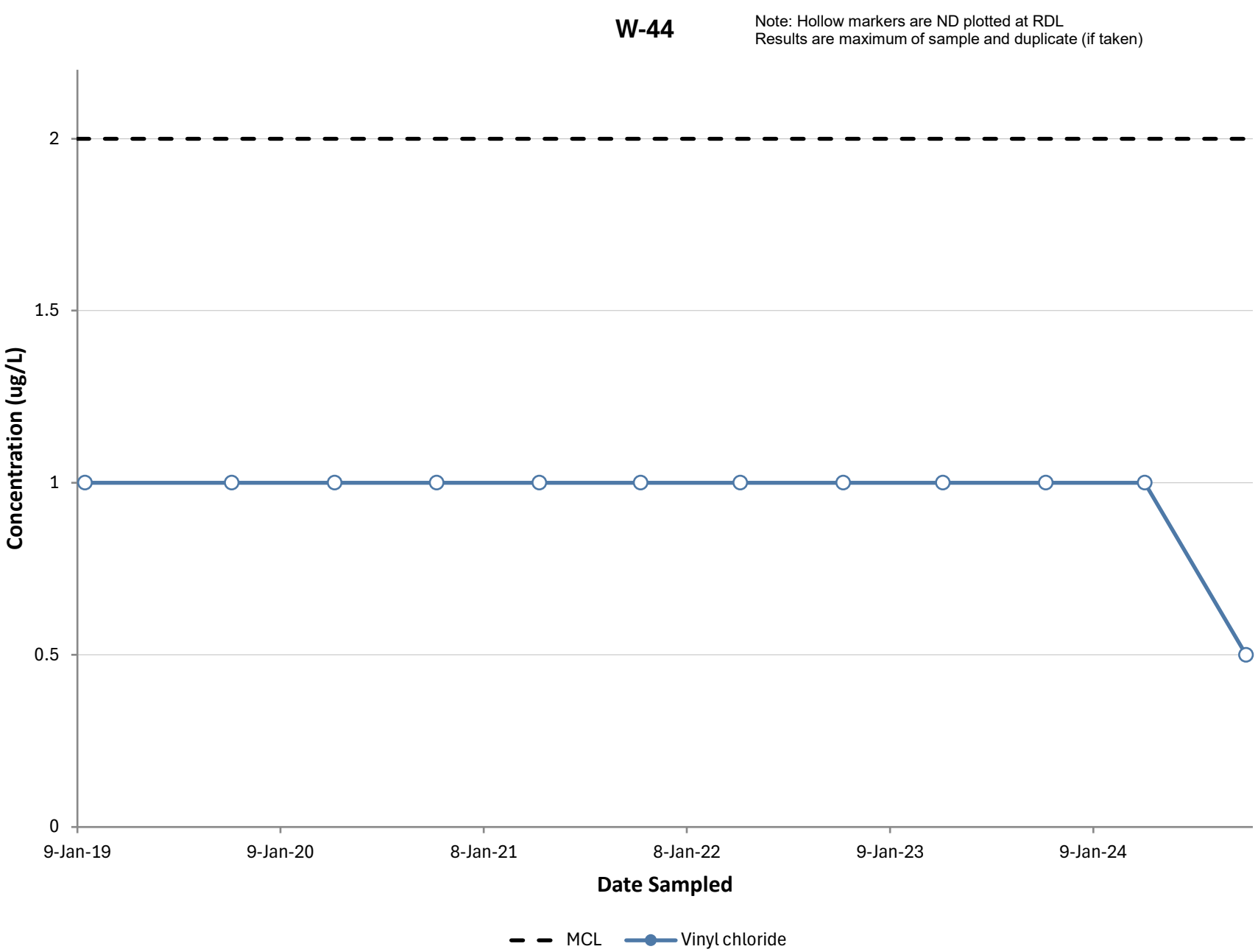

W-39
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

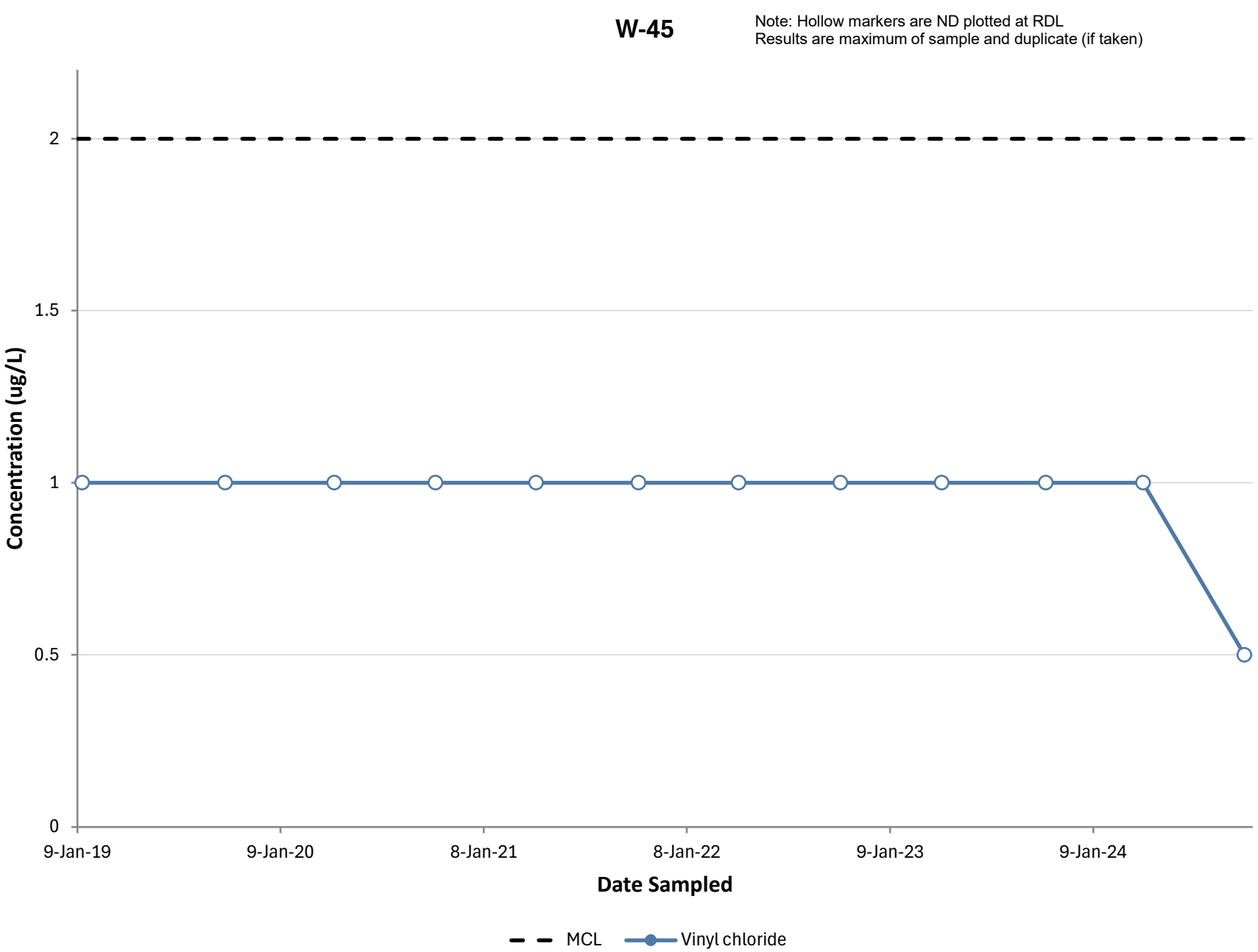

W-40
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

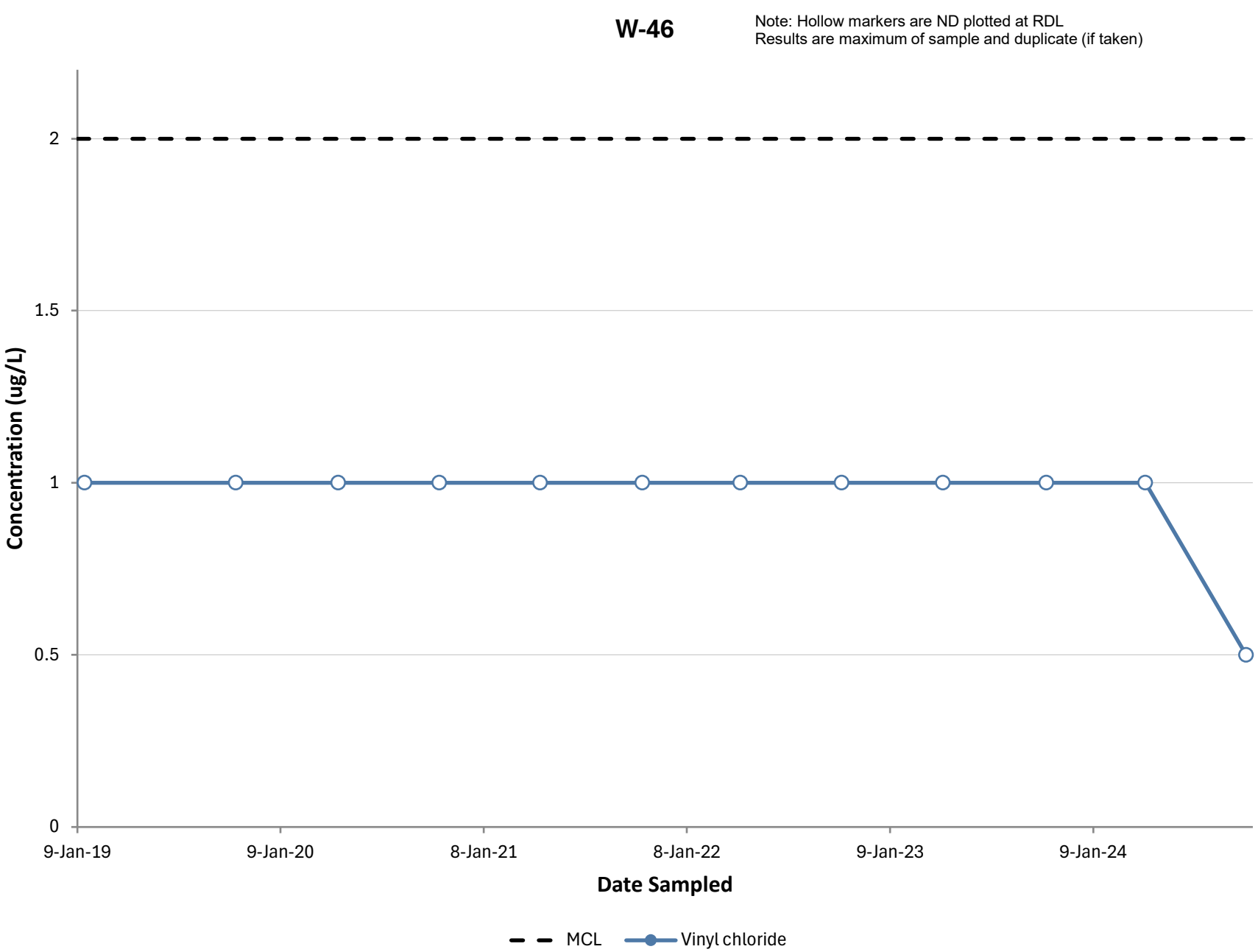

W-41R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

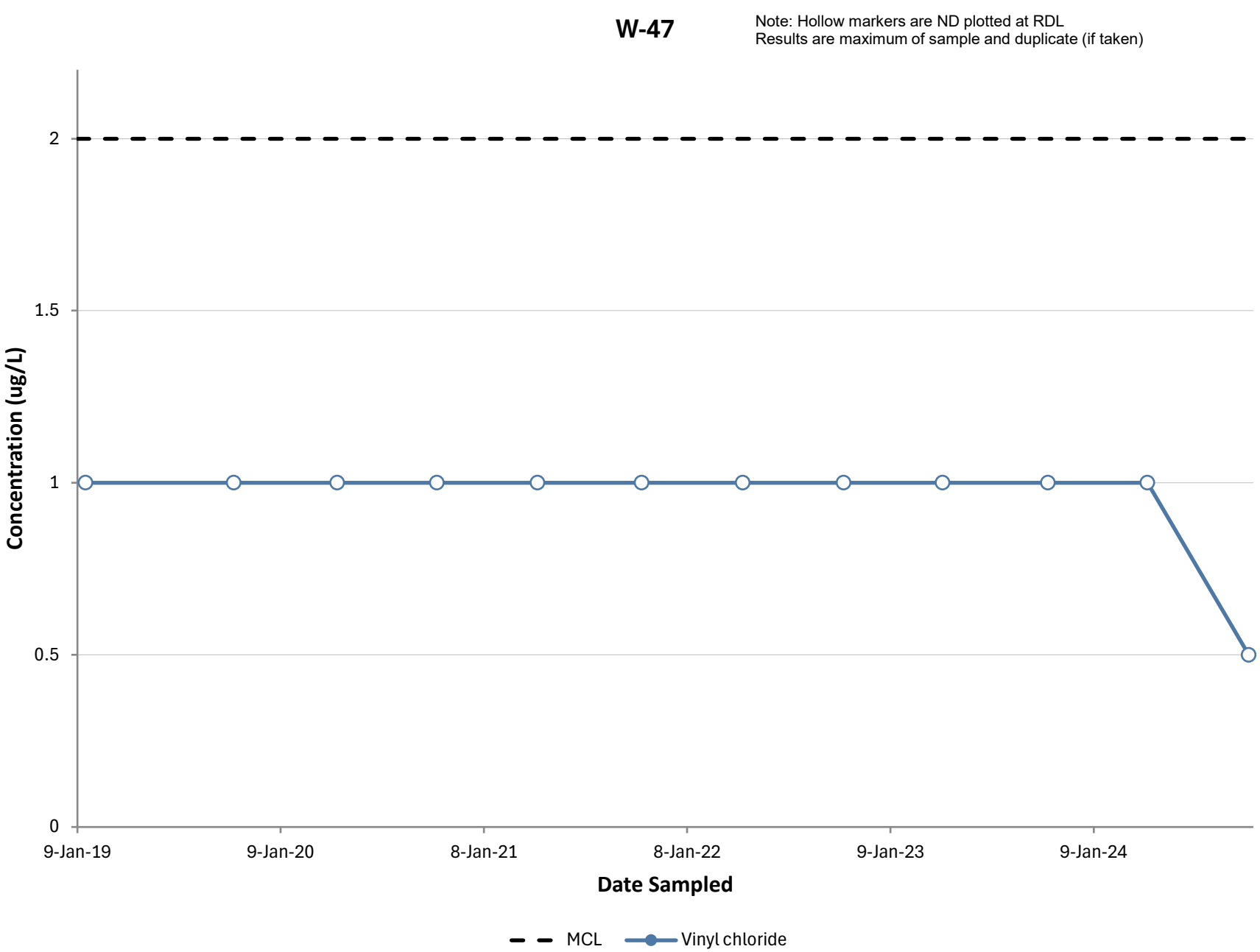

W-42
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

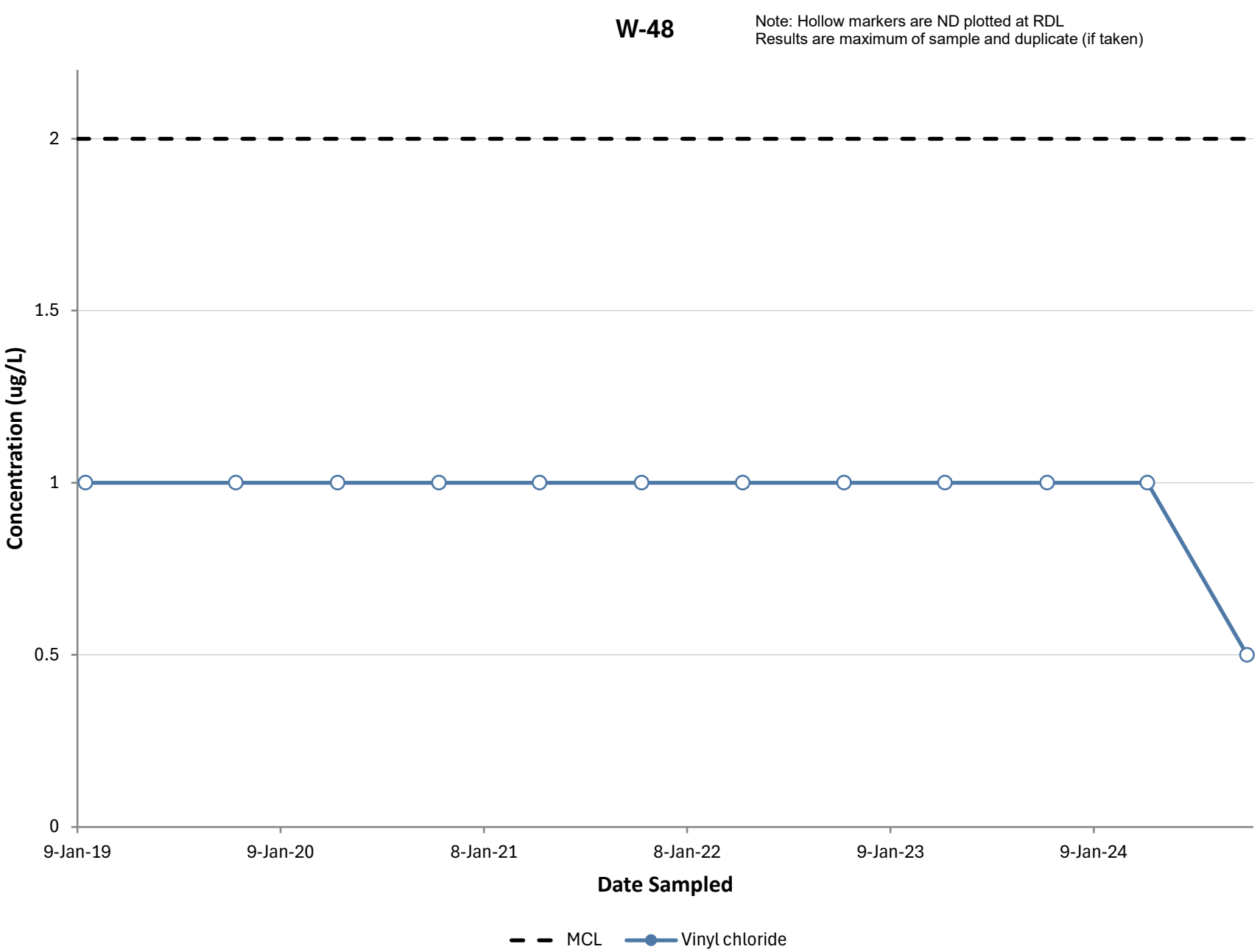

W-43
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

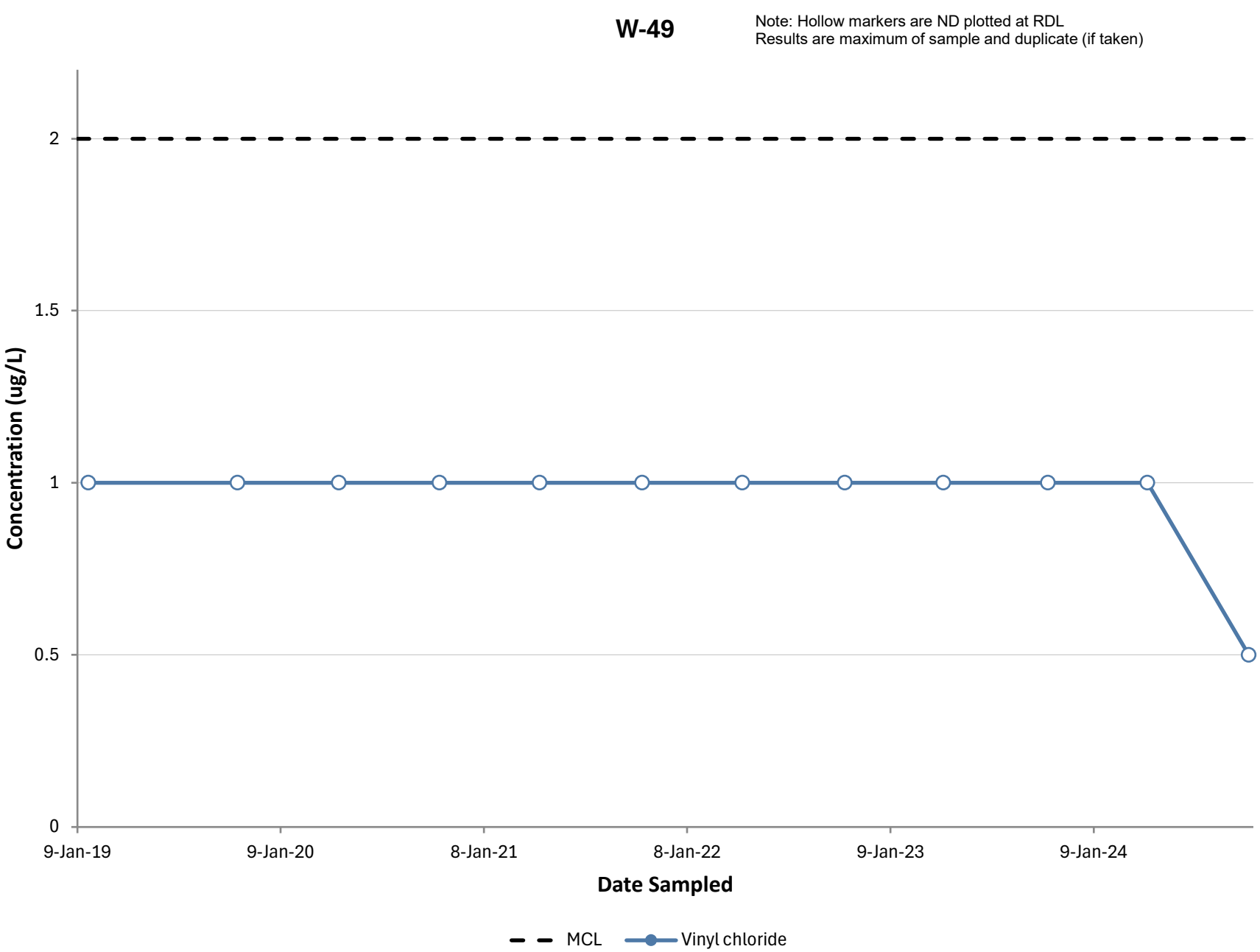

W-44
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

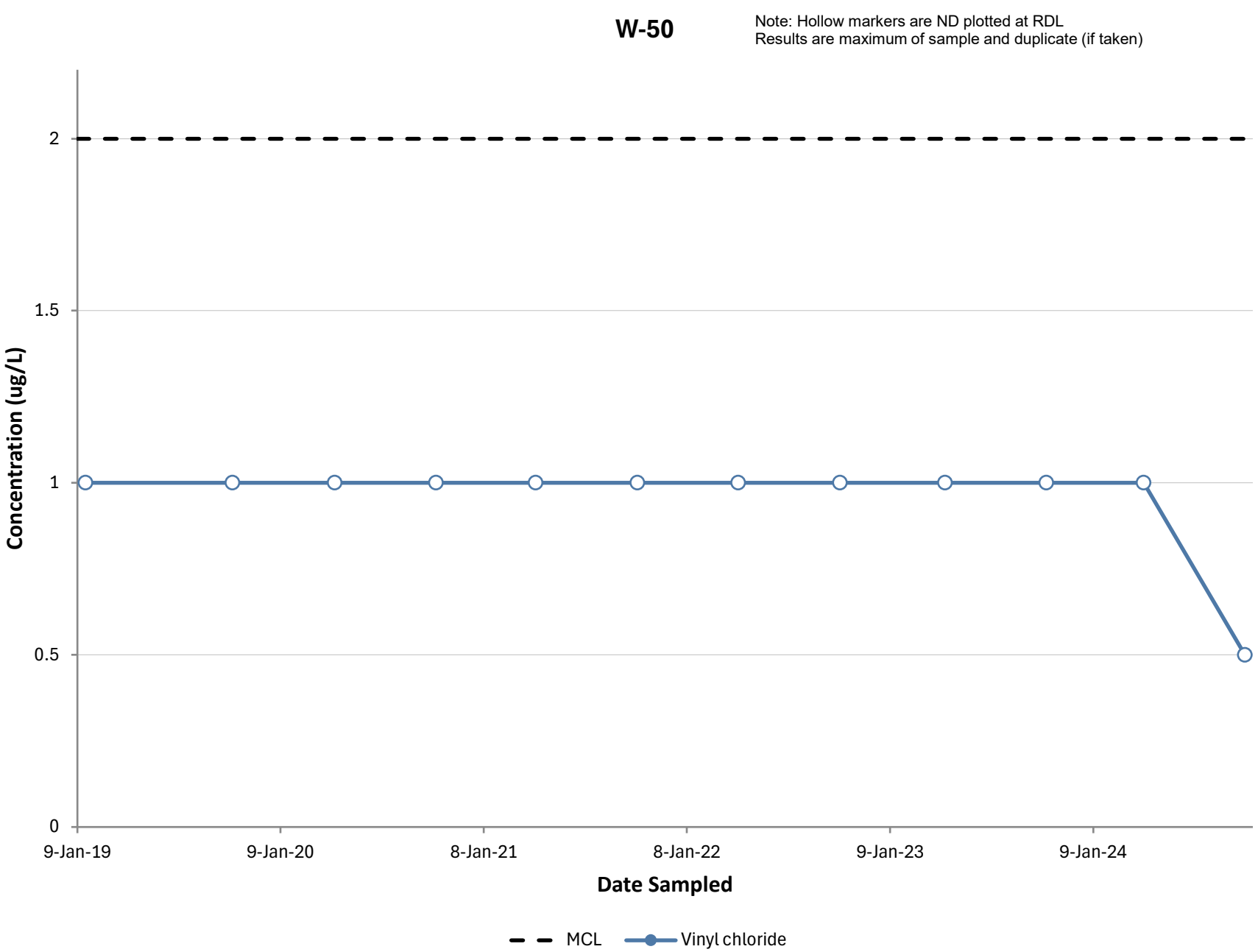

W-45
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

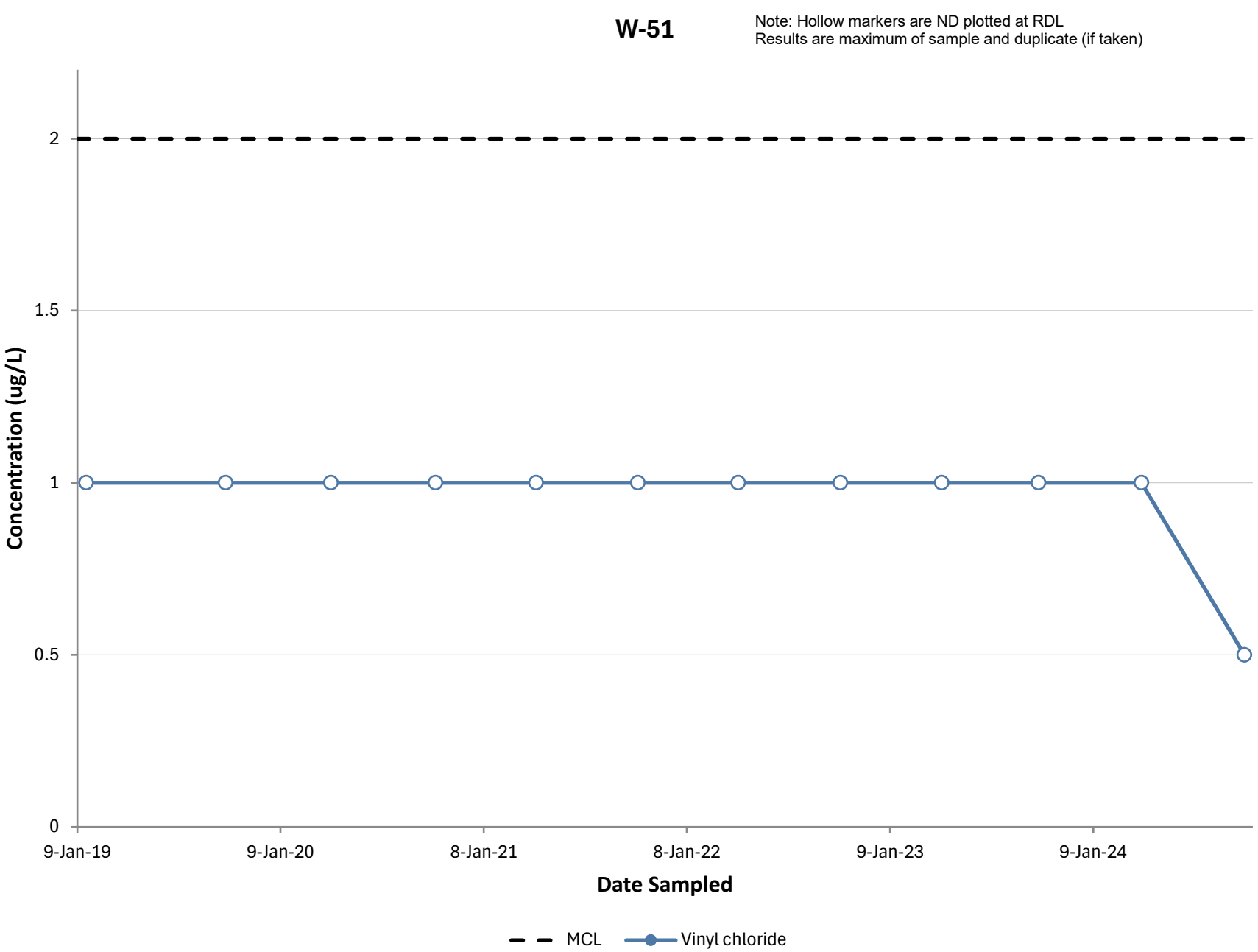

W-46
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

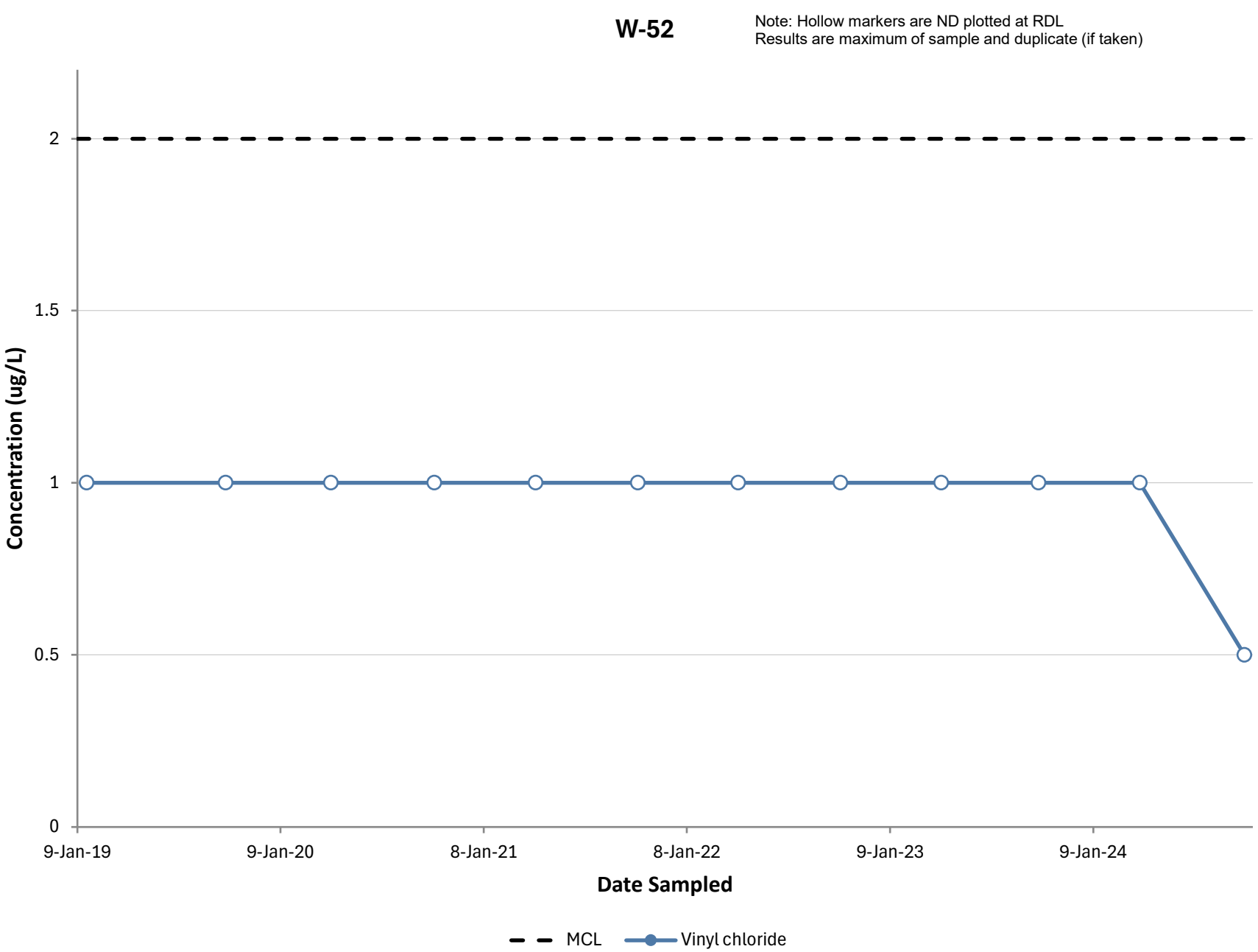

W-47
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
2
1.5
1
0.5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

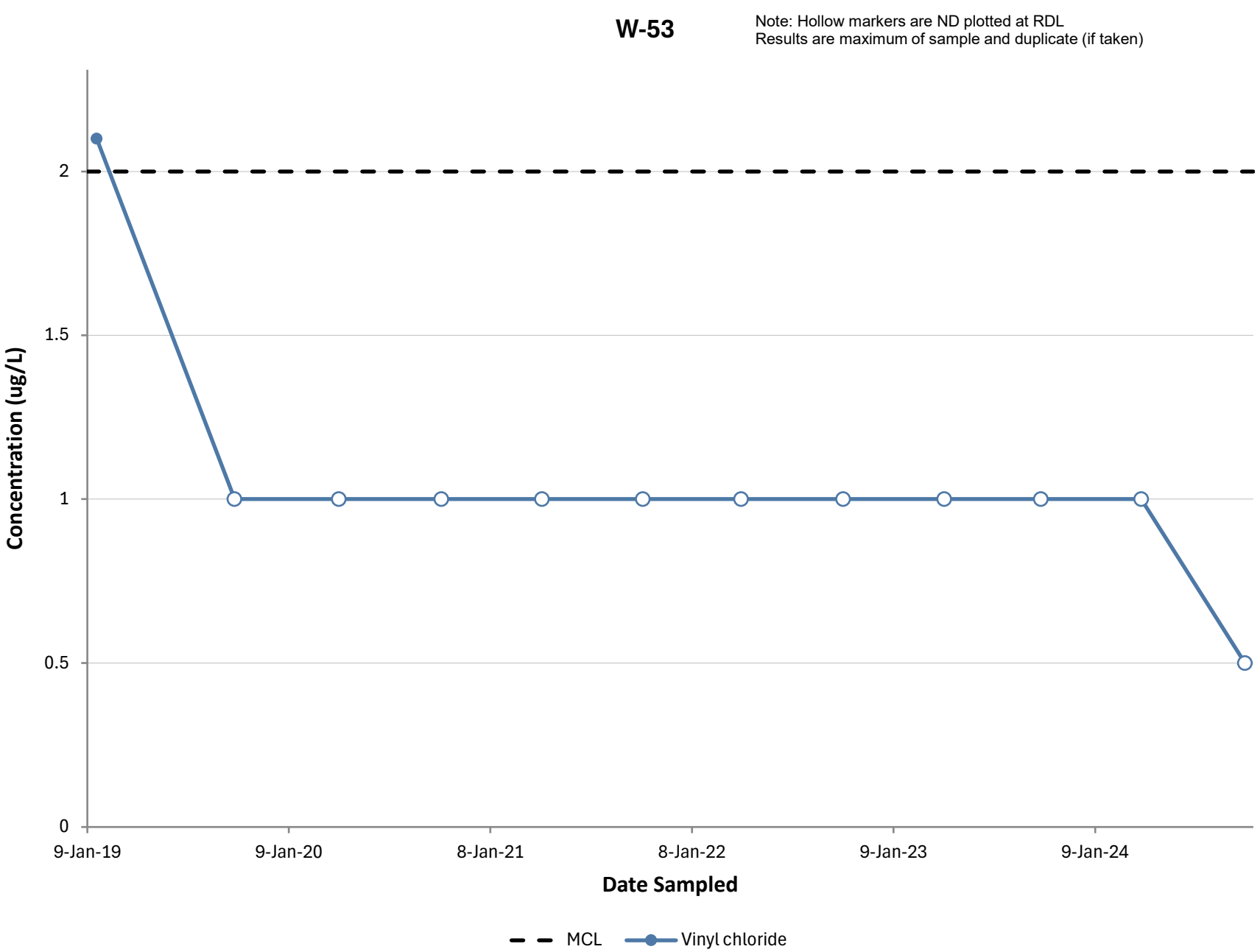

W-48
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

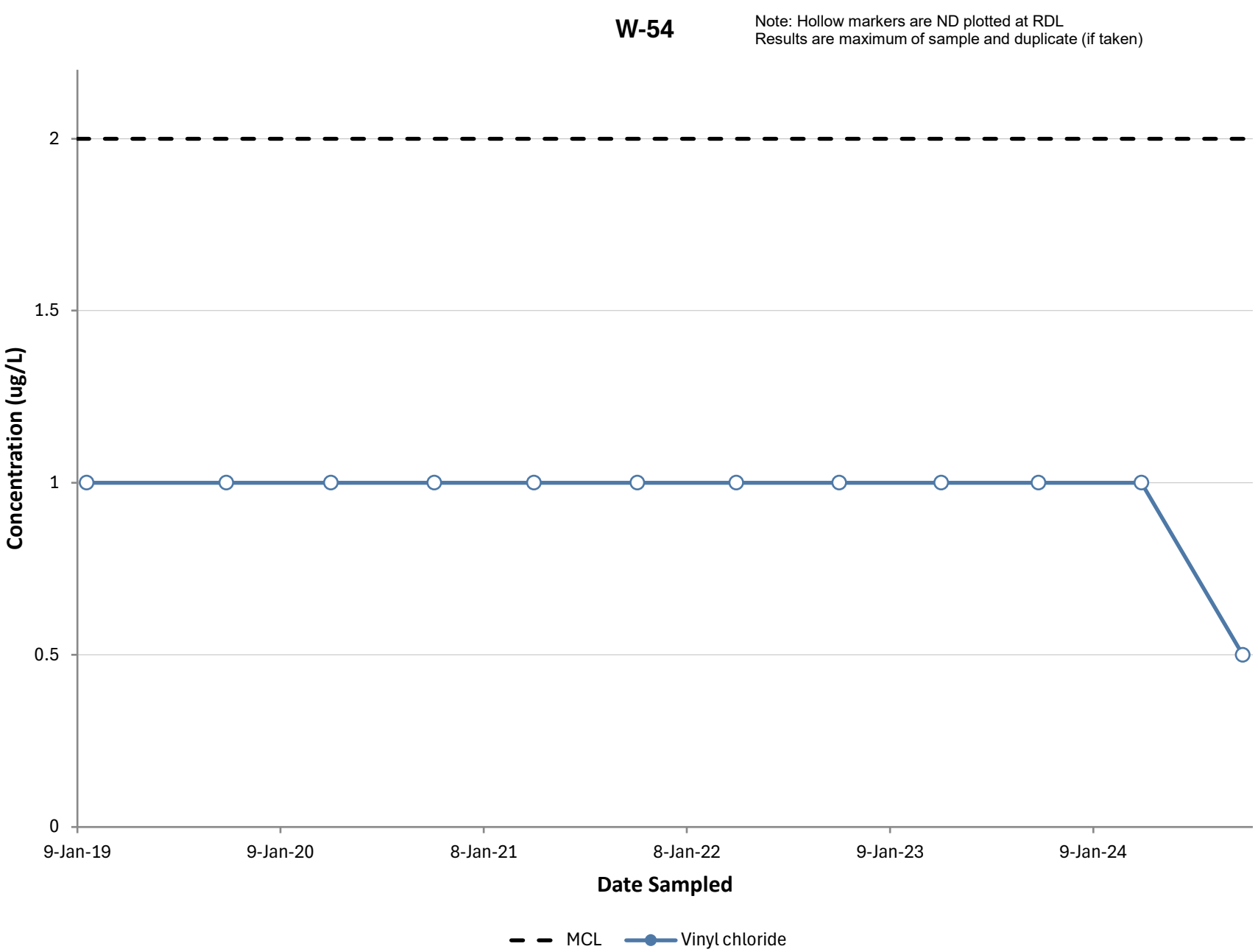

W-49
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

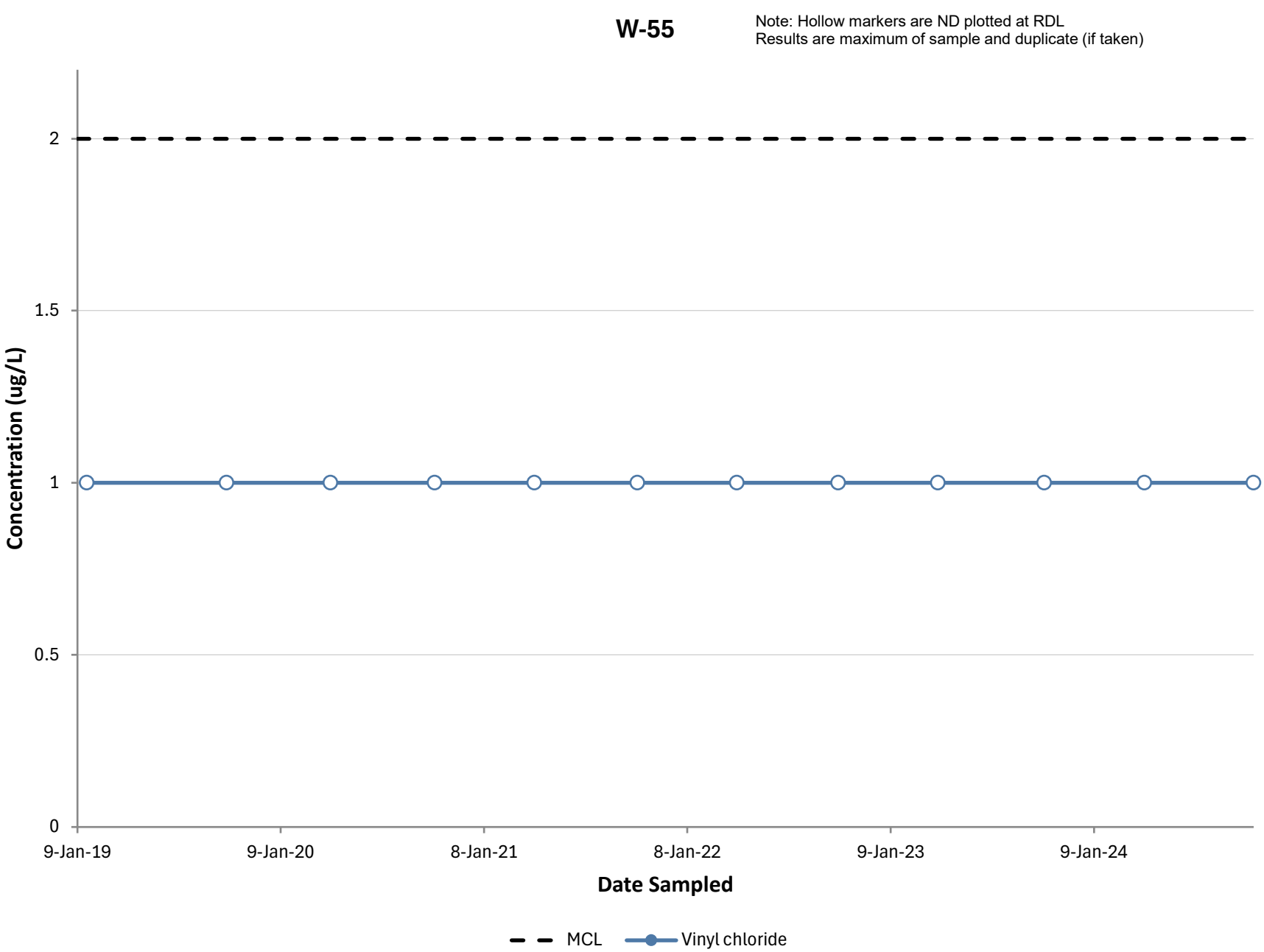

W-50
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

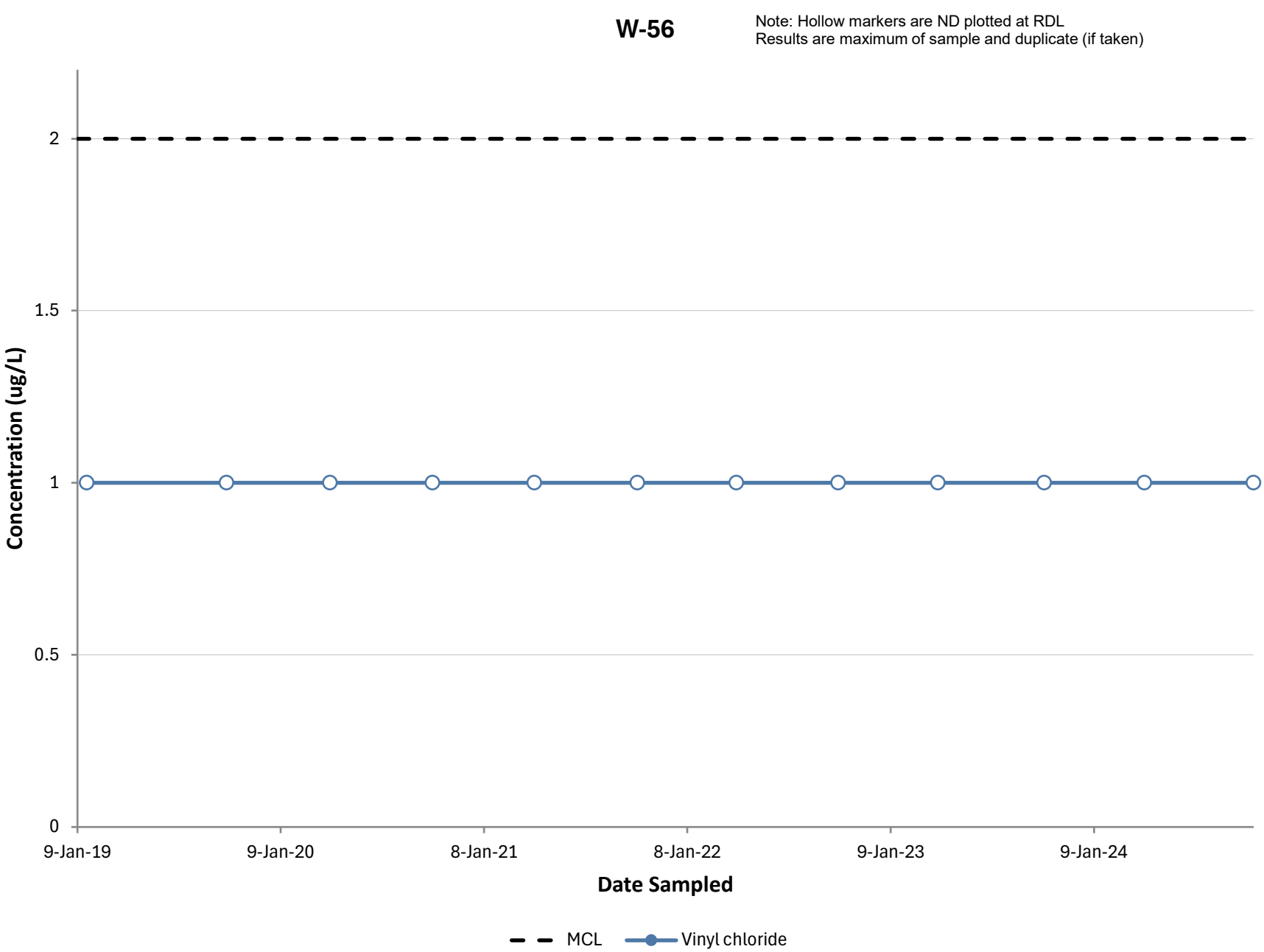

W-51
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

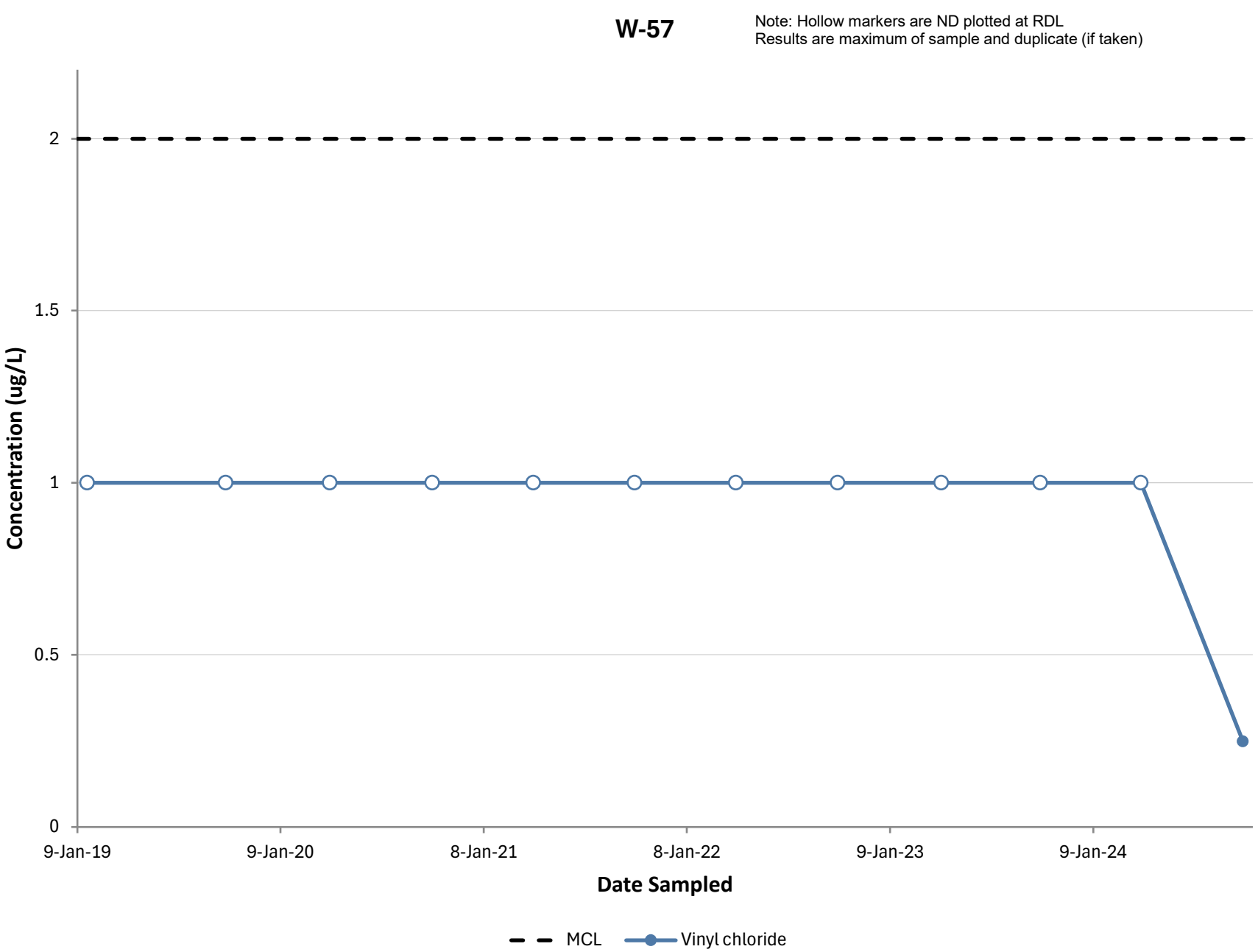

W-52
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

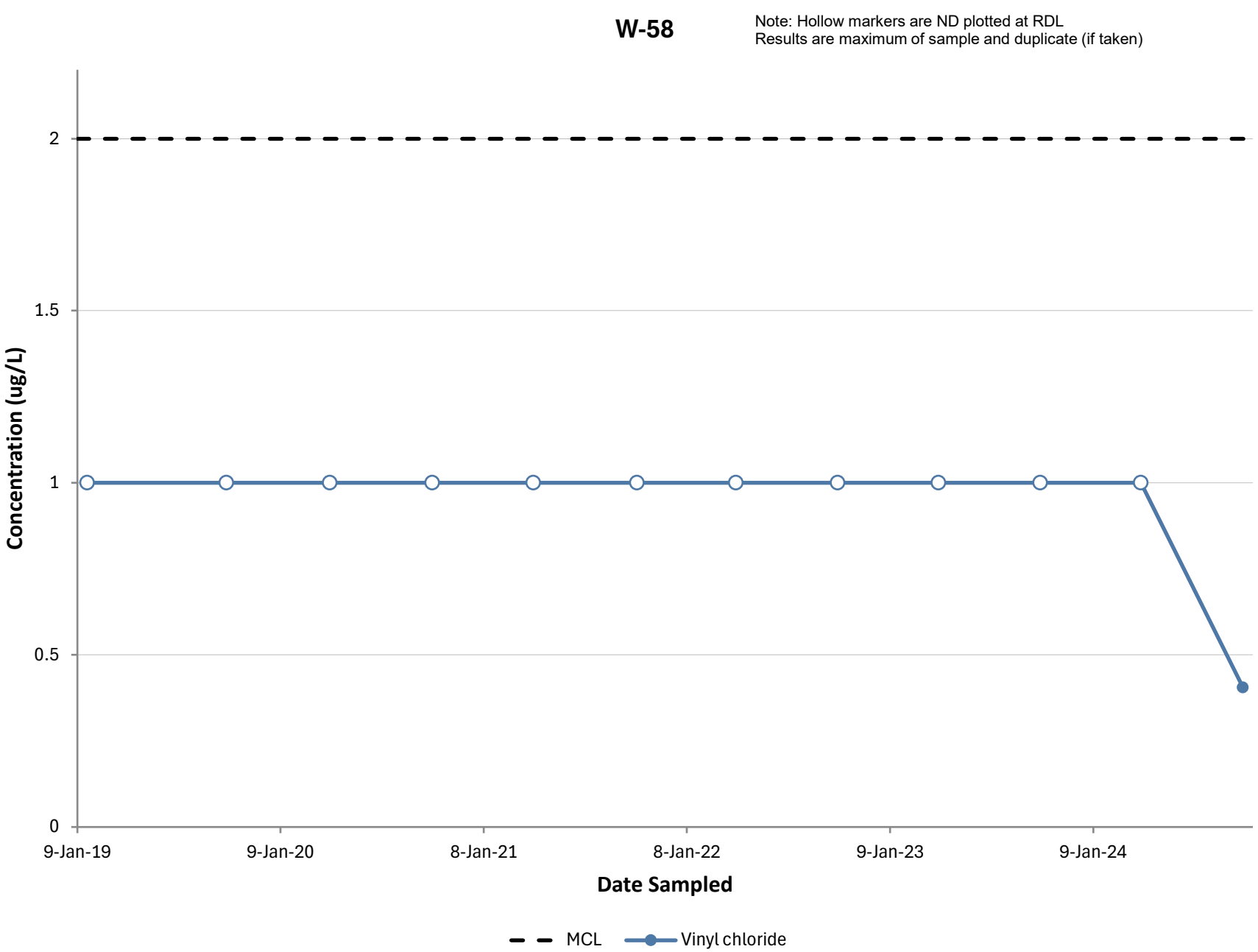

W-53
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

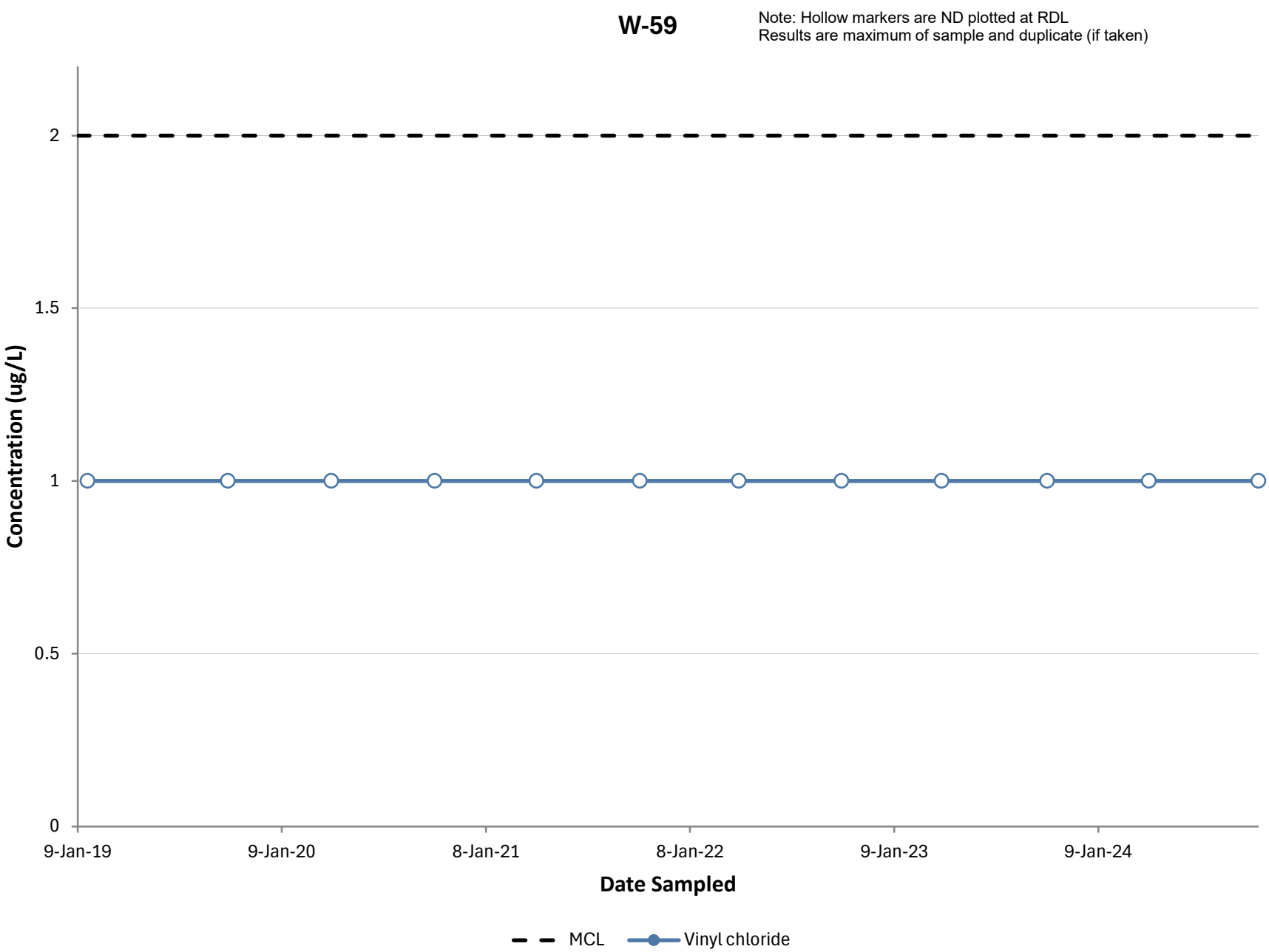

W-54
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

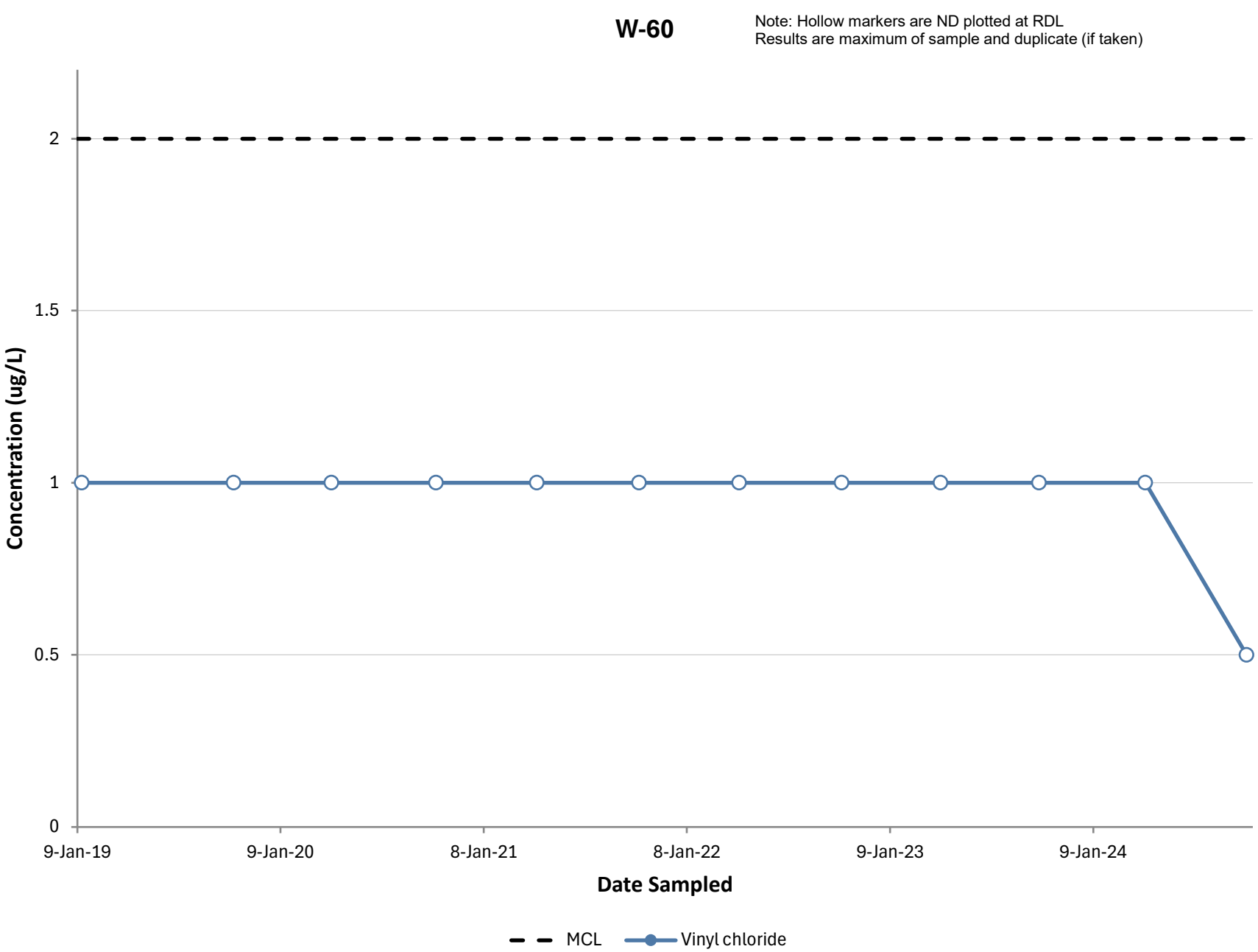

W-55
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

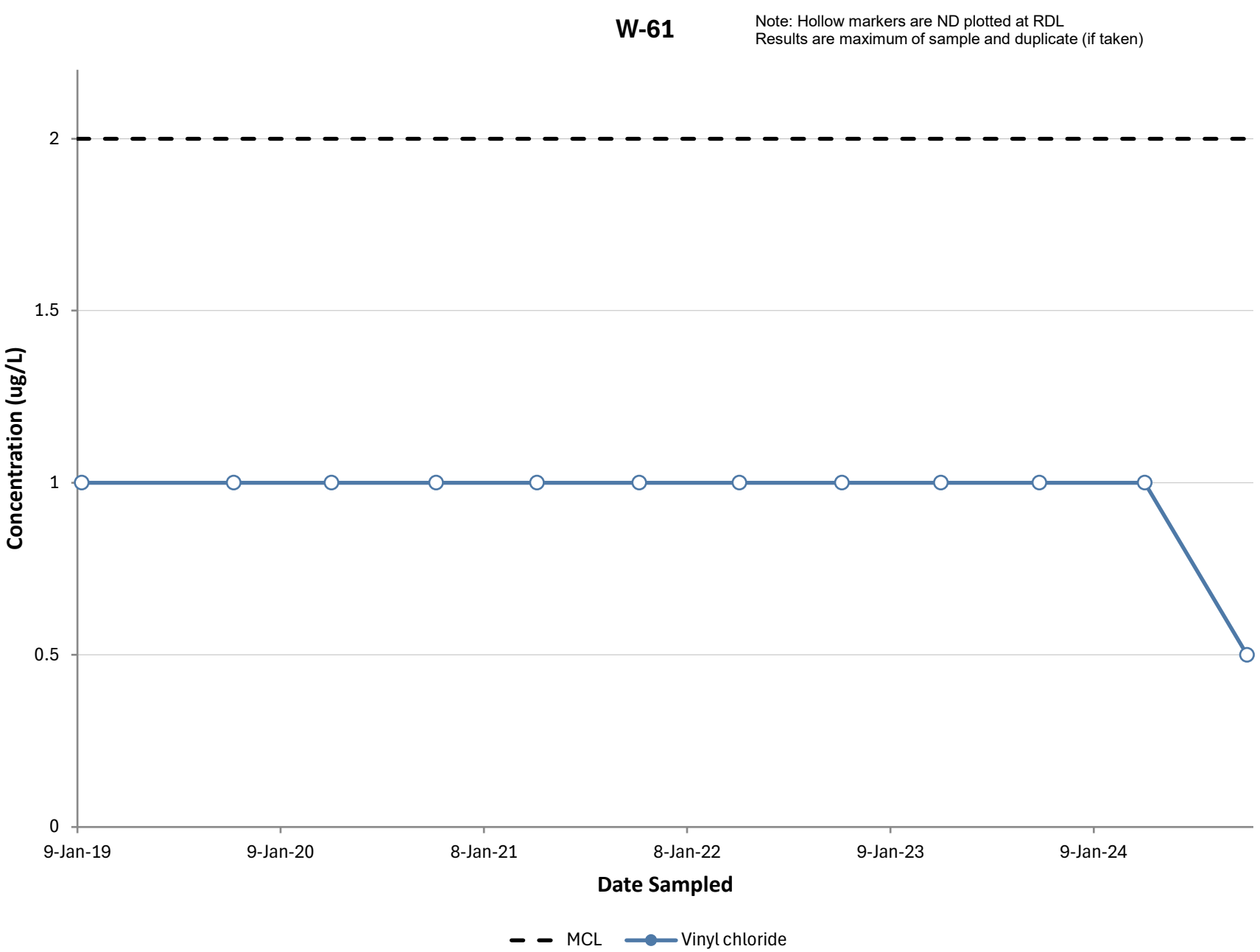

W-56
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
2
1.5
1
0.5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

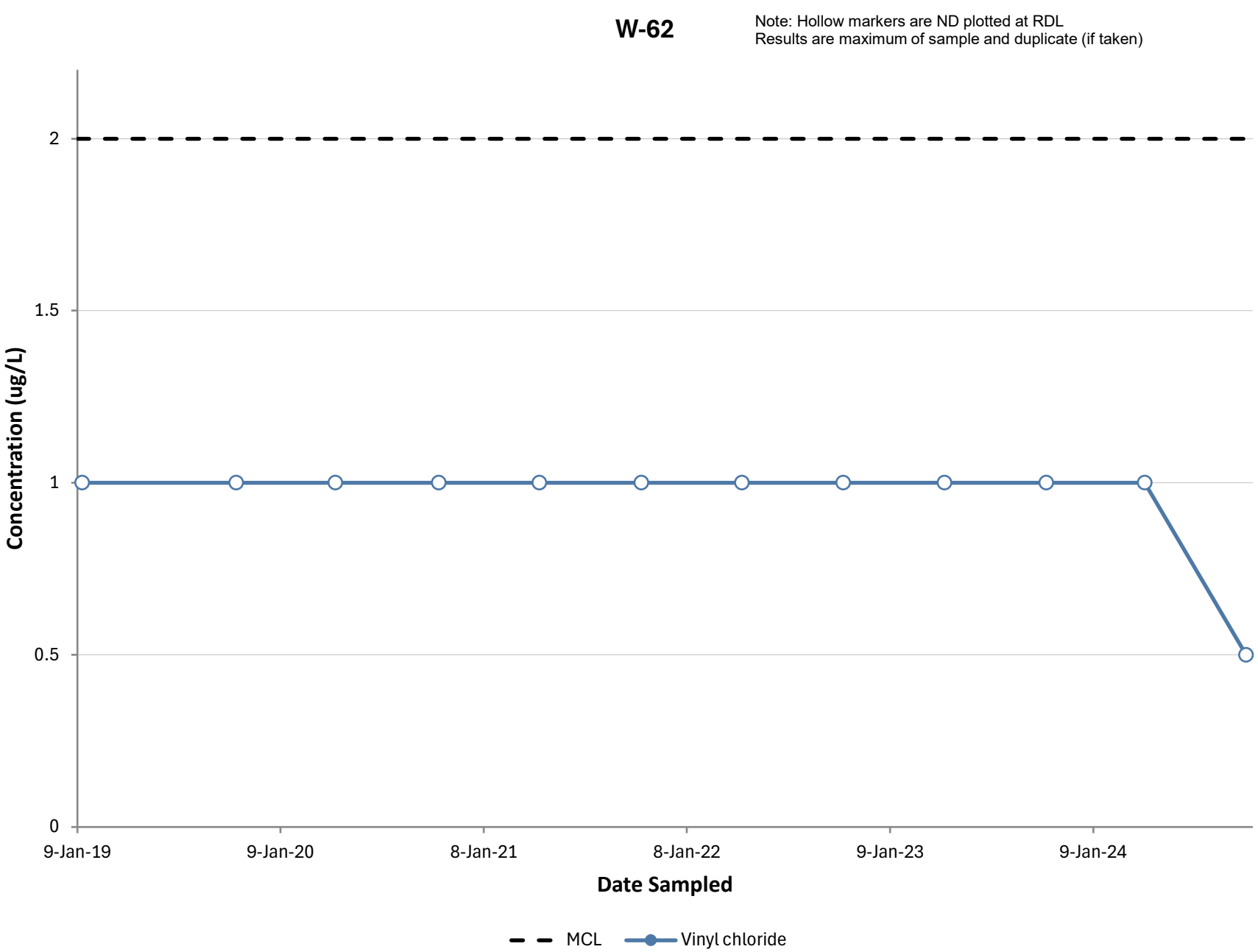

W-57
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

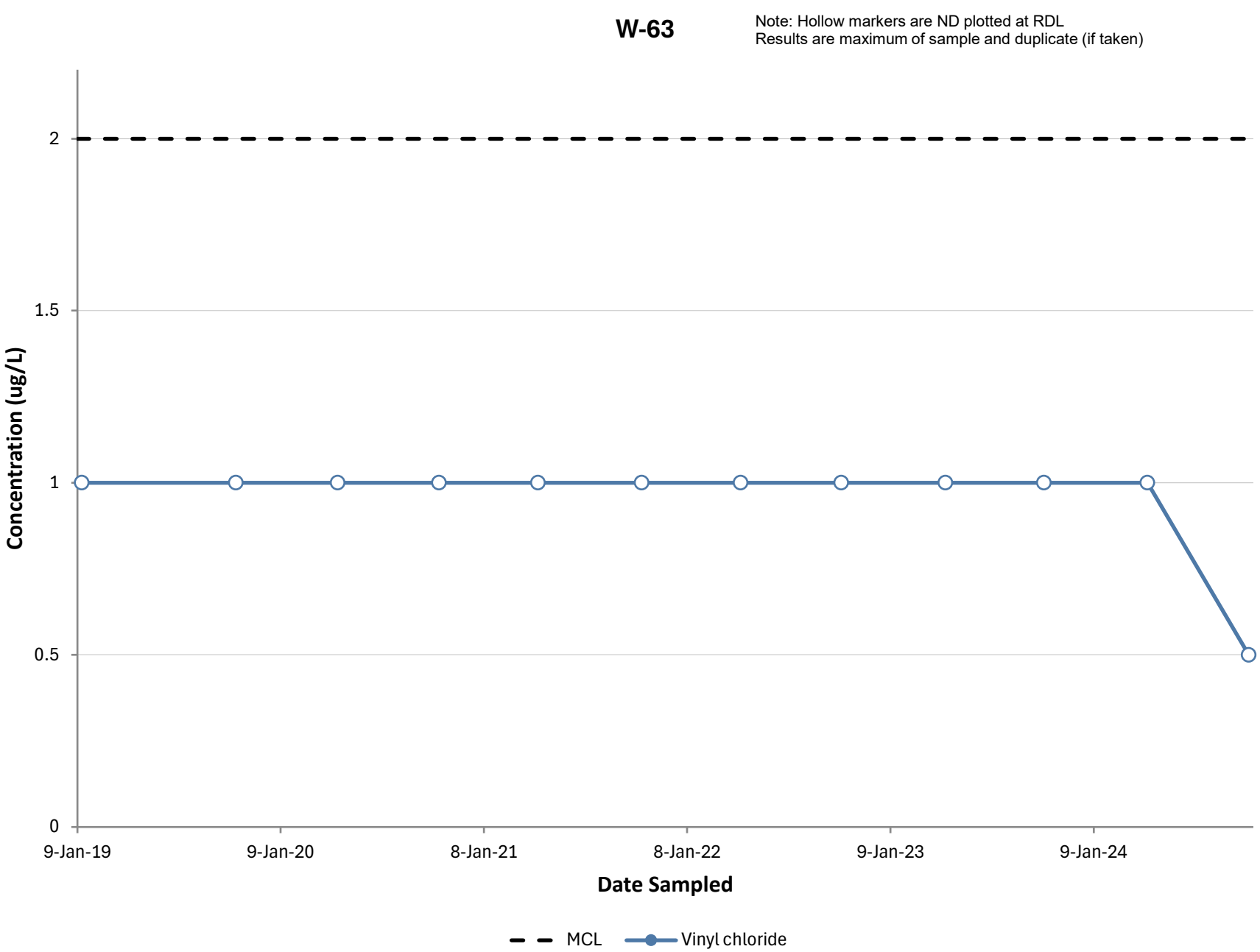

W-58
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

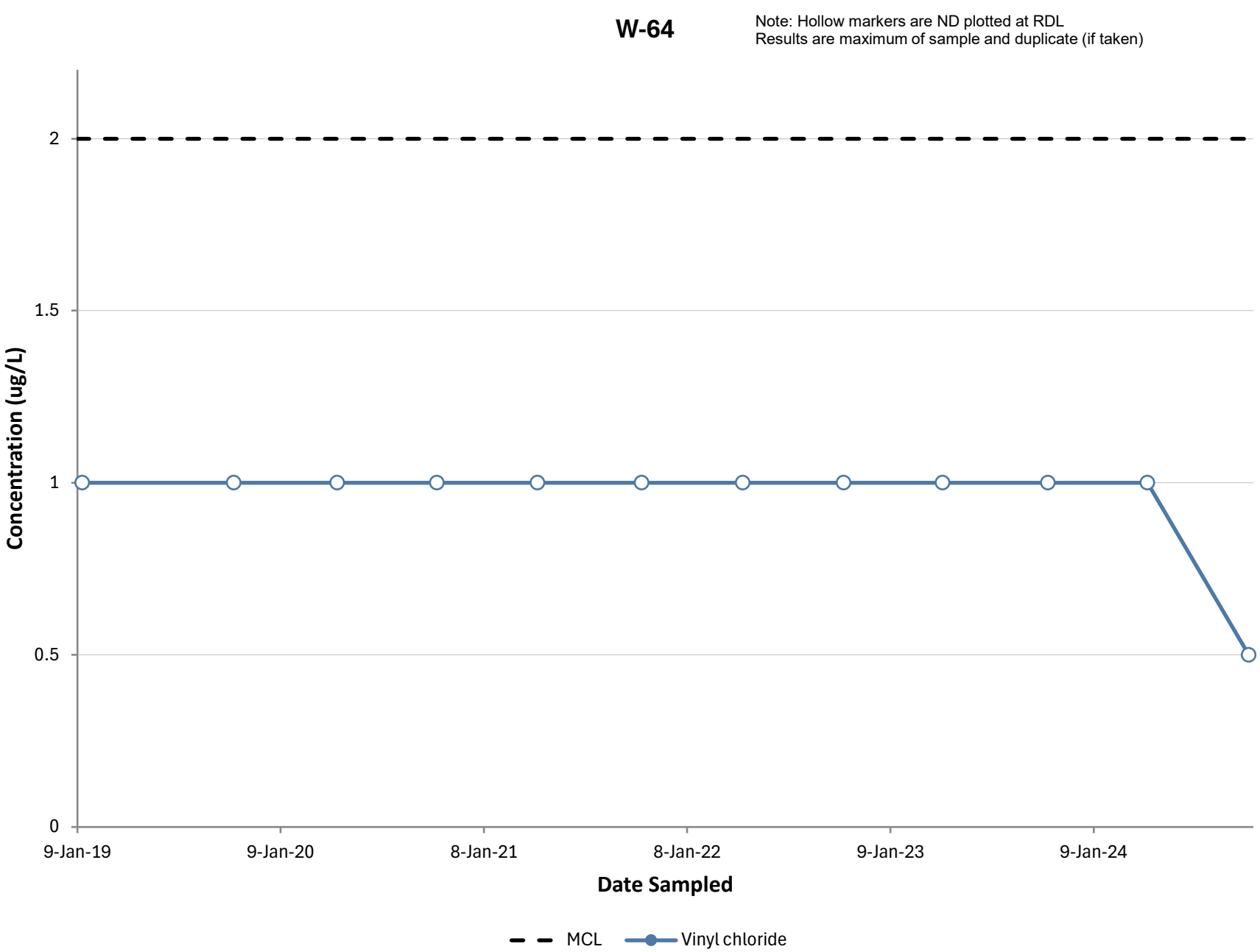

W-59
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

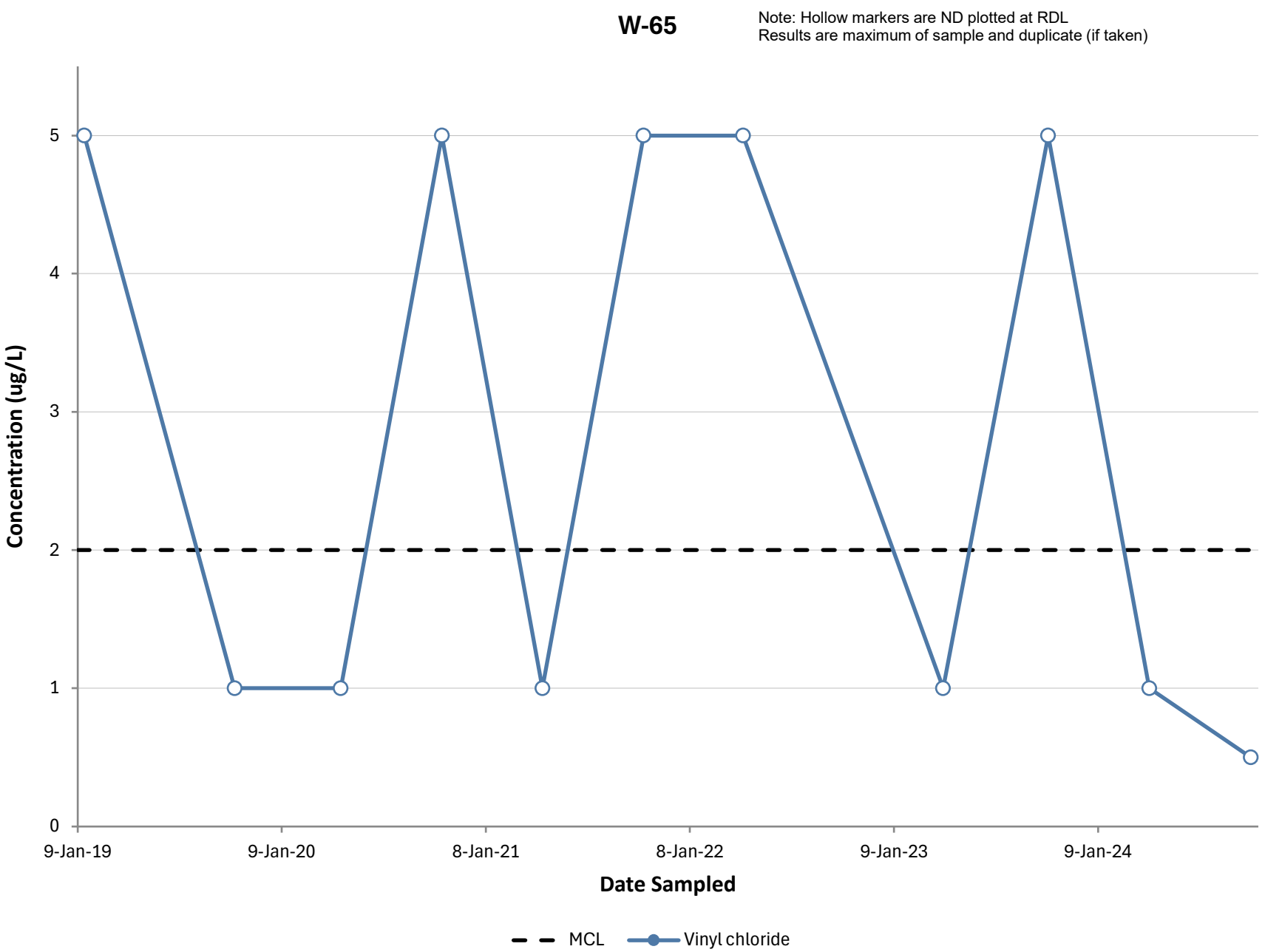

W-60
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

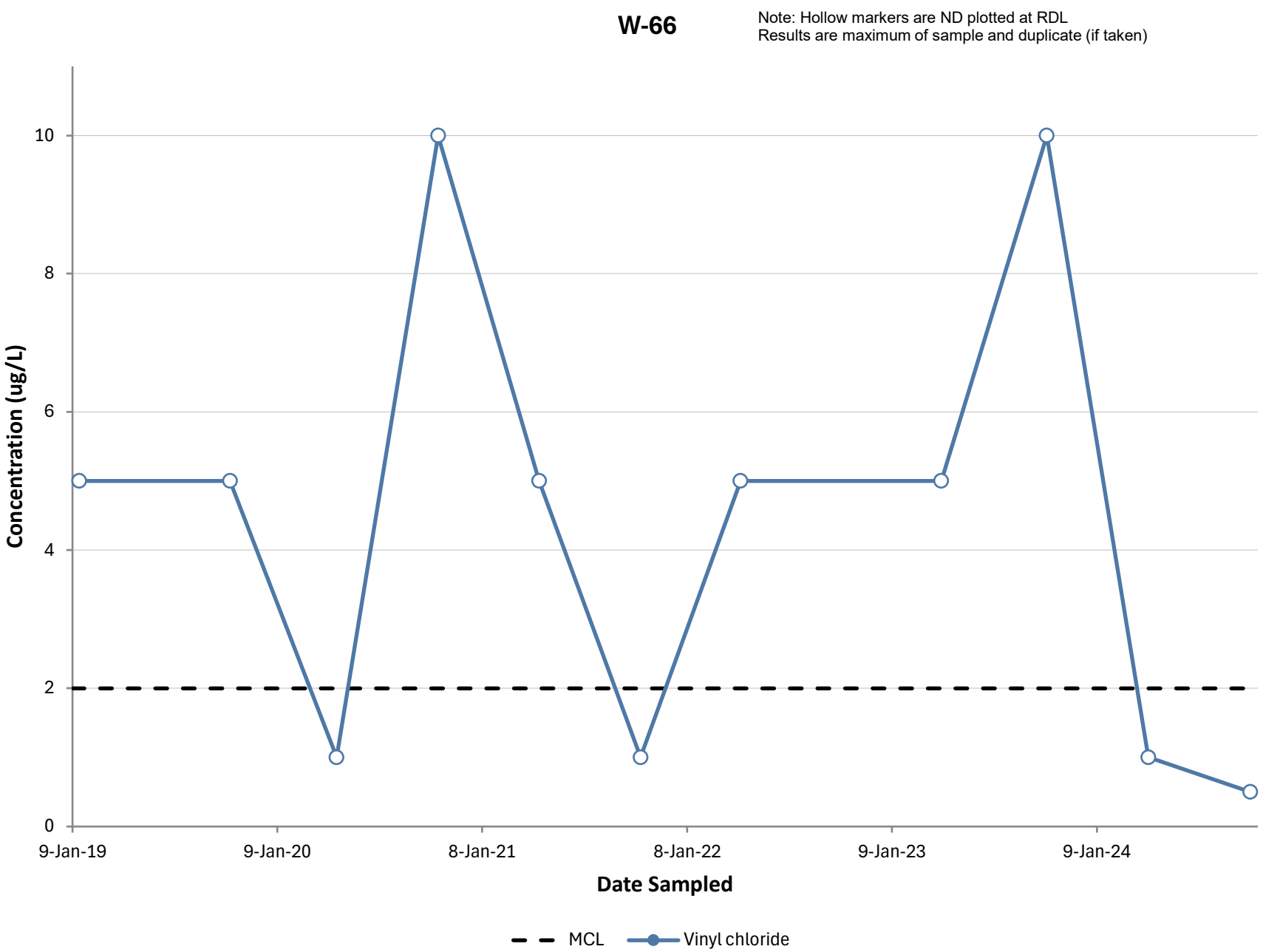

W-61
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

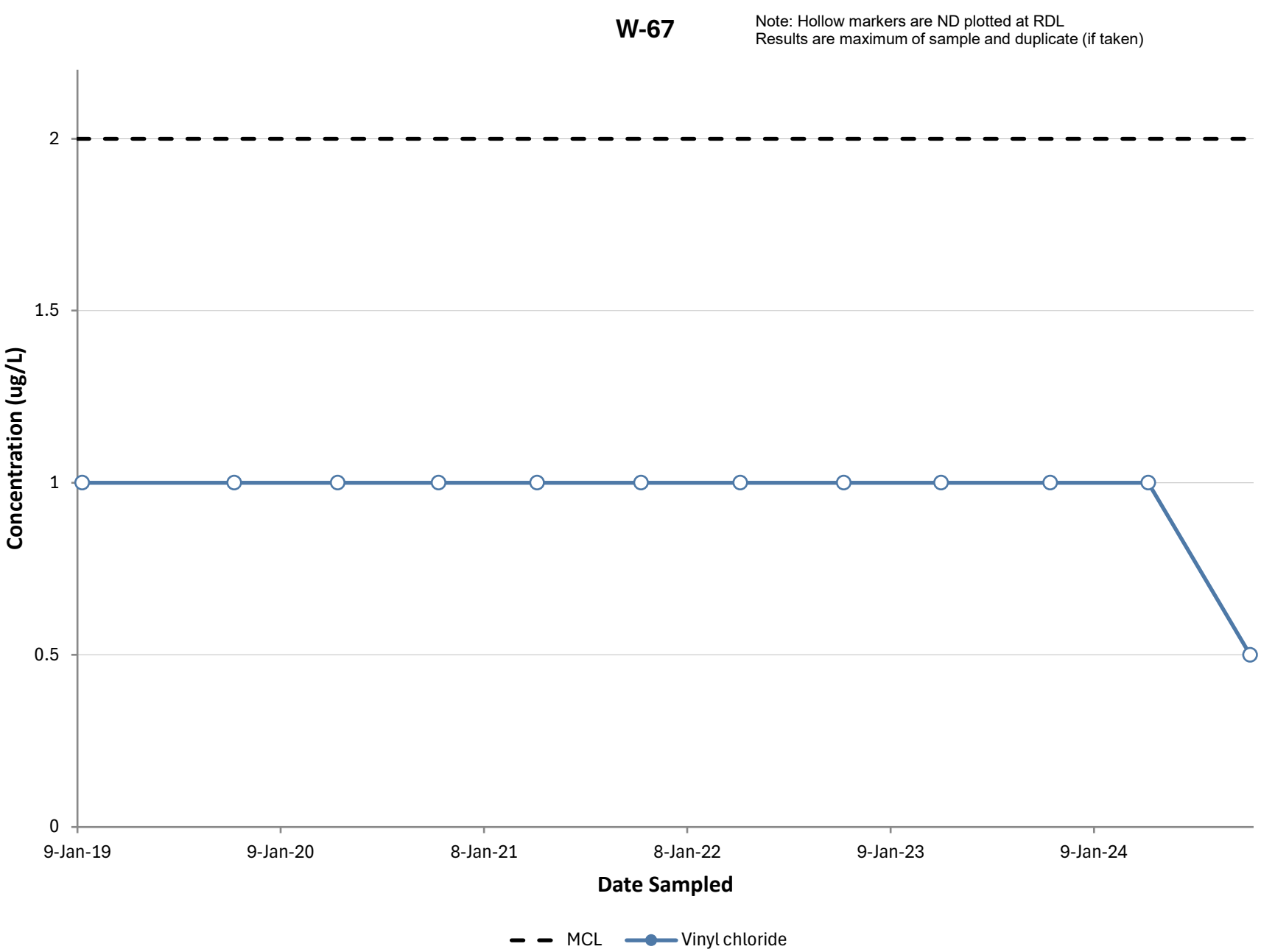

W-62
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

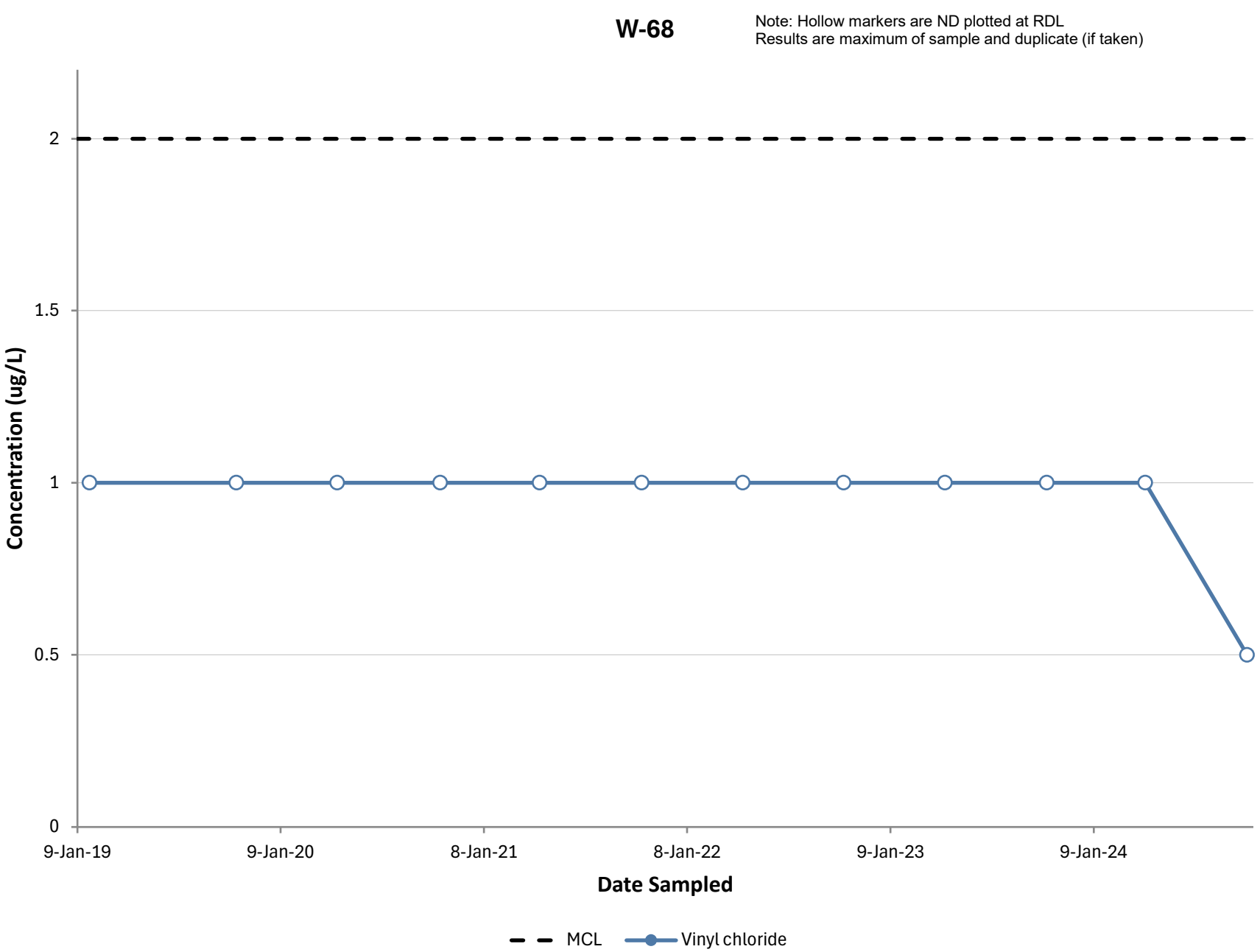

W-63
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

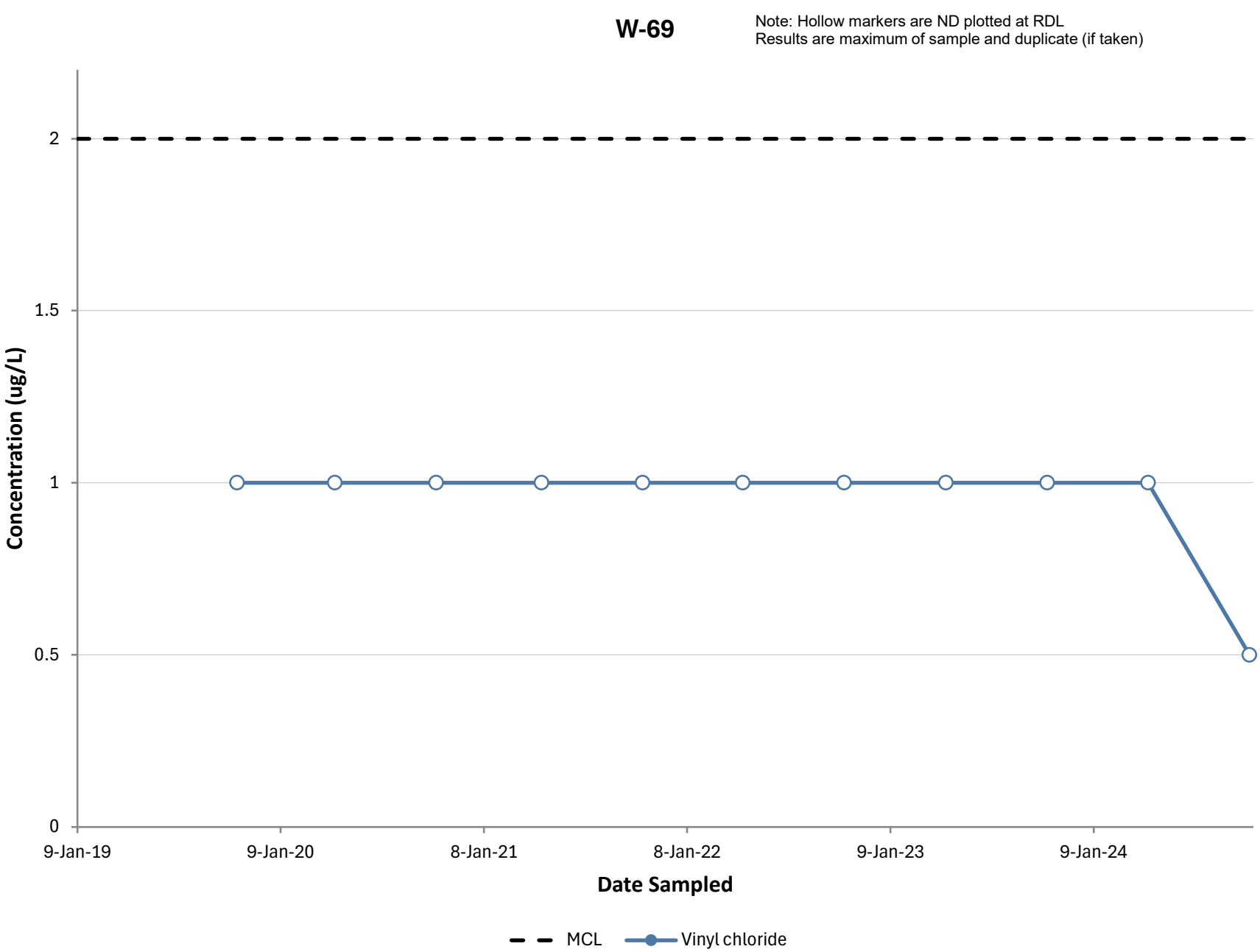

W-64
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

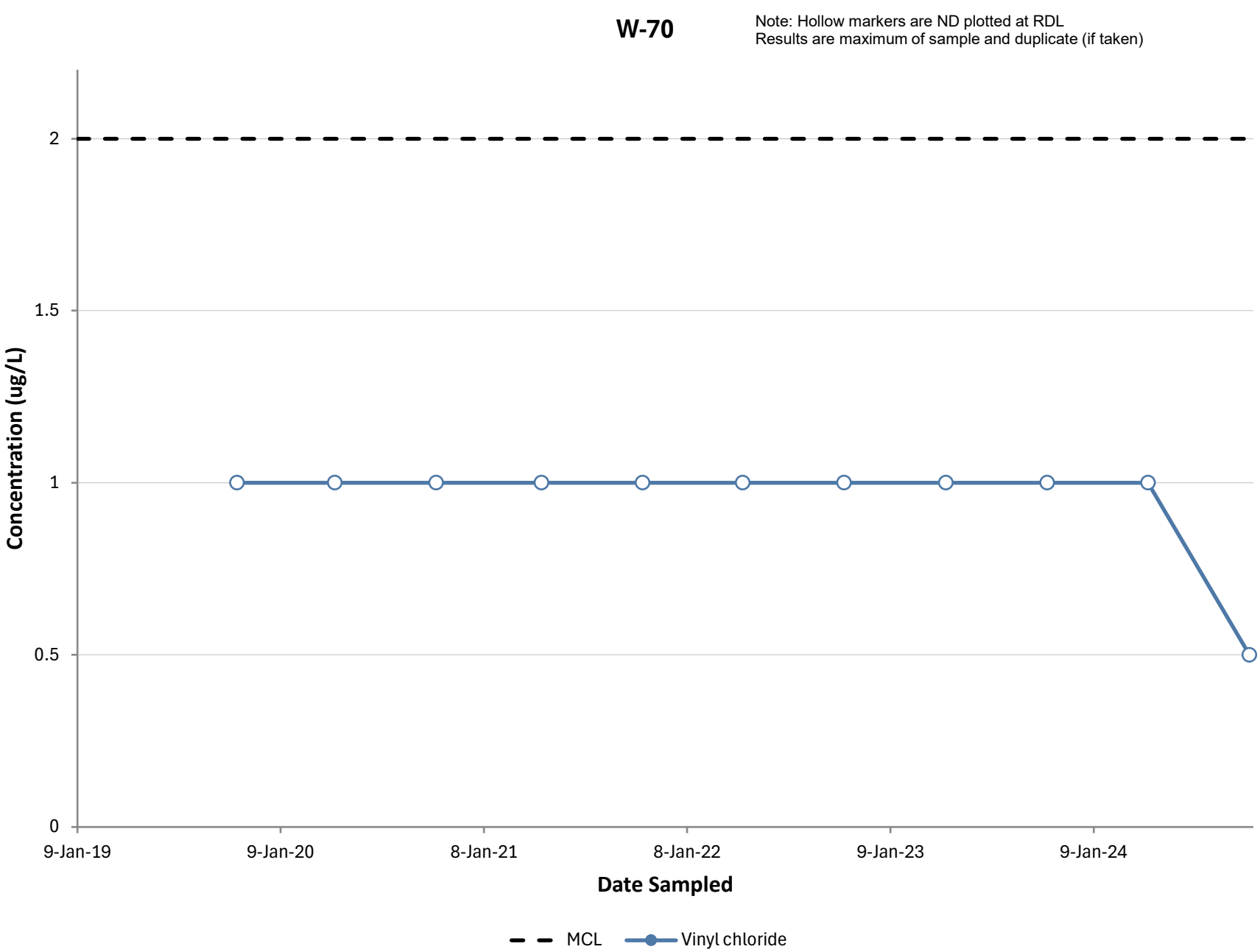

W-65
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

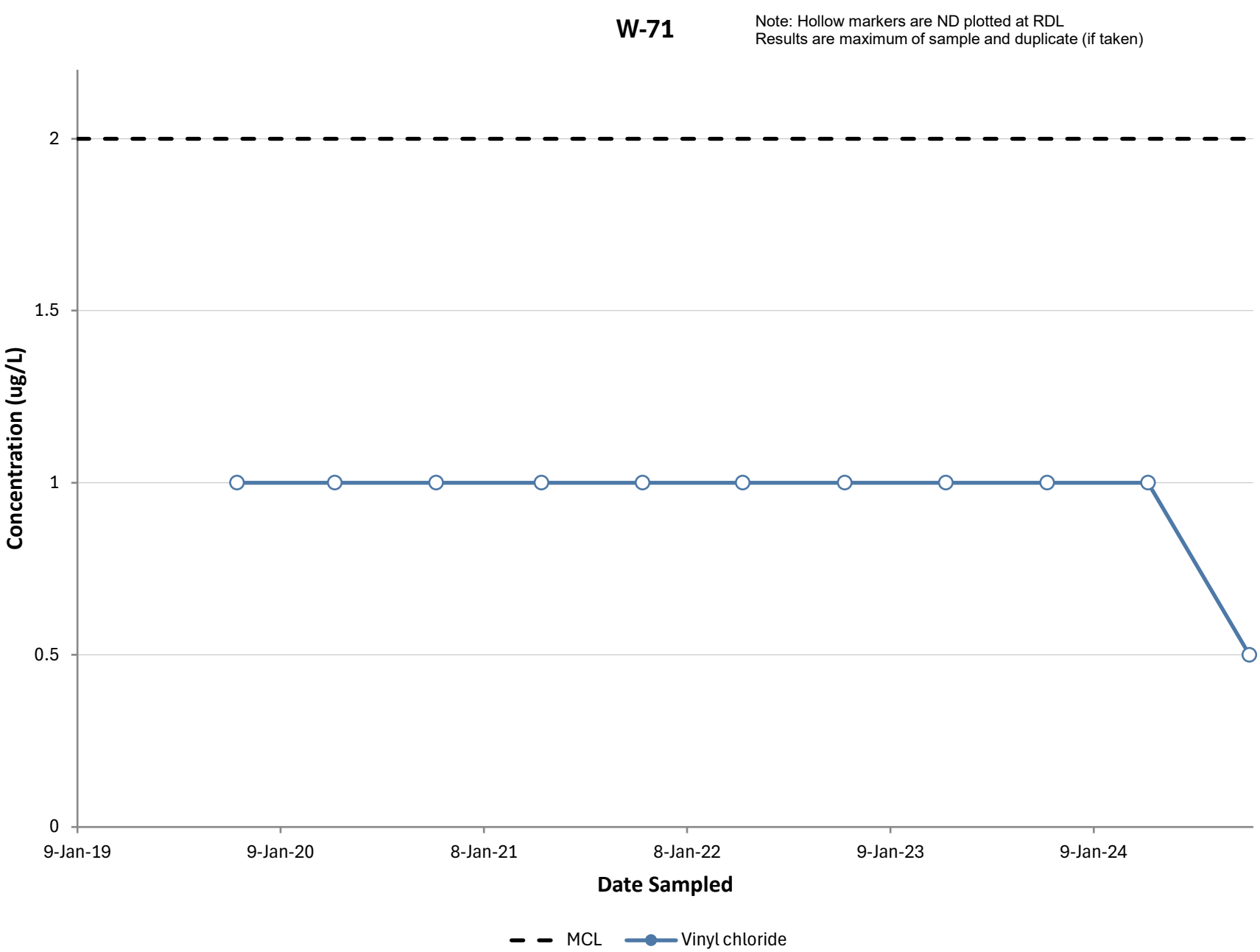

W-66
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
10
8
6
4
2
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

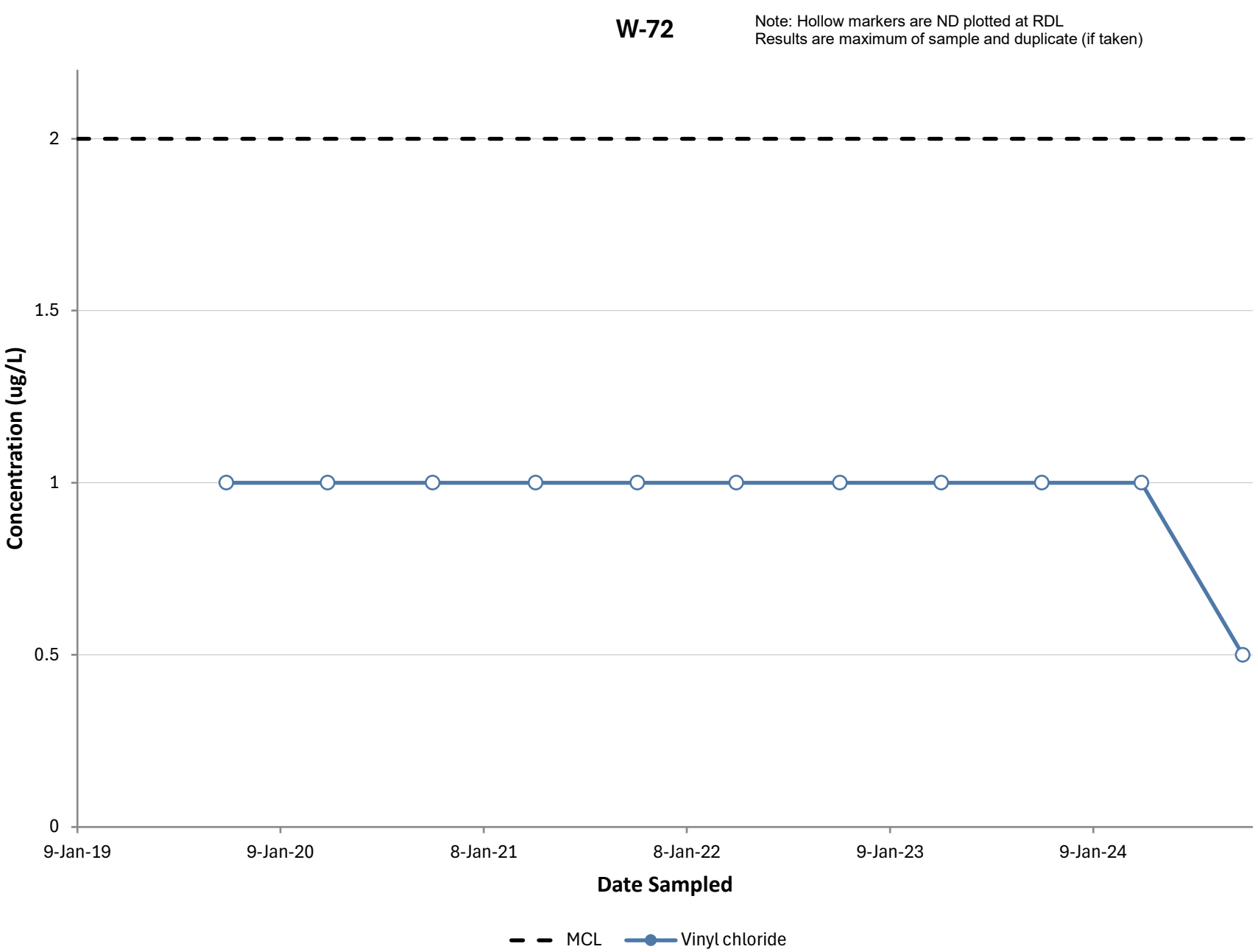

W-67
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

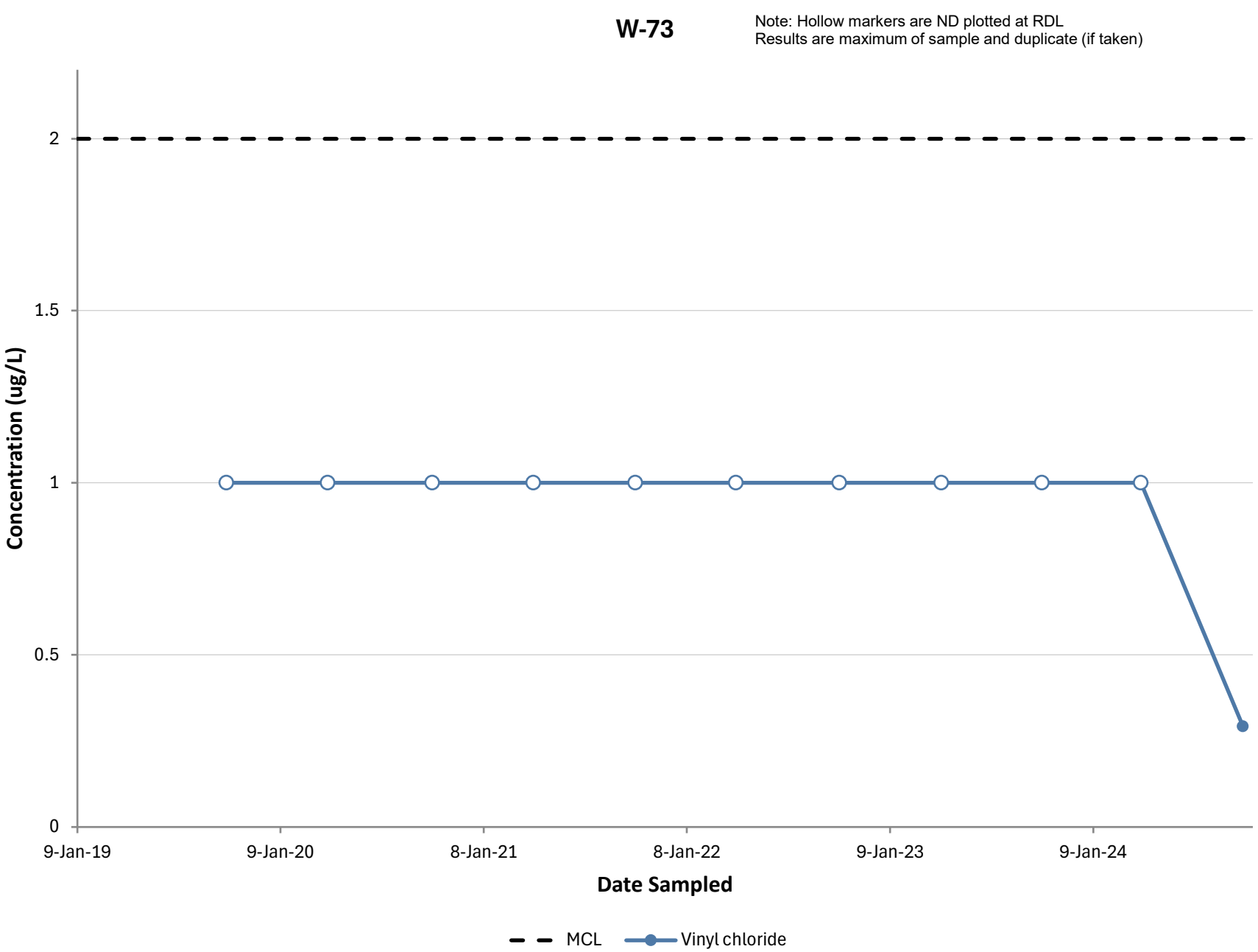

W-68
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

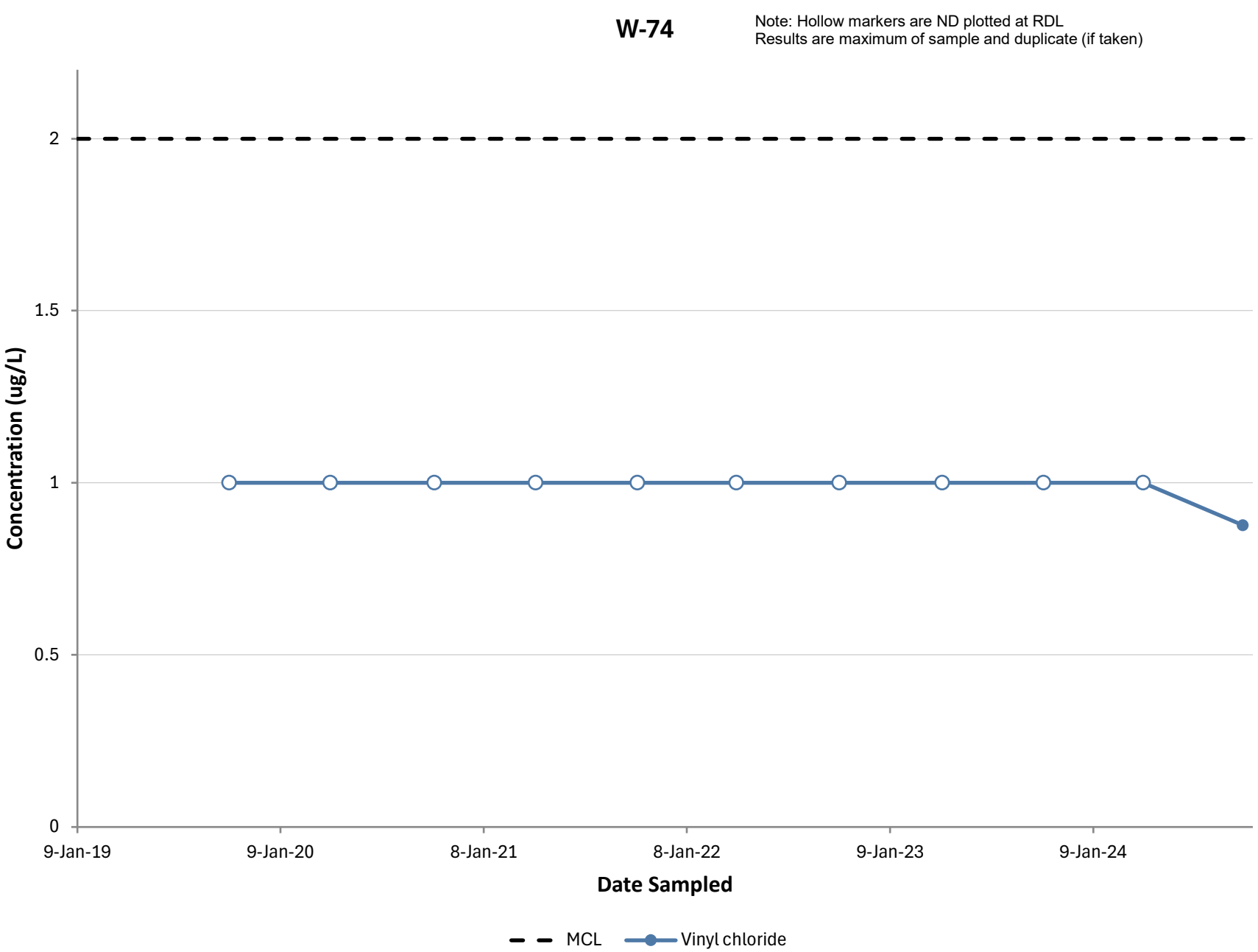

W-69
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

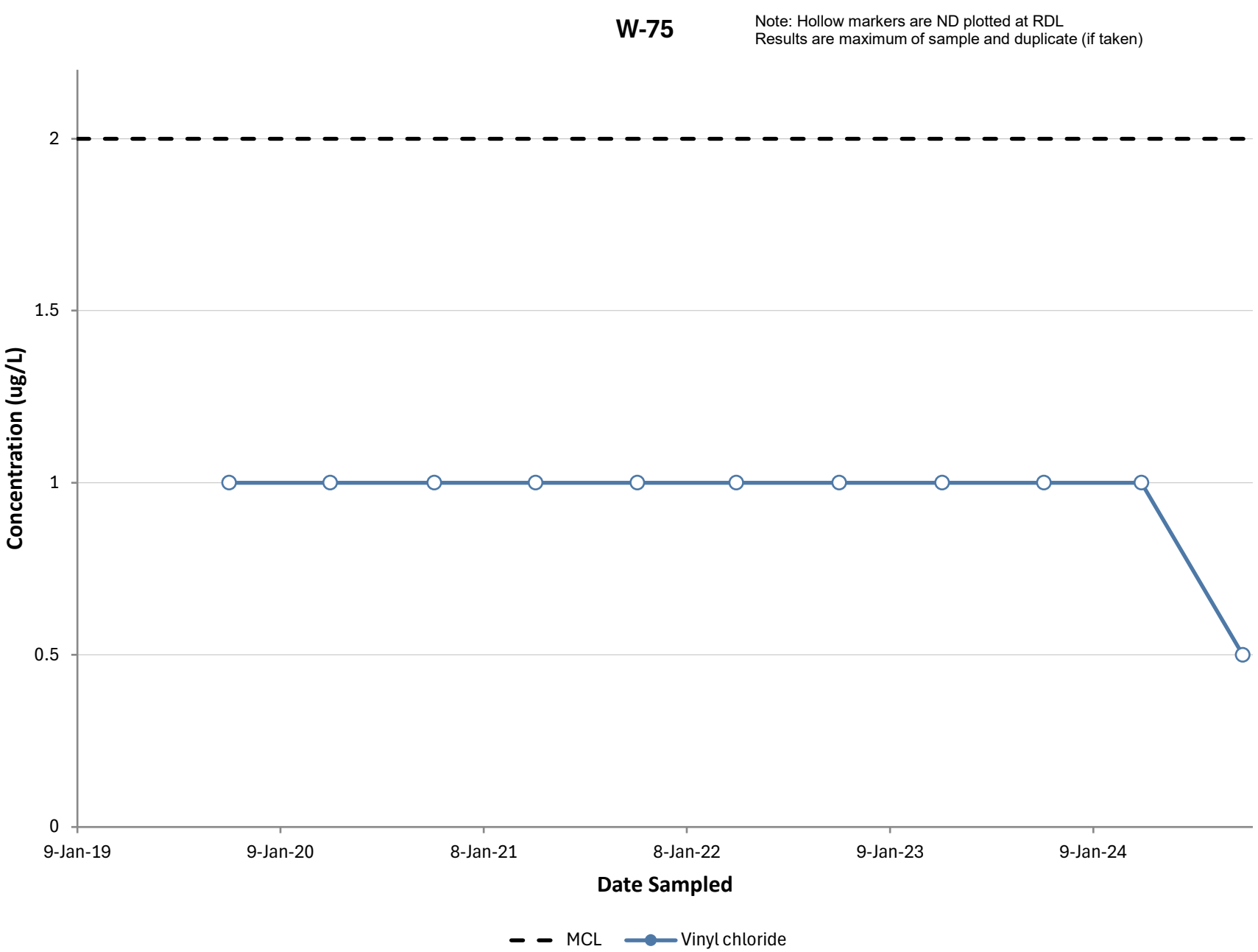

W-70
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

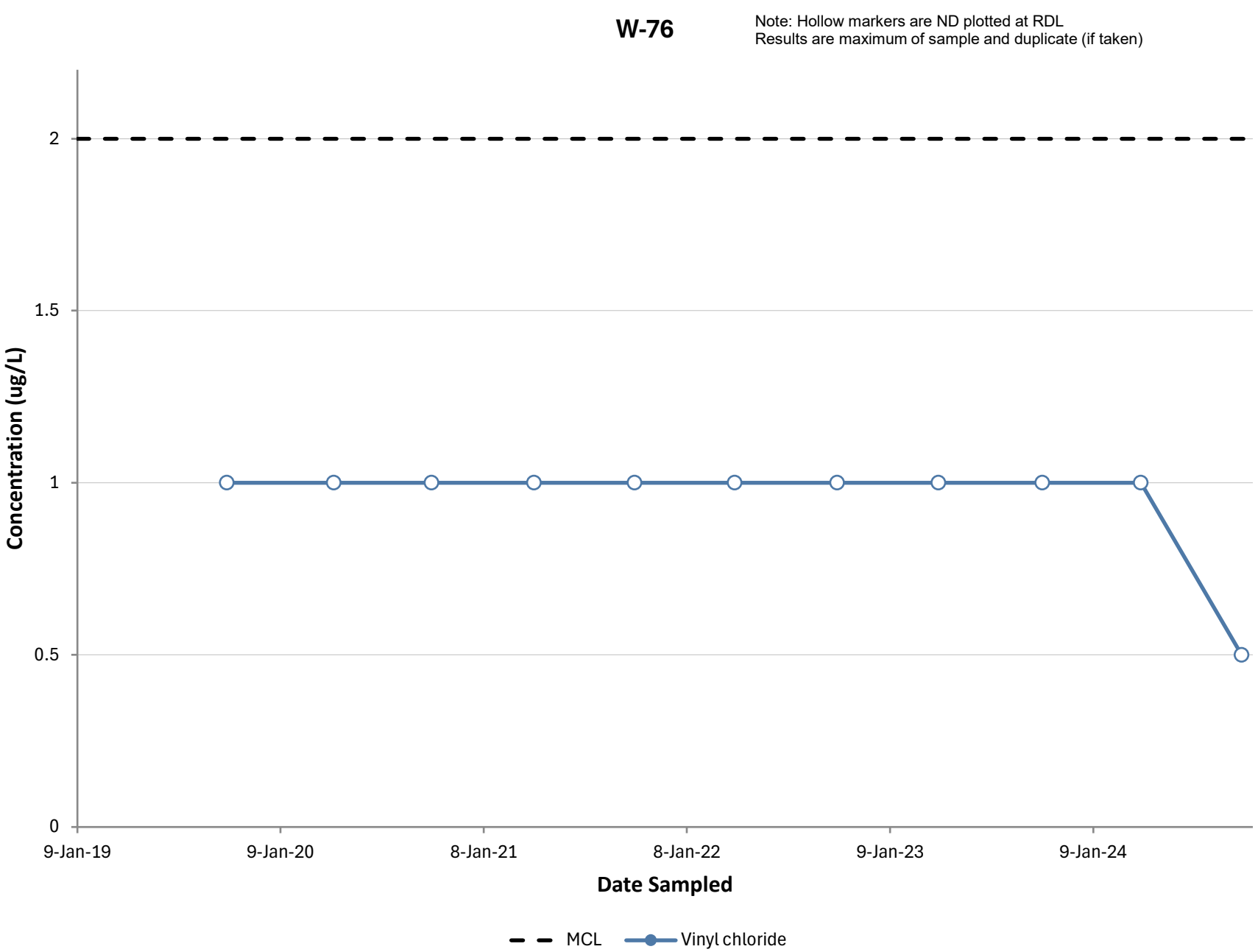

W-71
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

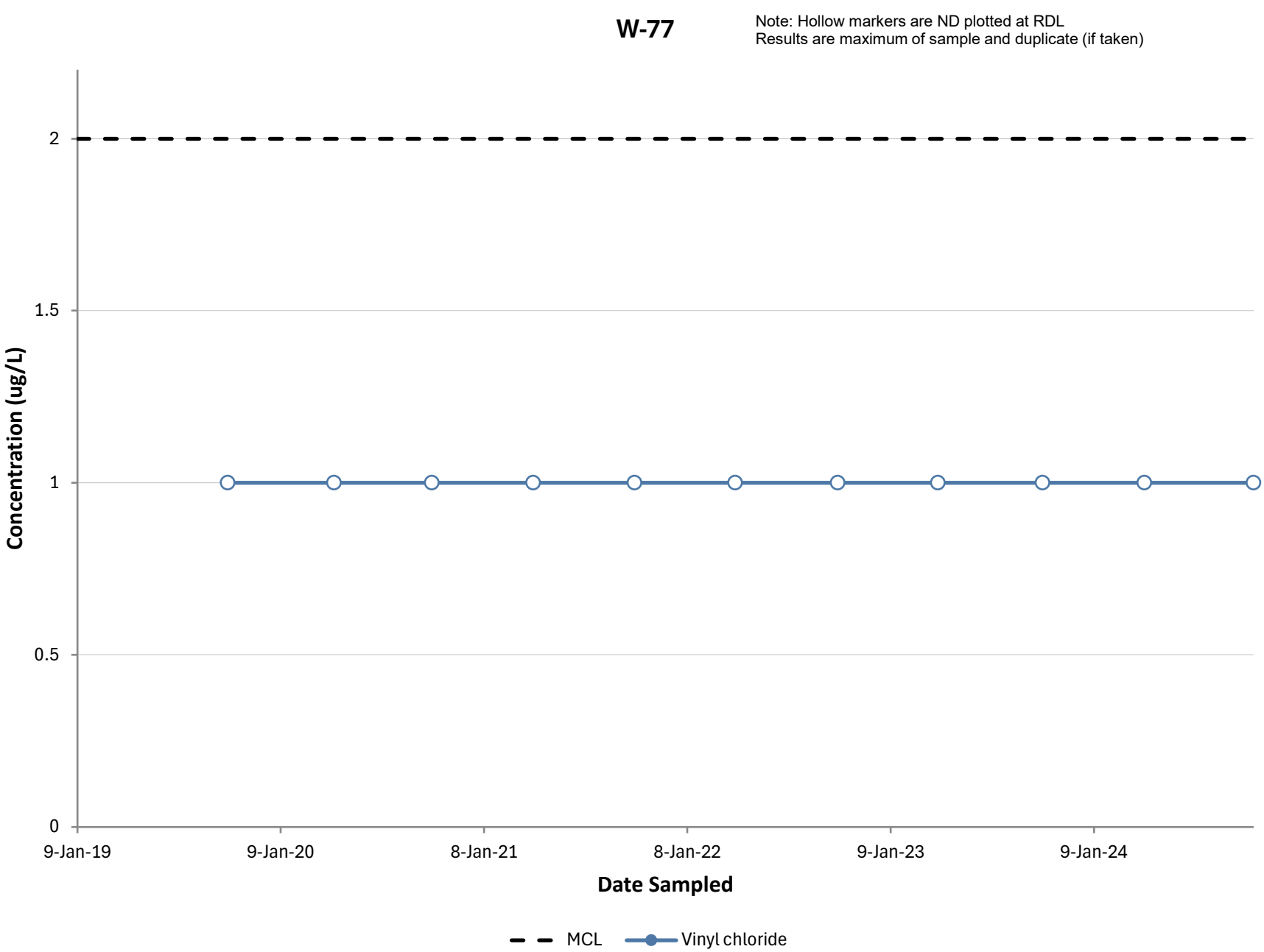

W-72
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

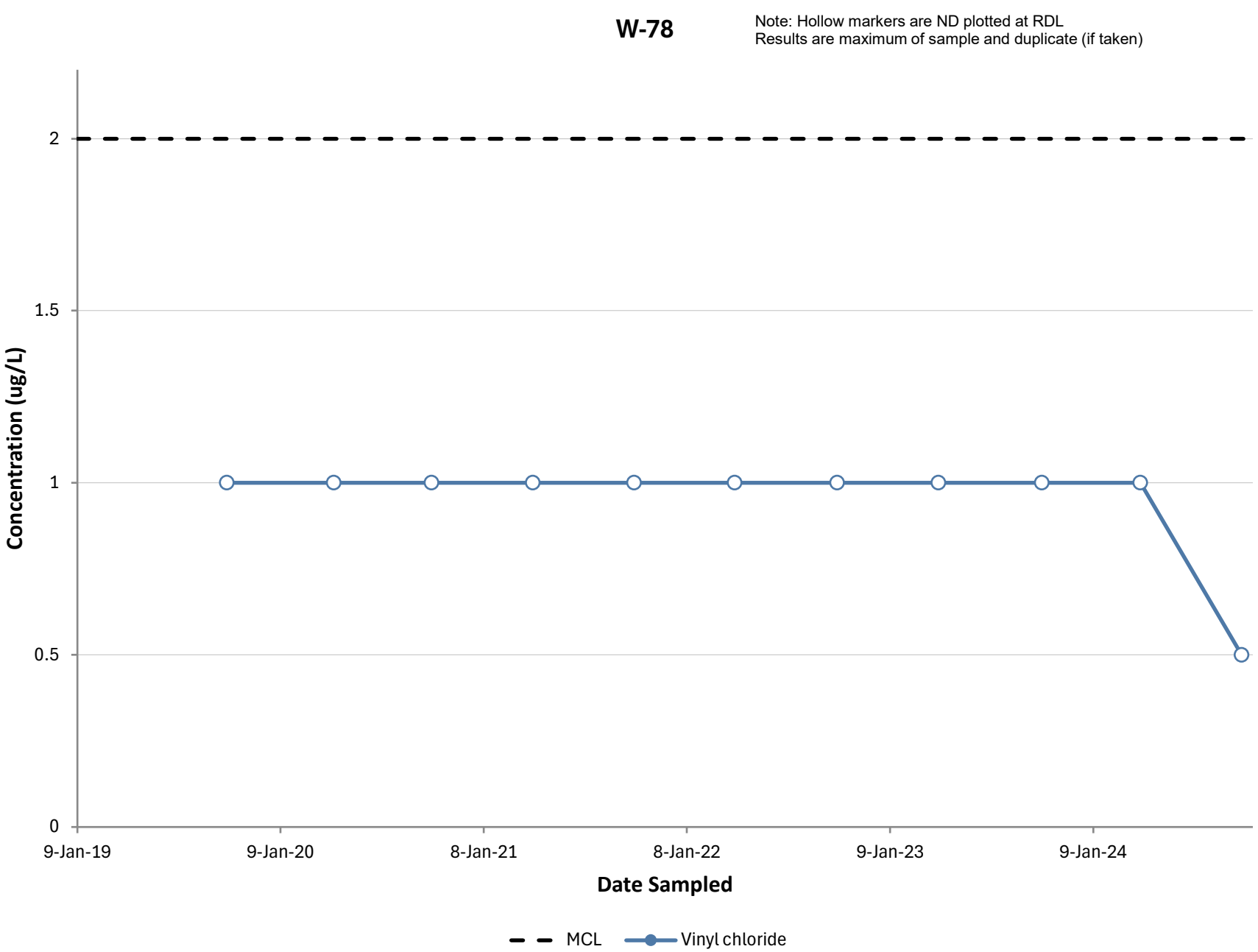

W-73
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

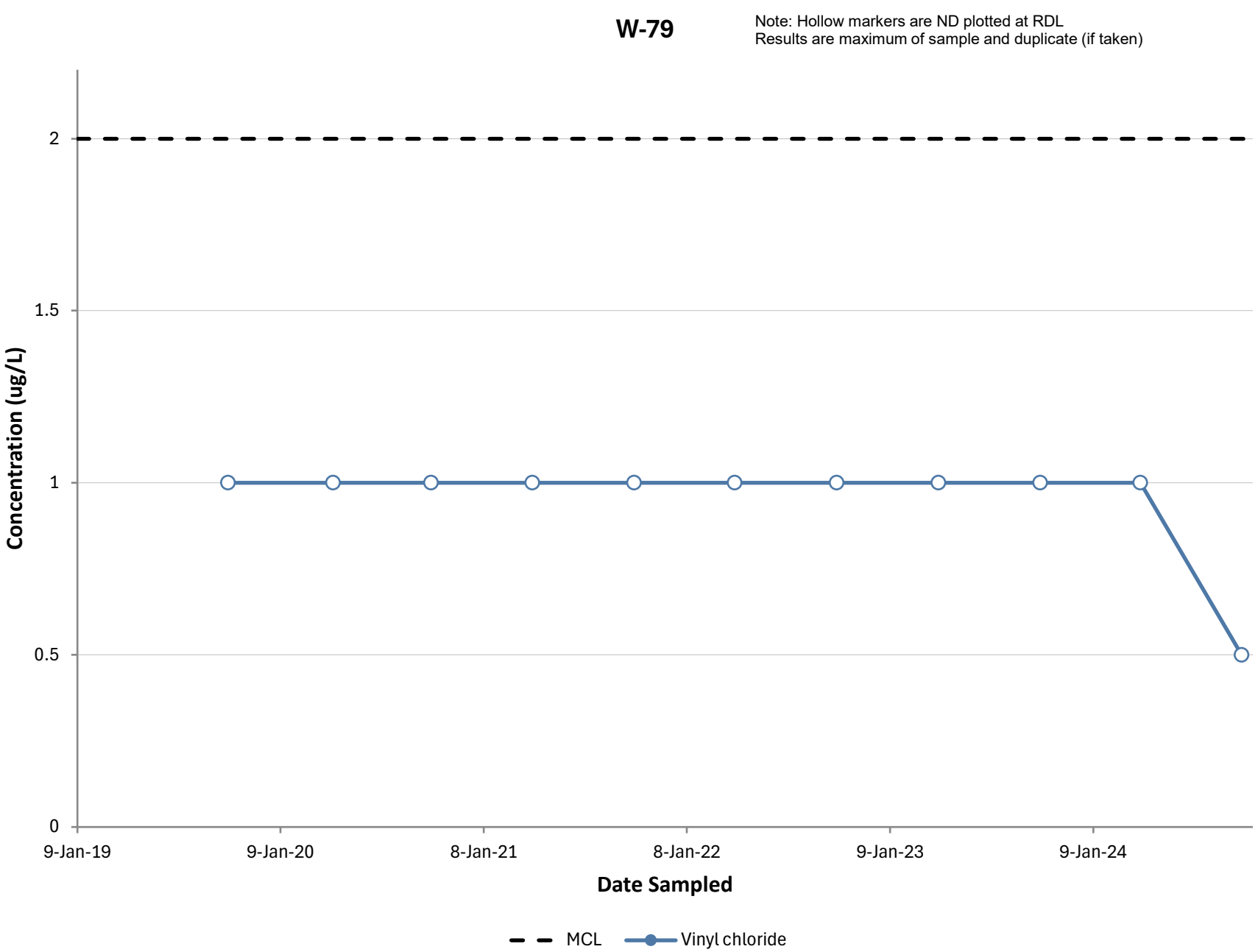

W-74
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

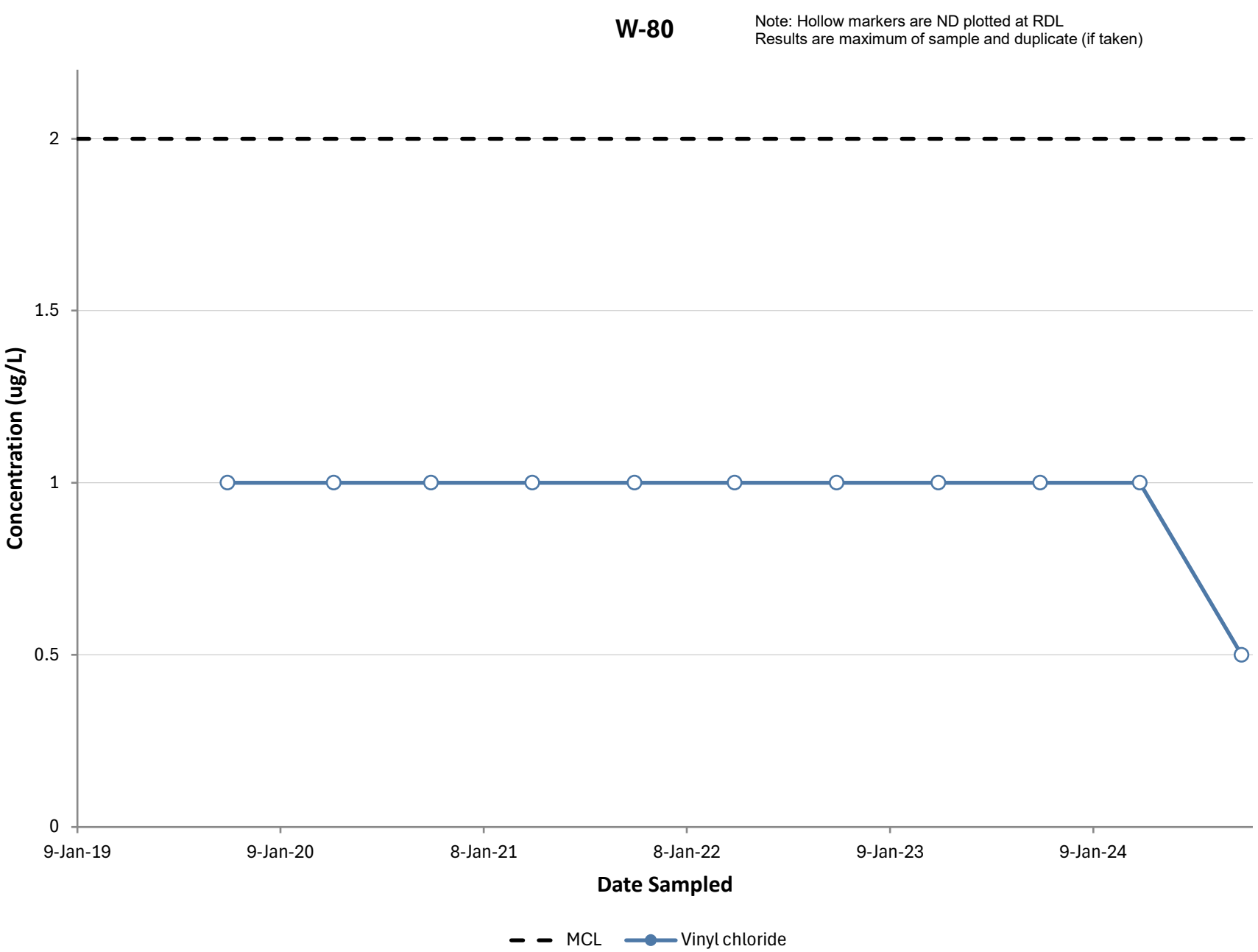

W-75
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

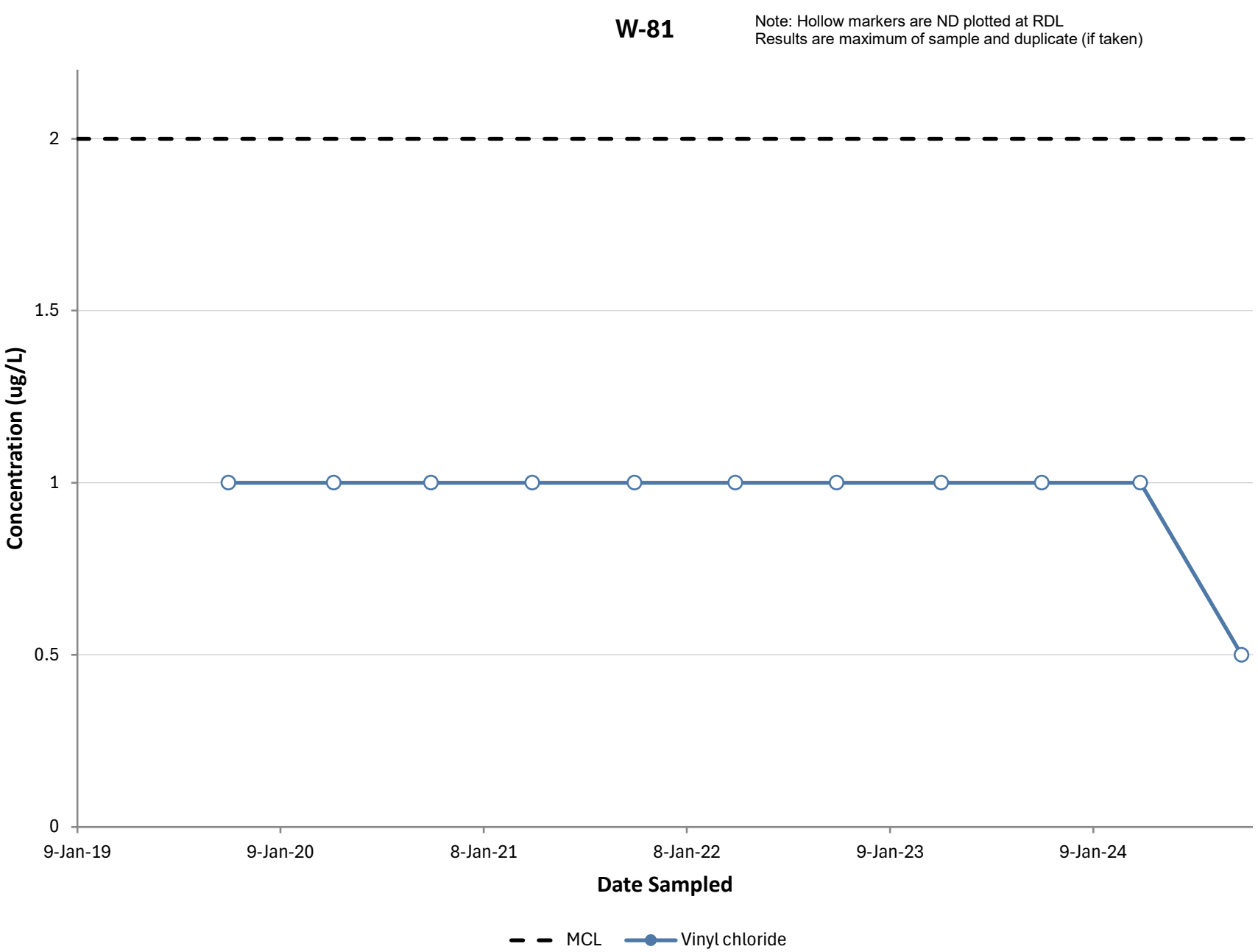

W-76
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

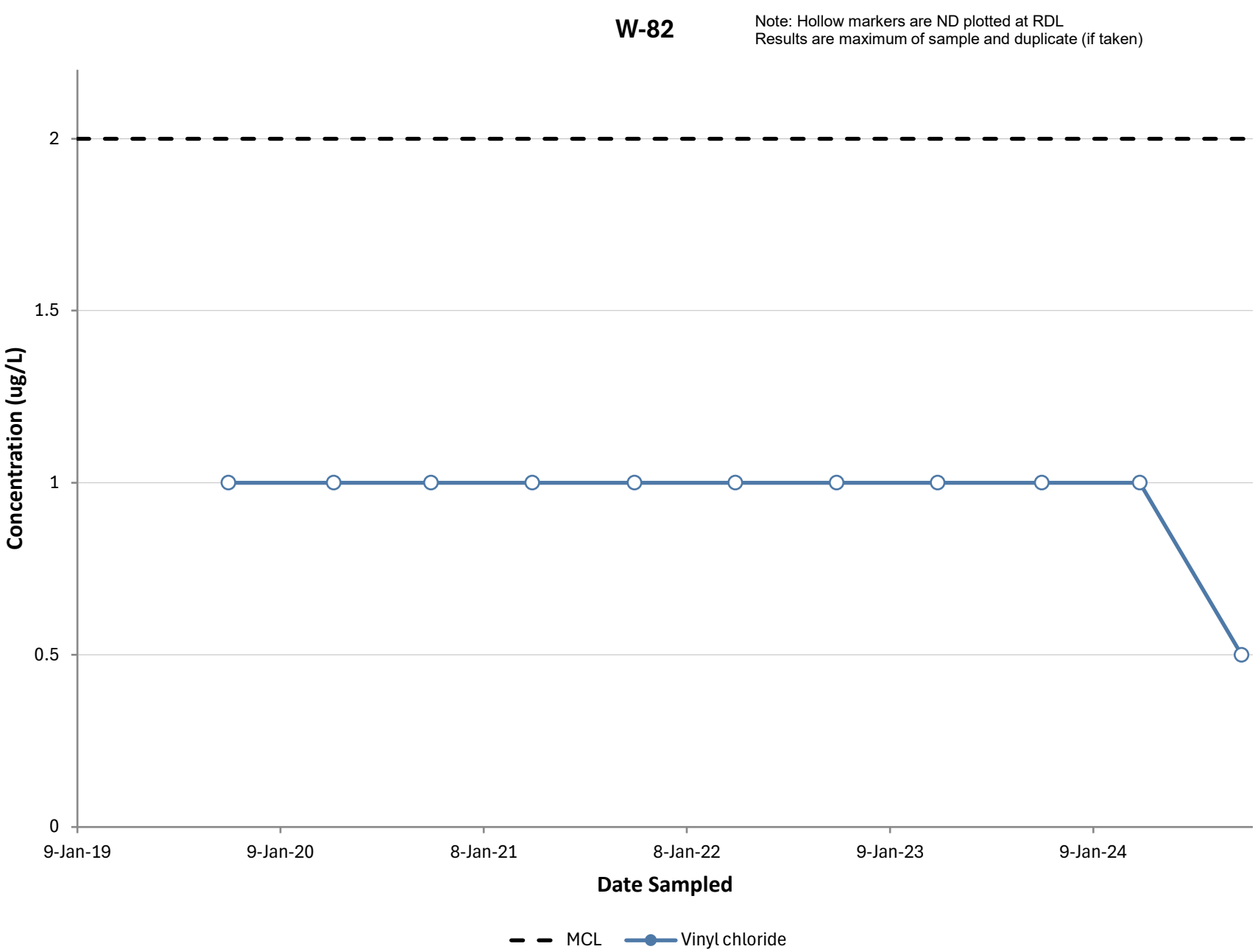

W-77
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

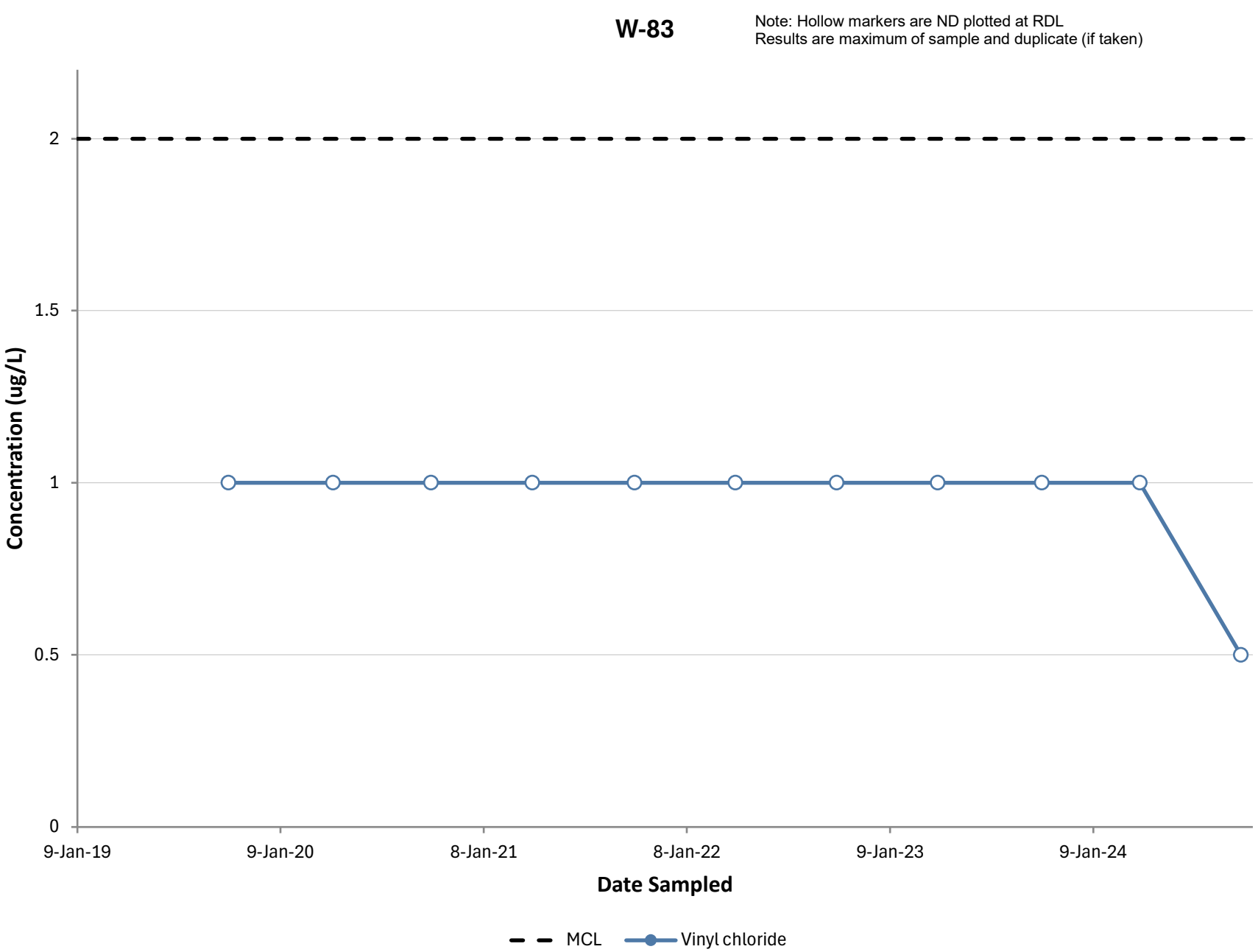

W-78
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

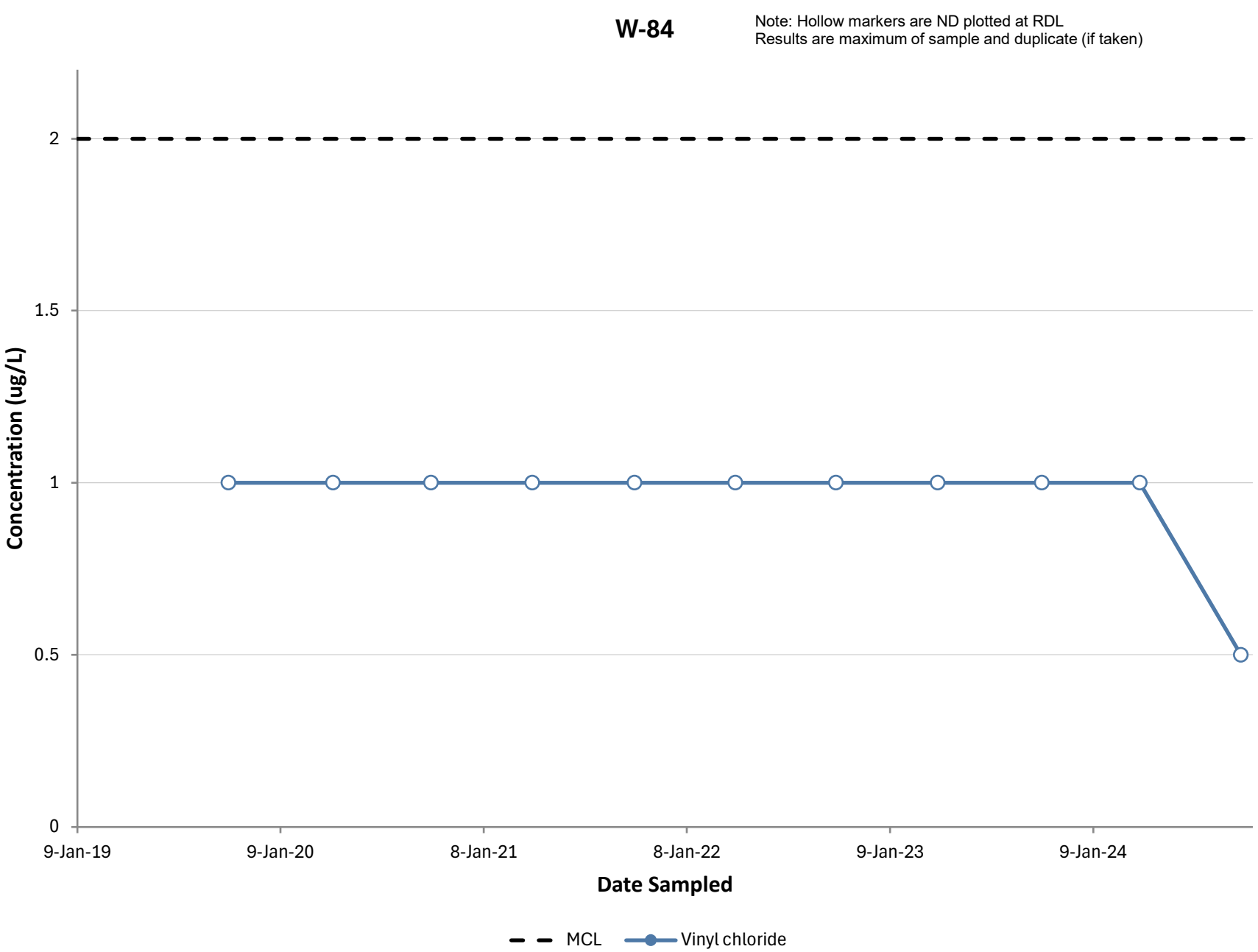

W-79
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

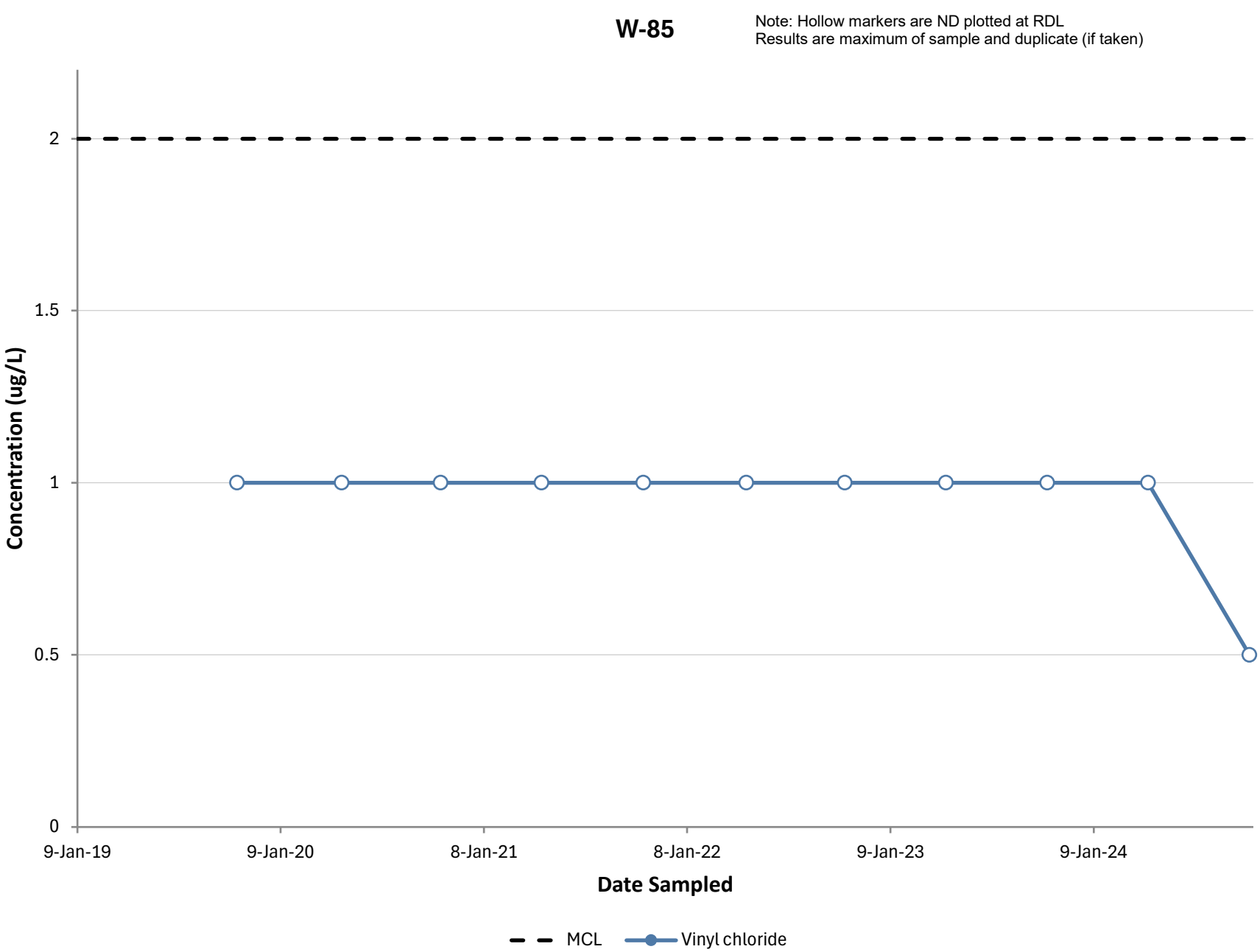

W-80
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

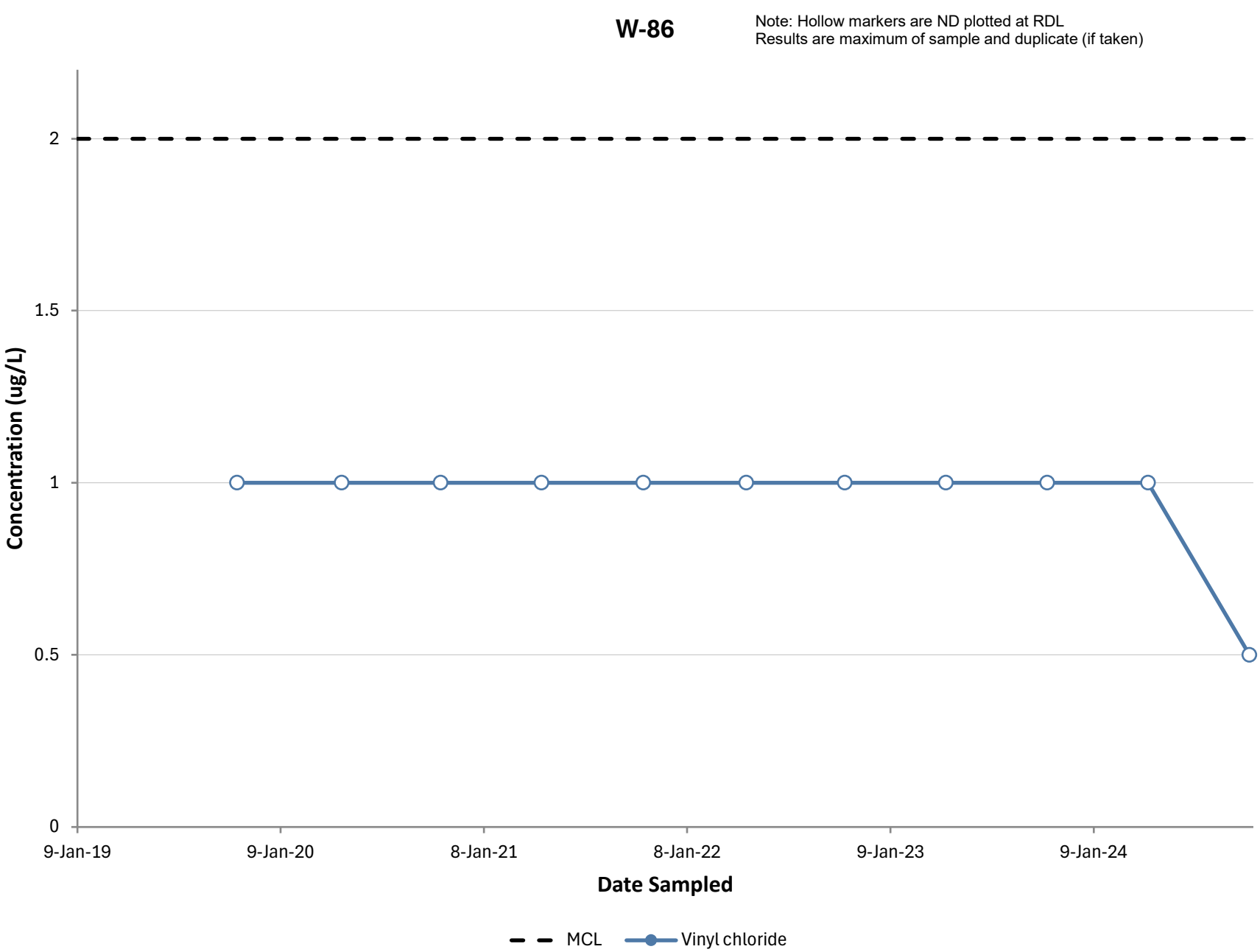

W-81
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

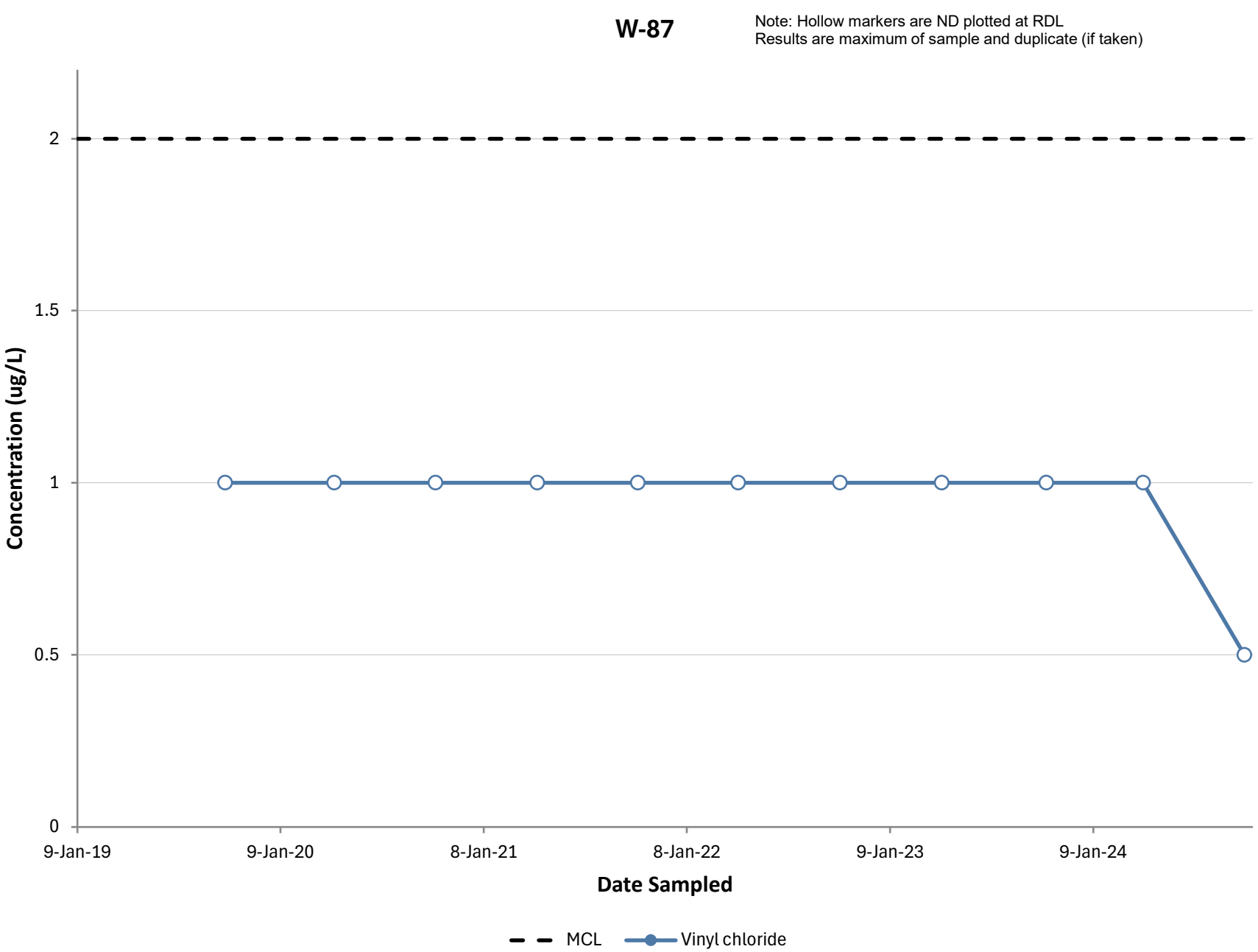

W-82
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

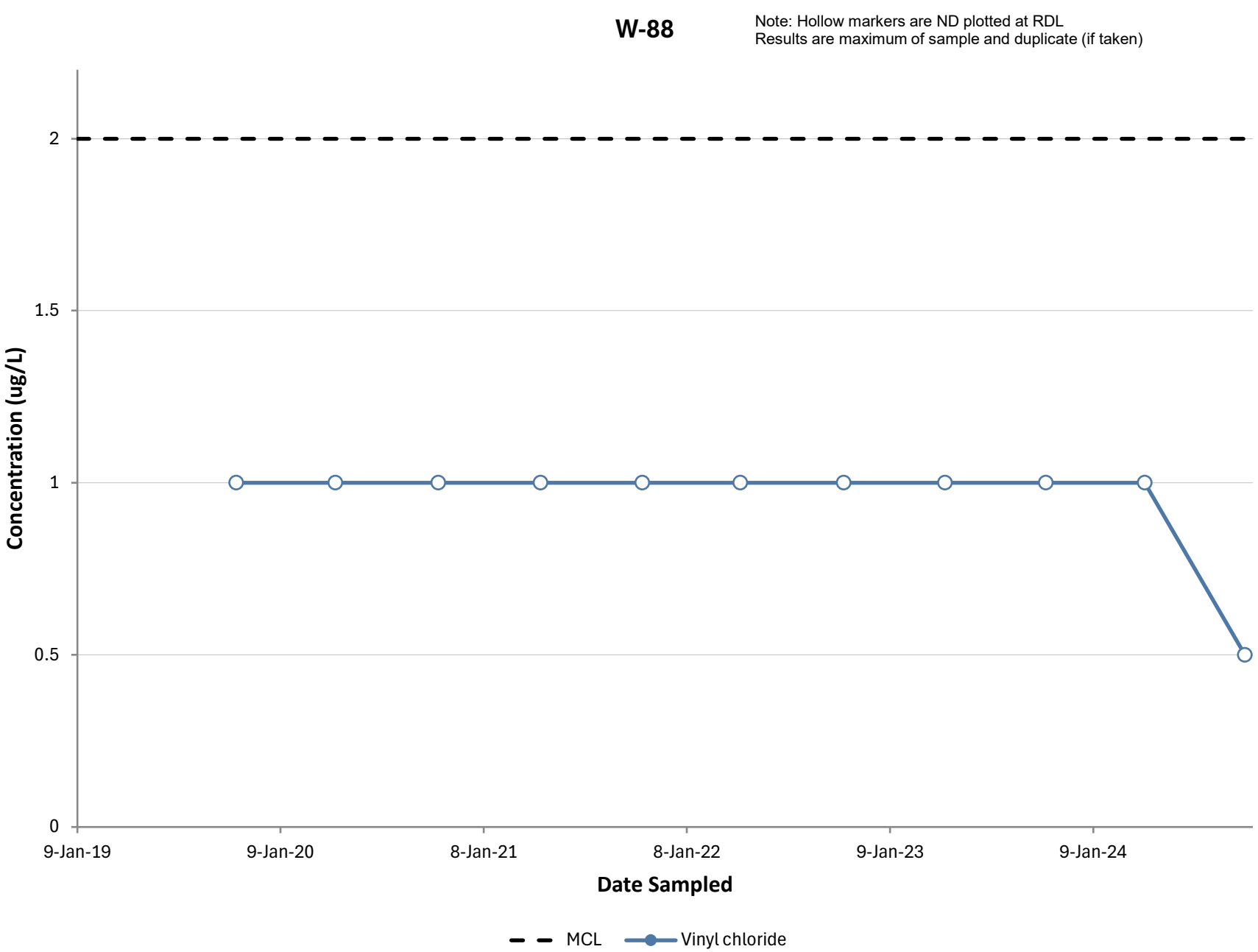

W-83
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

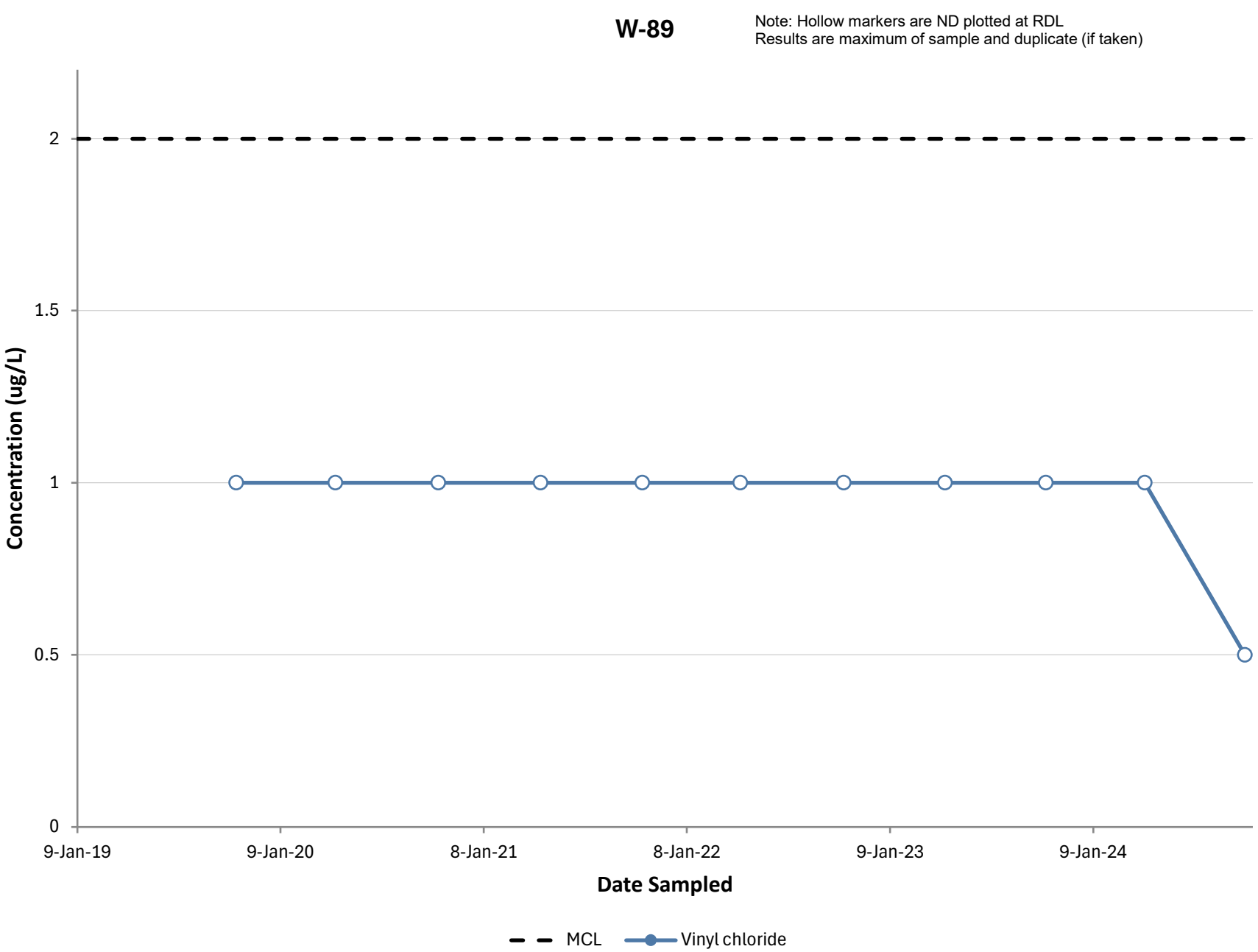

W-84
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

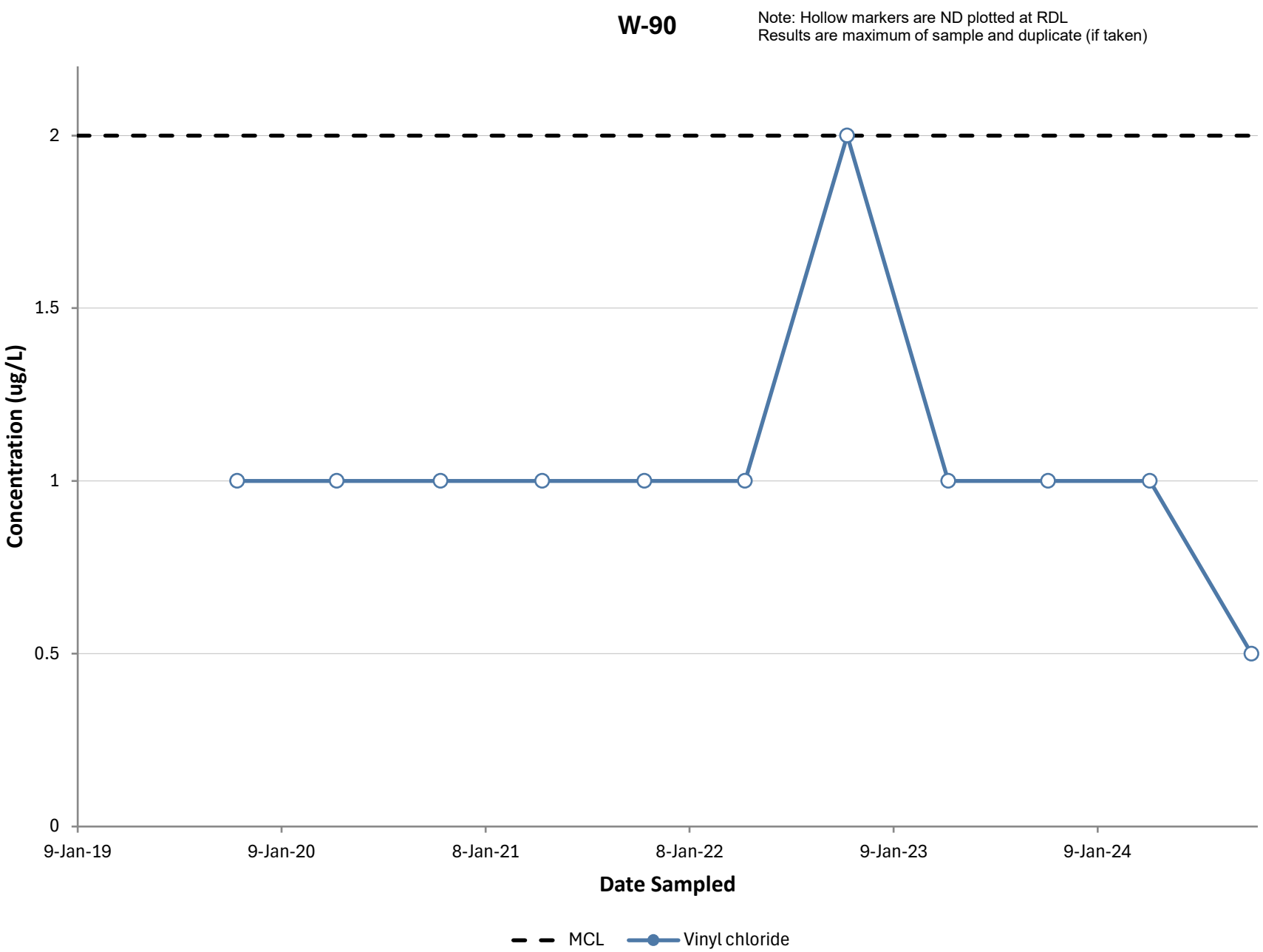

W-85
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

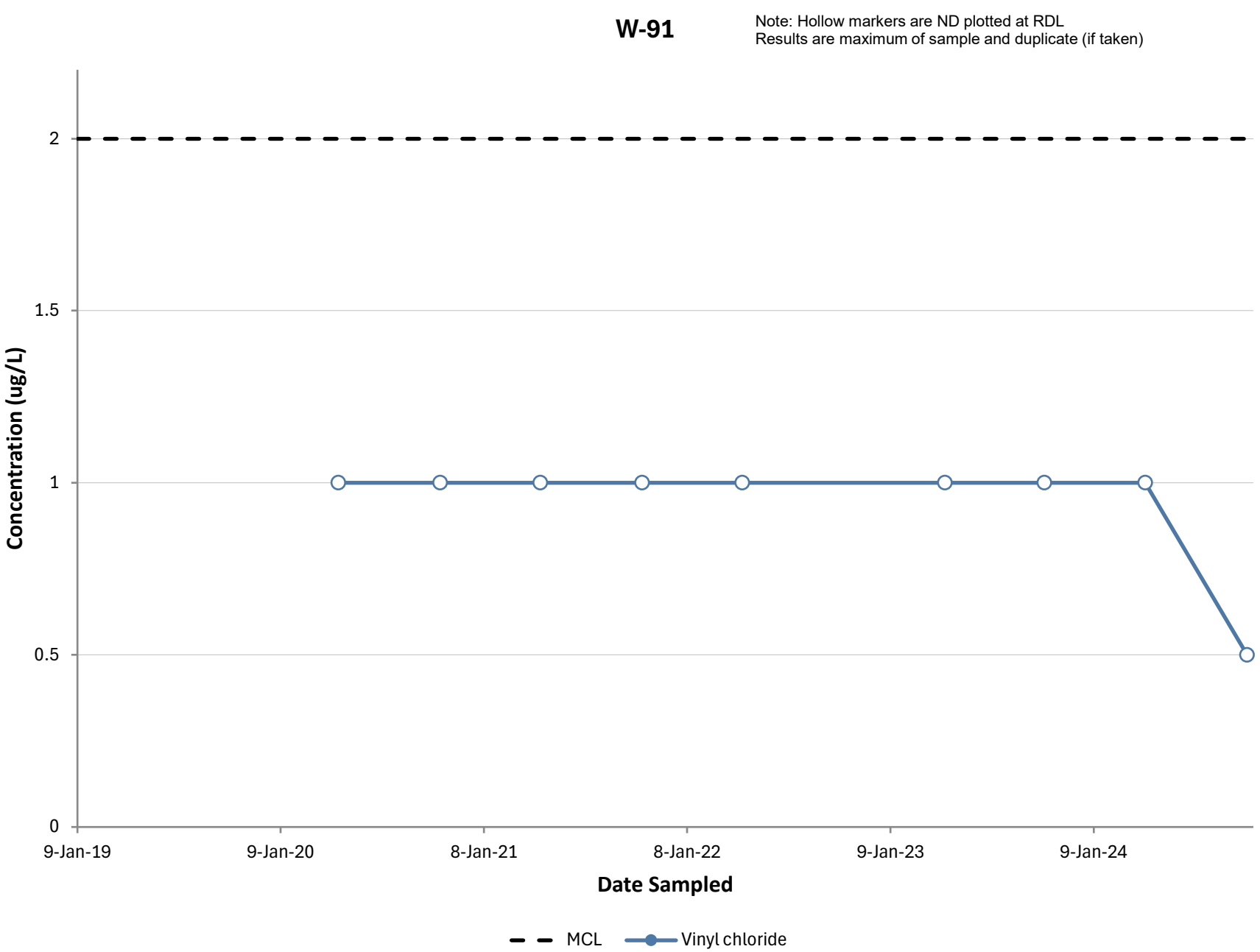

W-86
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

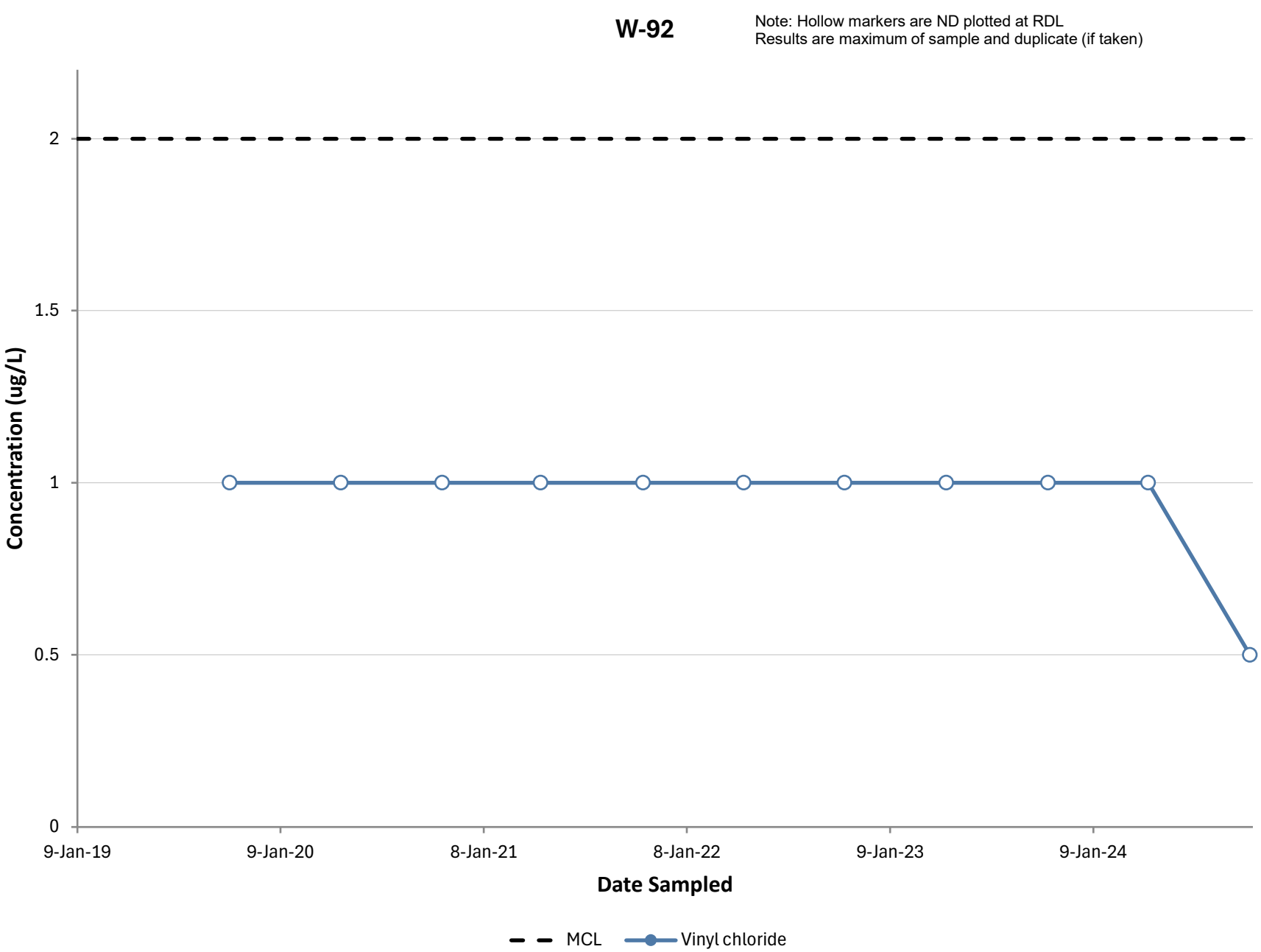

W-87
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

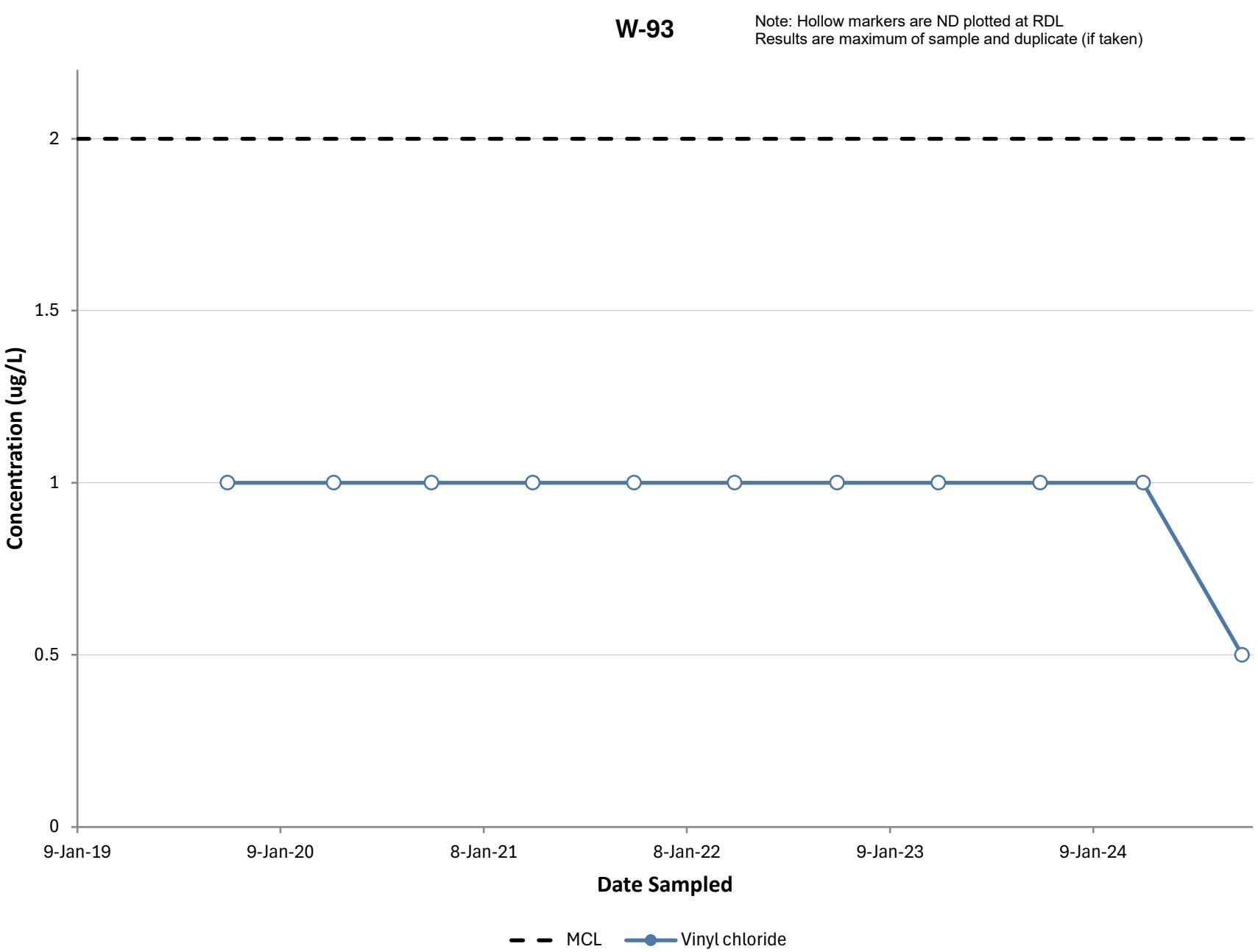

W-88
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

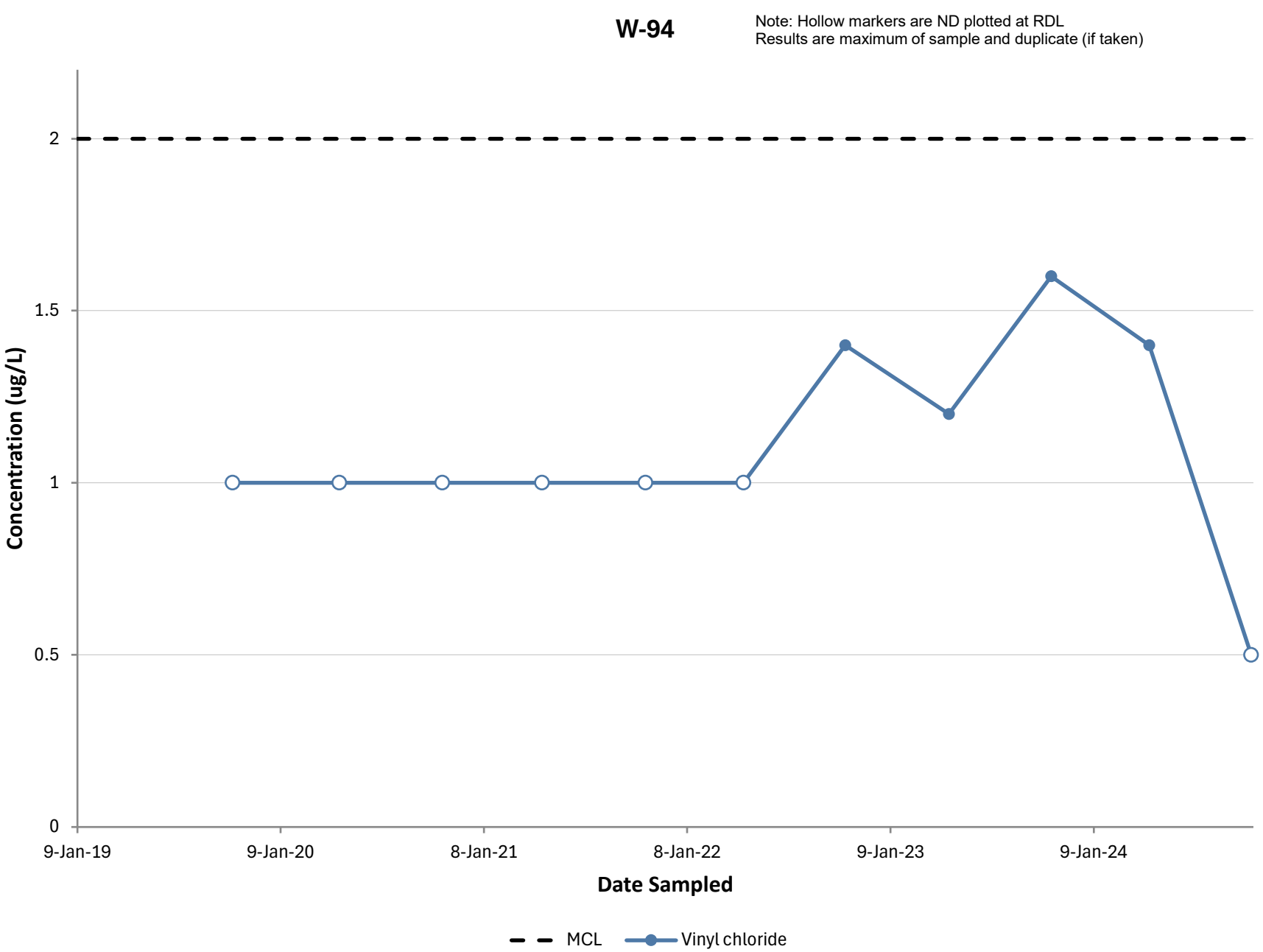

W-89
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

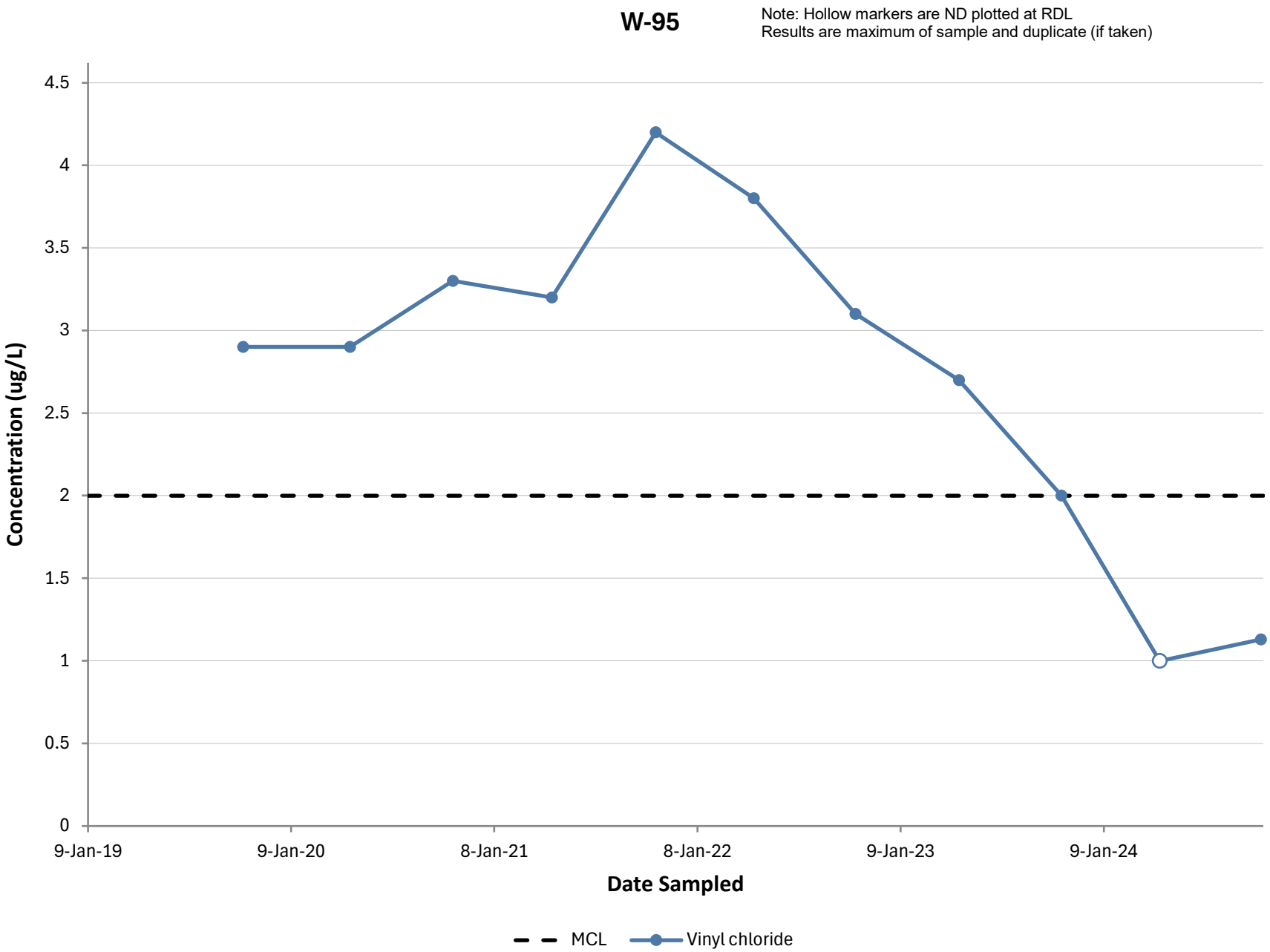

W-90
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

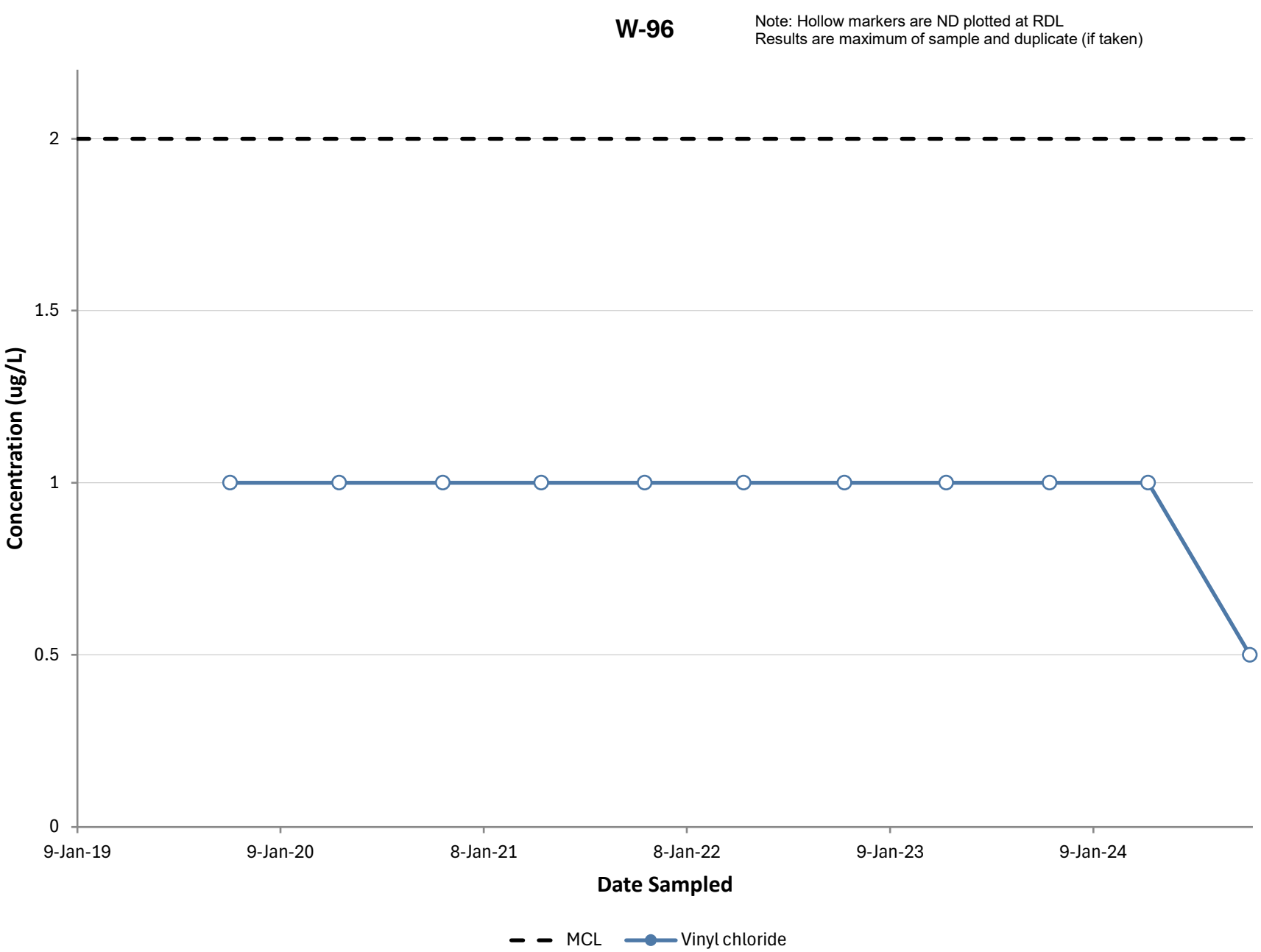

W-91
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

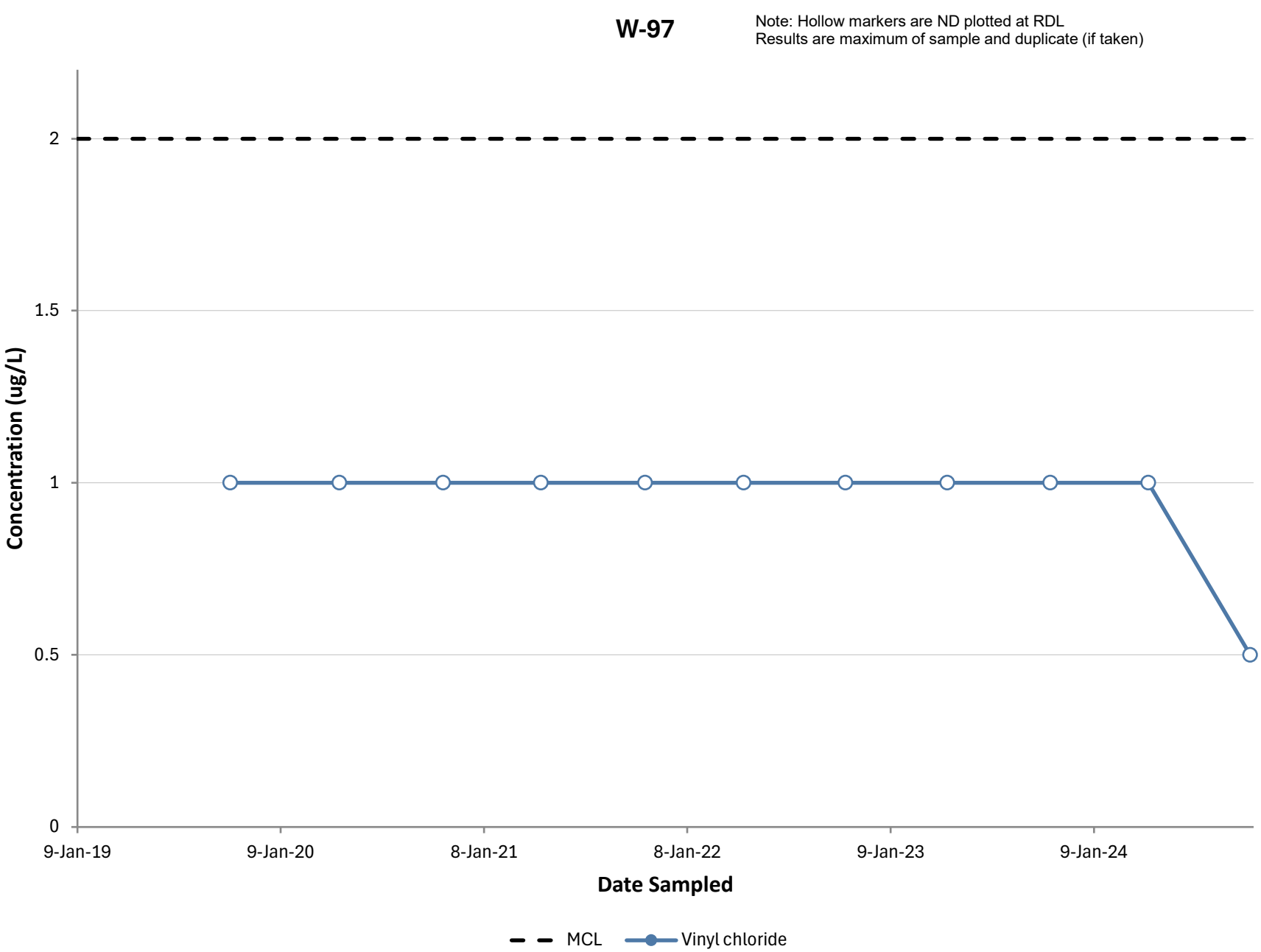

W-92
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

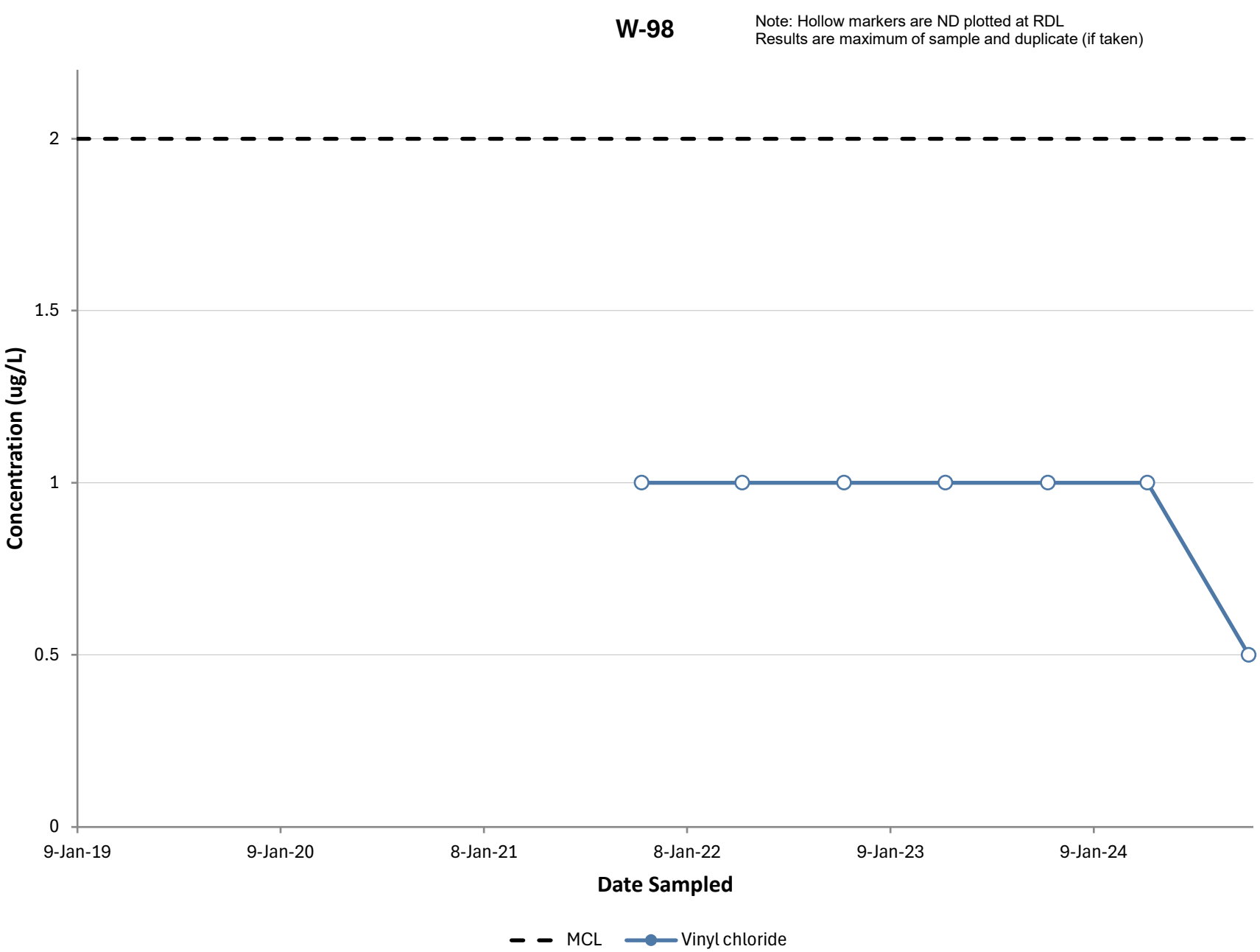

W-93
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

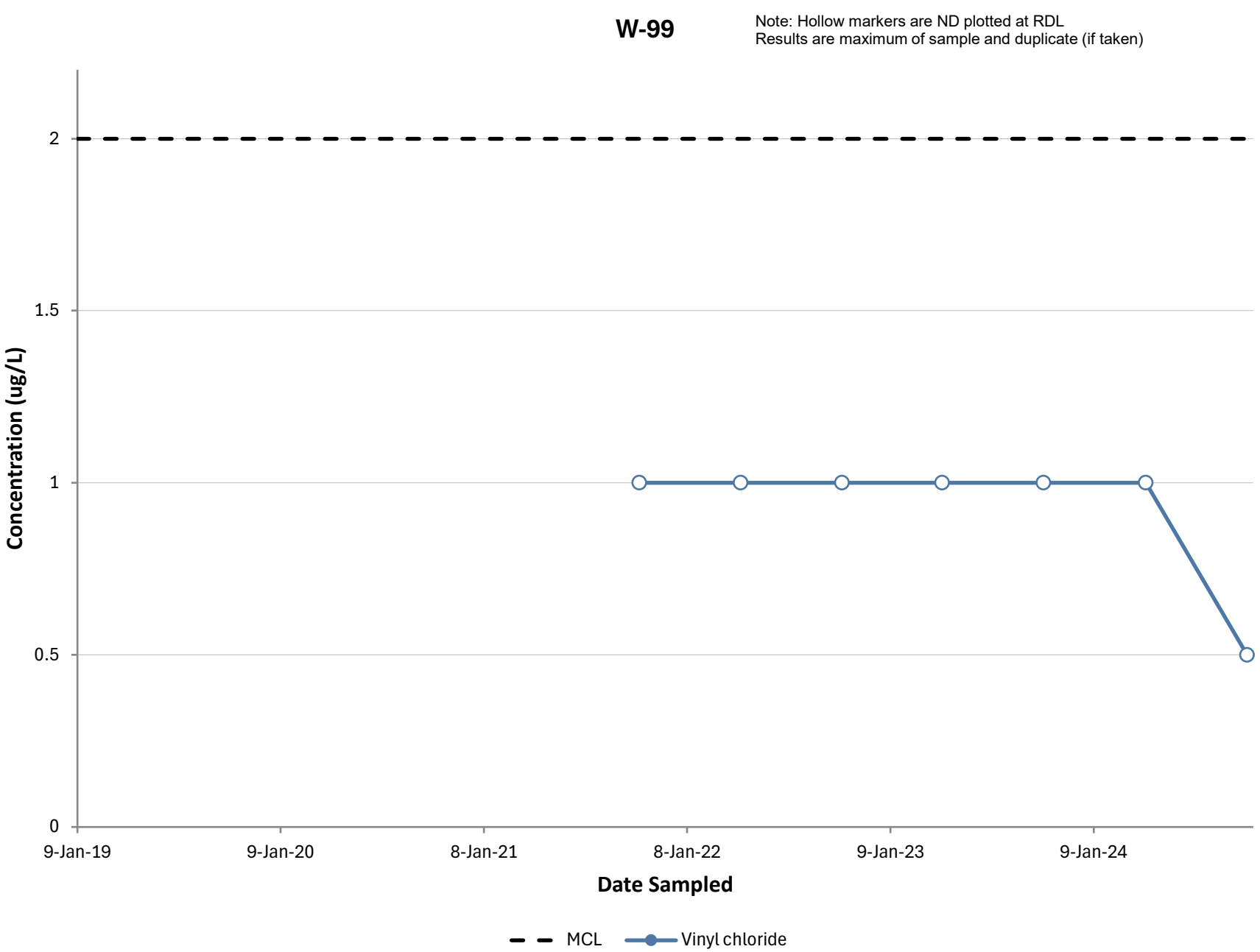

W-94
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
2
1.5
1
0.5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

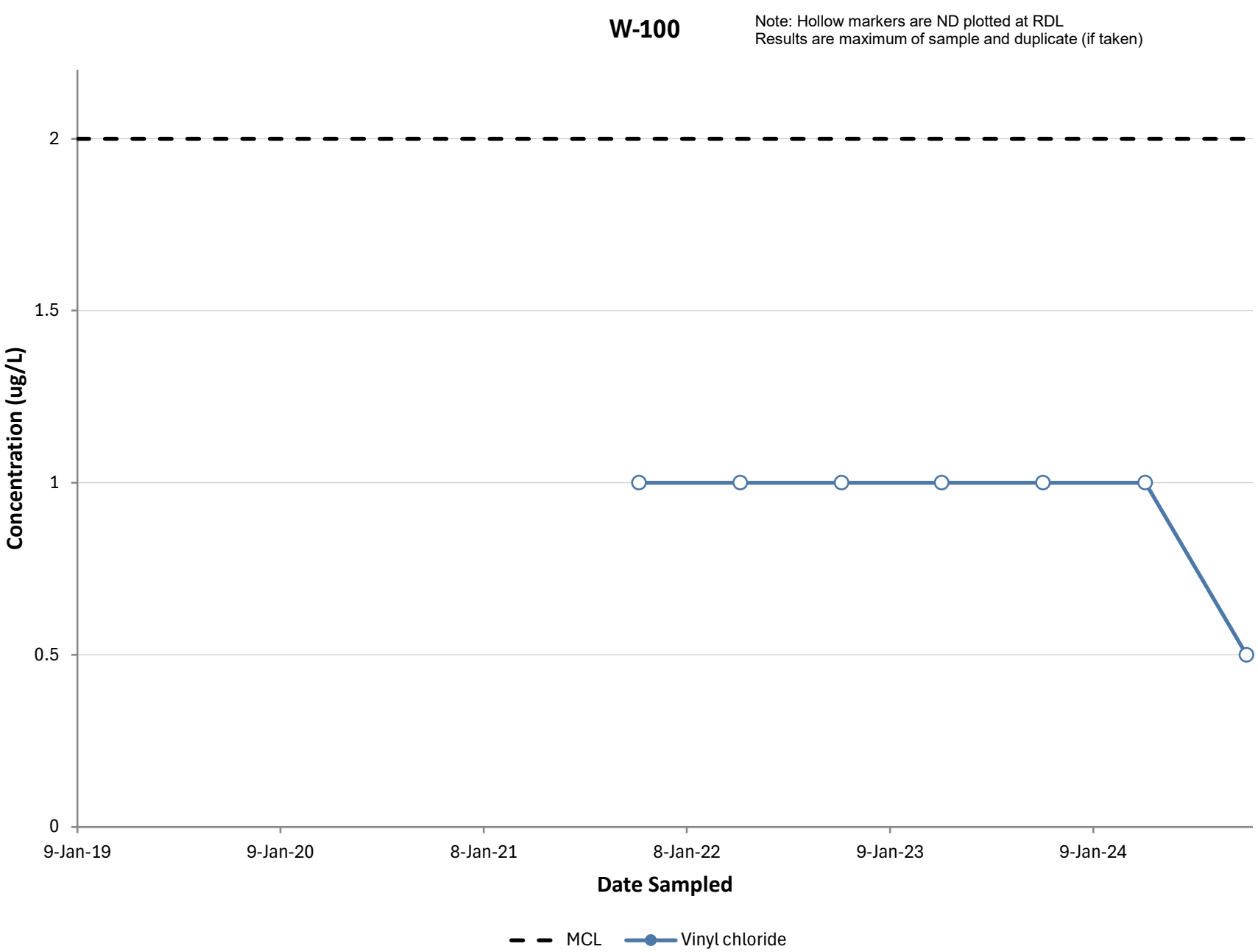

W-95
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

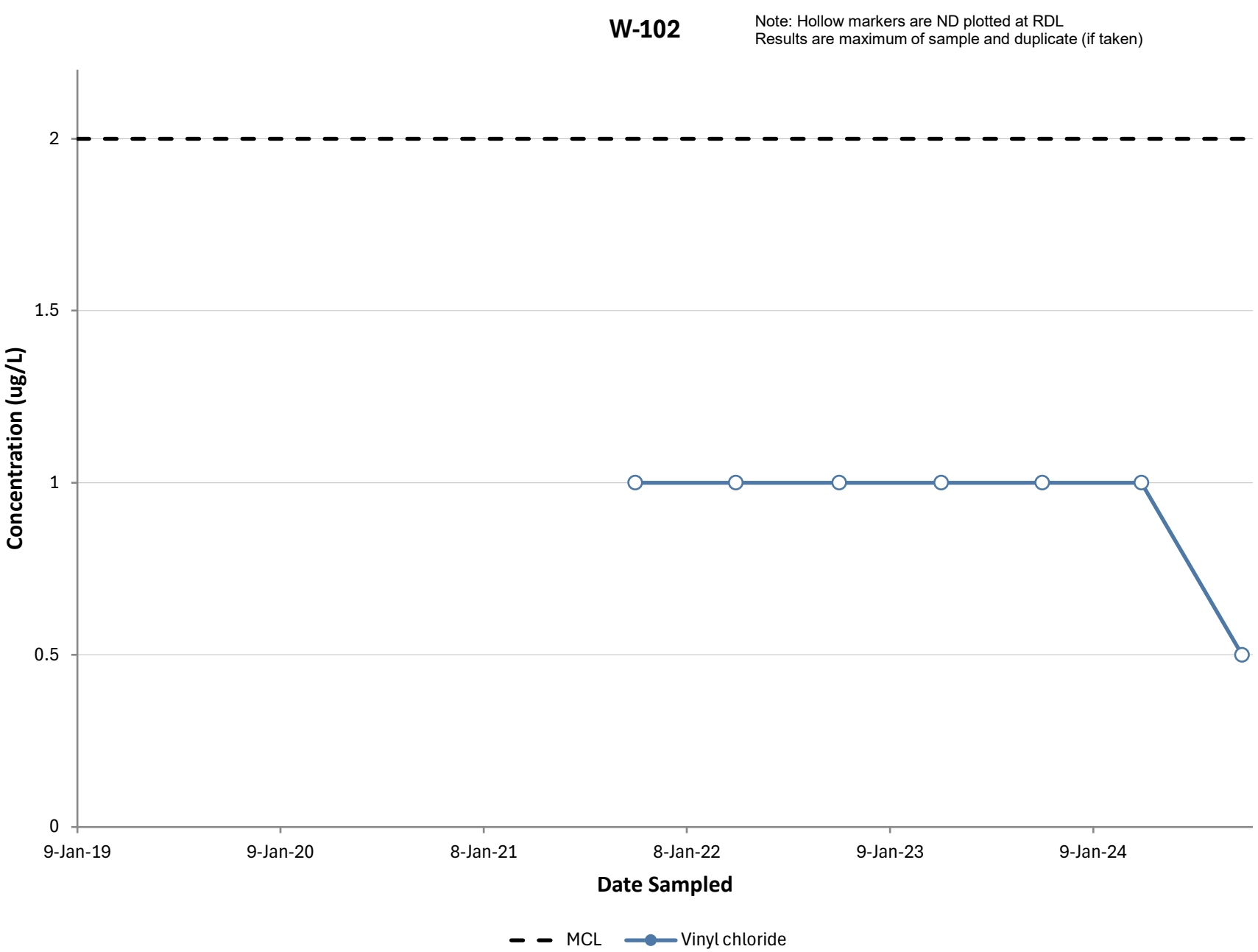

W-96
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

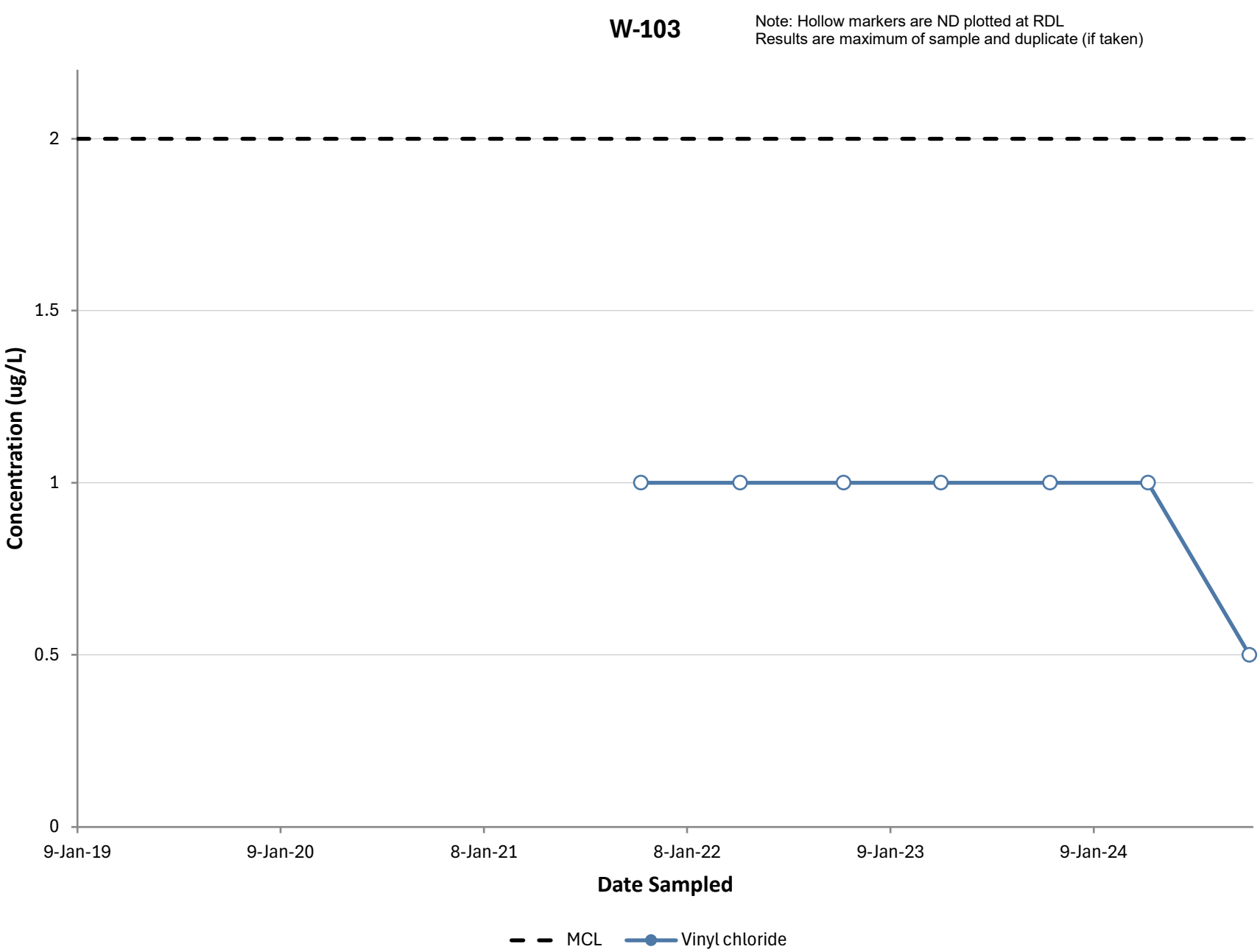

W-97
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

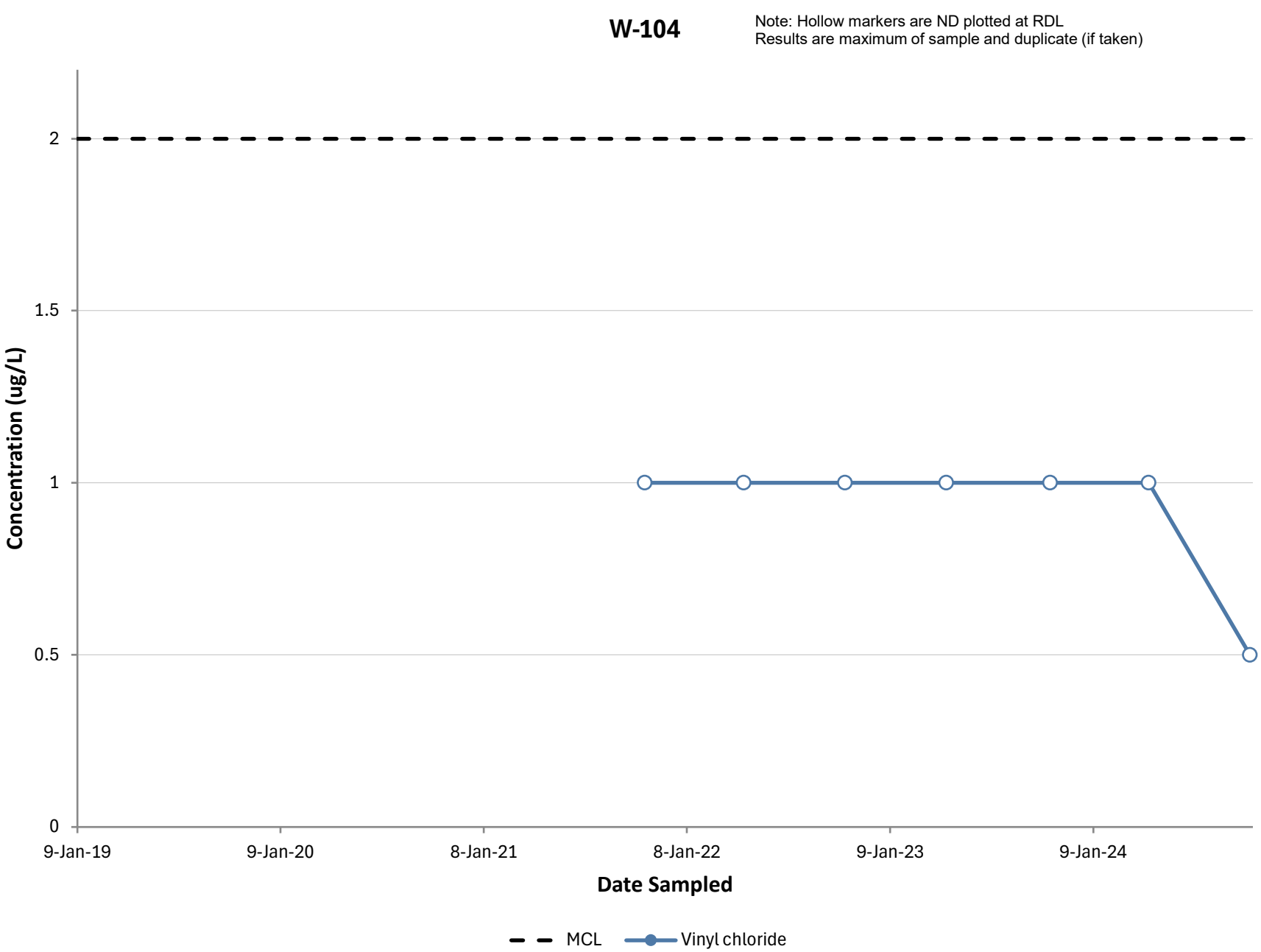

W-98
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

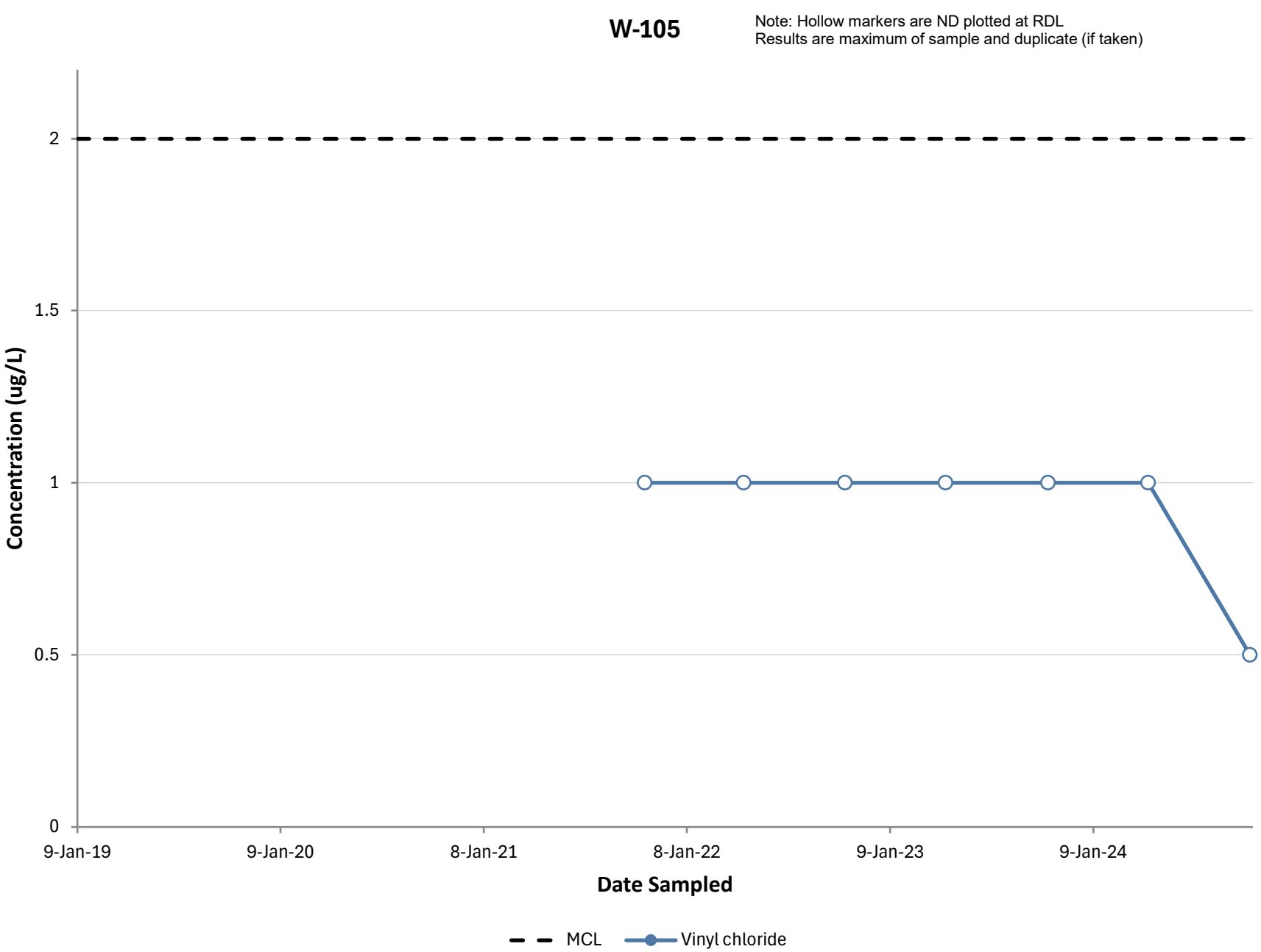

W-99
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

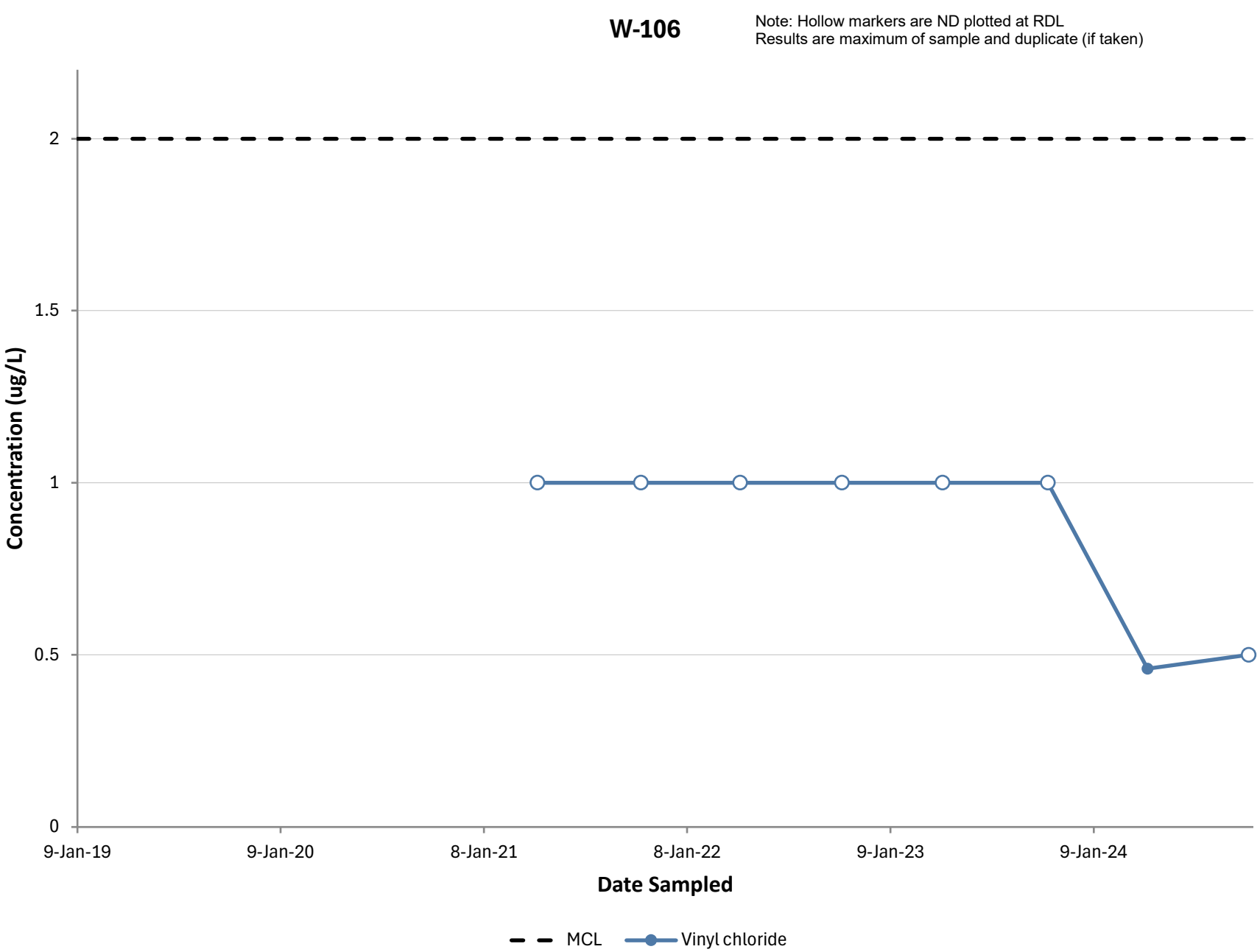

W-100
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

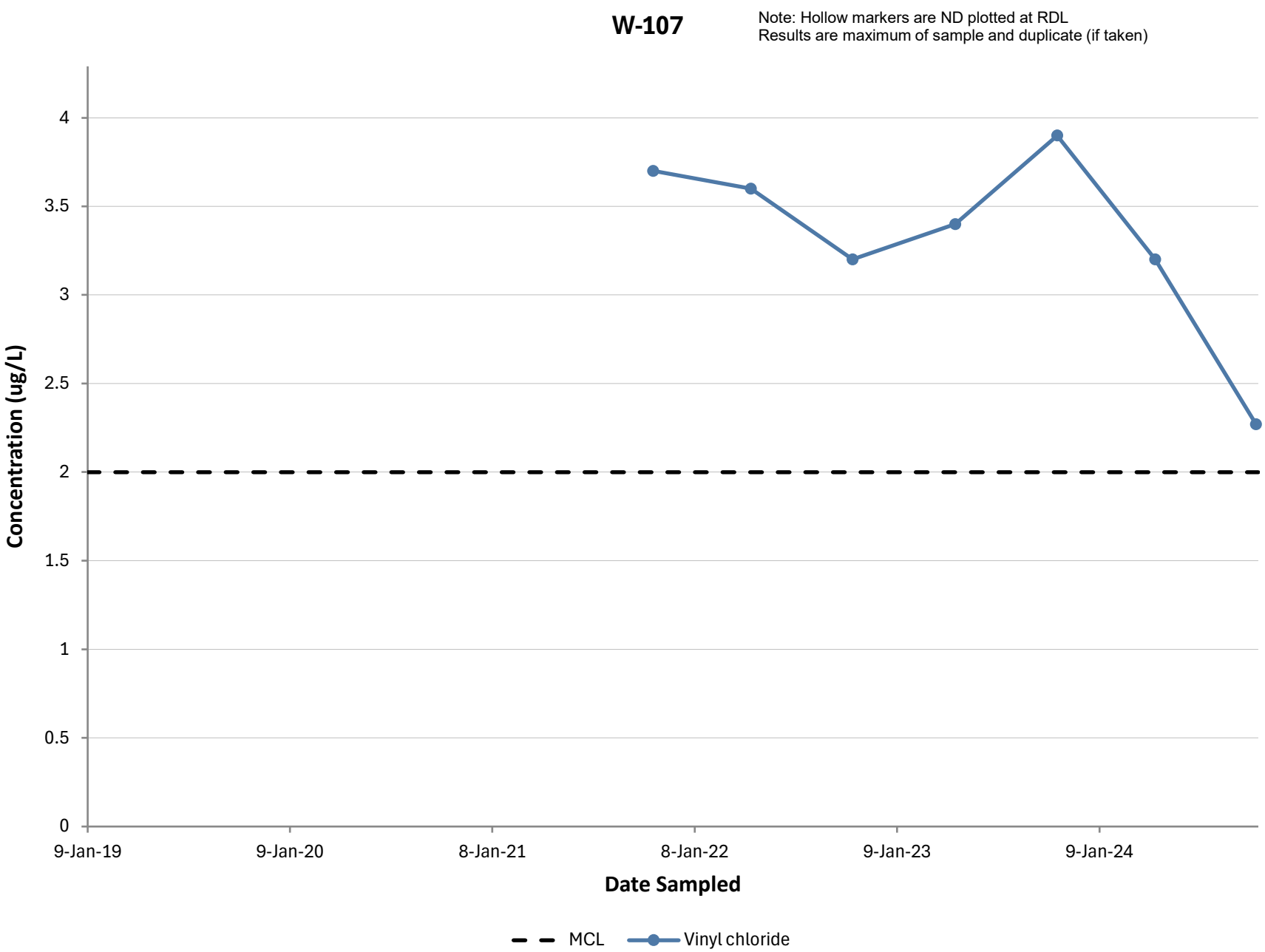

W-102
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

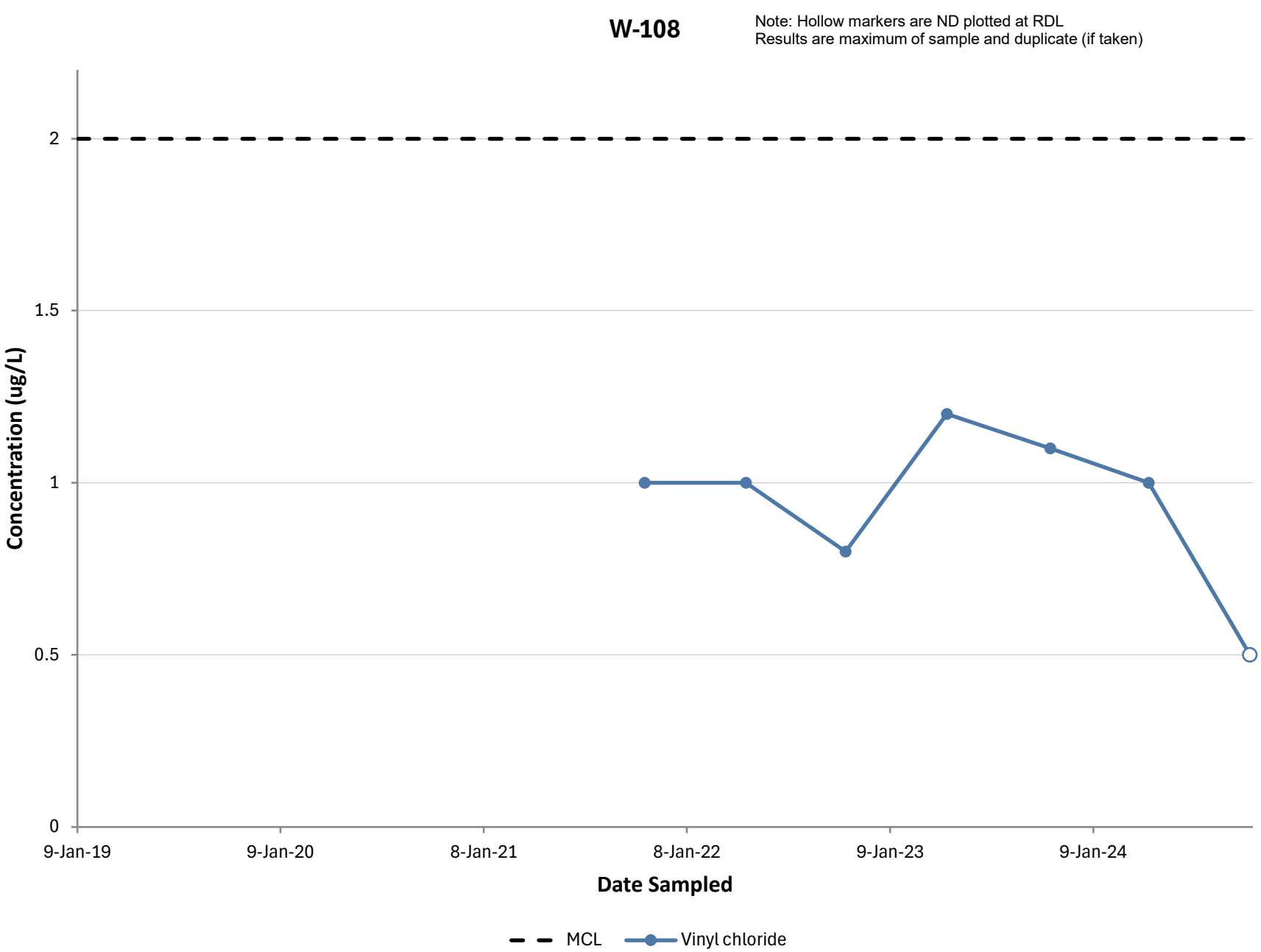

W-103
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

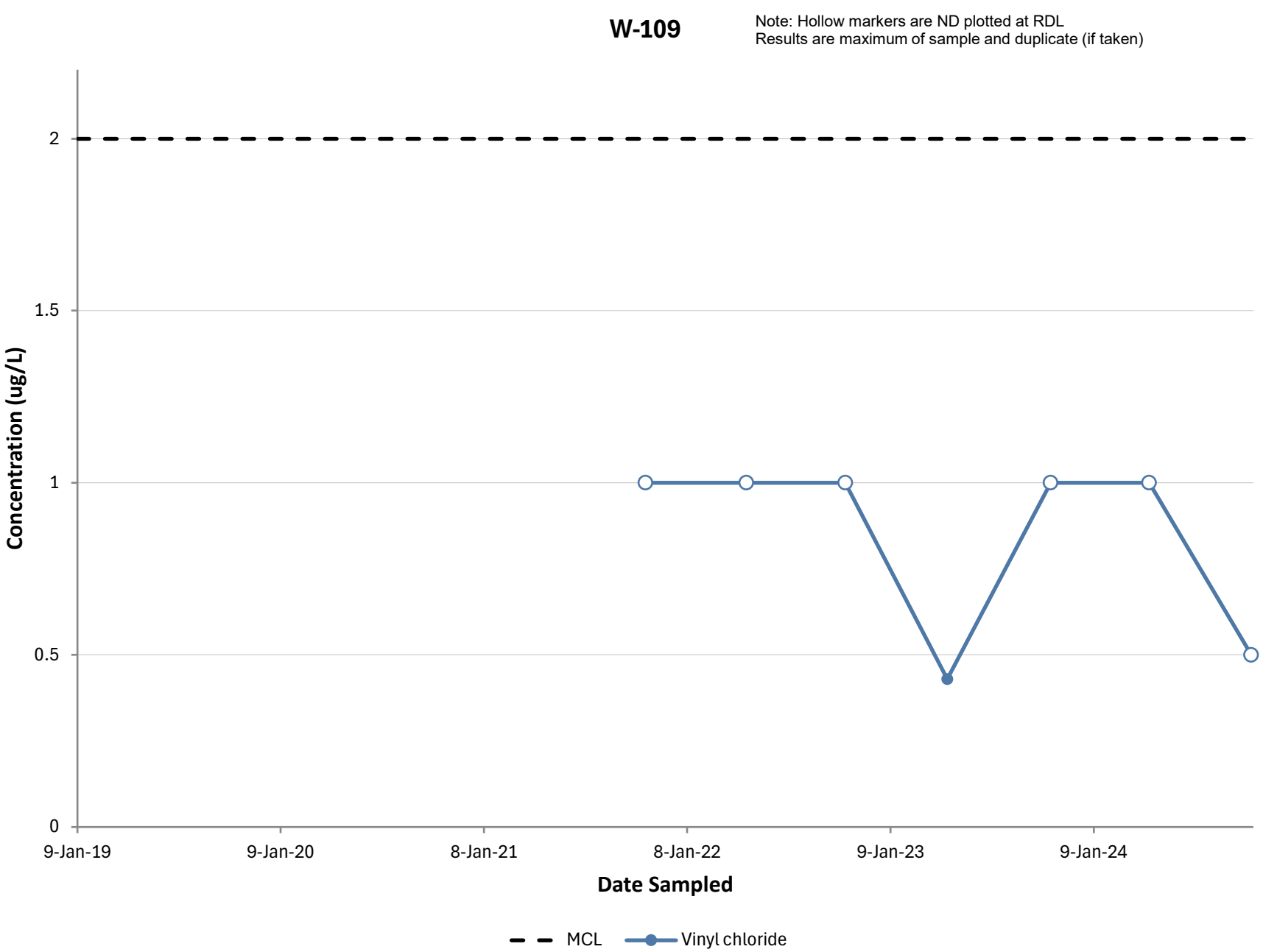

W-104
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

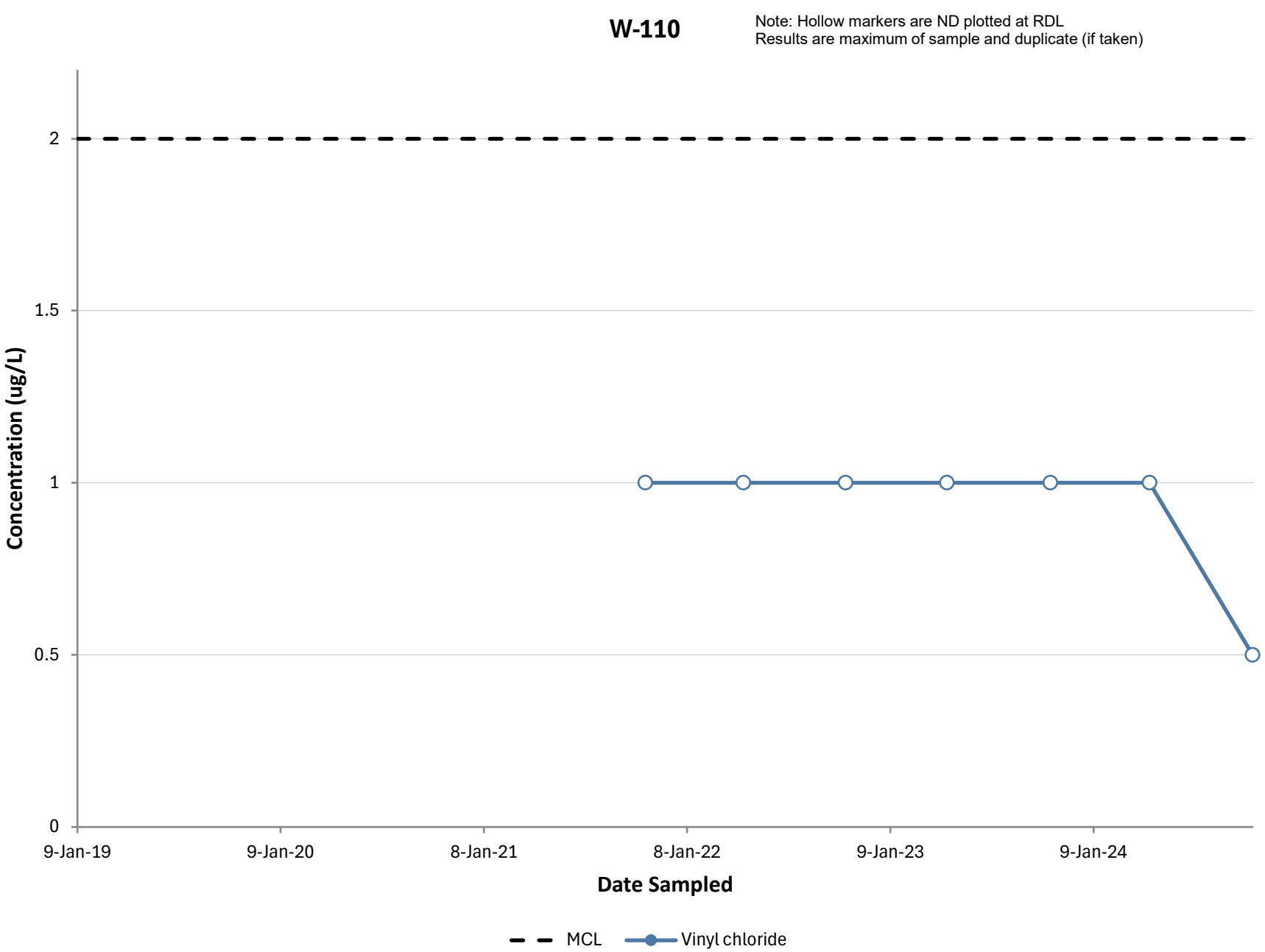

W-105
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

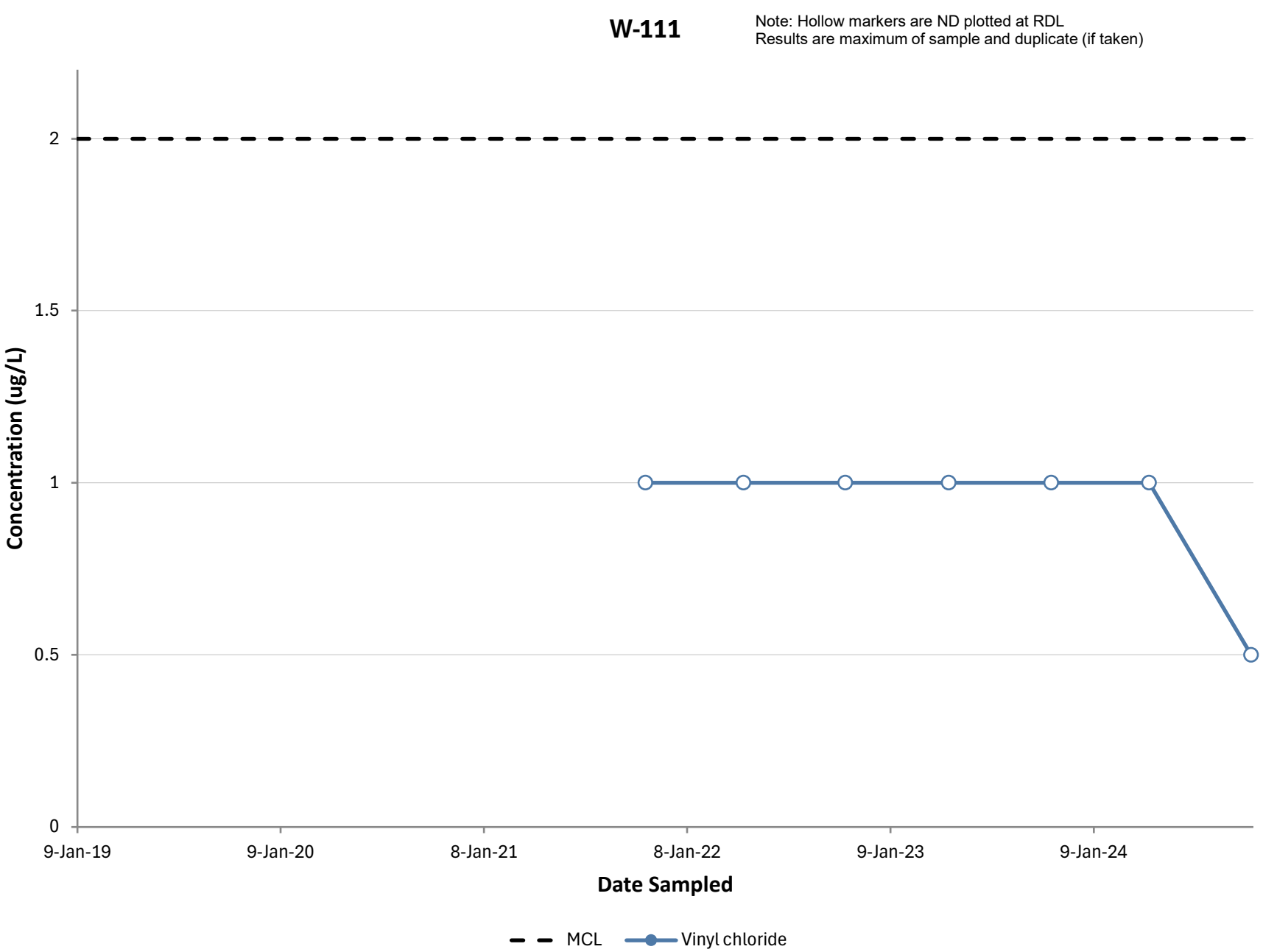

W-106
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

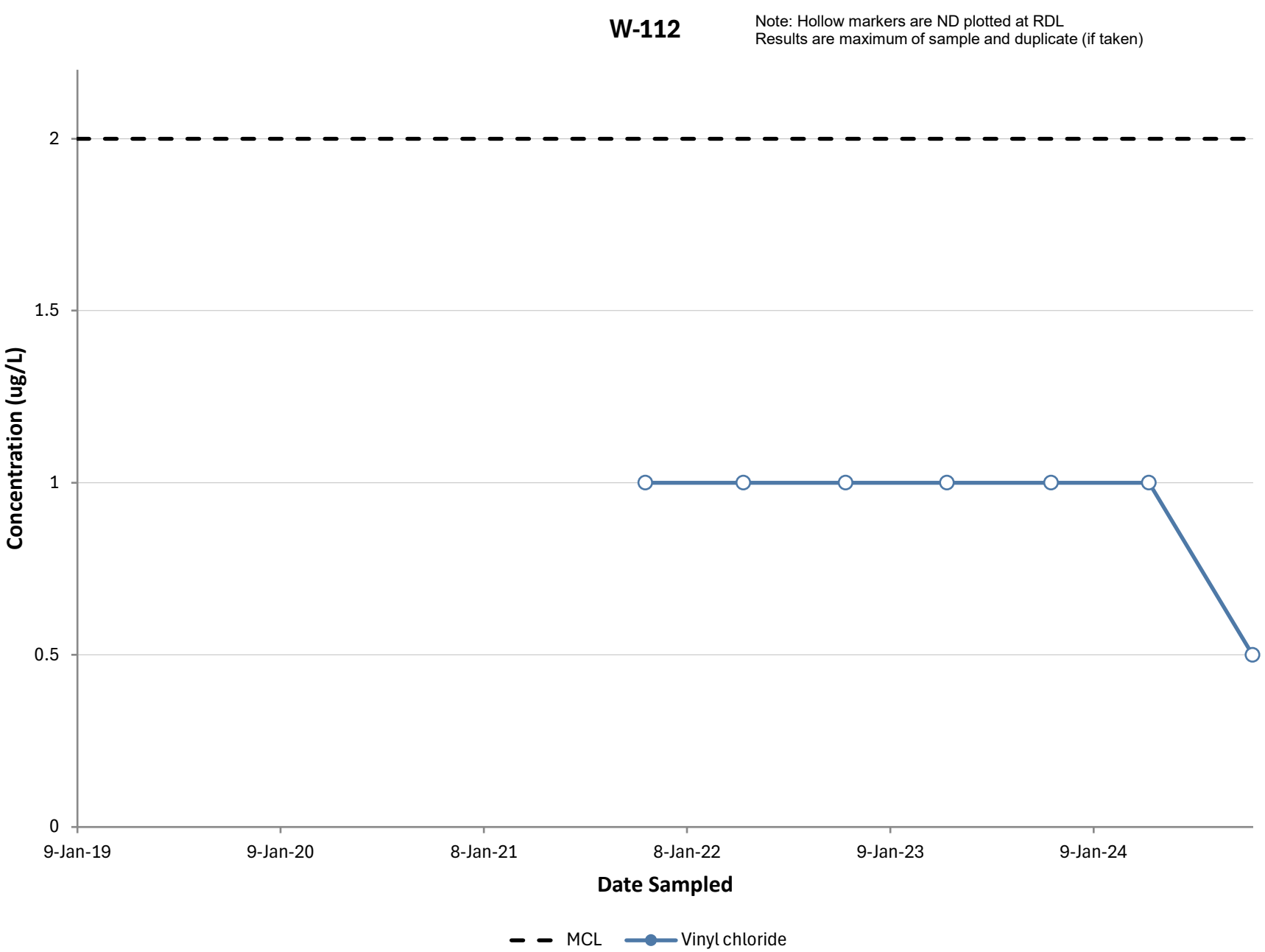

W-107
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

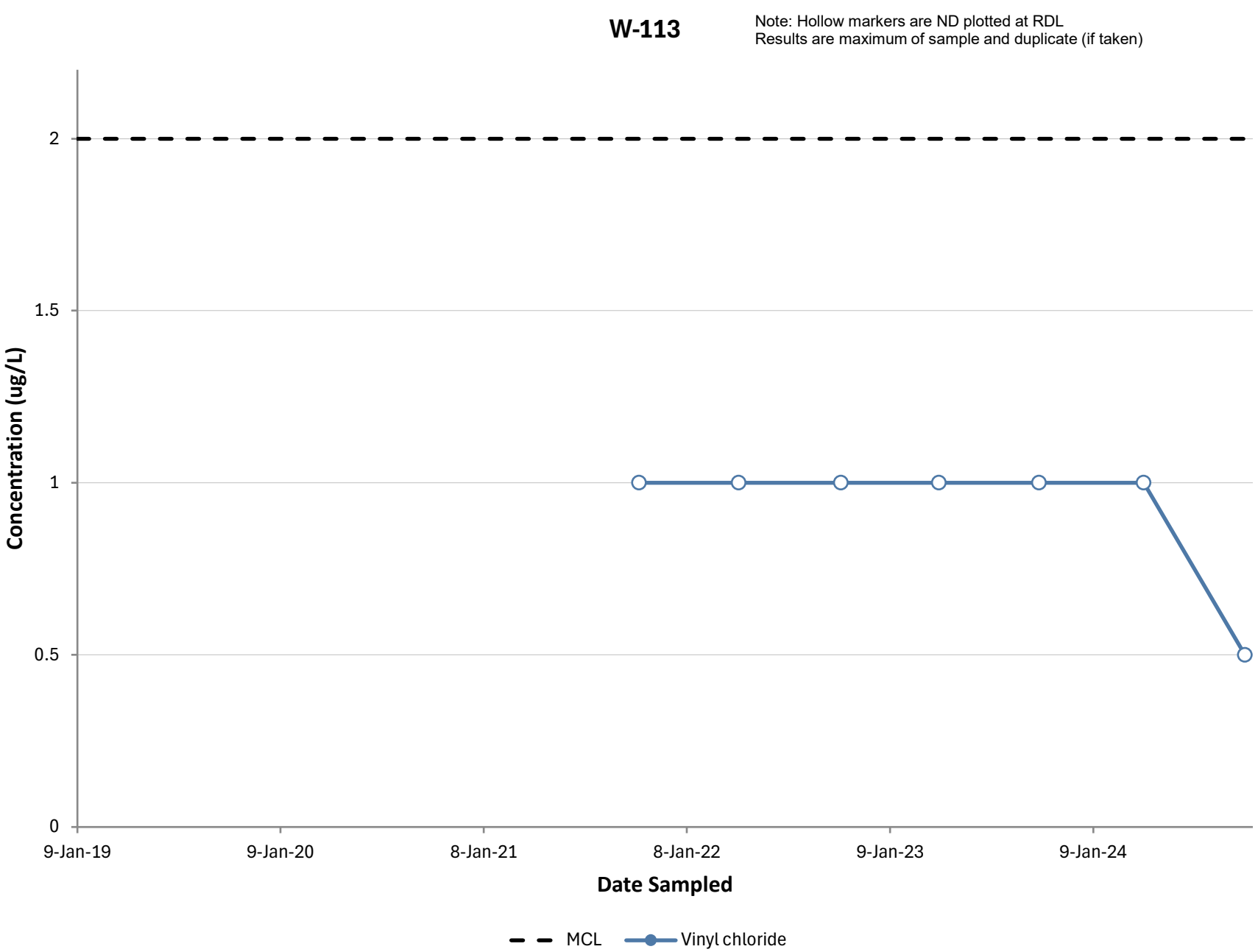

W-108
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

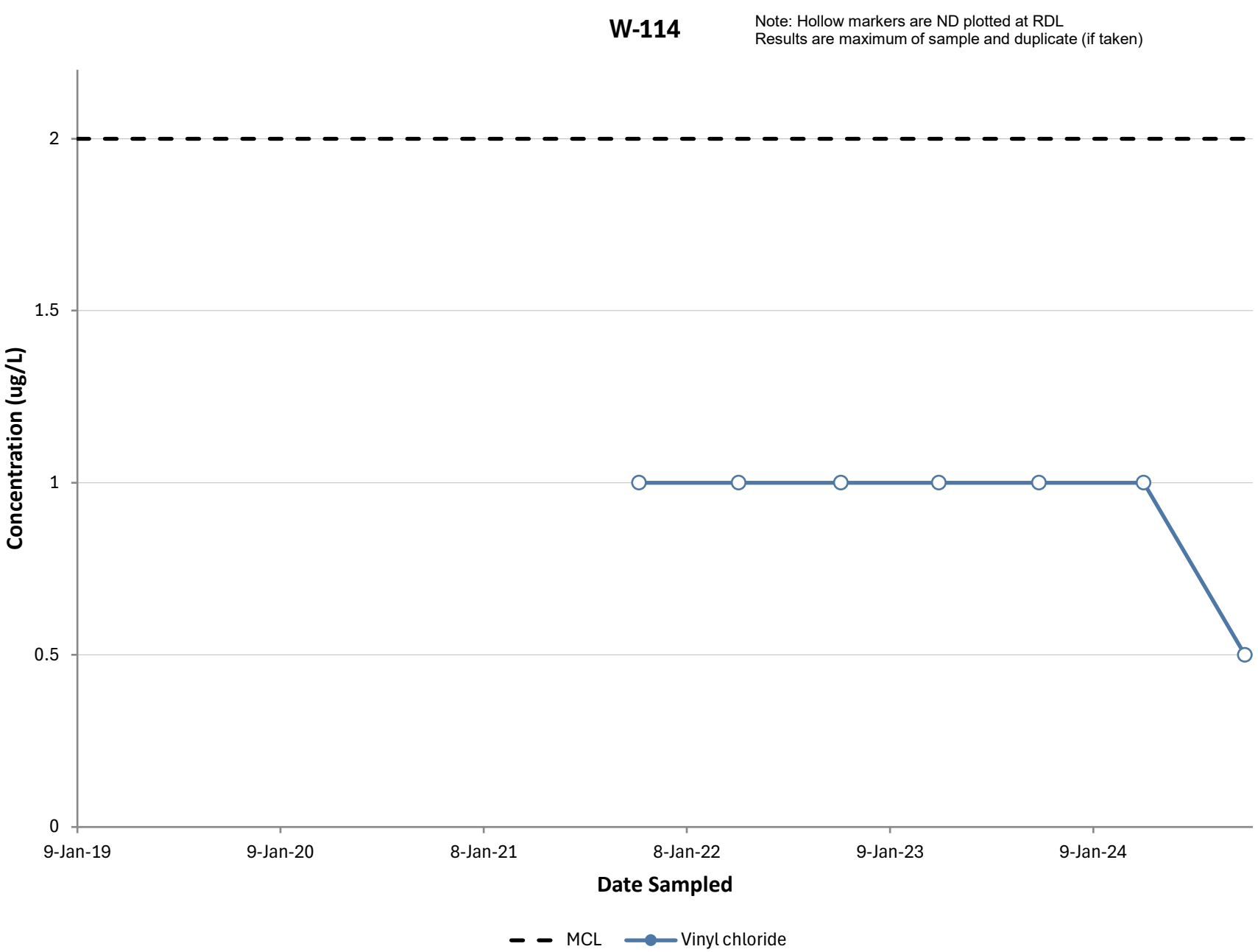

W-109
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

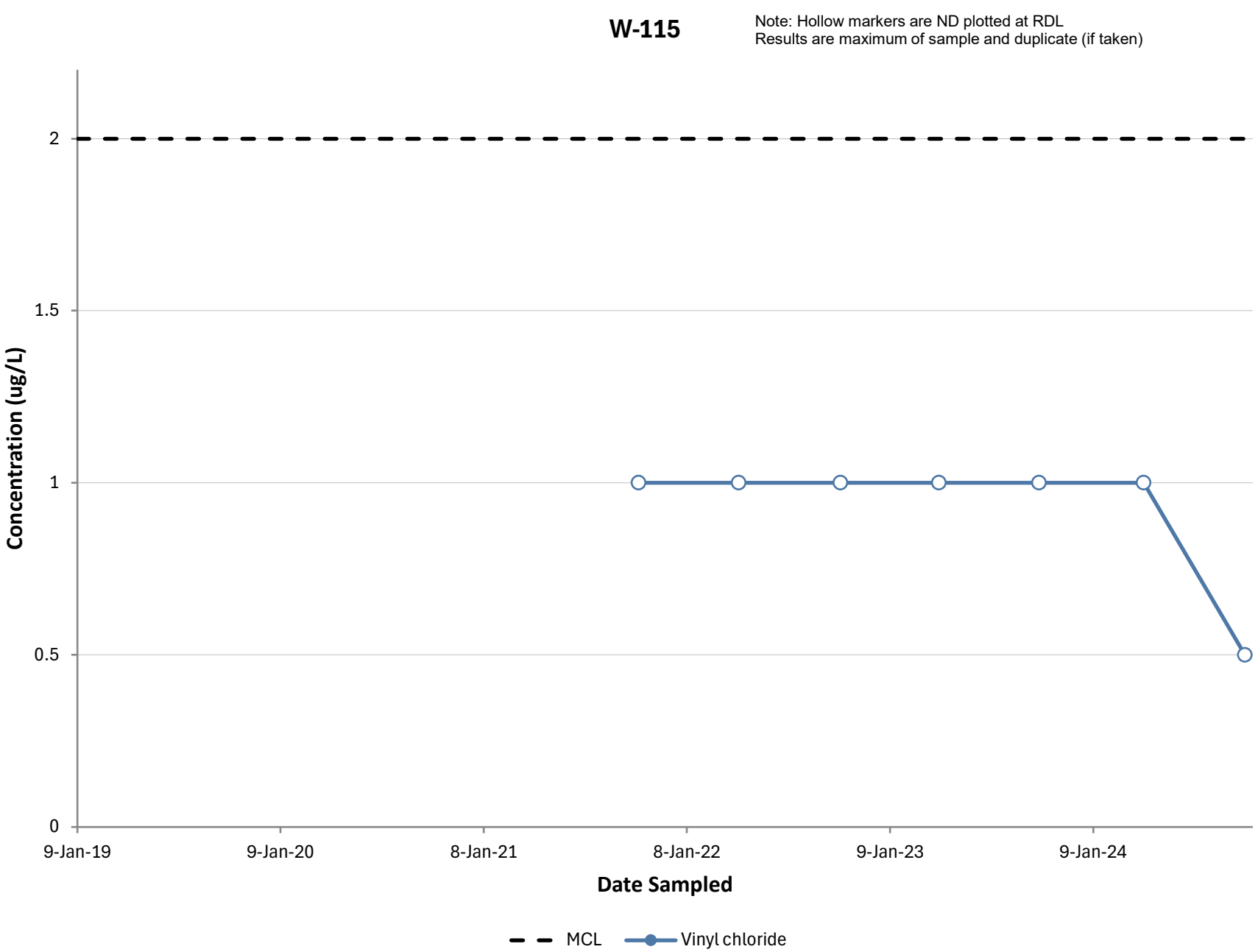

W-110
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

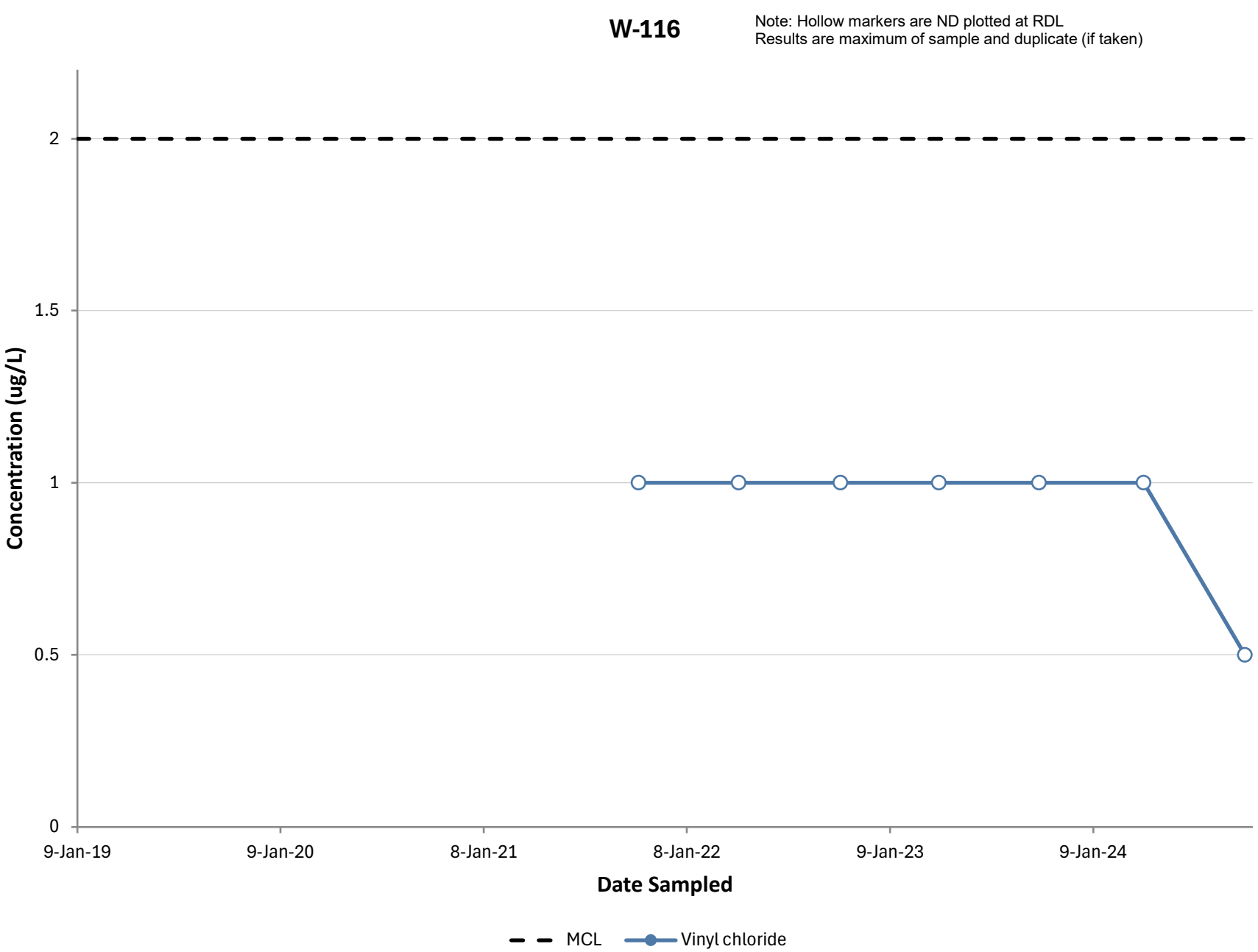

W-111
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

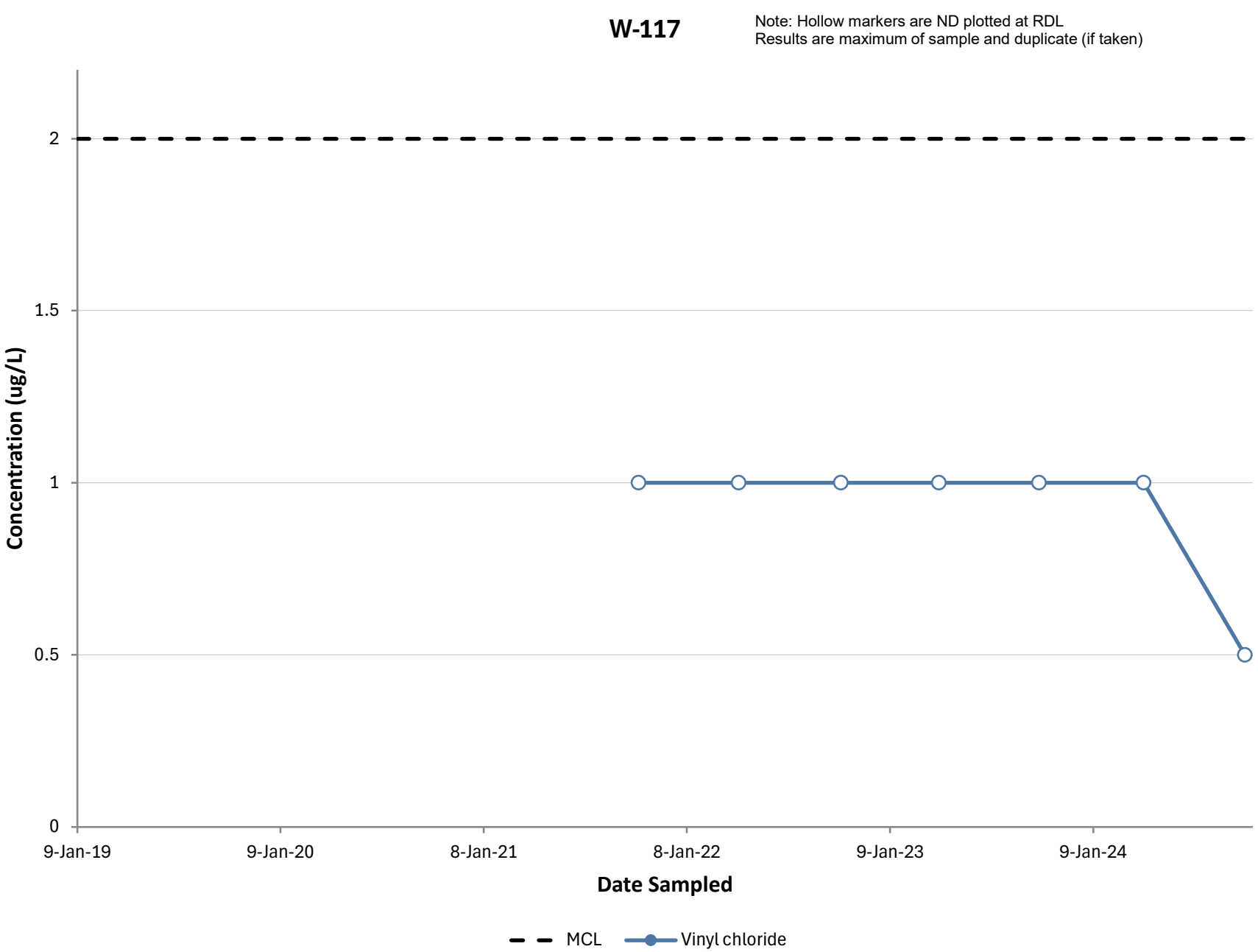

W-112
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

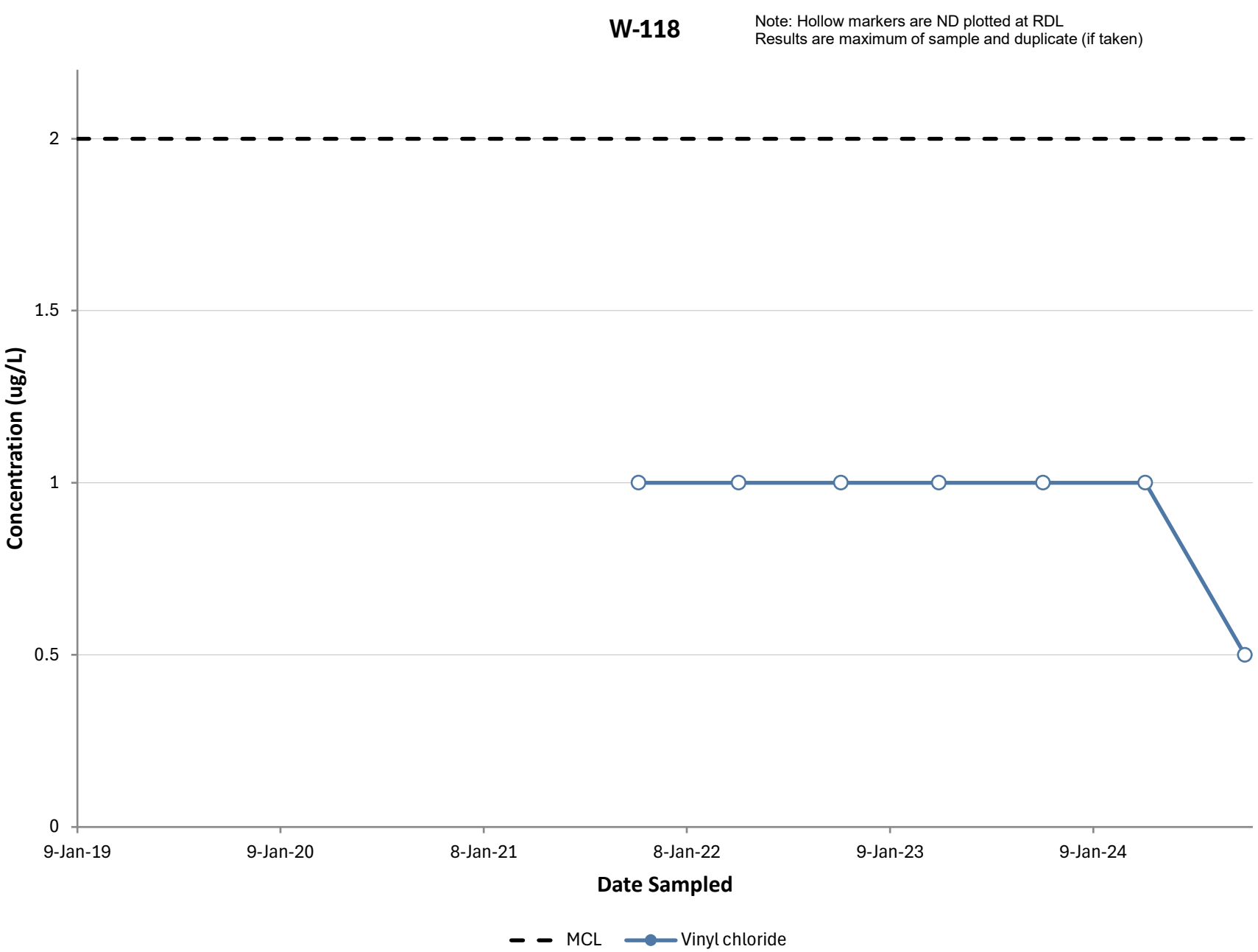

W-113
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

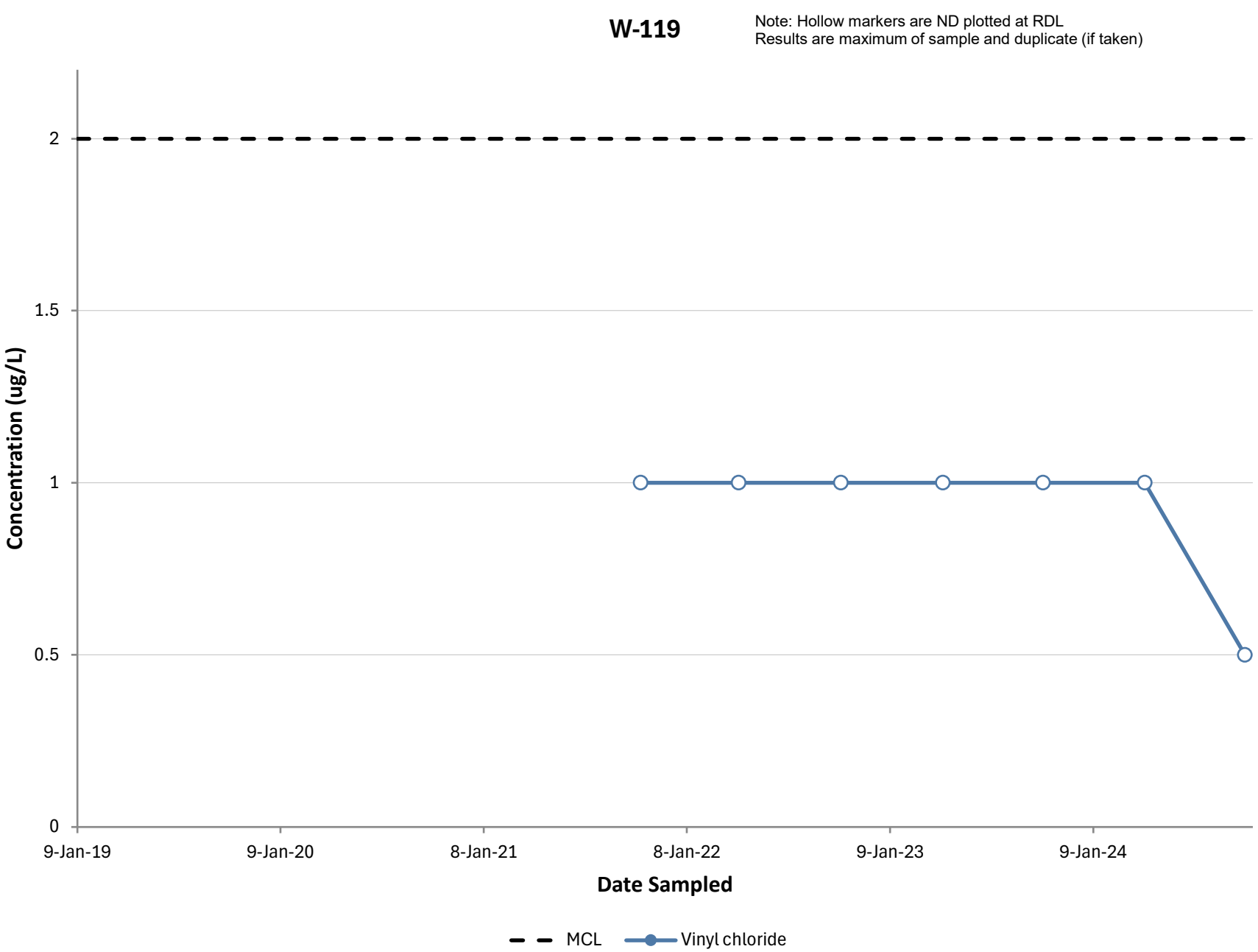

W-114
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
2
1.5
1
0.5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

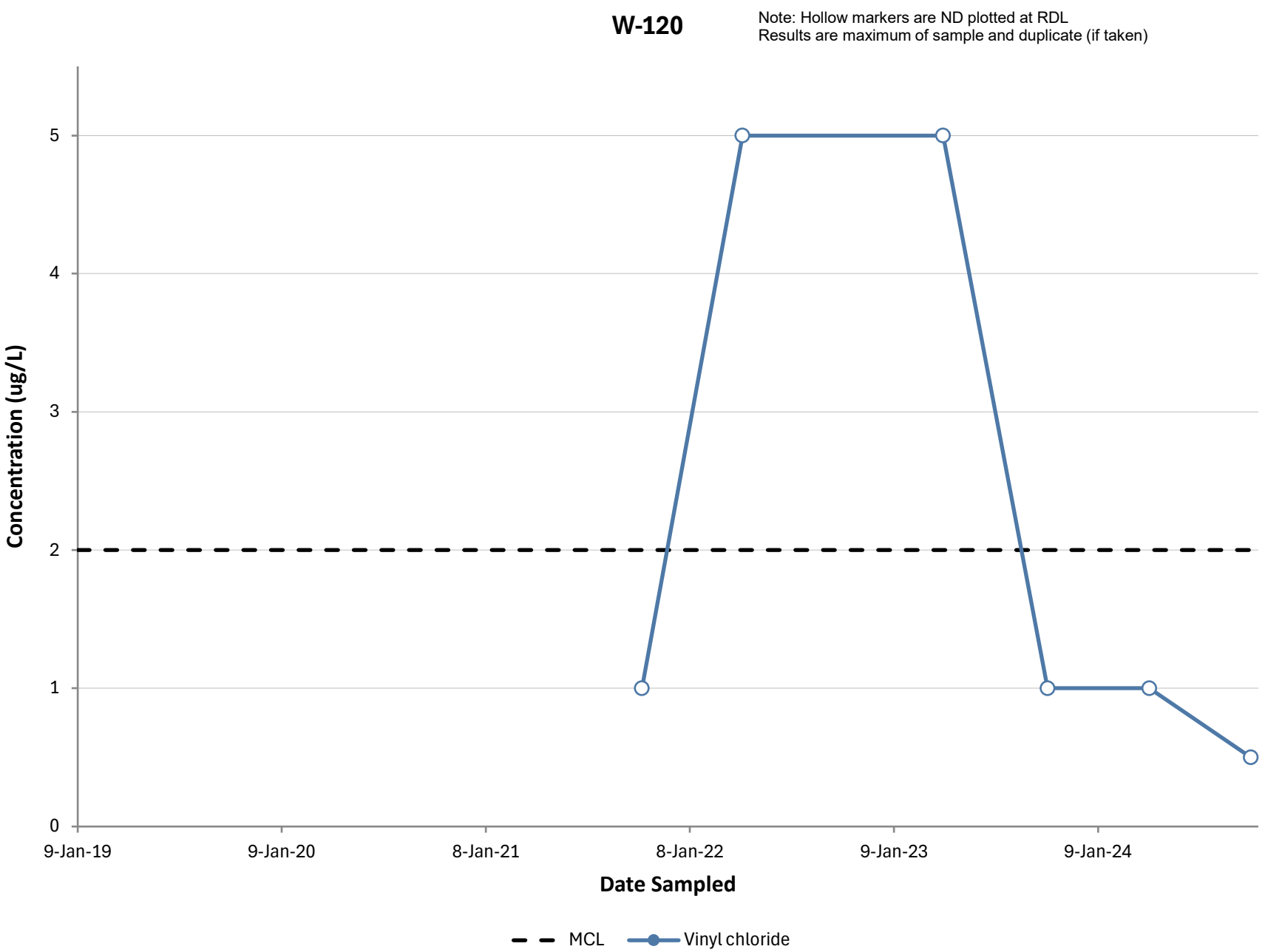

W-115
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

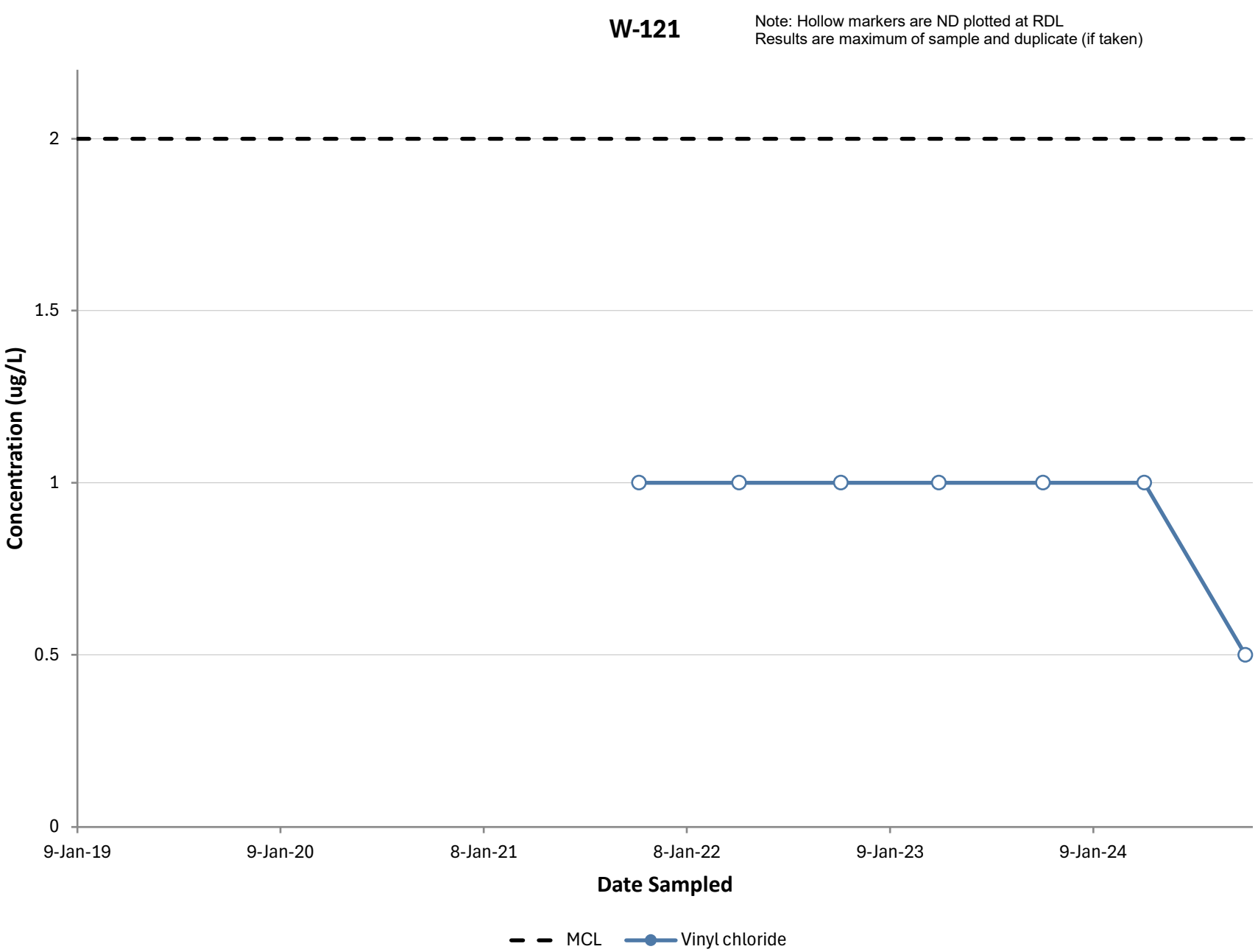

W-116
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

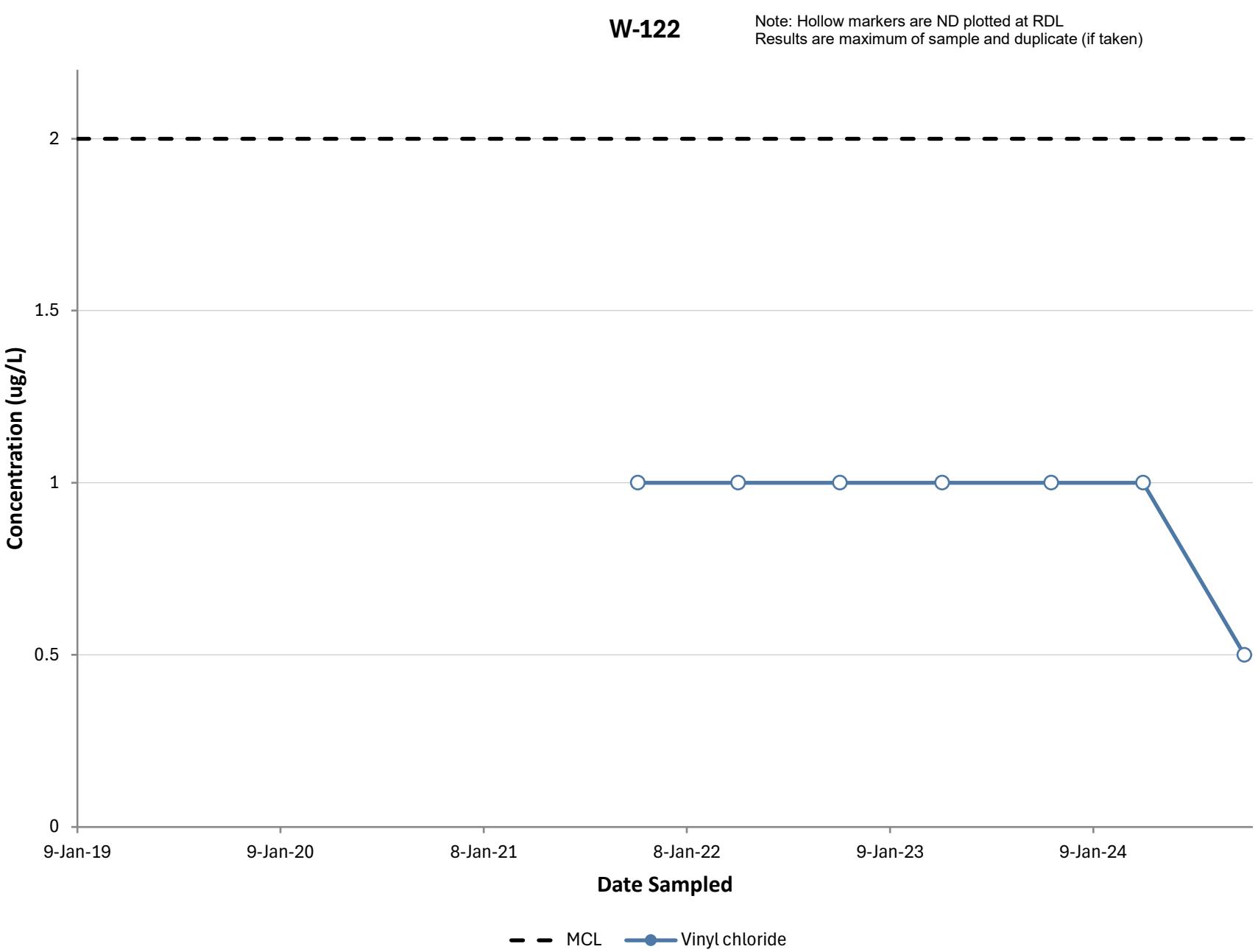

W-117
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

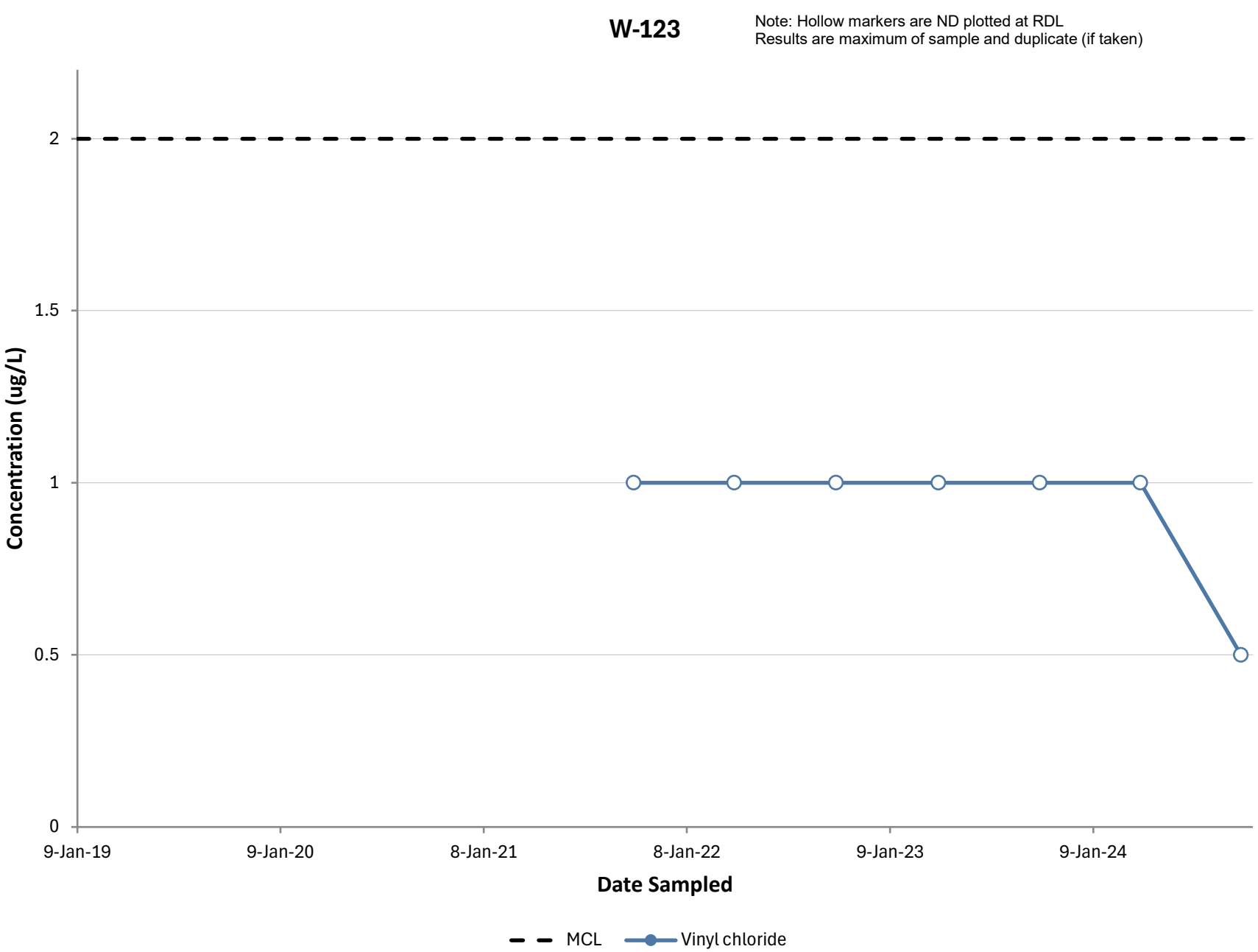

W-118
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

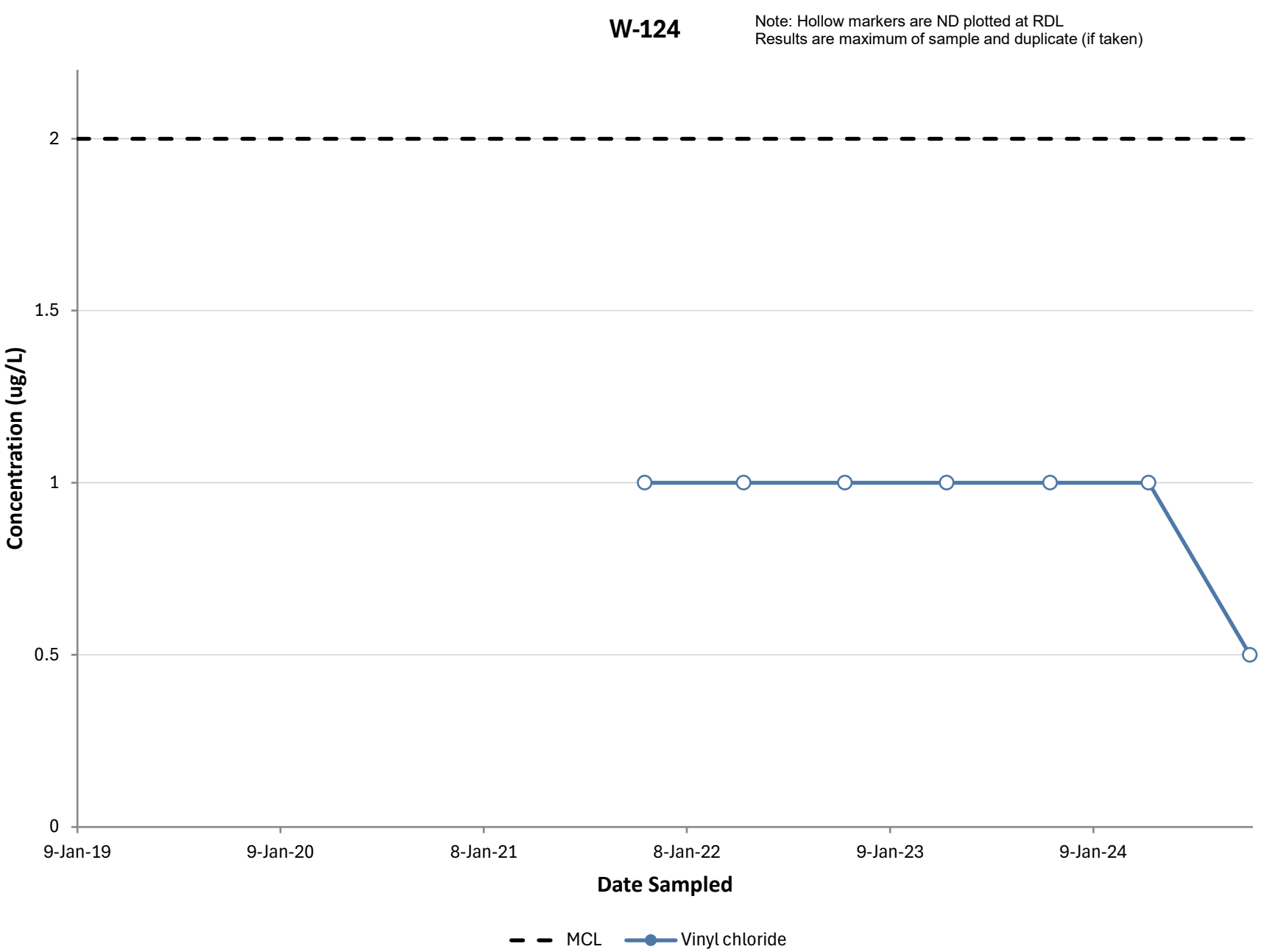

W-119
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

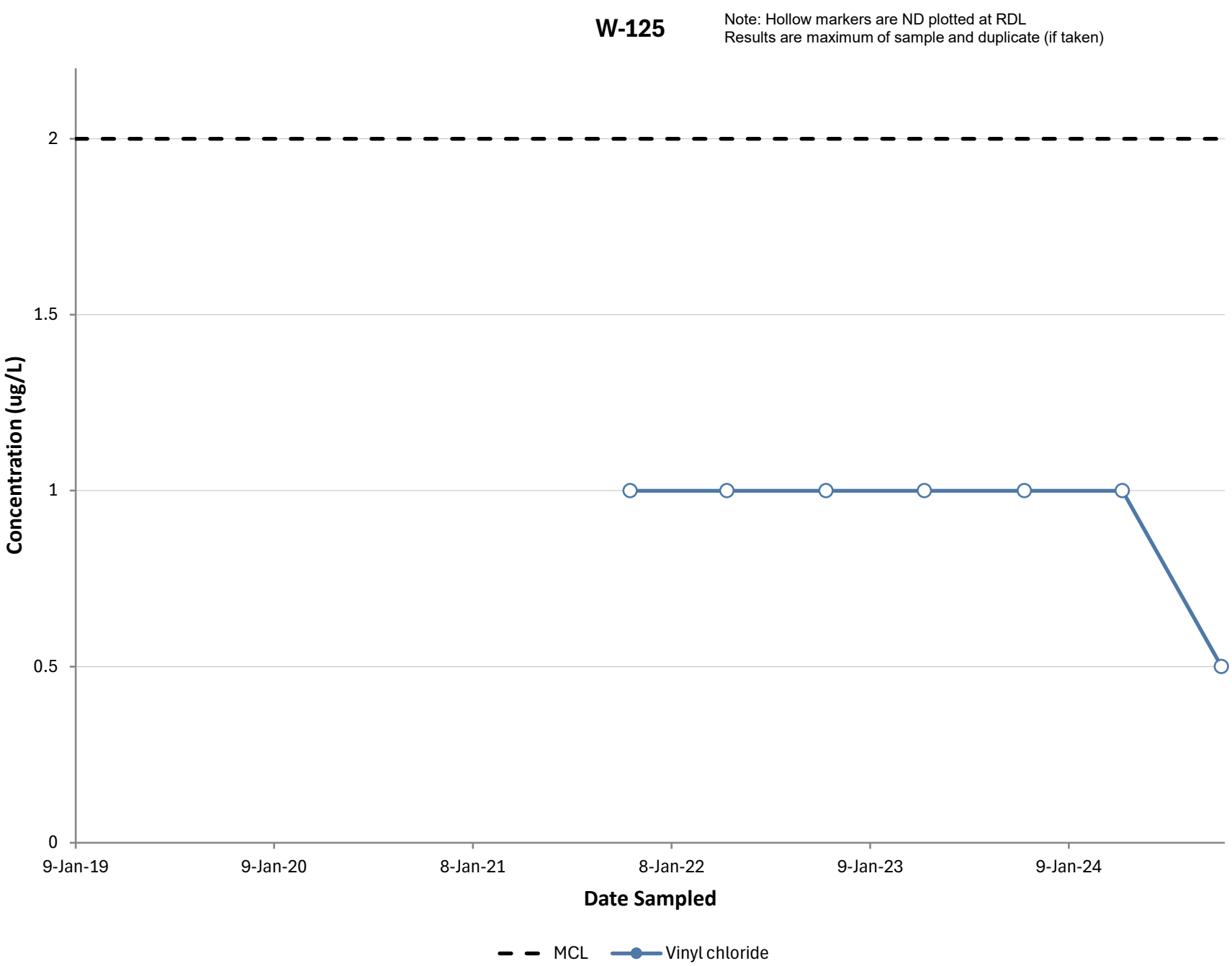

W-120
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
0
1
2
3
4
5
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

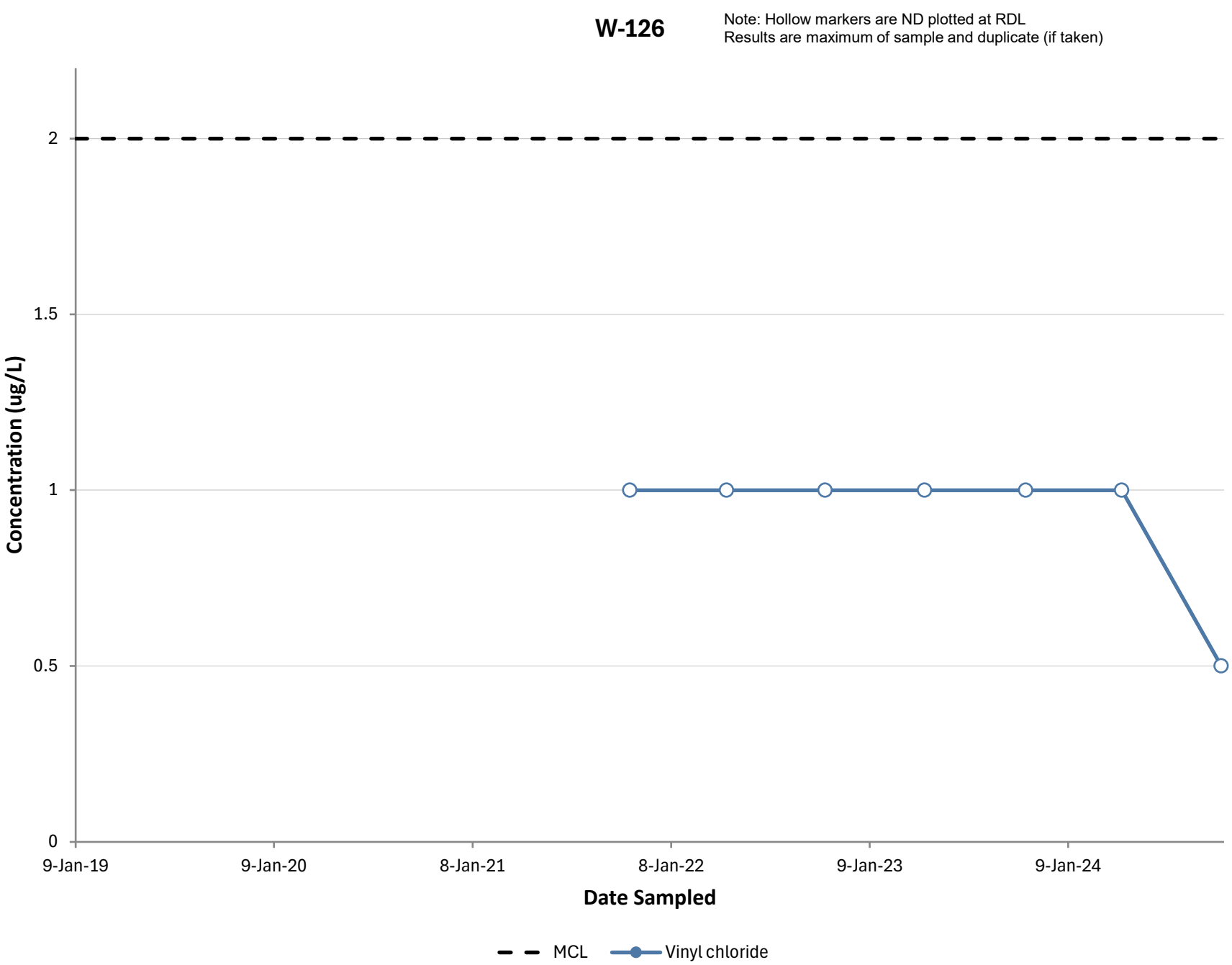

W-121
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

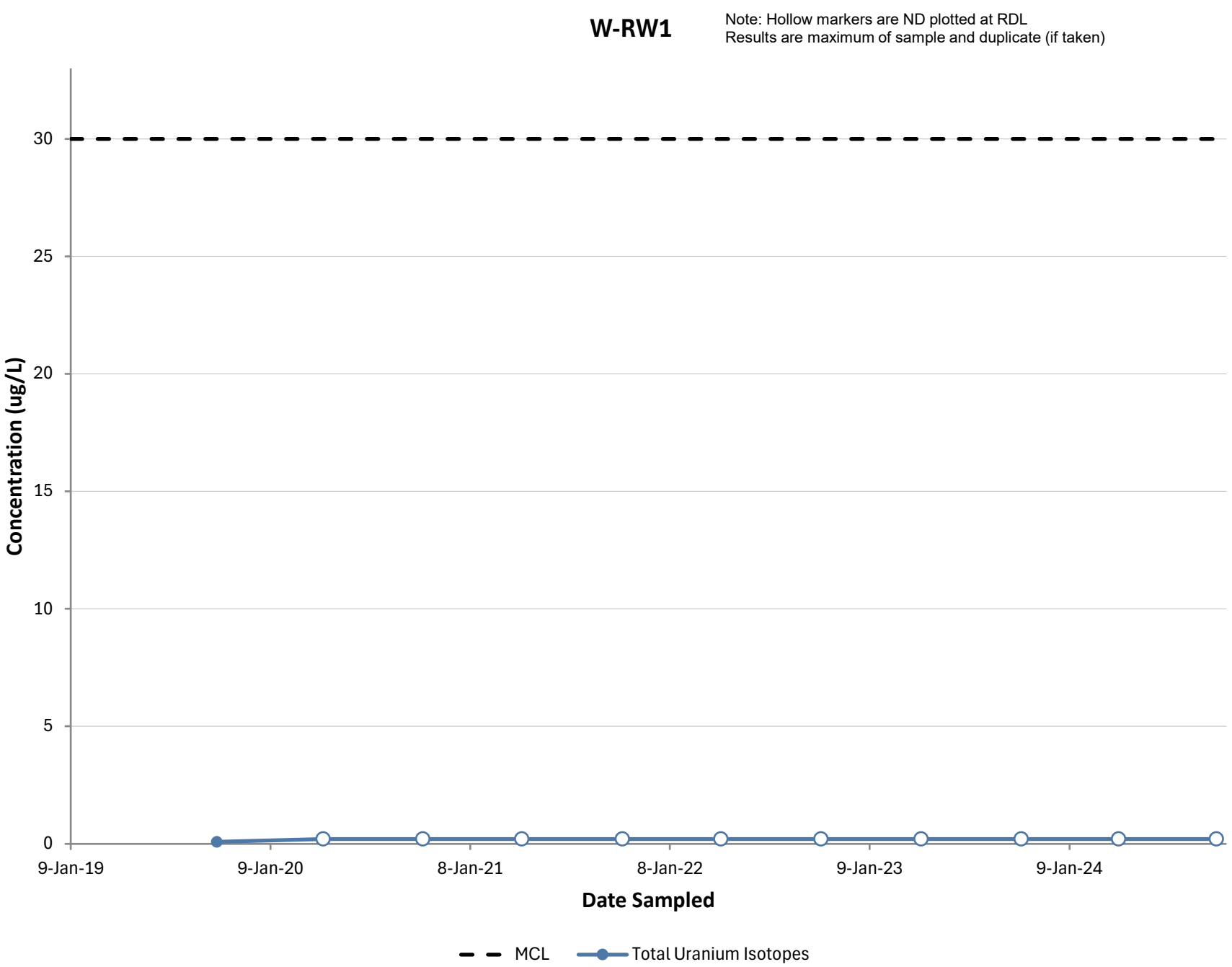

W-122
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

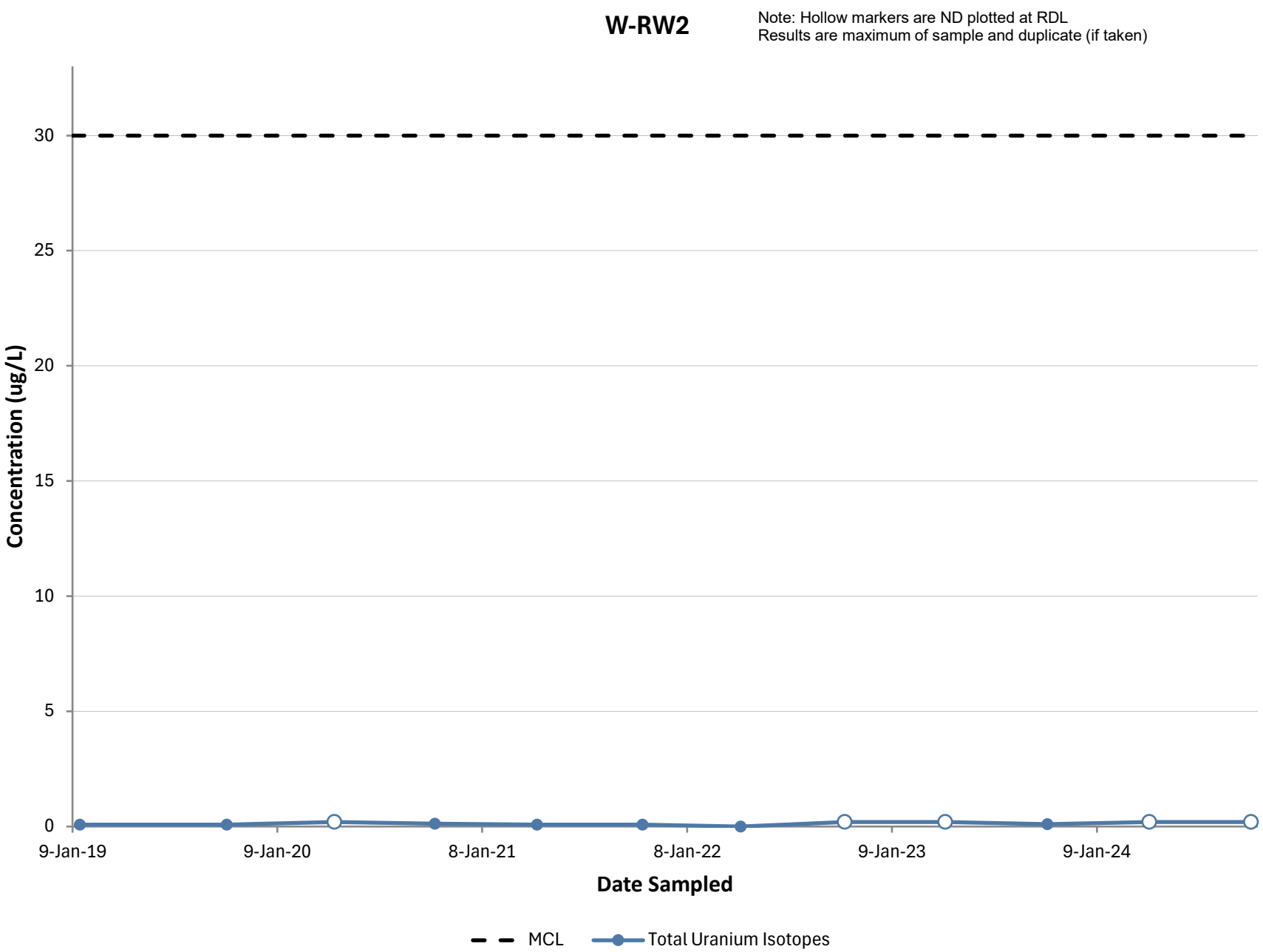

W-123
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

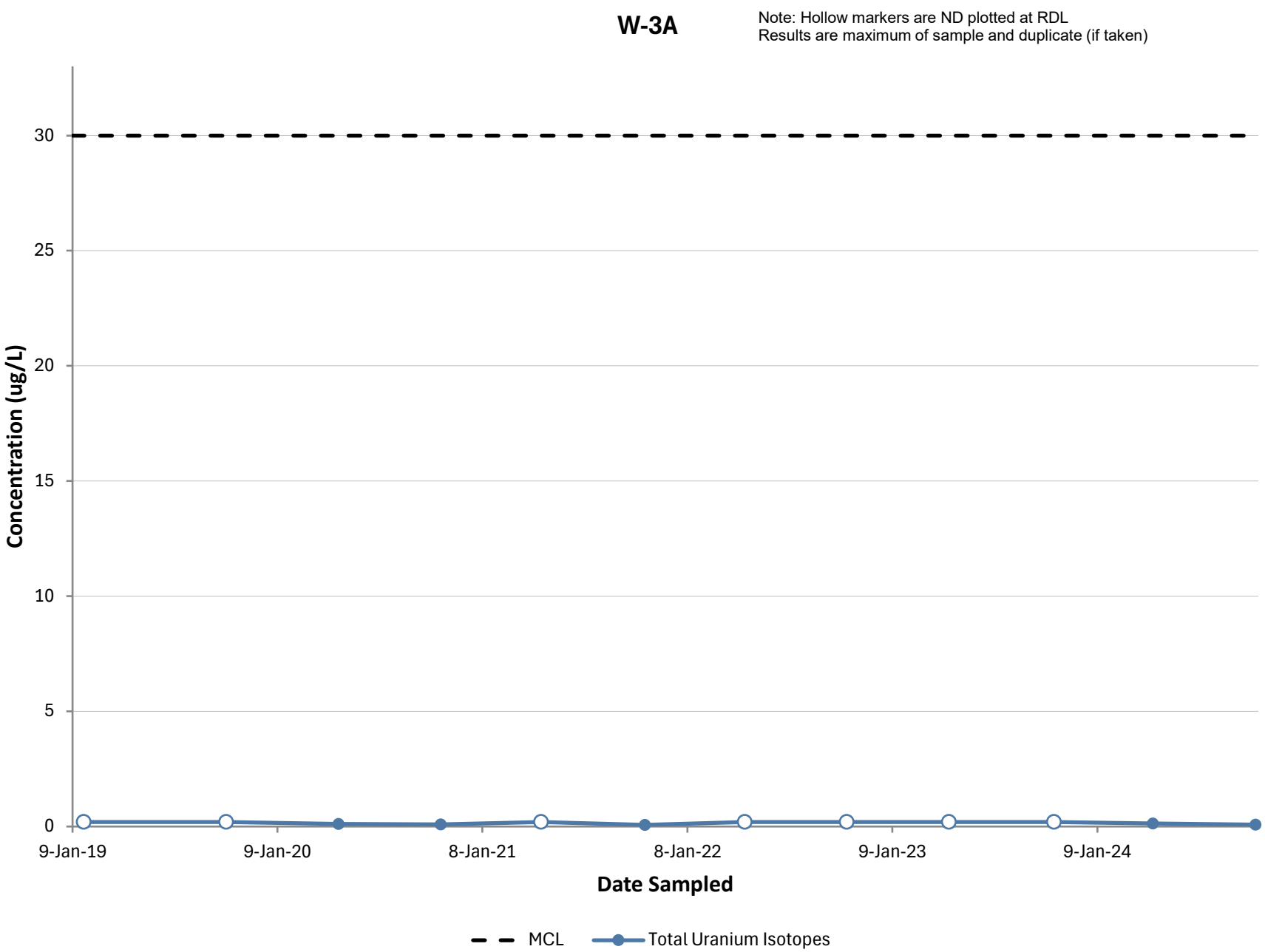

W-124
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
2
1.5
1
0.5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

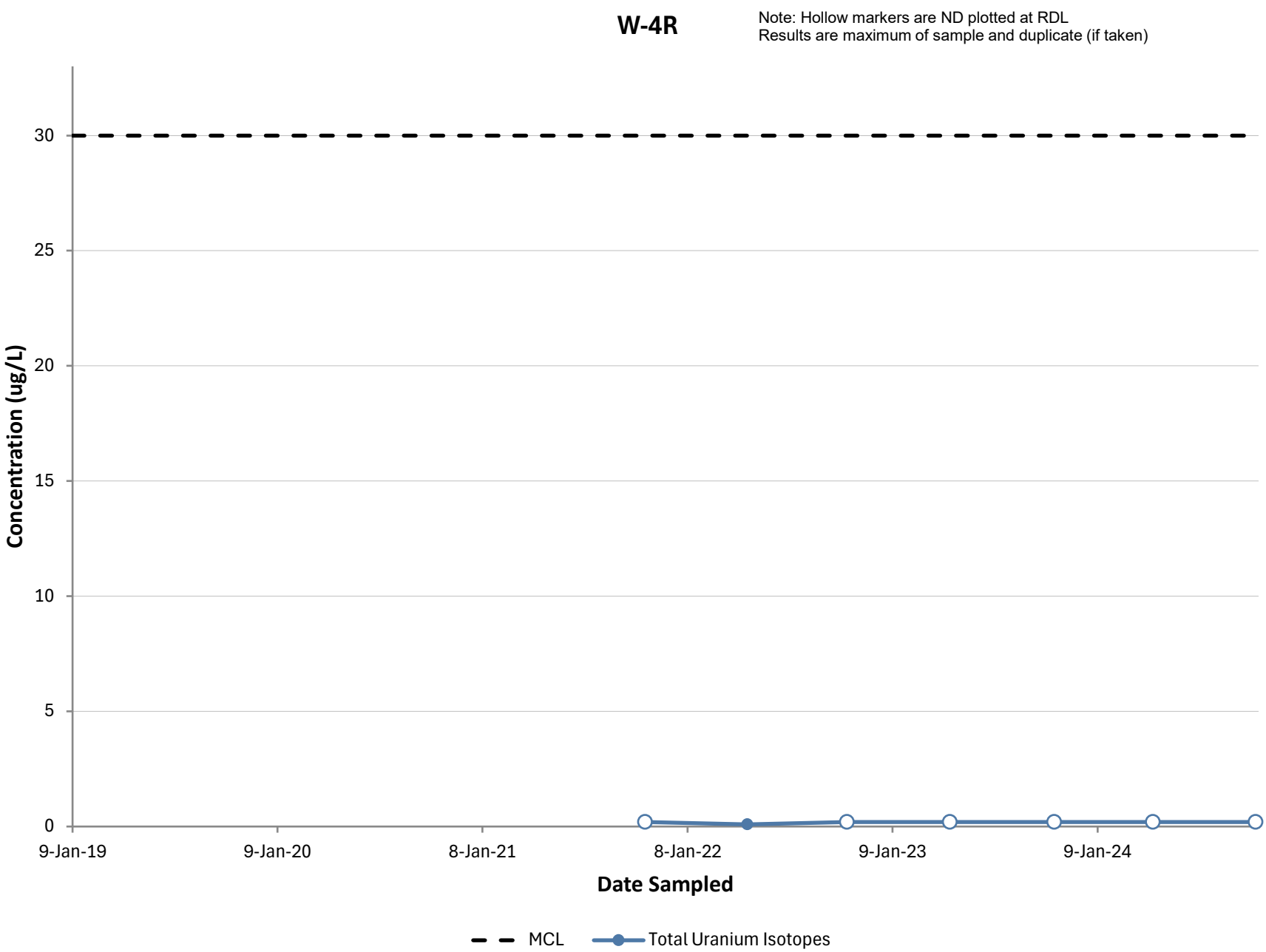

W-125
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
2
1.5
1
0.5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

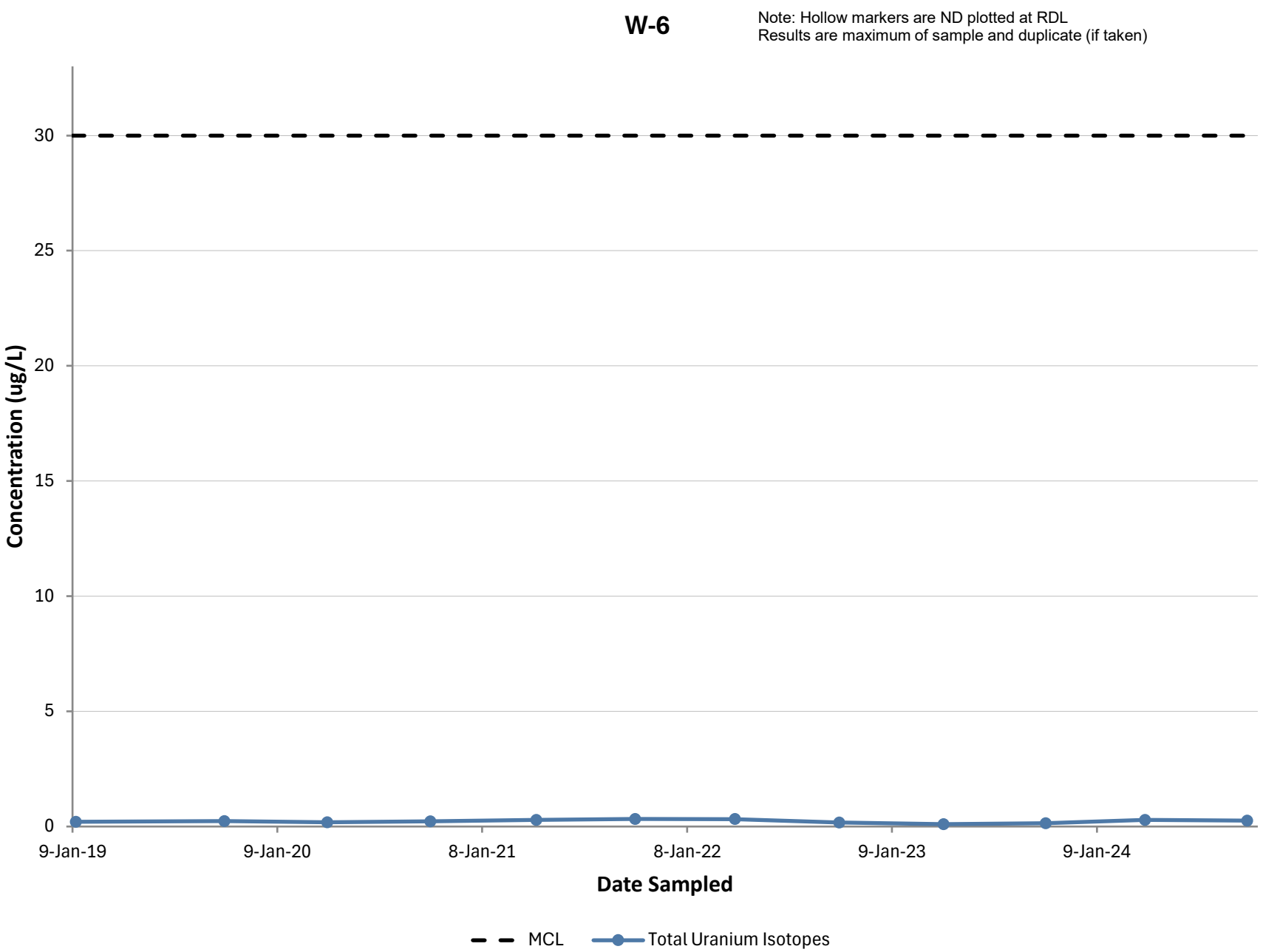

W-126
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
2
1.5
1
0.5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Vinyl chloride

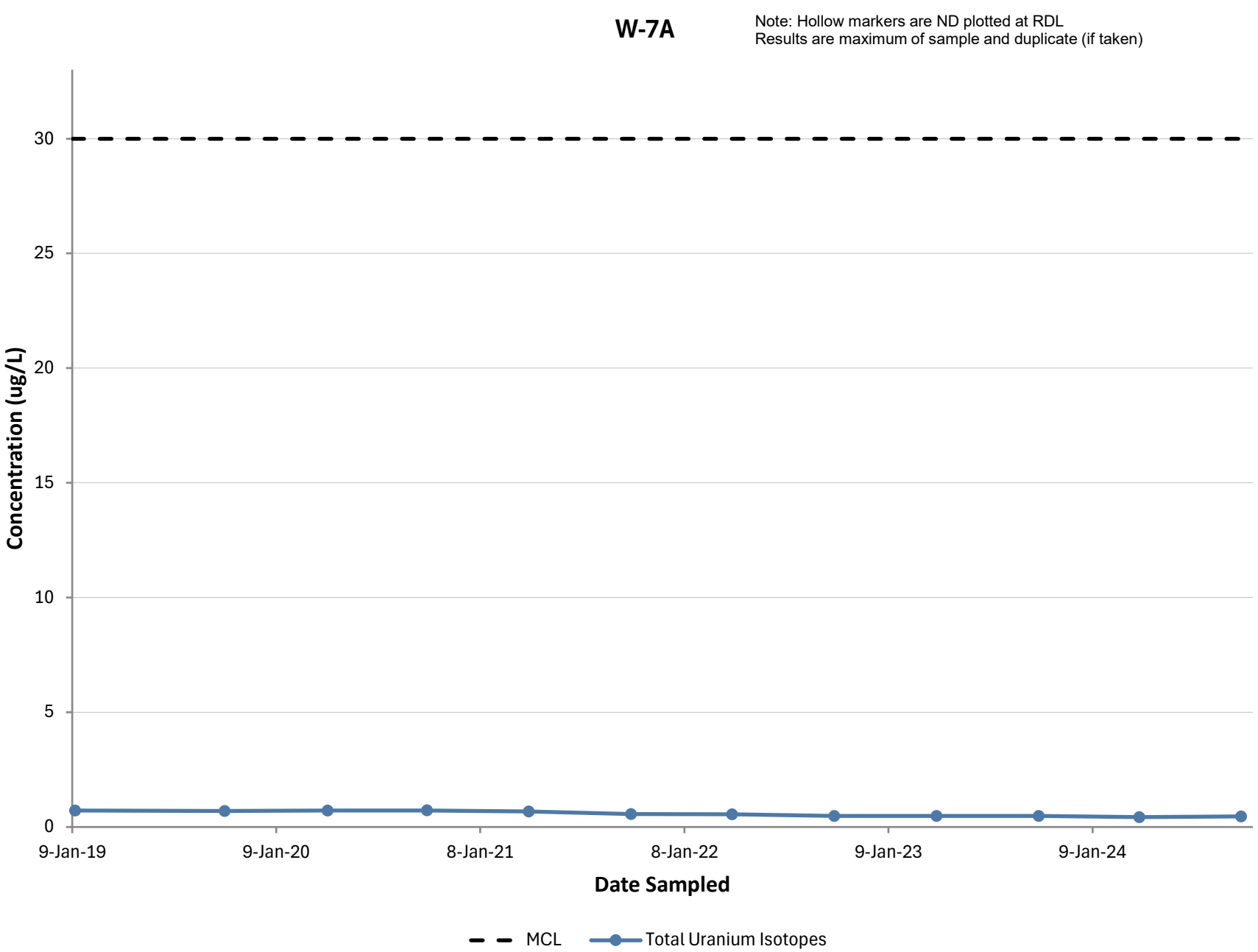

W-RW1
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

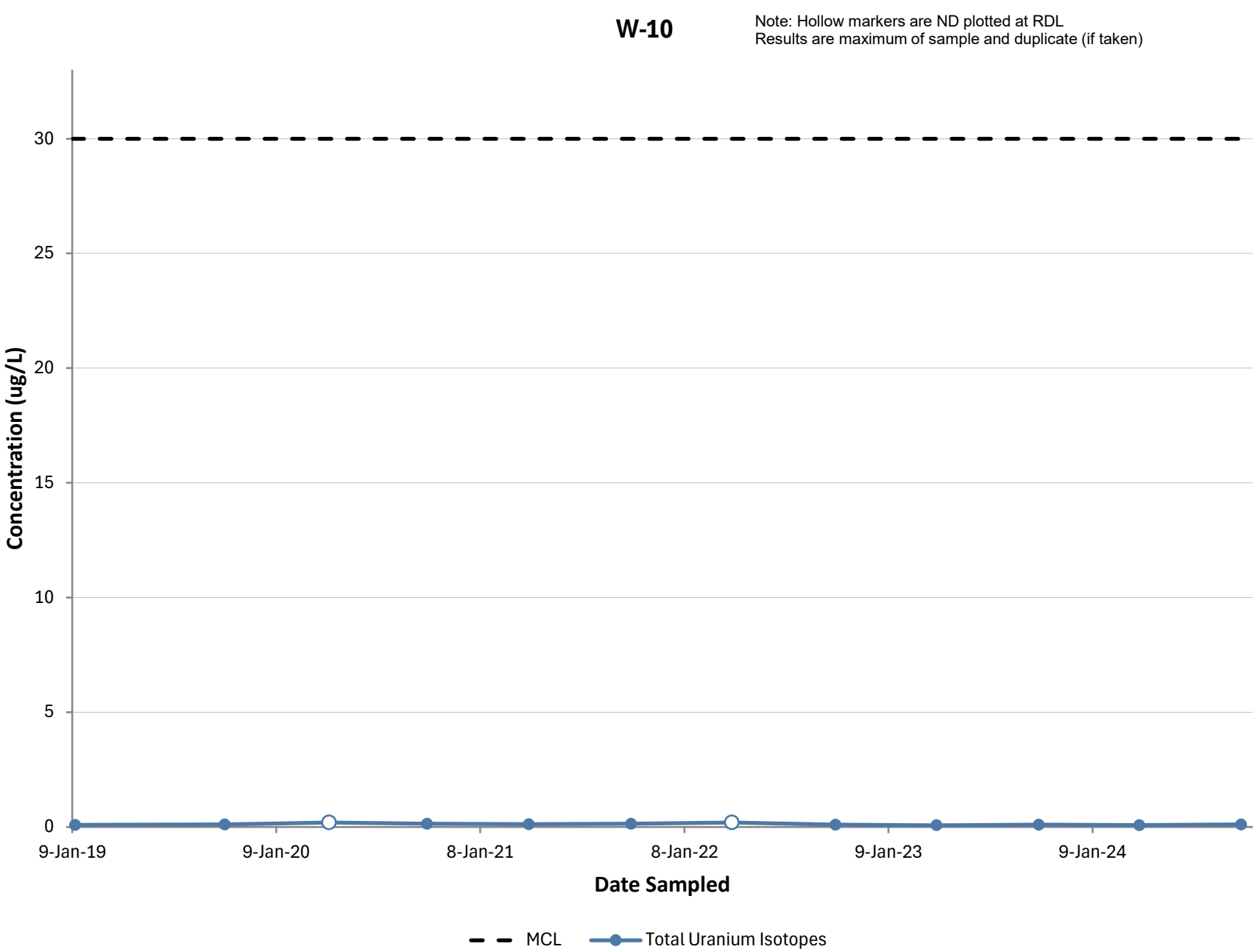

W-RW2
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

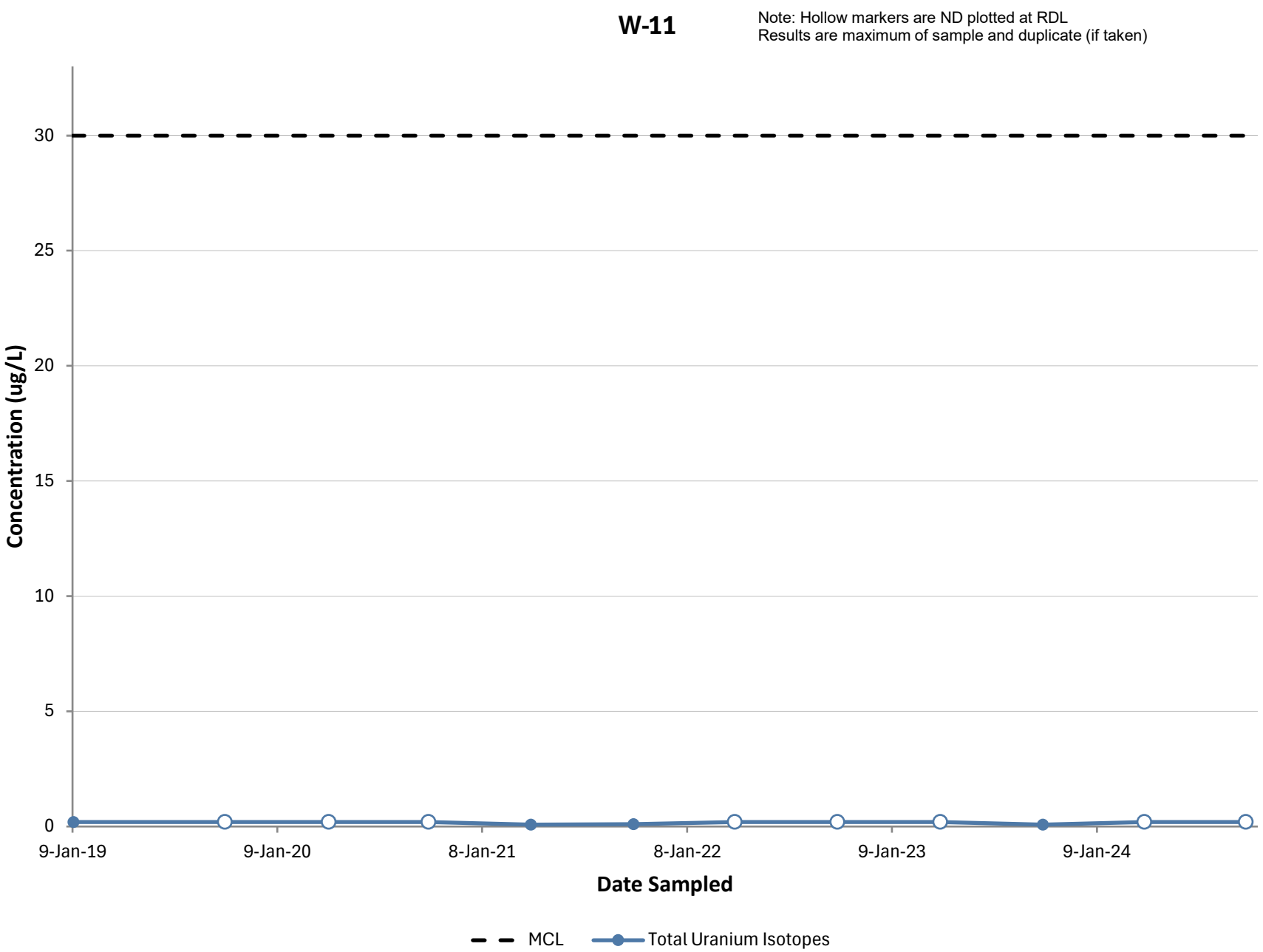

W-3A
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

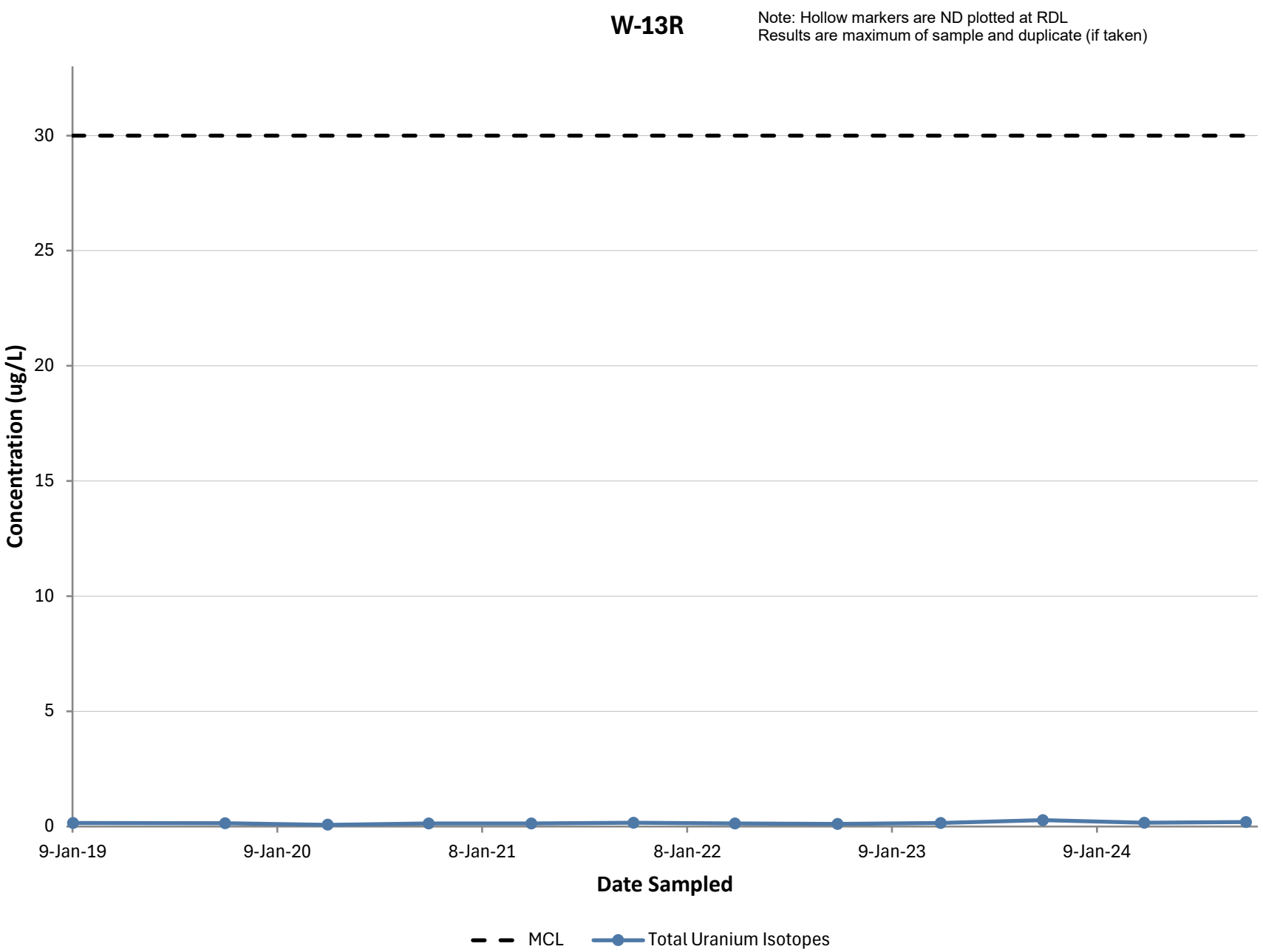

W-4R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-6
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-7A
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

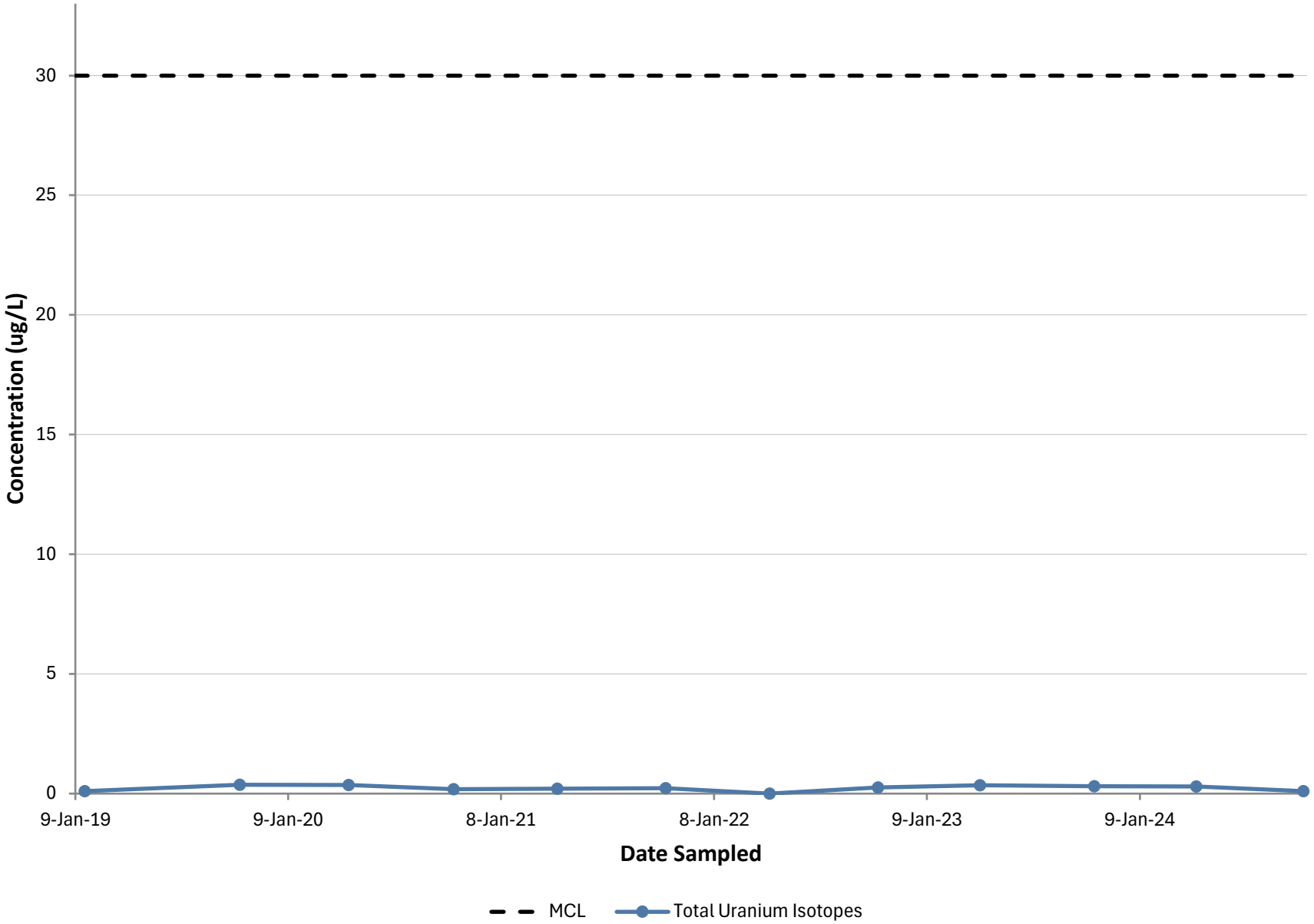

W-10
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-11
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-13R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

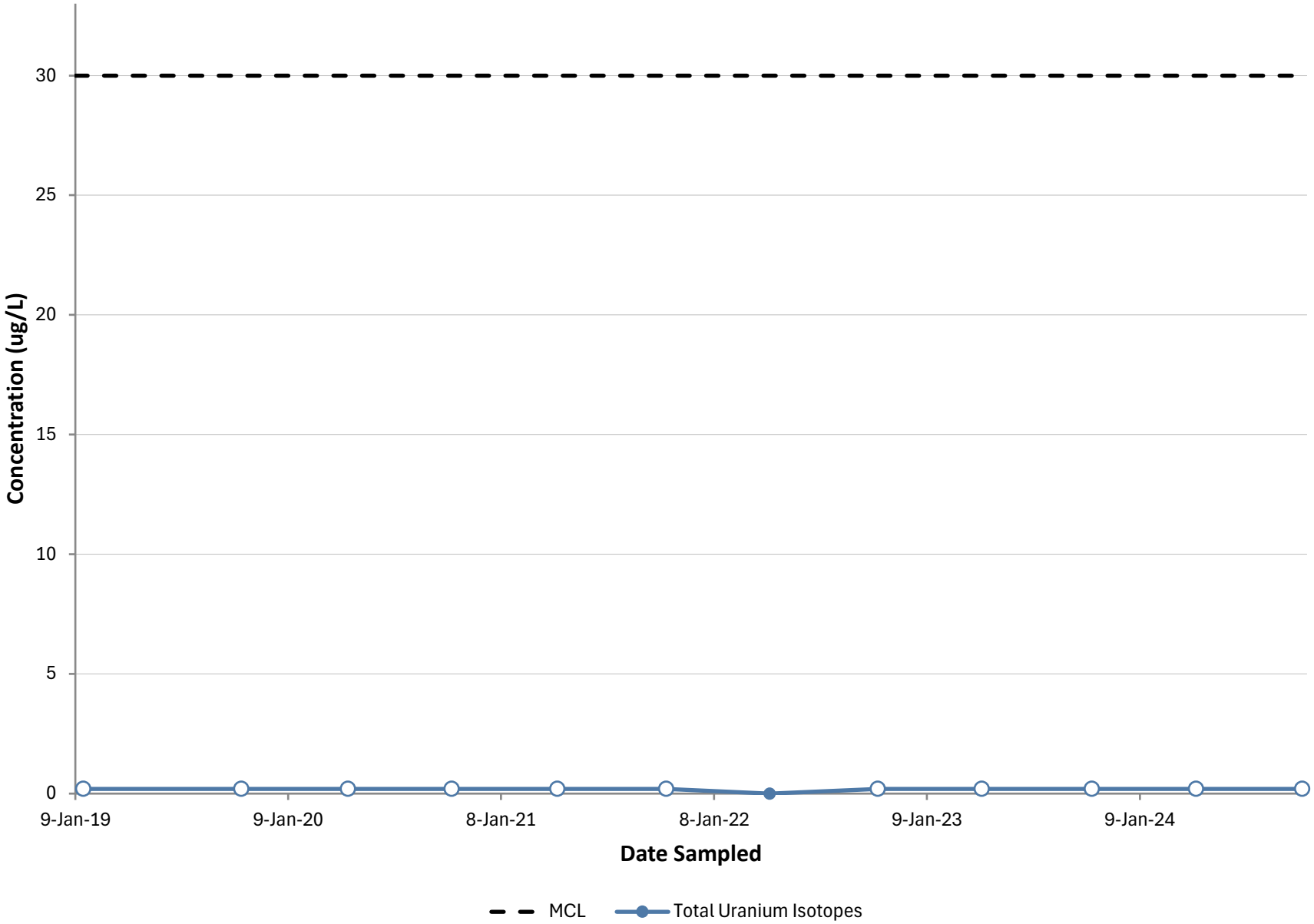
W-14

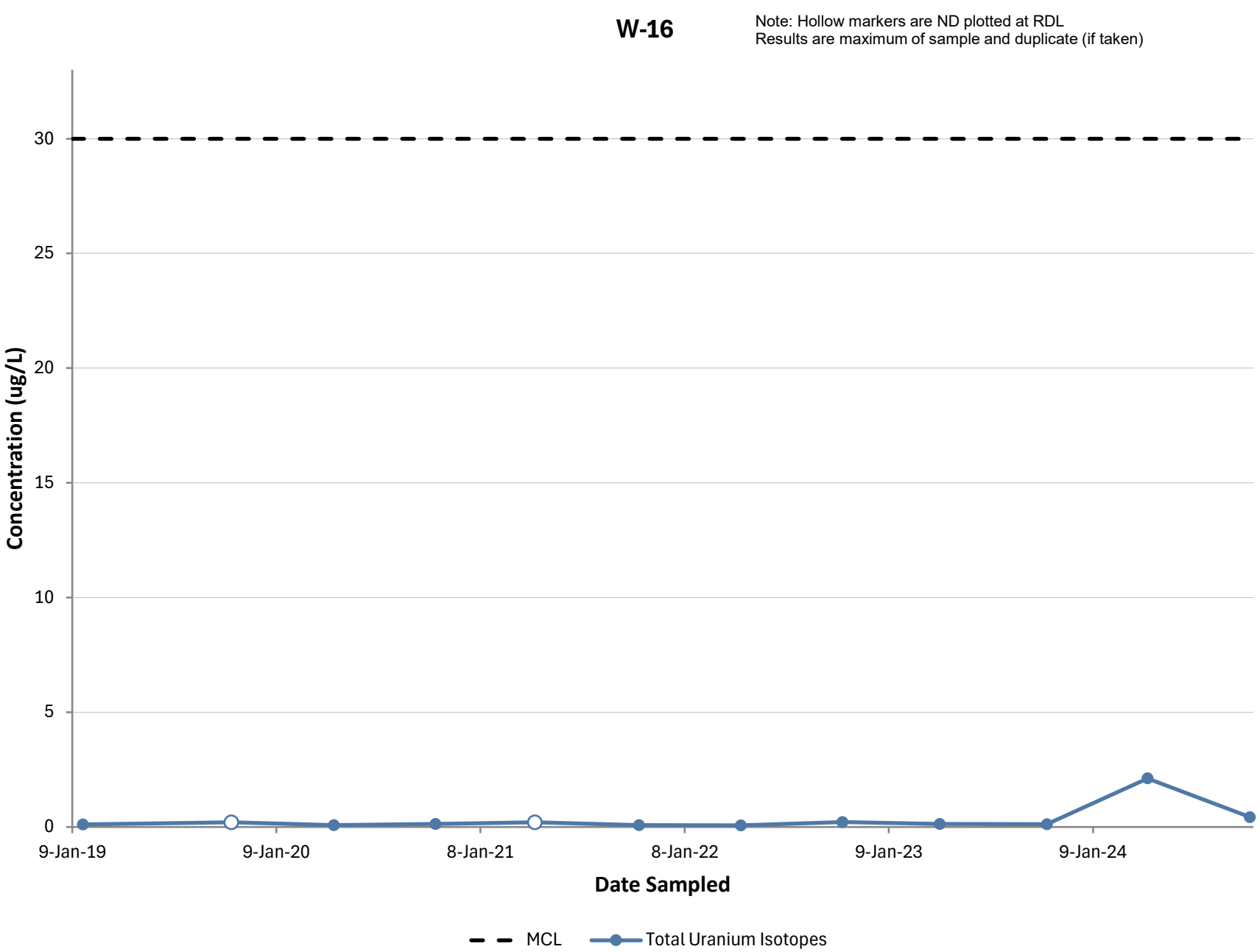
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

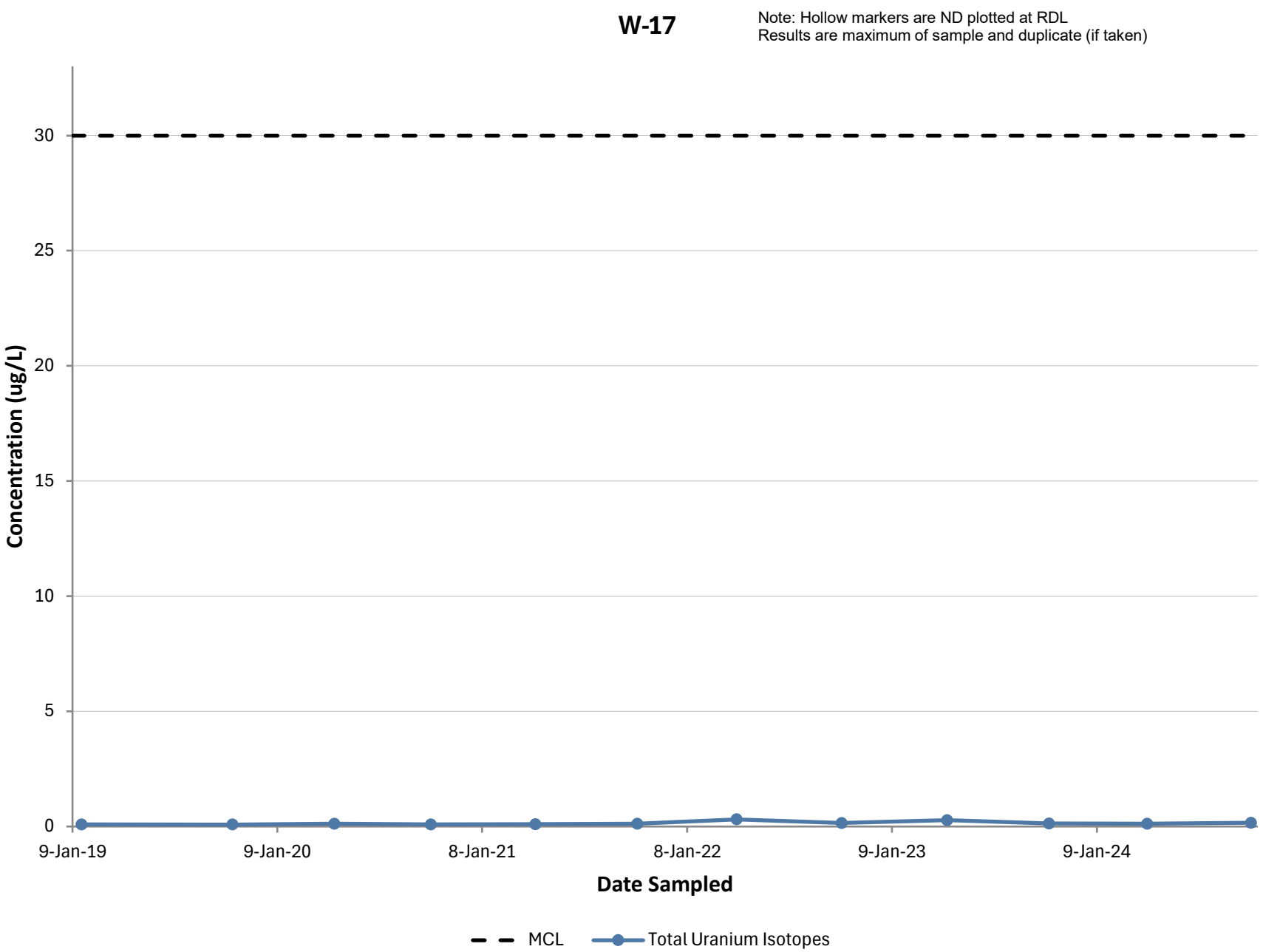


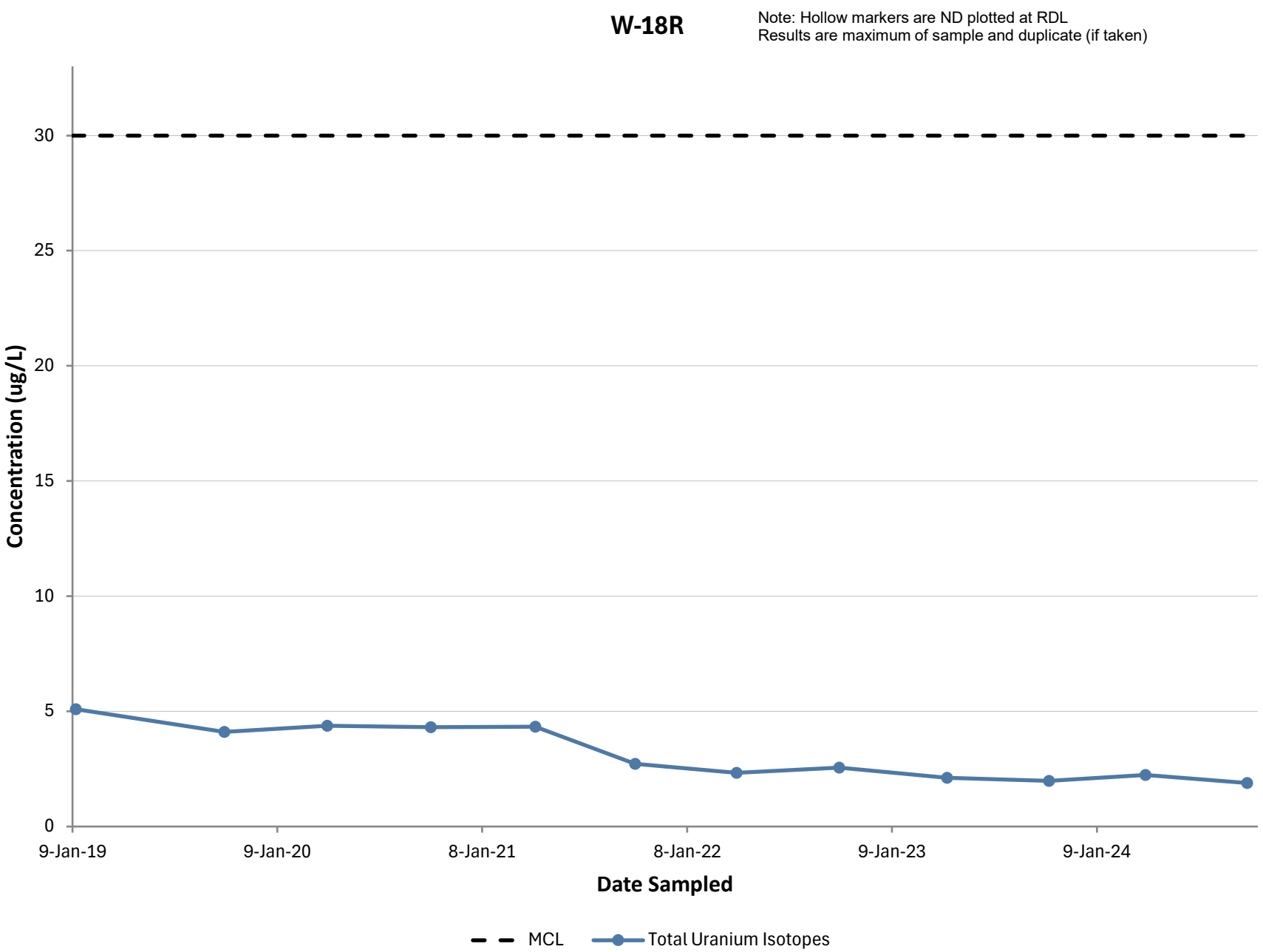
W-15

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



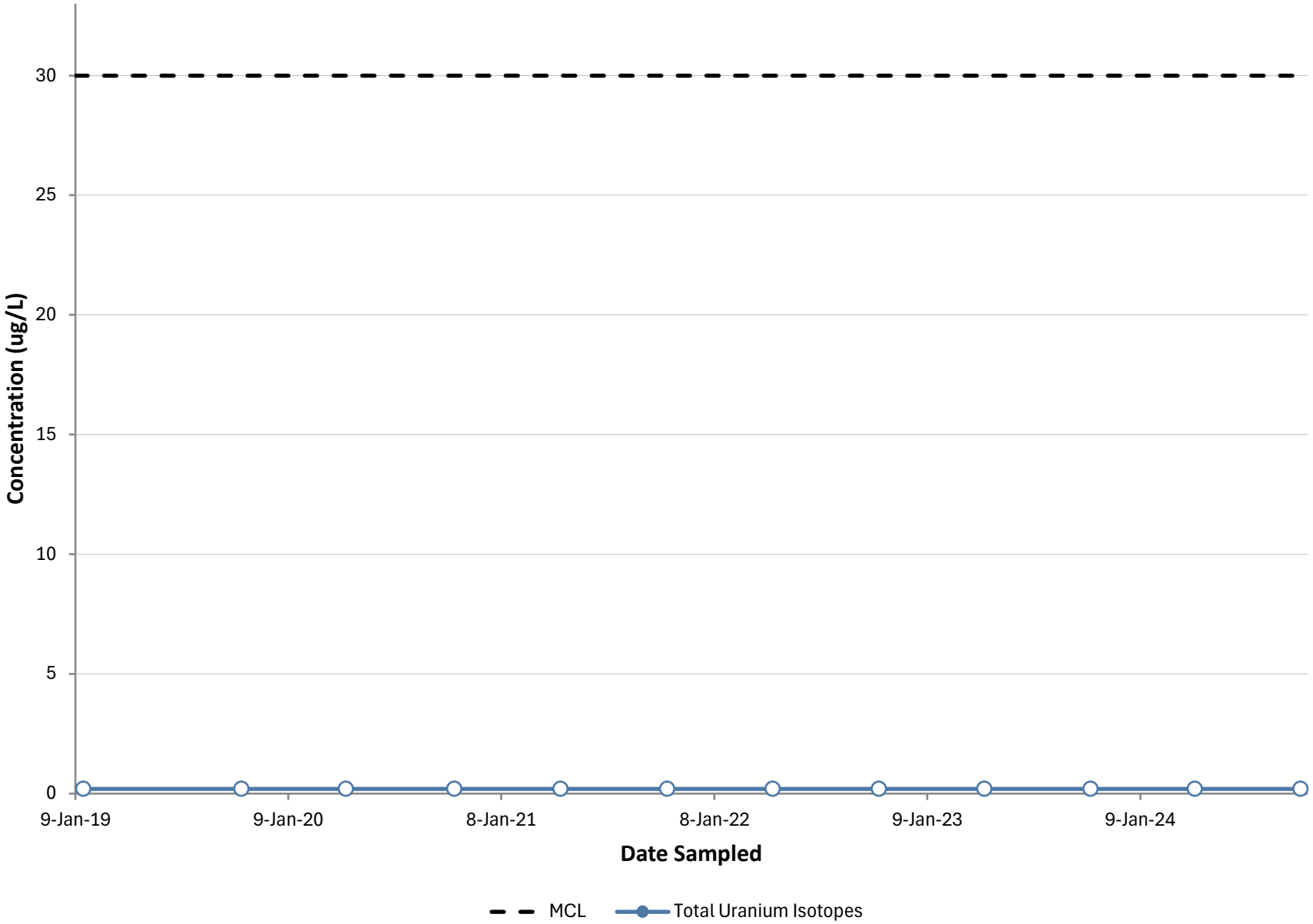

W-16
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

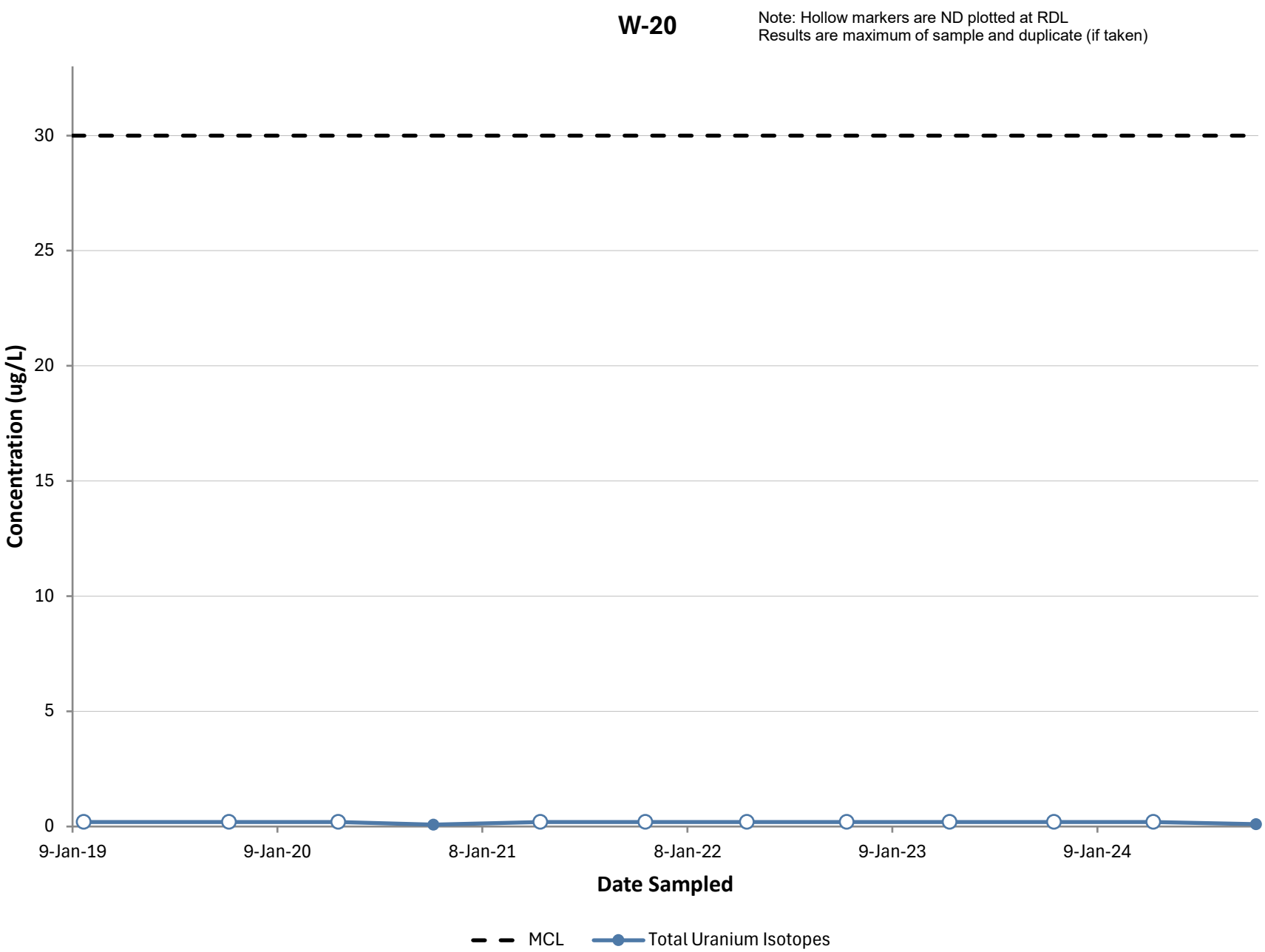

W-17
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

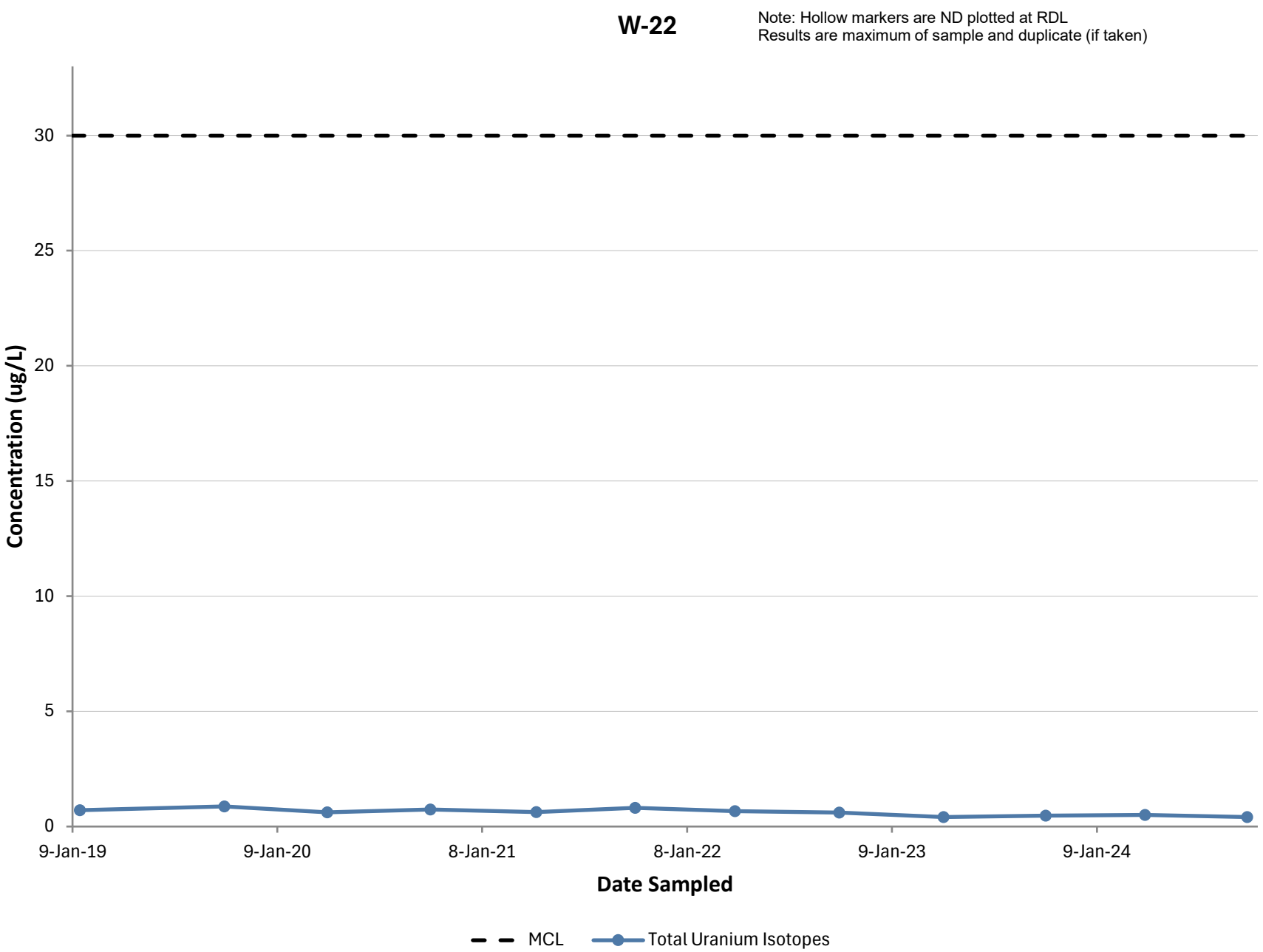

W-18R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

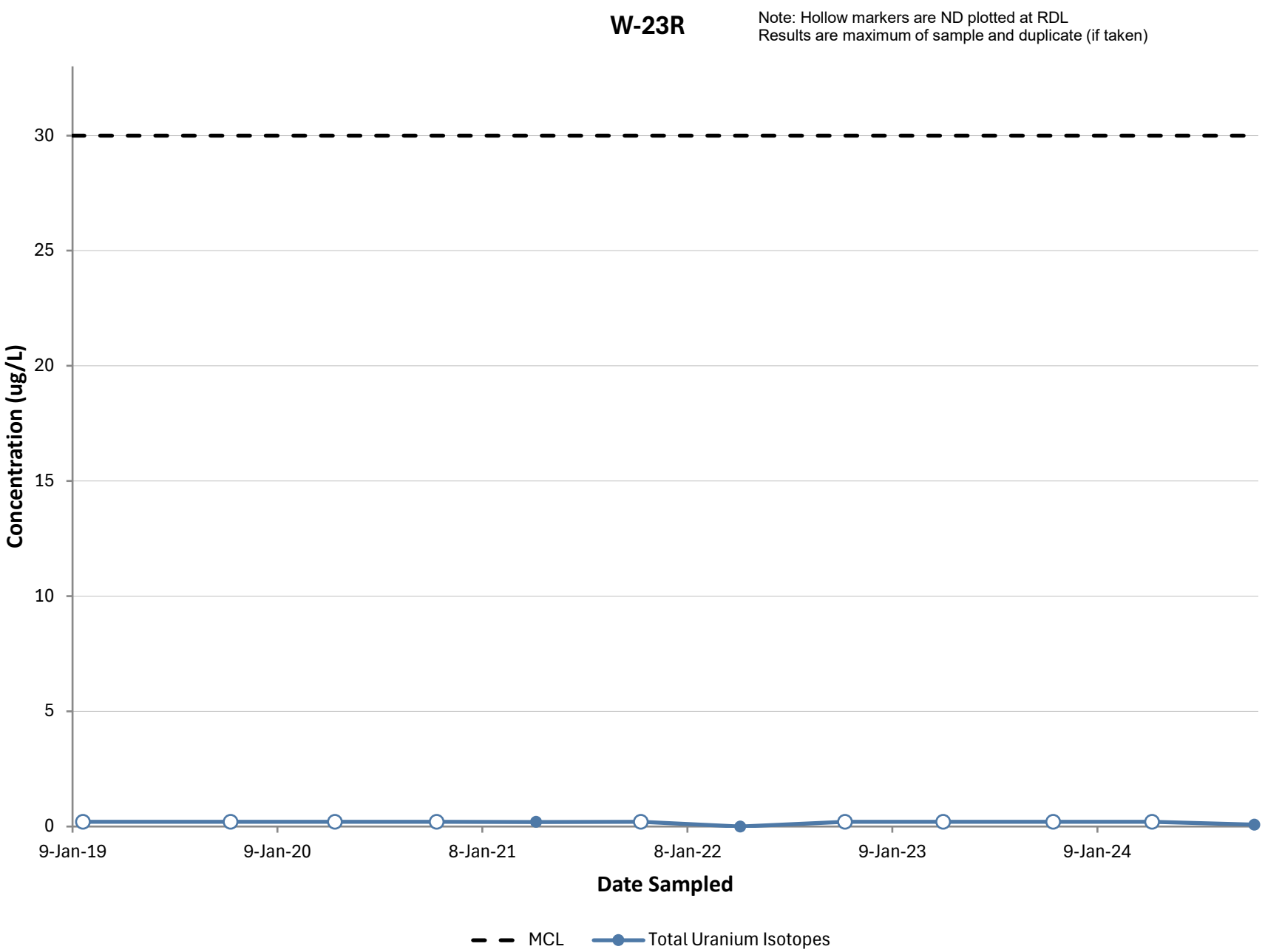
W-19B

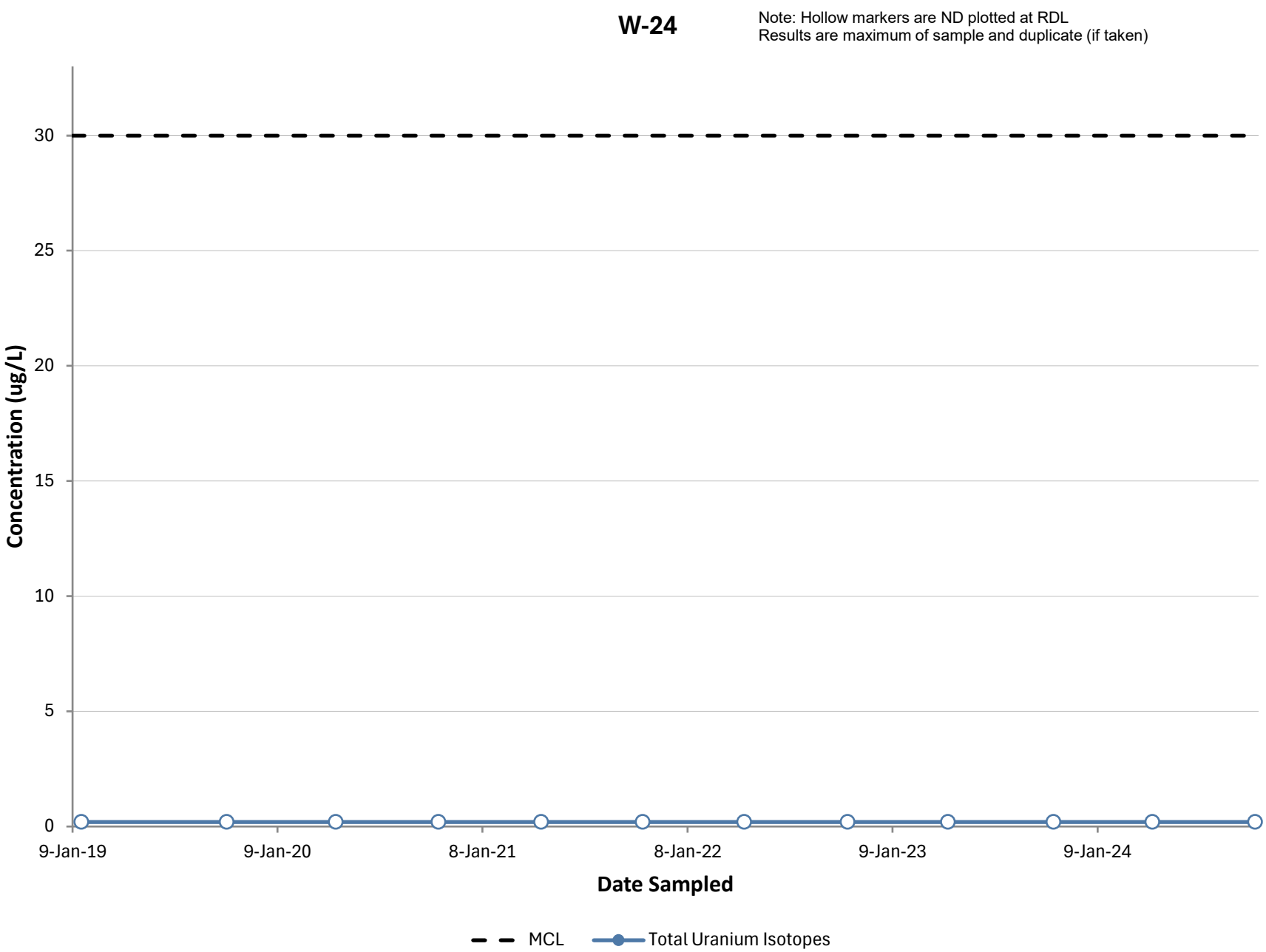
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

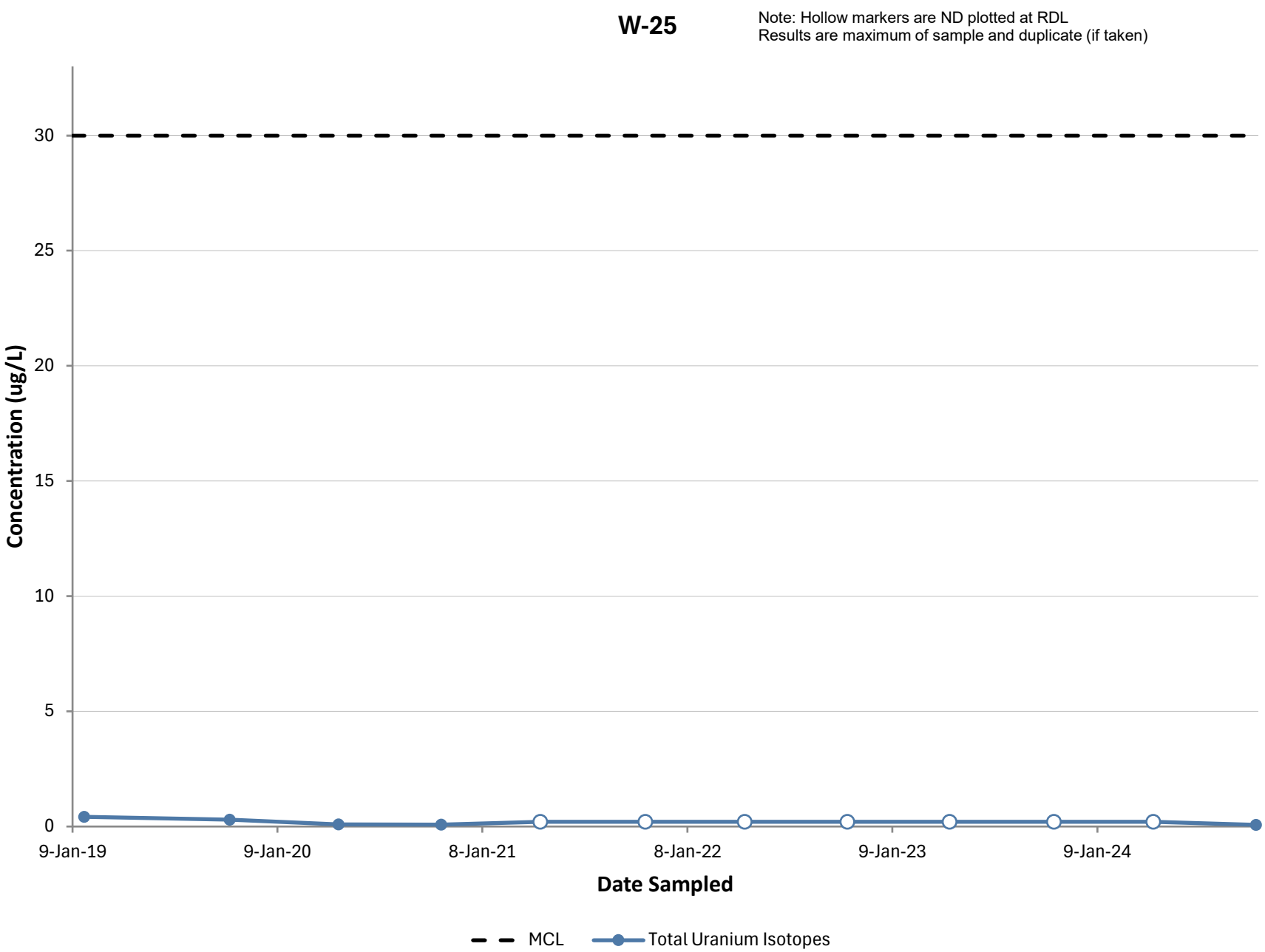



W-20
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-22
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

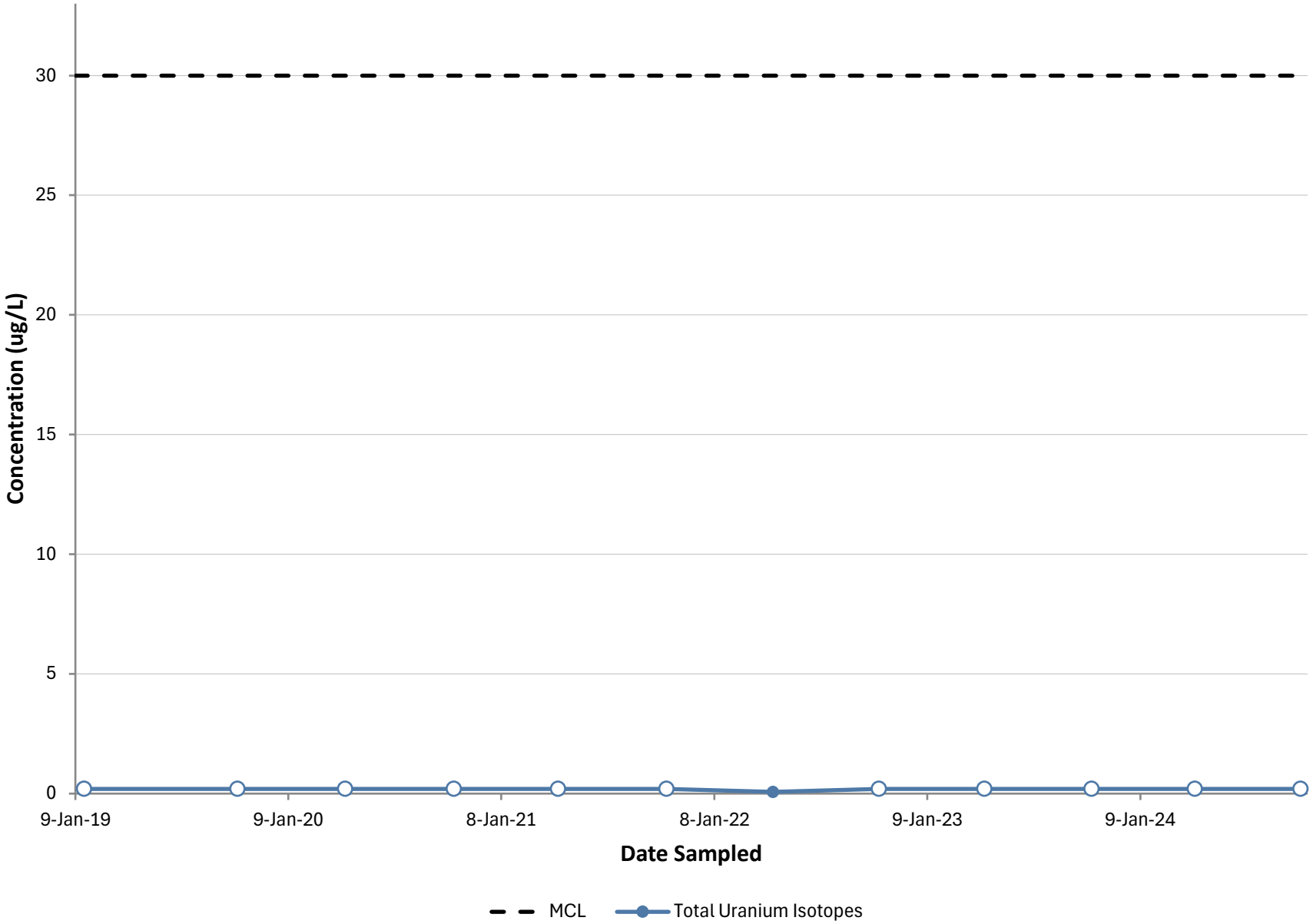

W-23R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

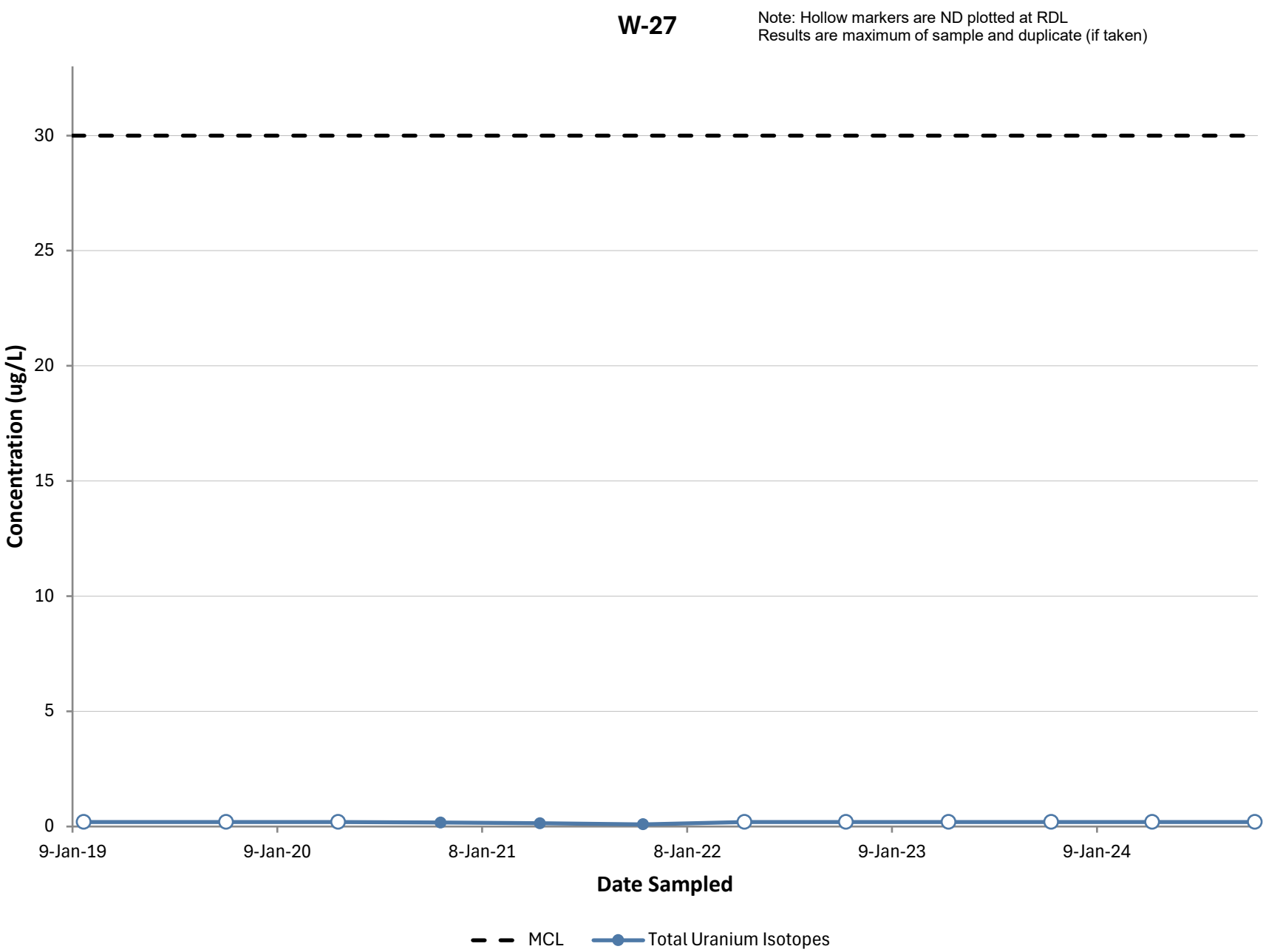

W-24
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-25
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

W-26

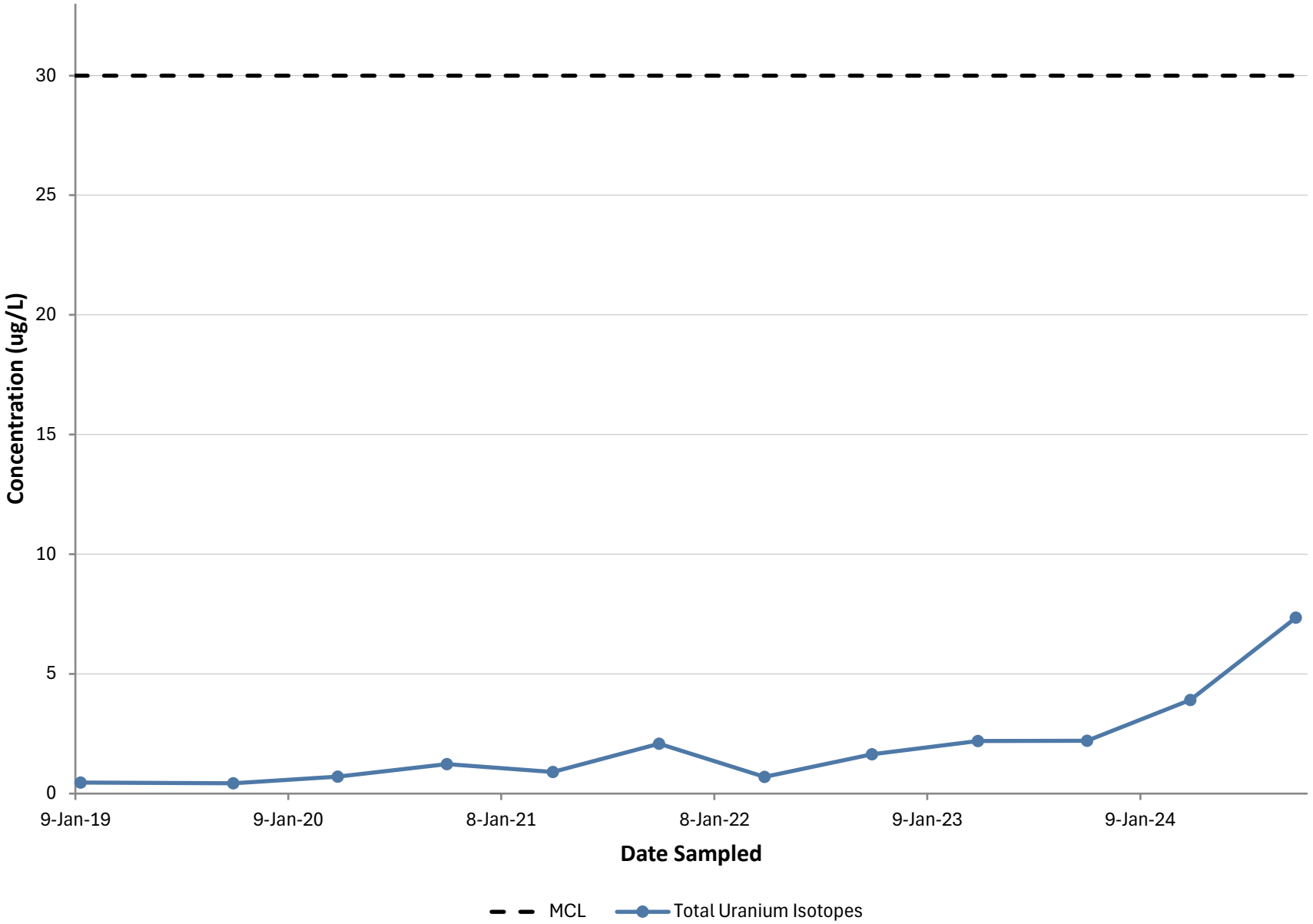
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

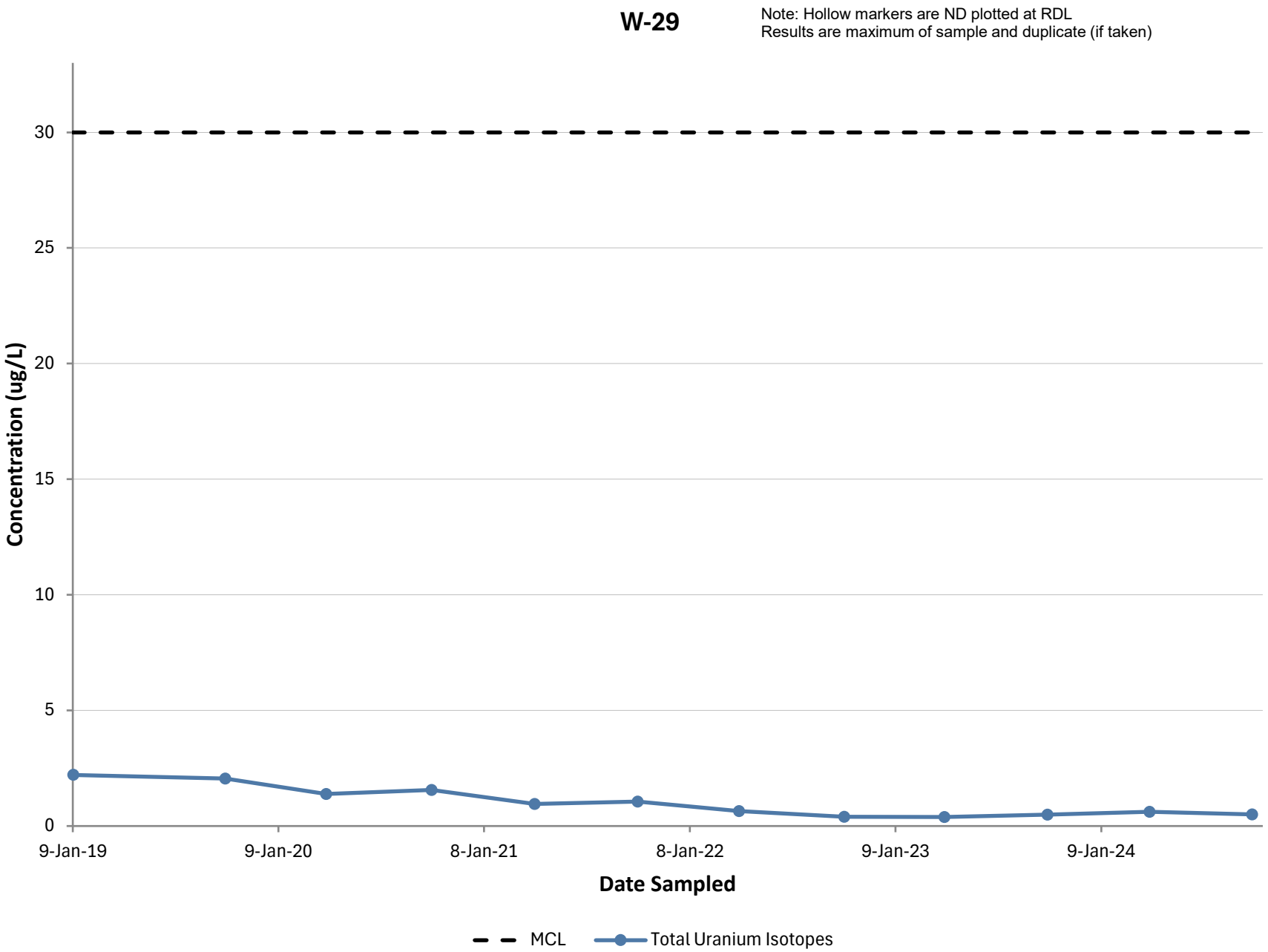



W-27
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

W-28

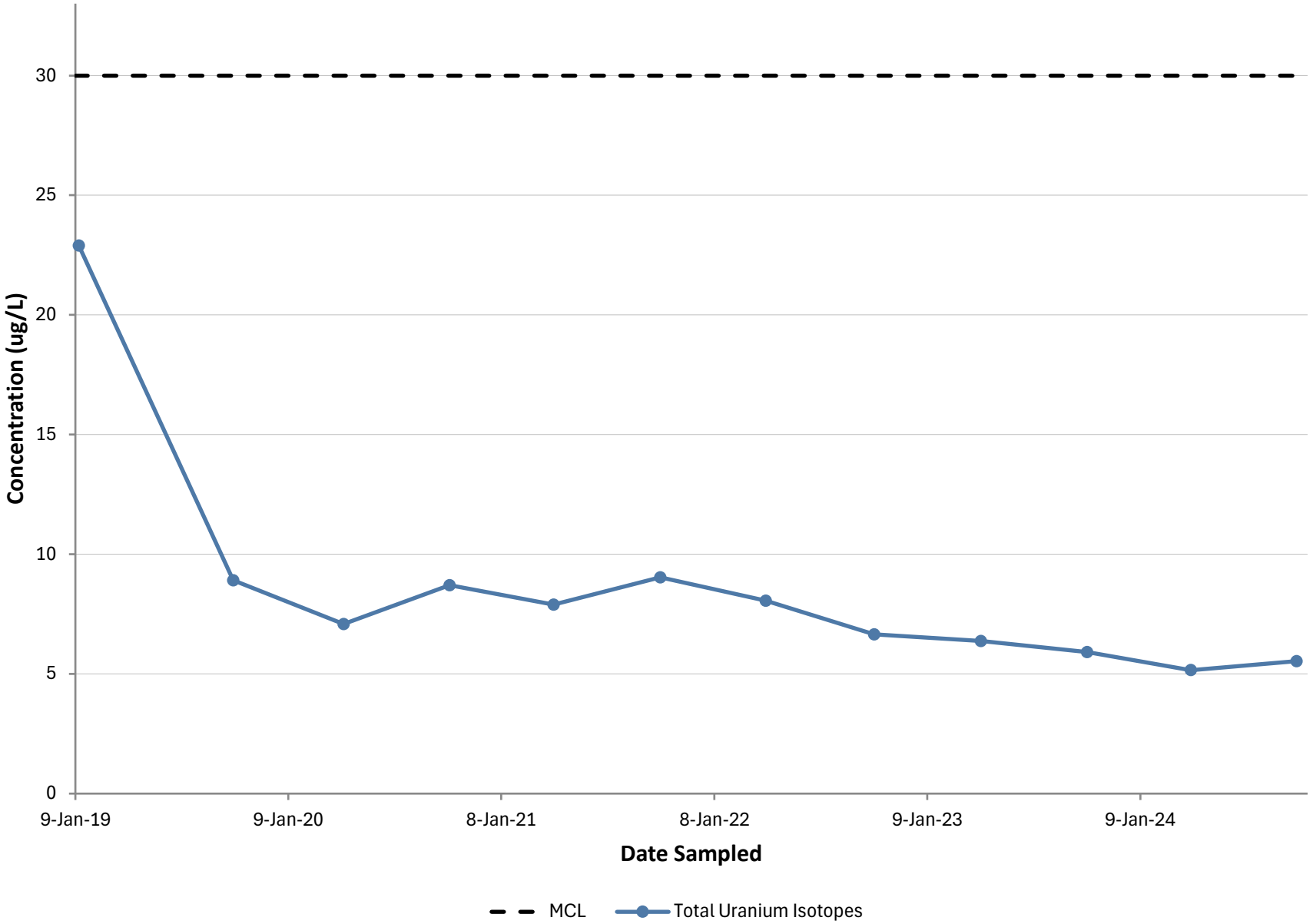
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-29
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

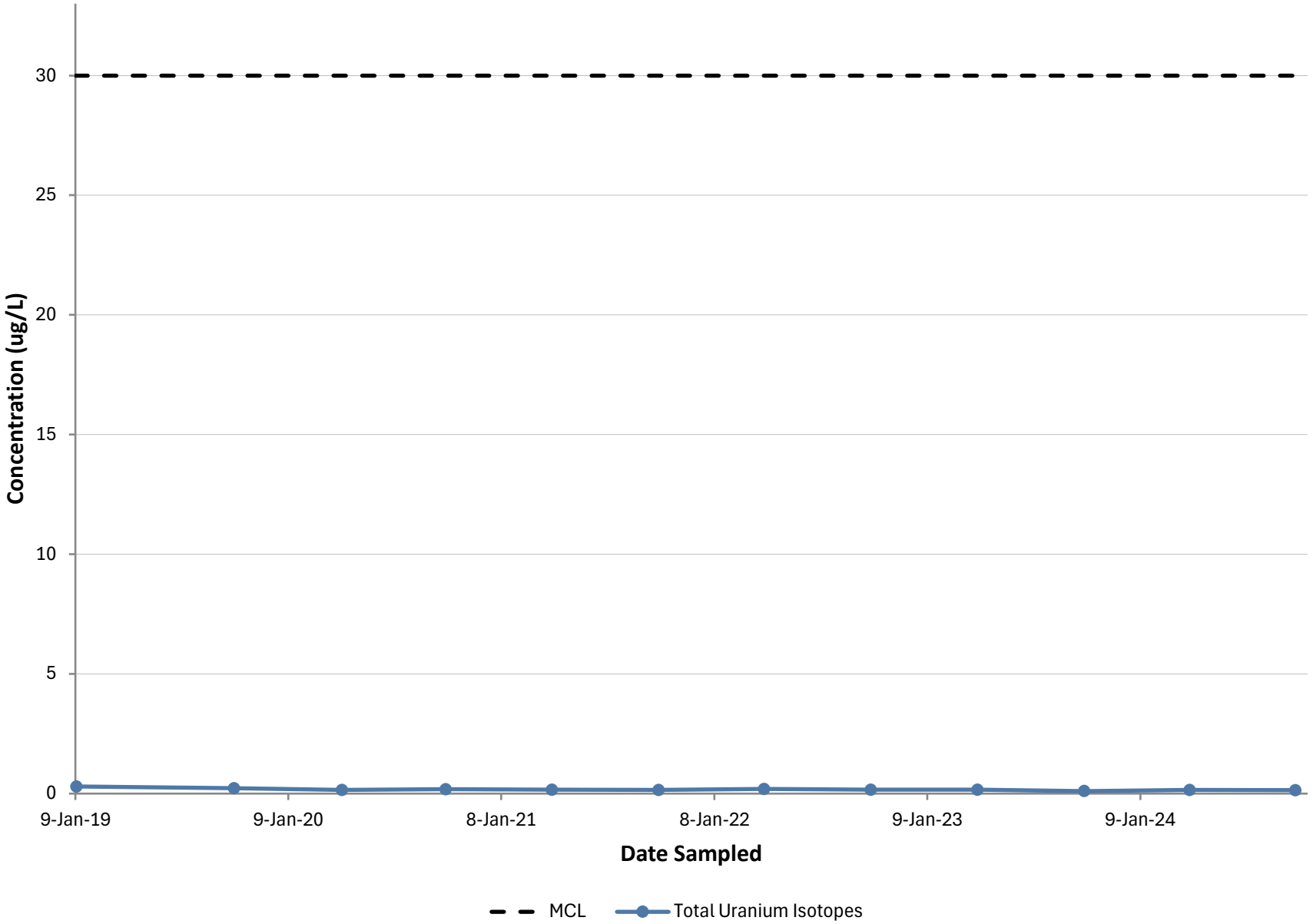
W-30

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



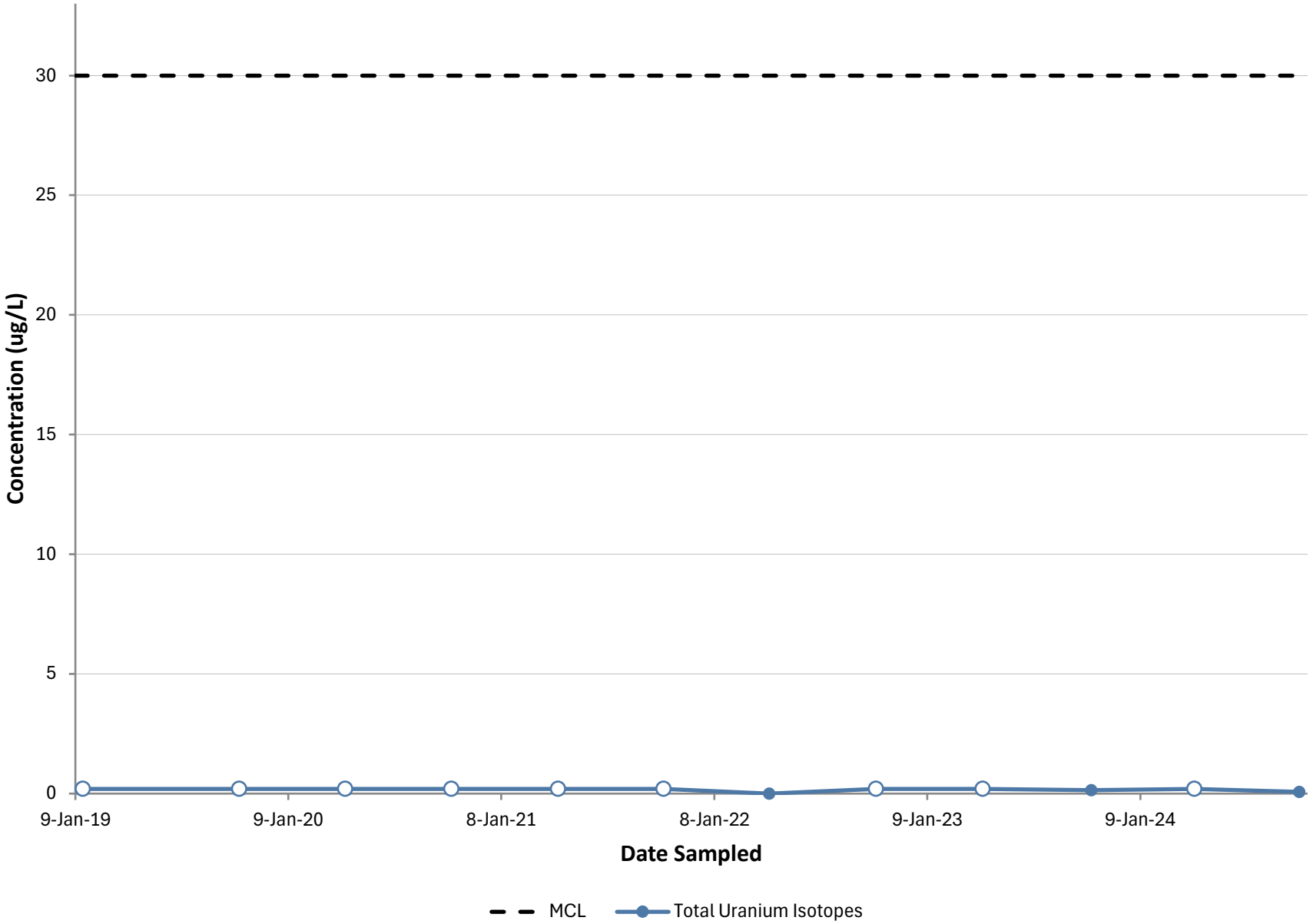
W-32

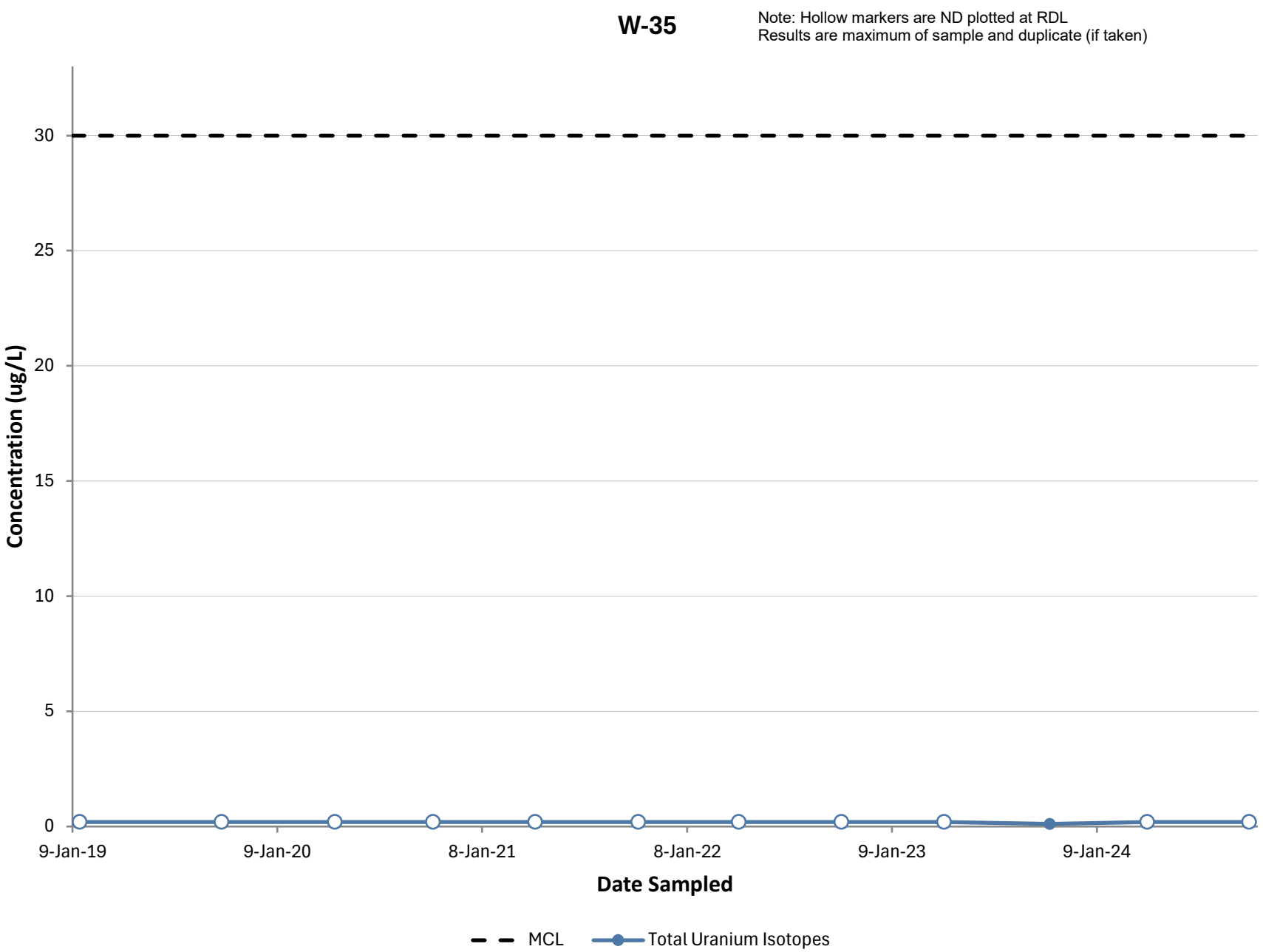
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-33

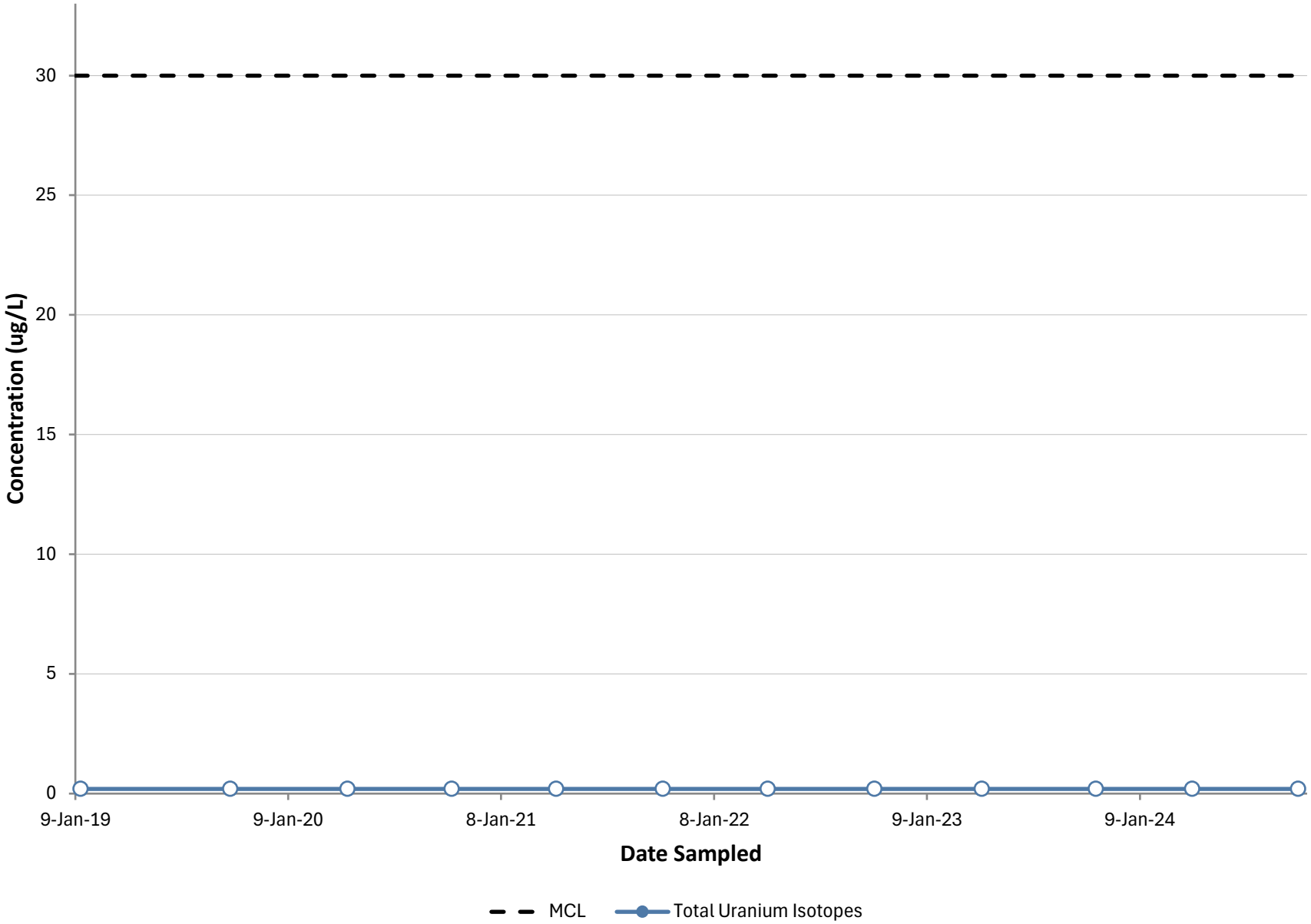
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

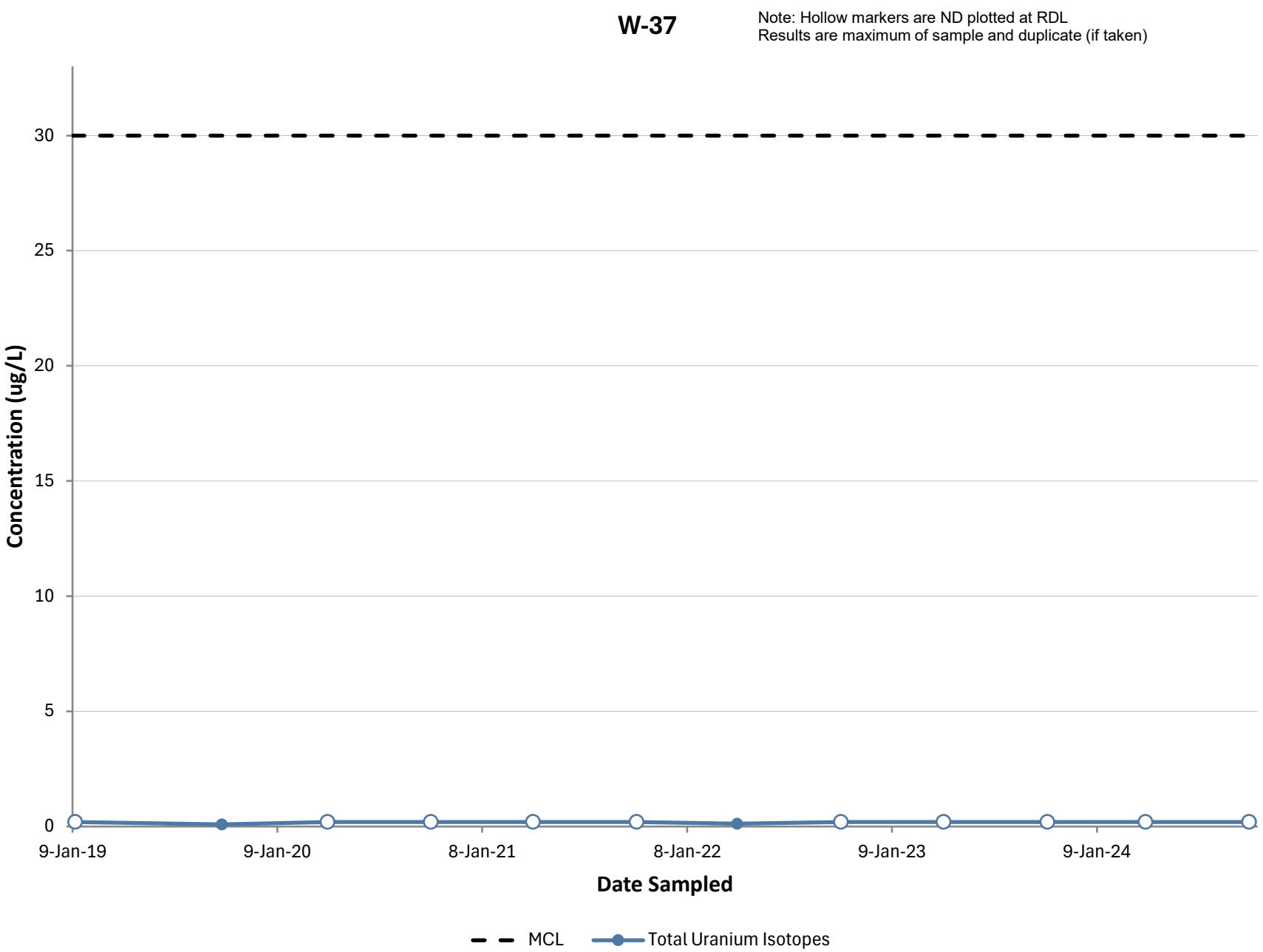


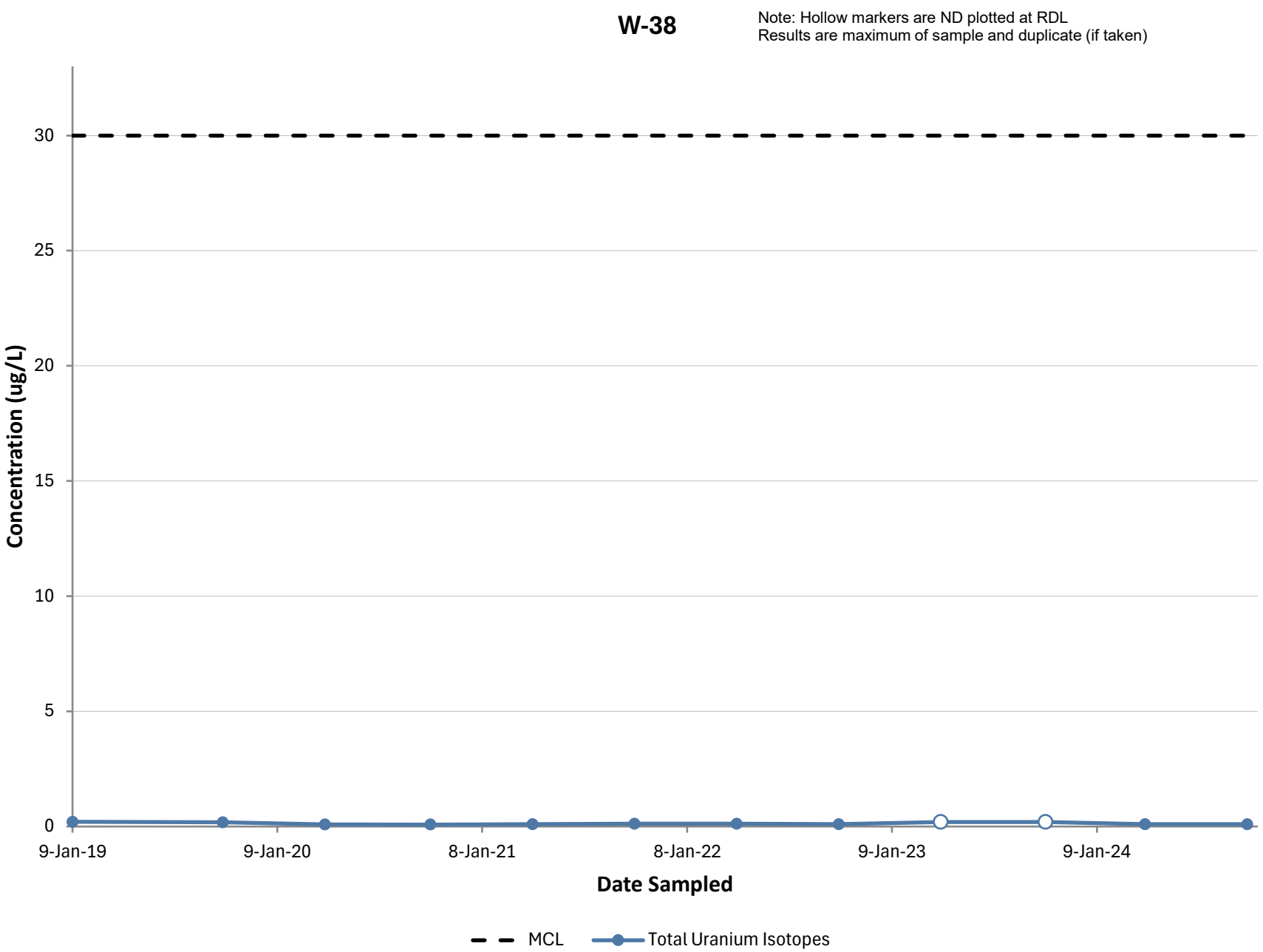

W-35
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

W-36

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

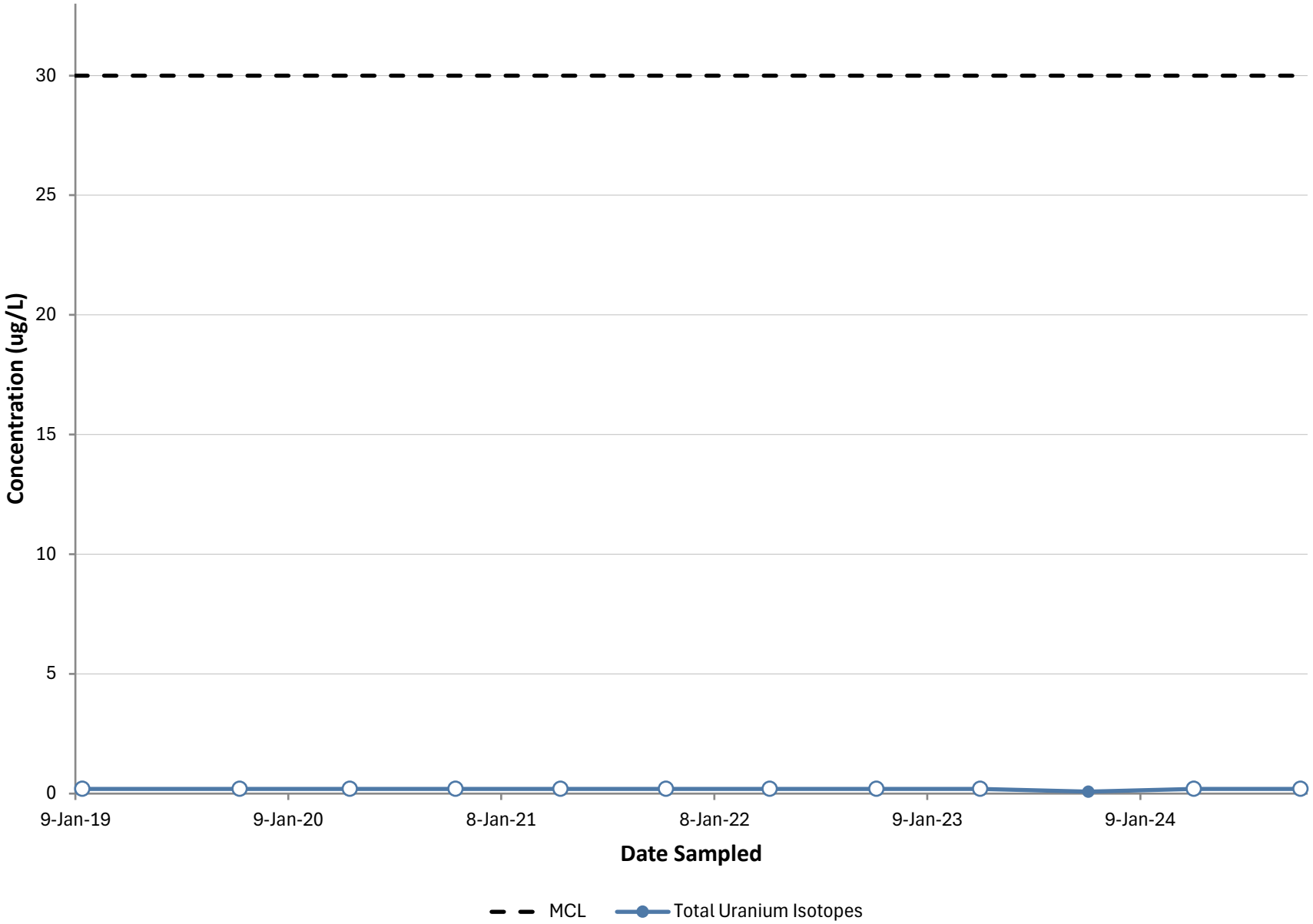


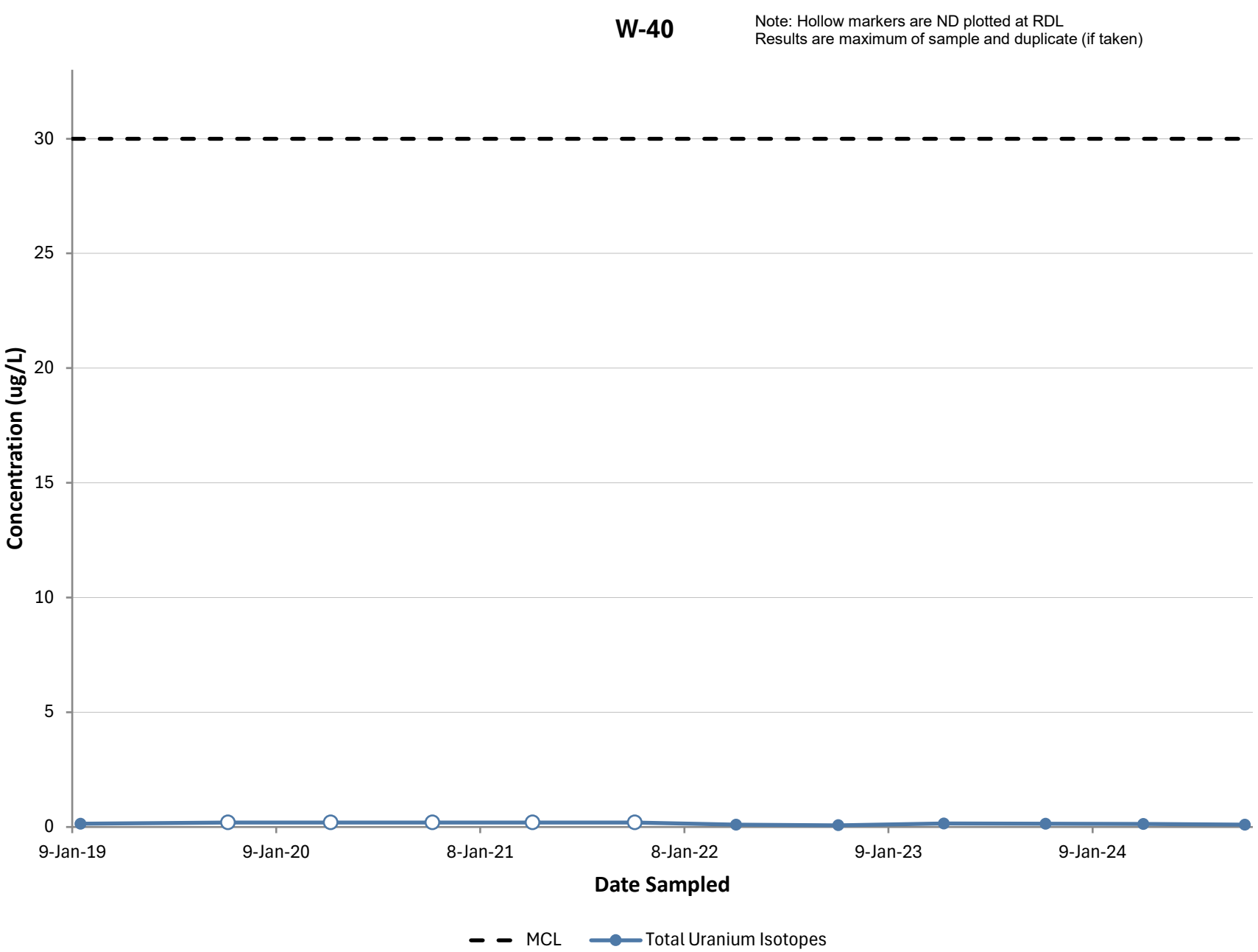

W-37
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

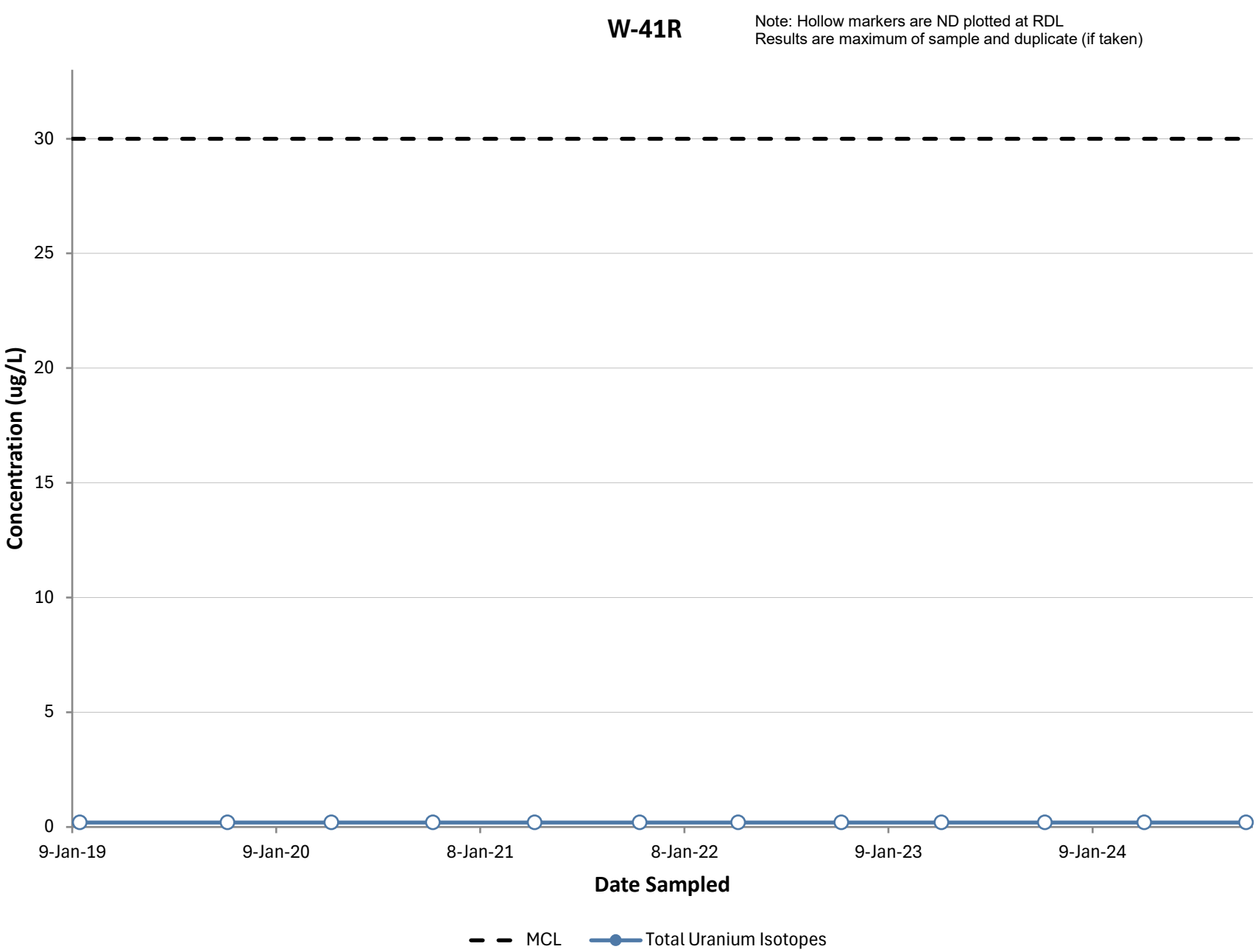

W-38
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

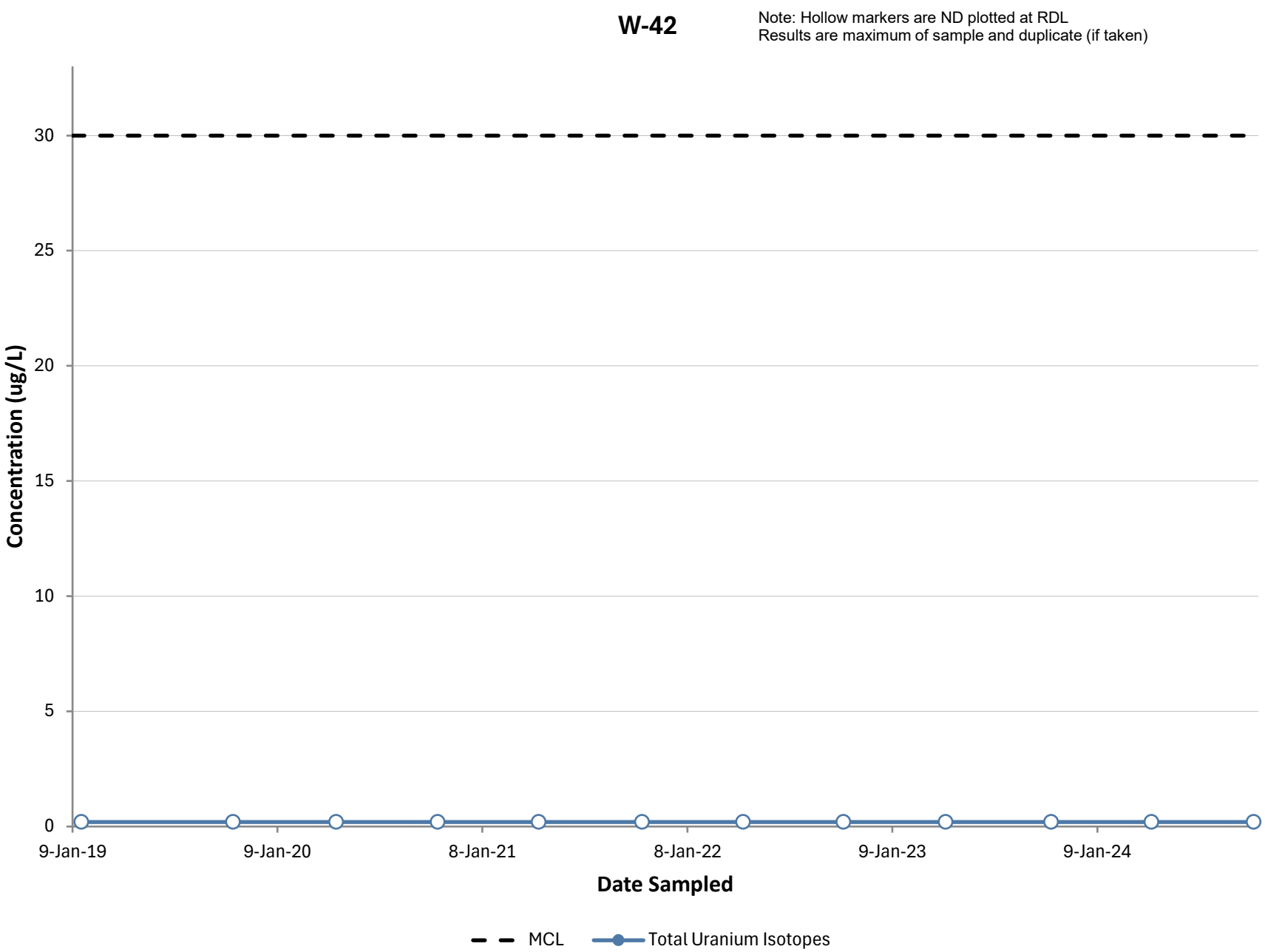
W-39

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



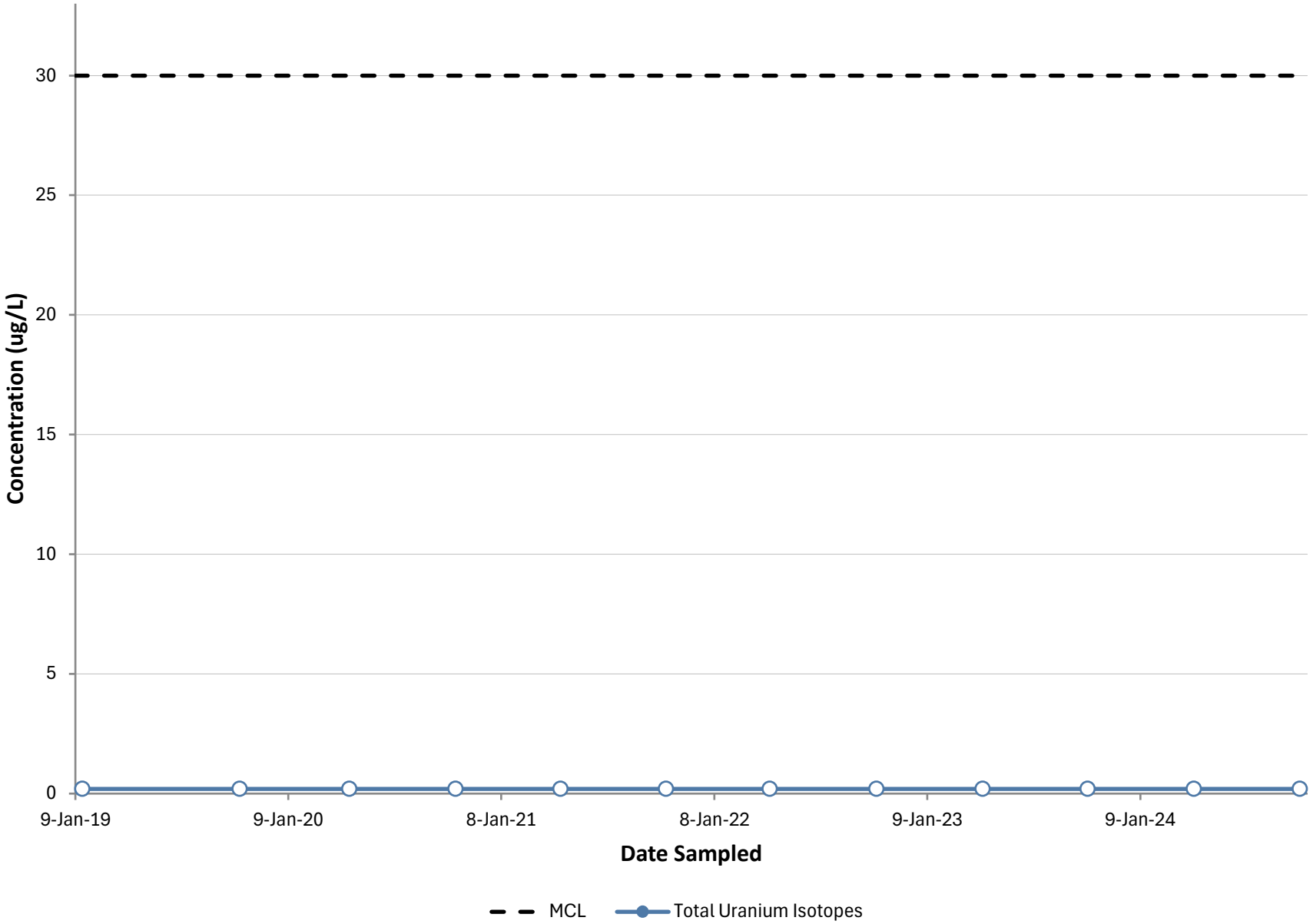

W-40
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

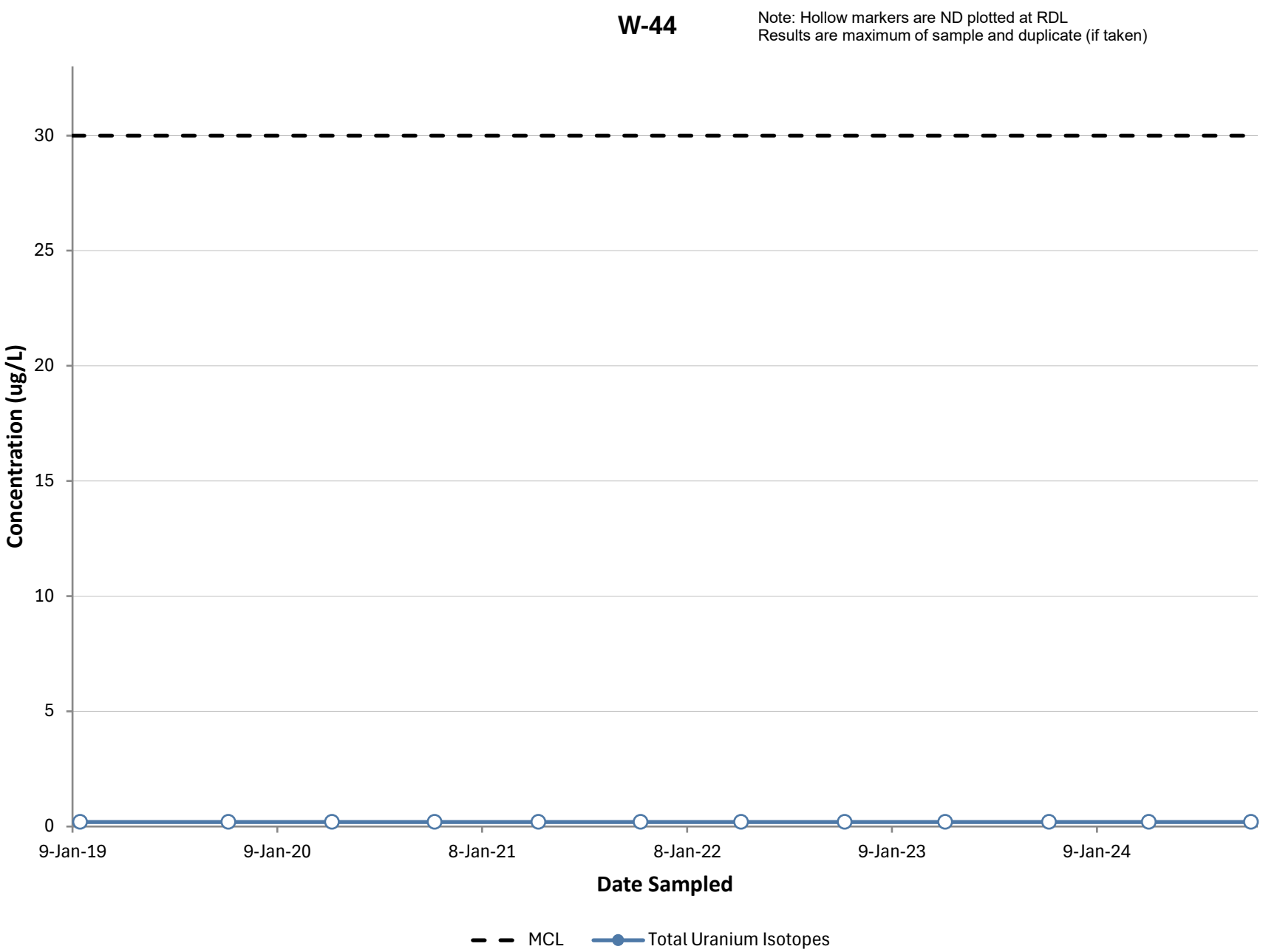

W-41R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

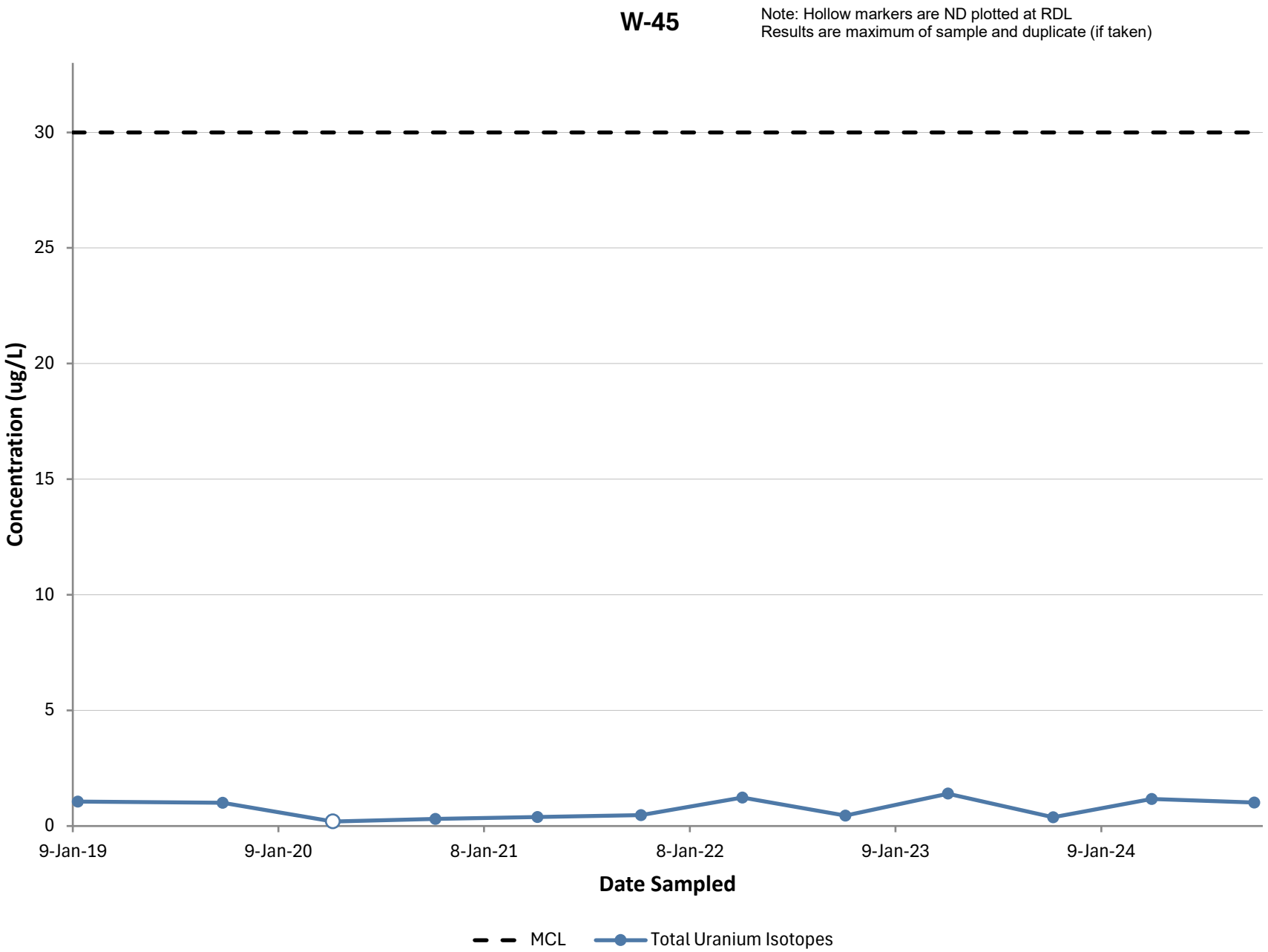

W-42
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

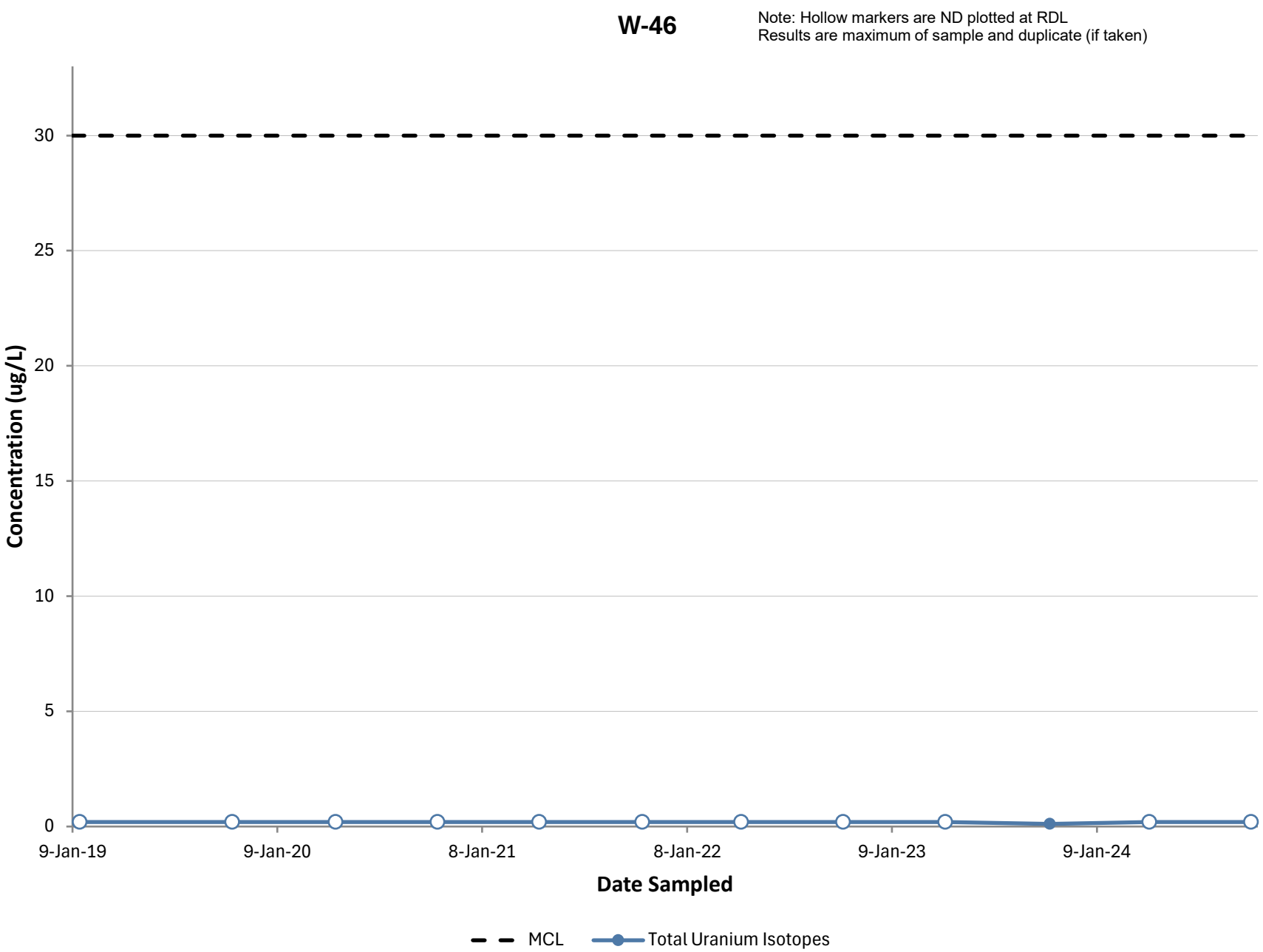
W-43

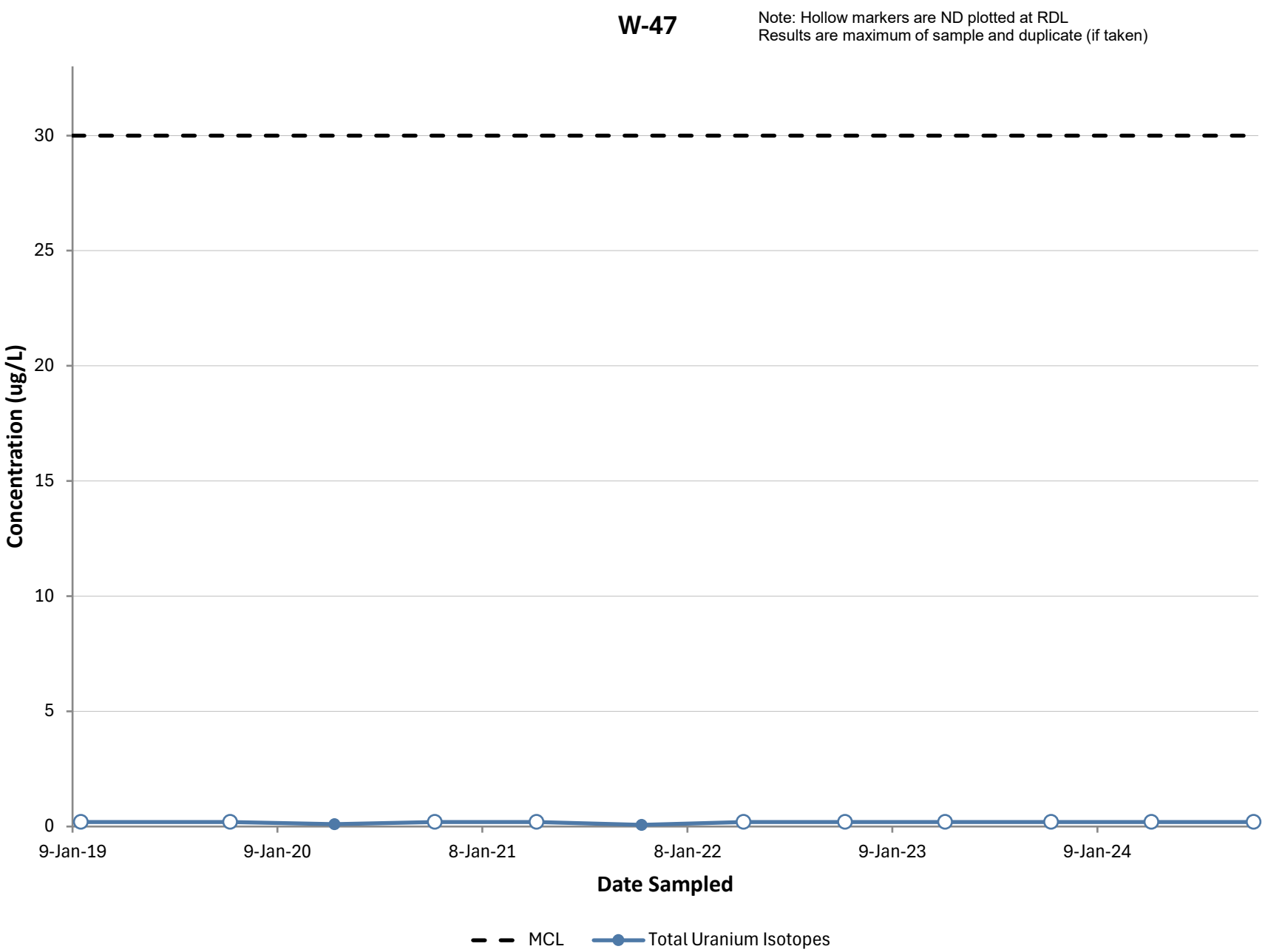
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-44
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

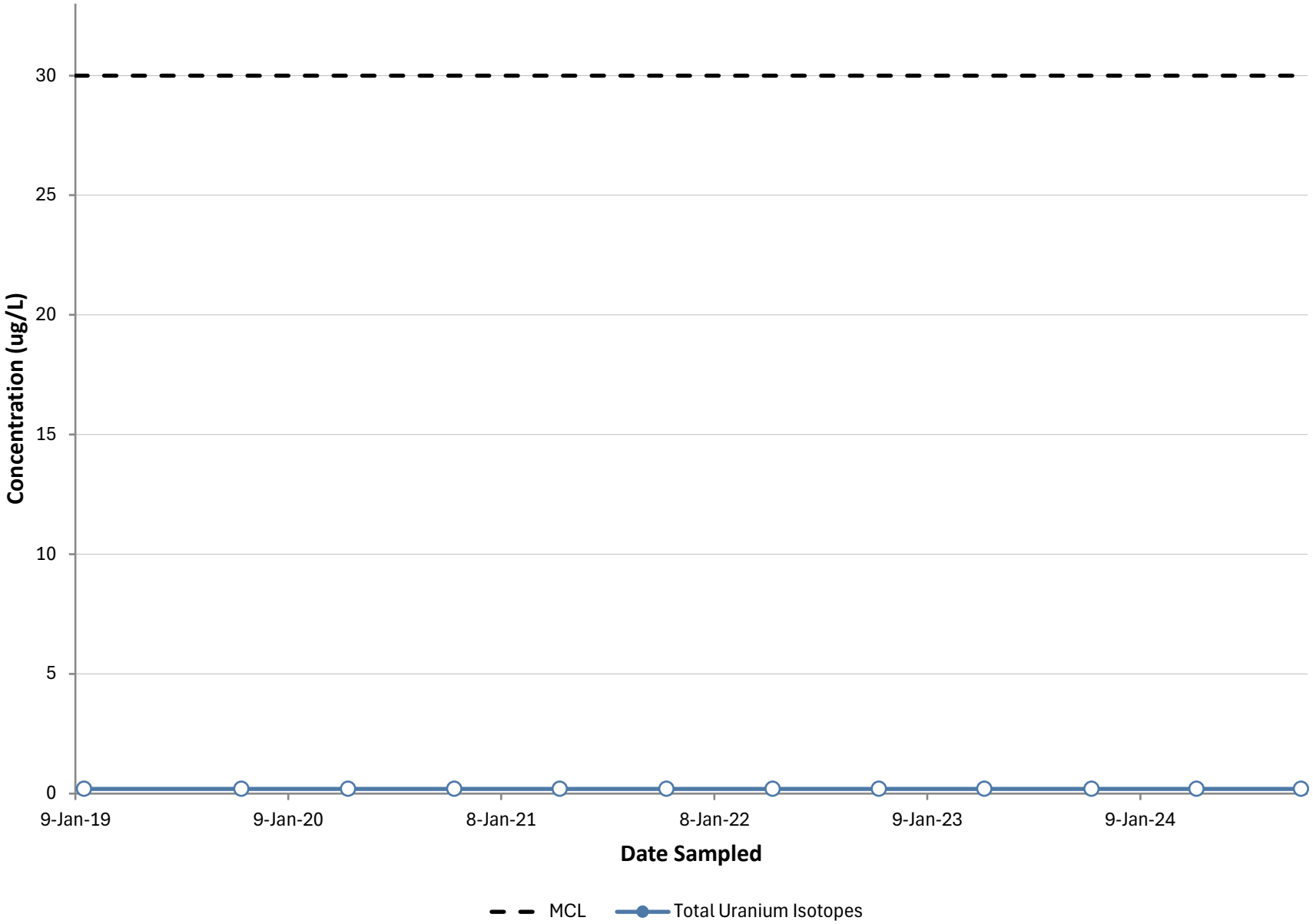

W-45
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

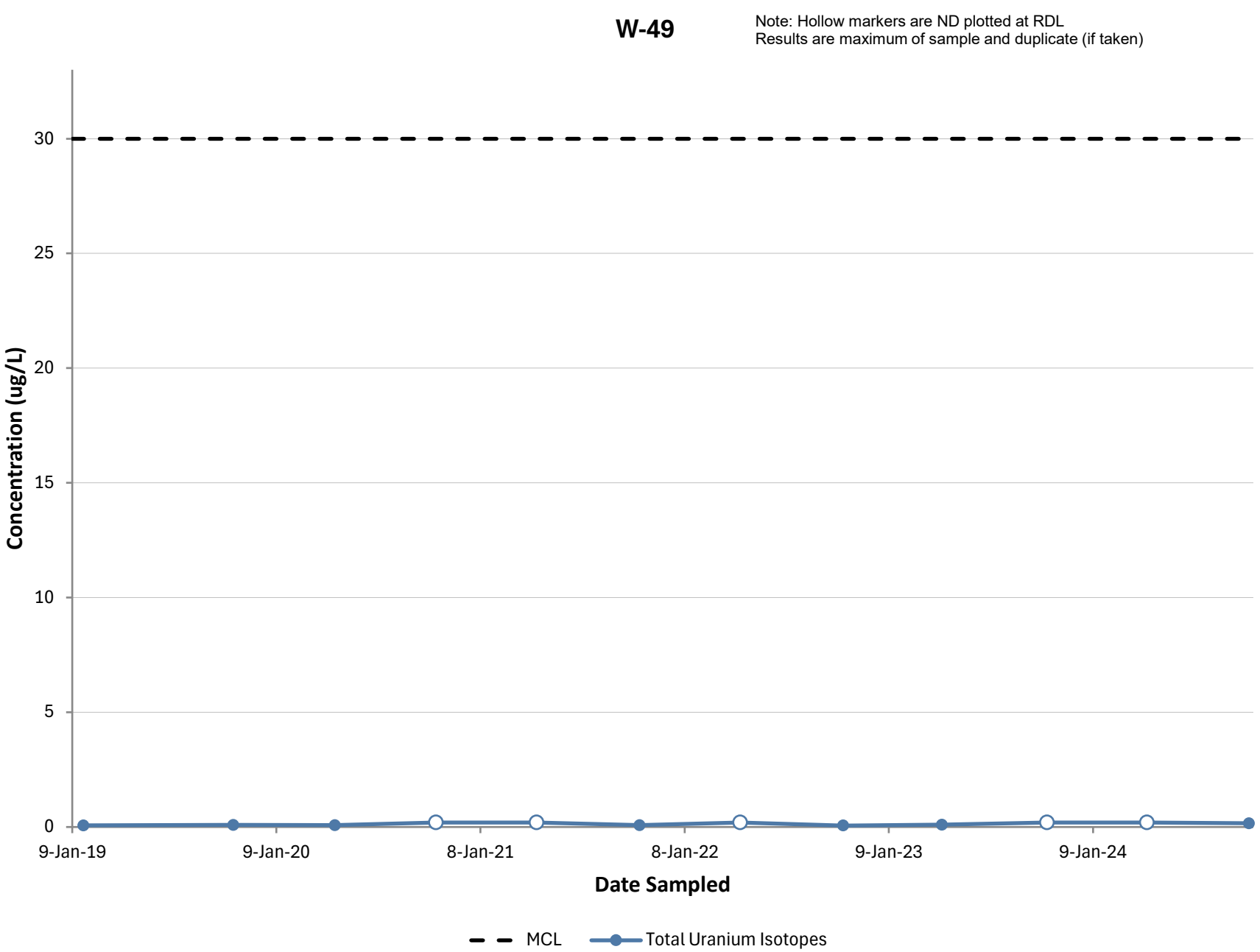

W-46
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

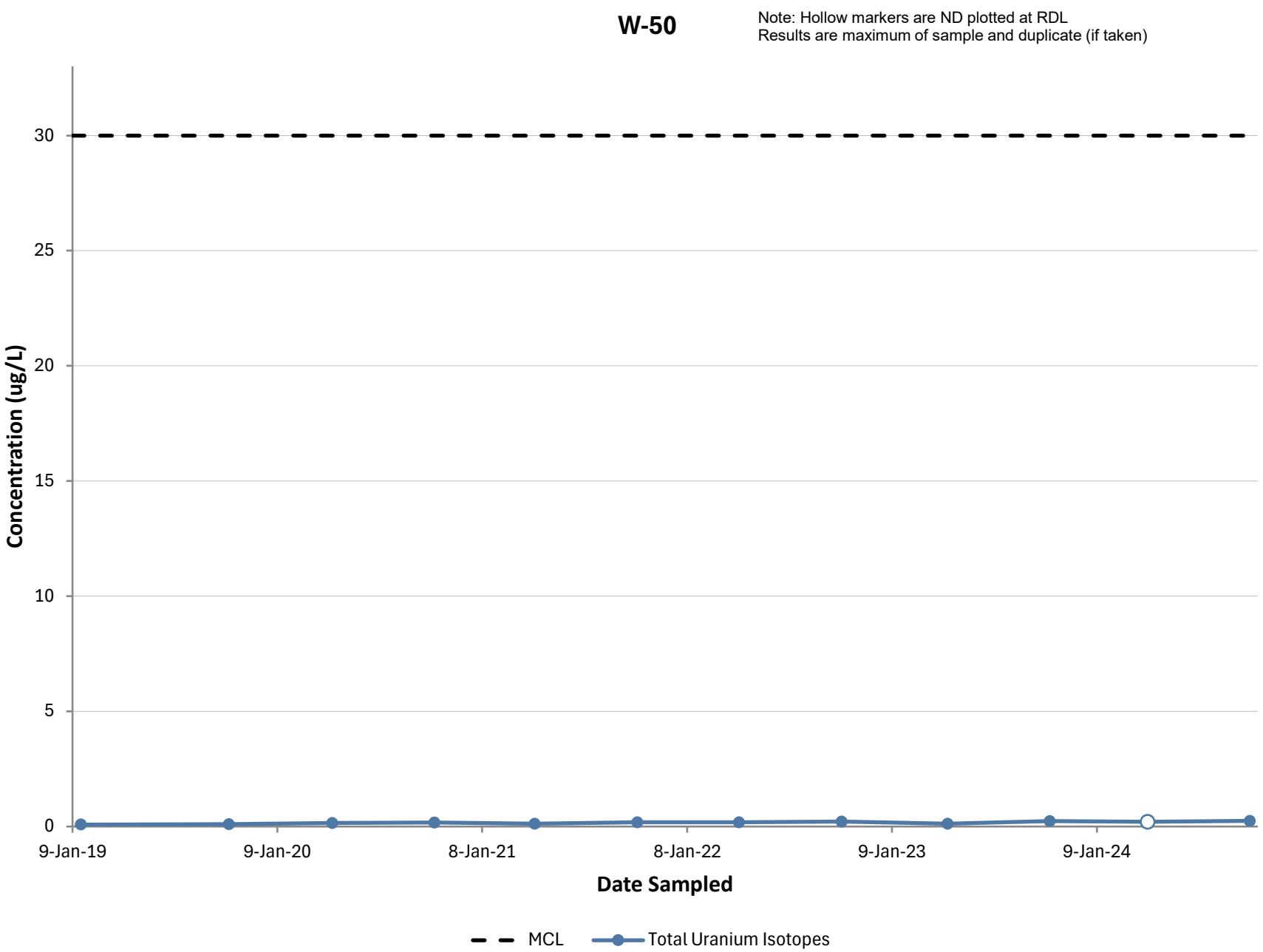

W-47
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

W-48

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

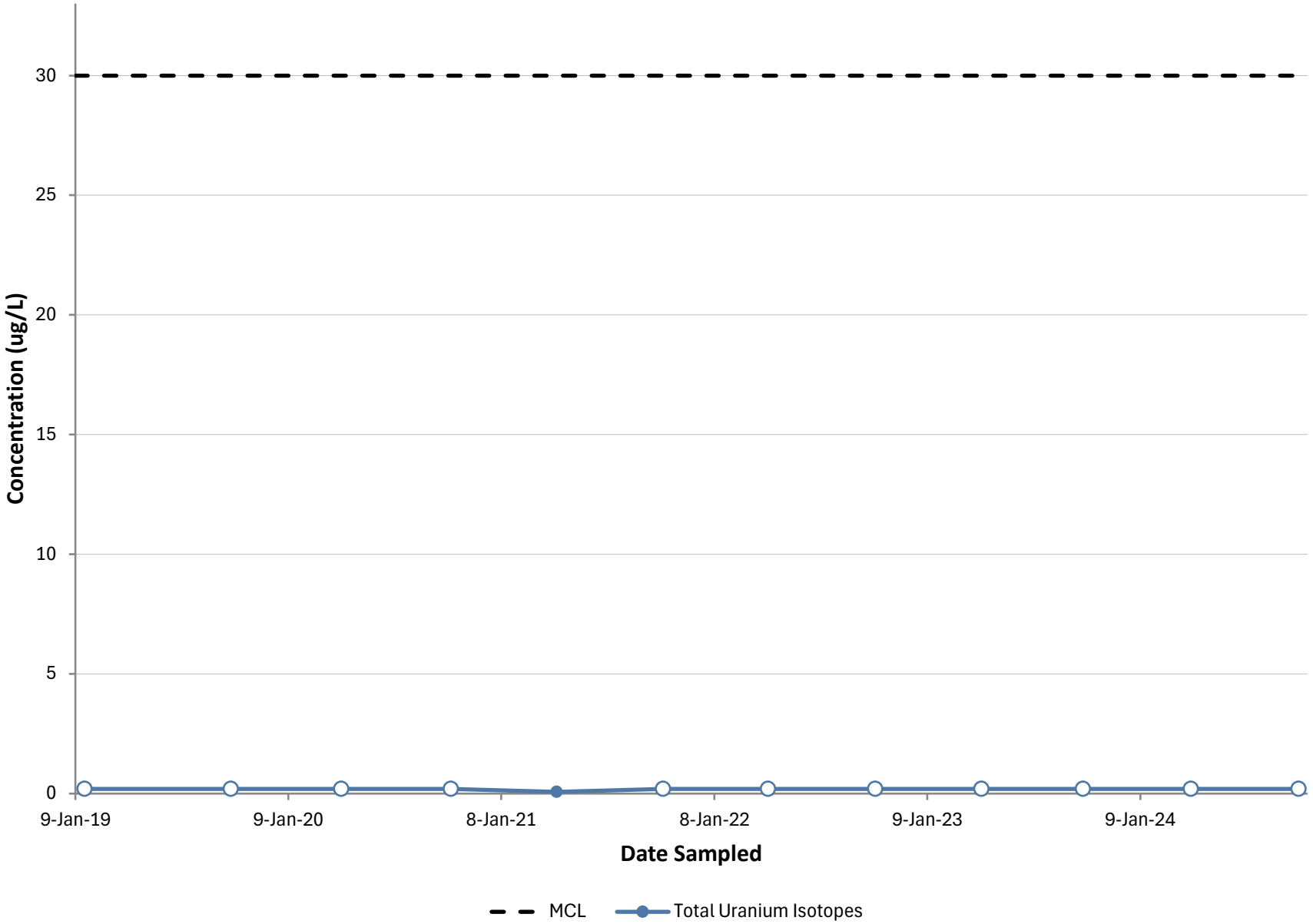


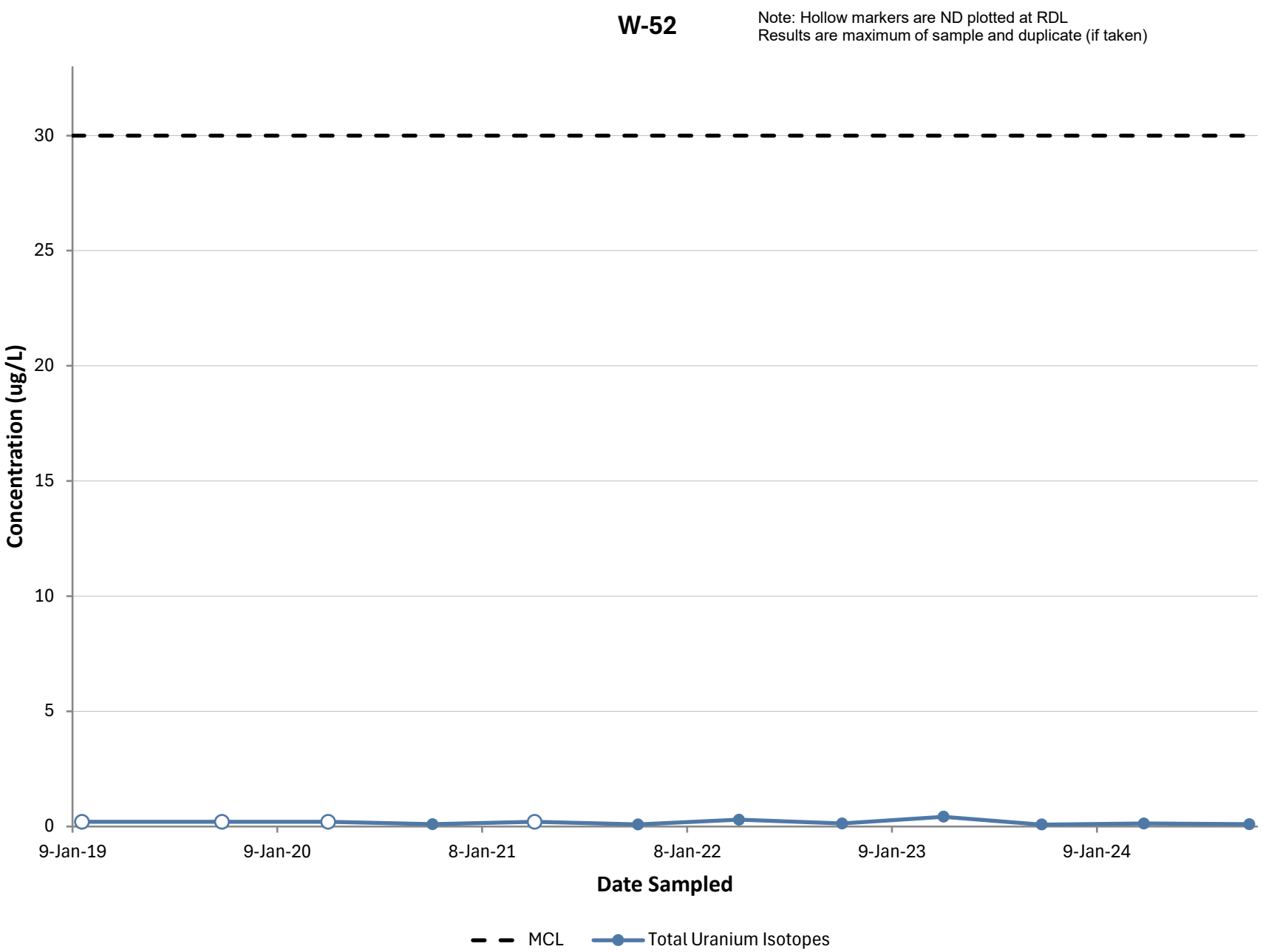

W-49
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

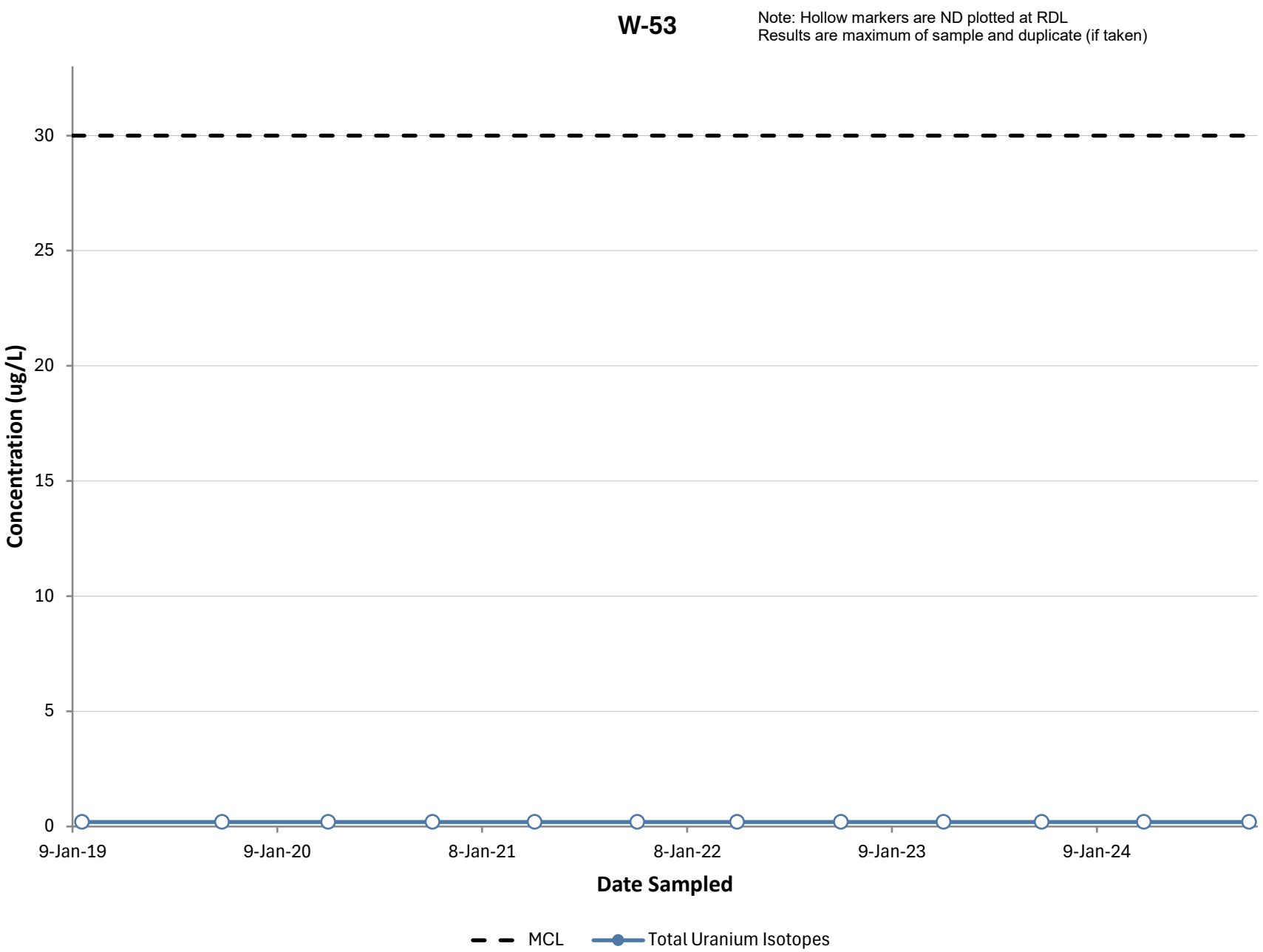

W-50
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

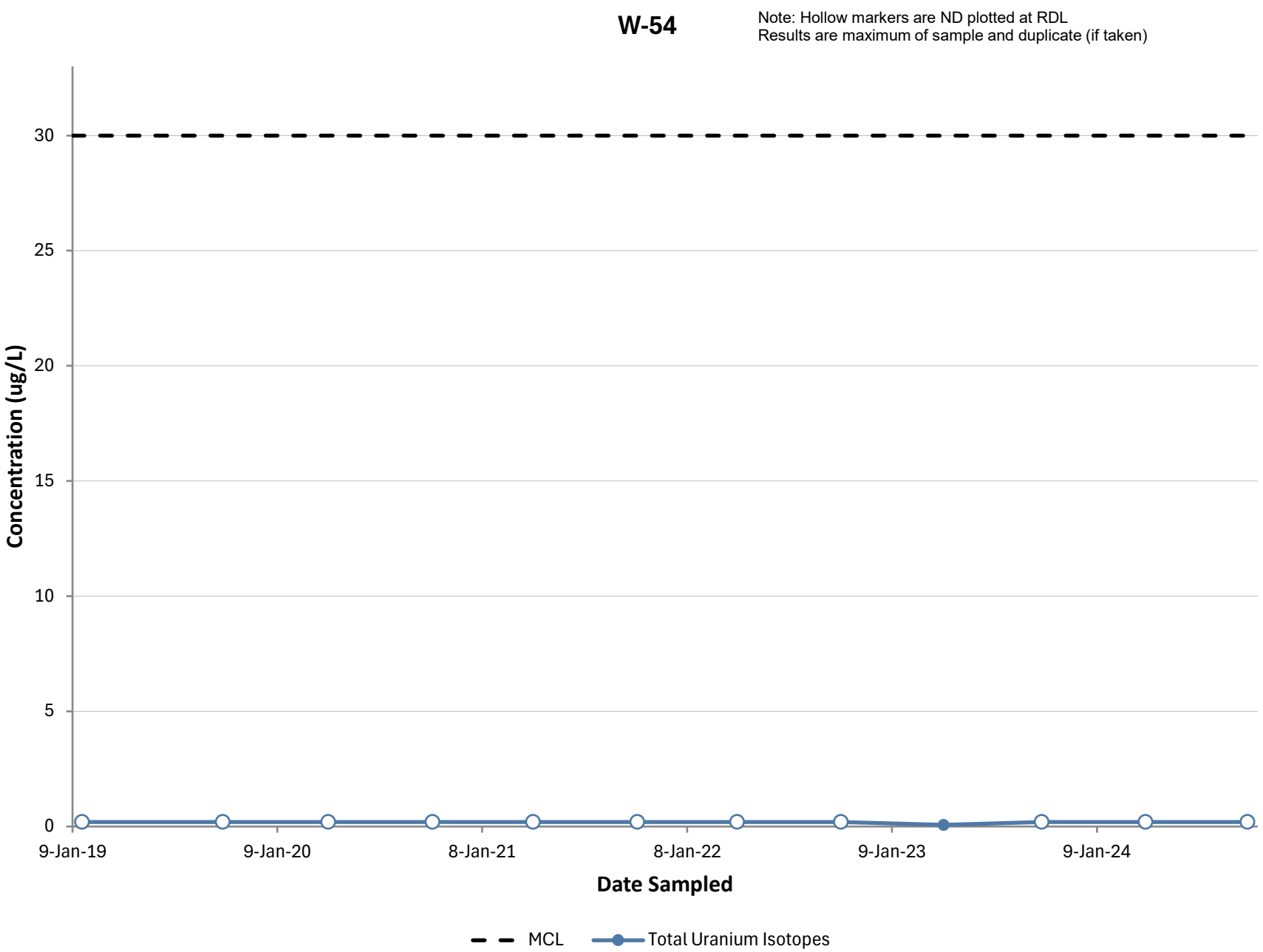
W-51

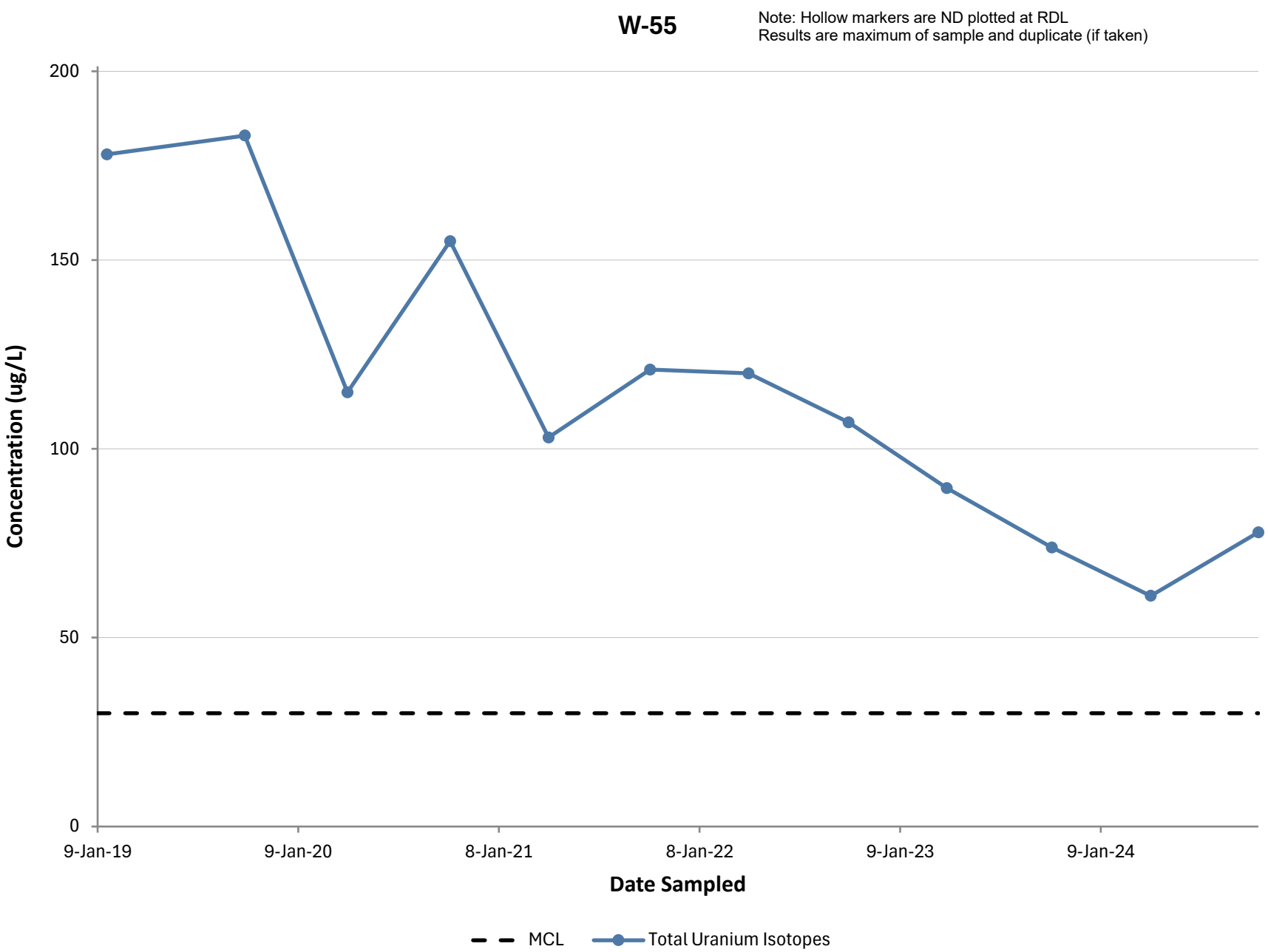
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

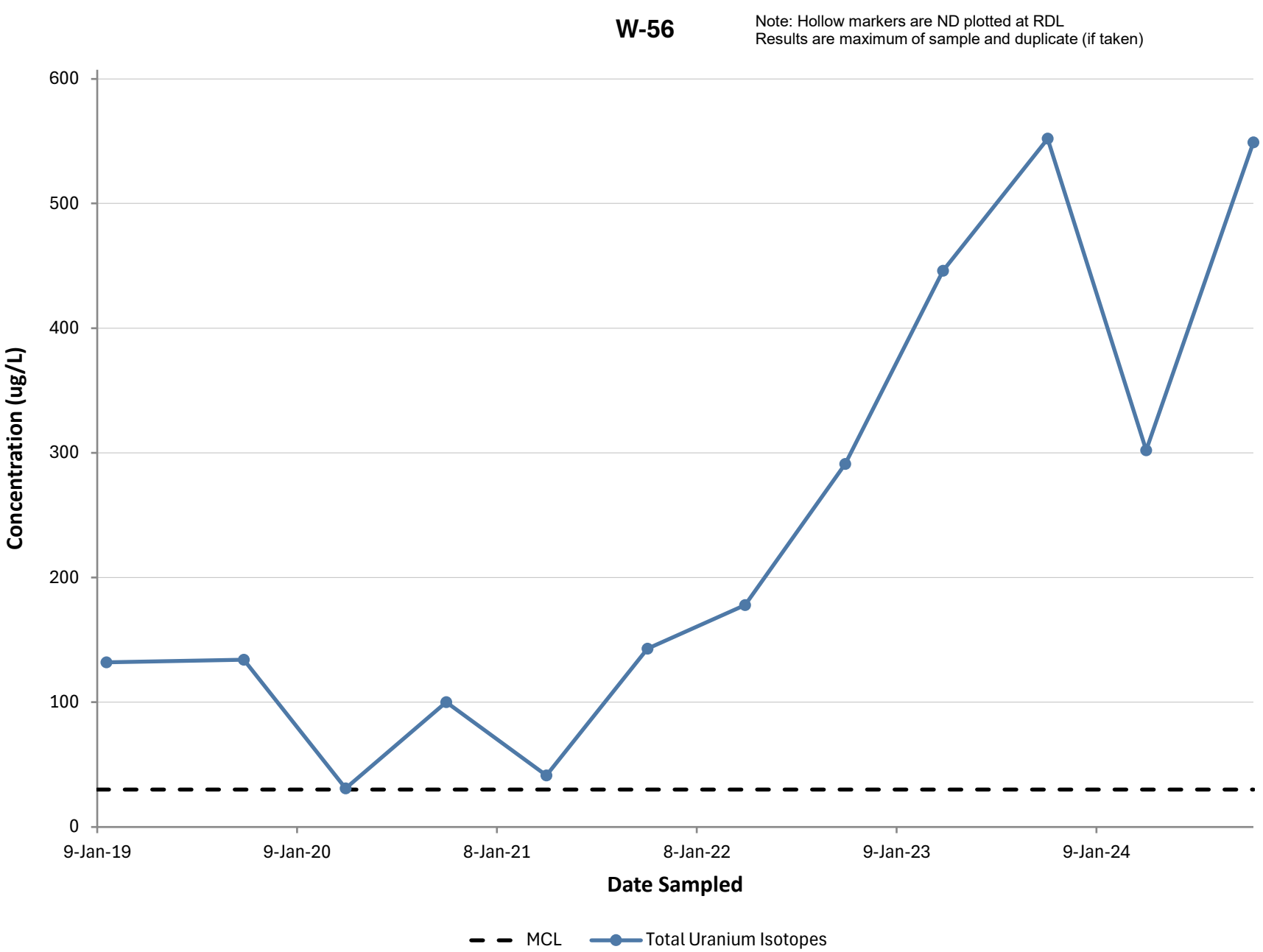


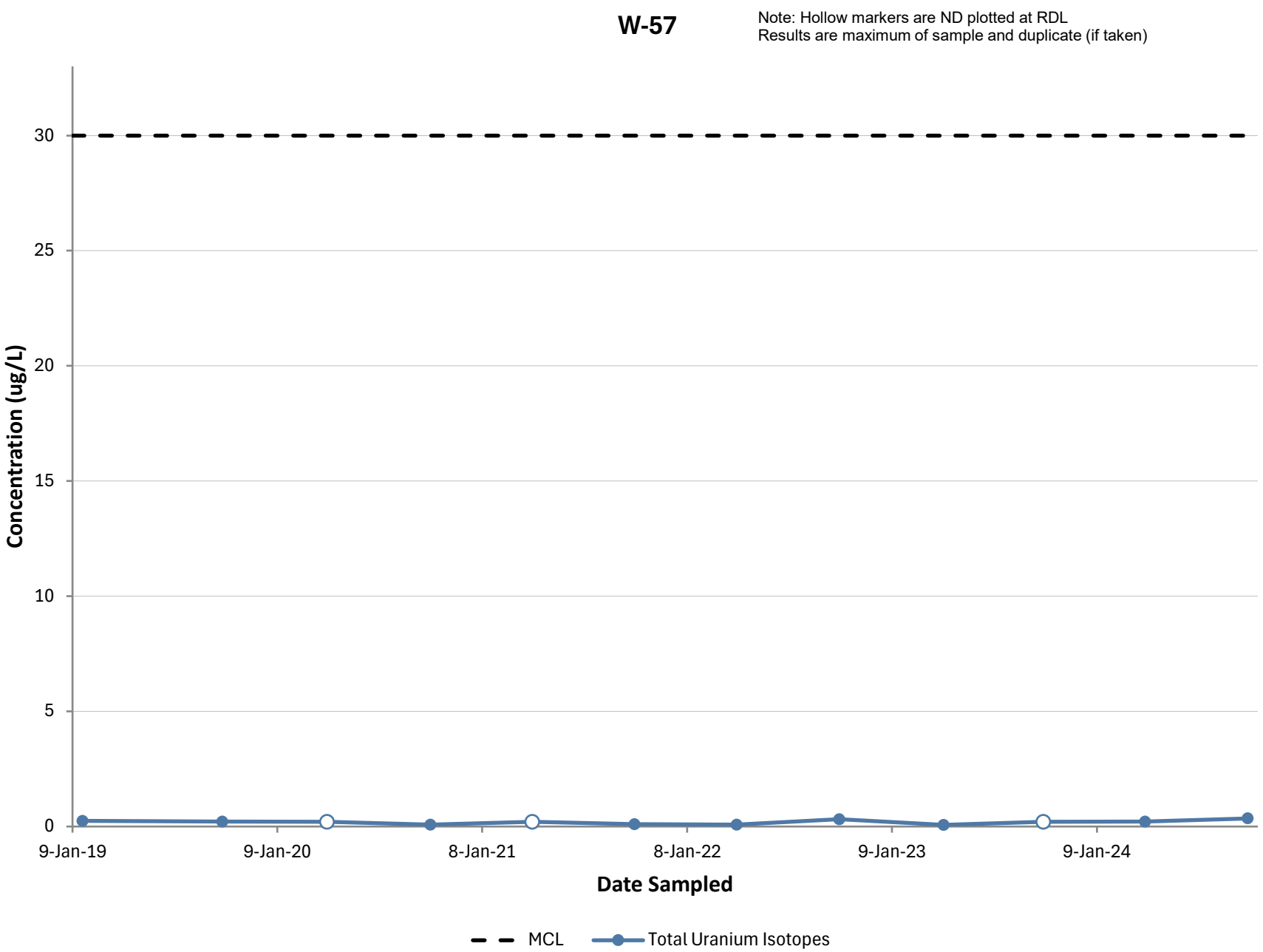

W-52
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-53
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-54
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

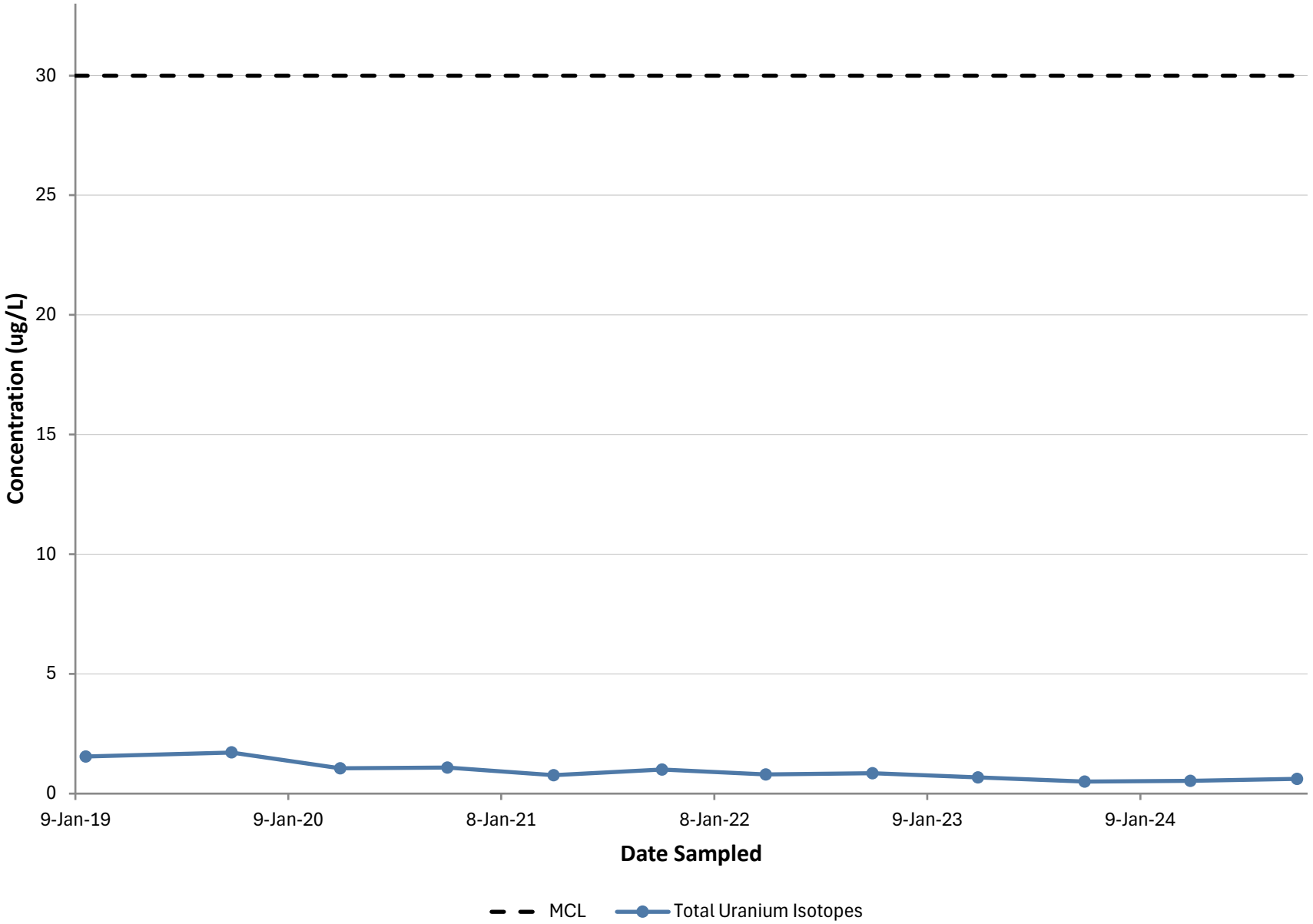

W-55
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
200
150
100
50
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

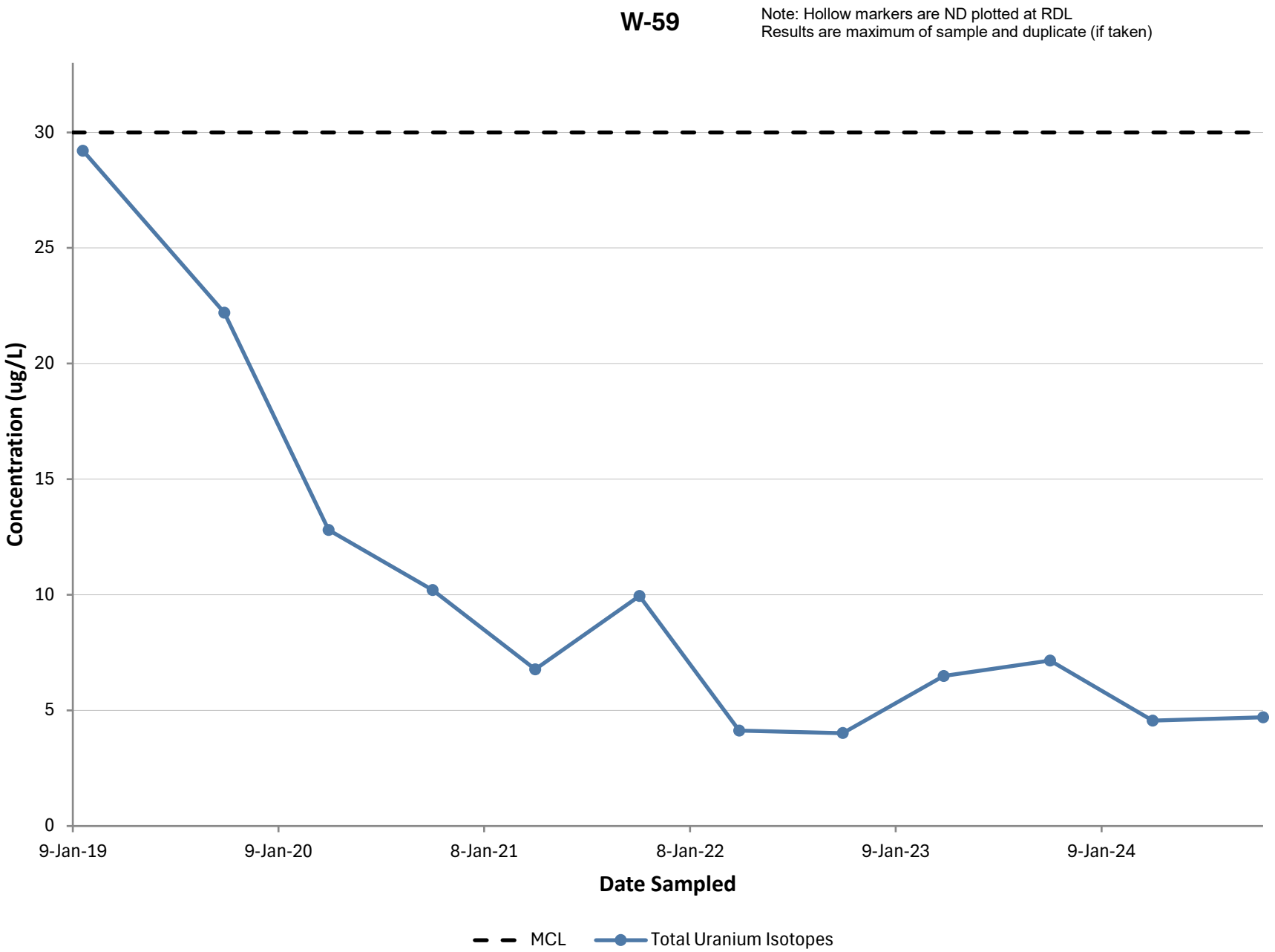

W-56
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
600
500
400
300
200
100
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

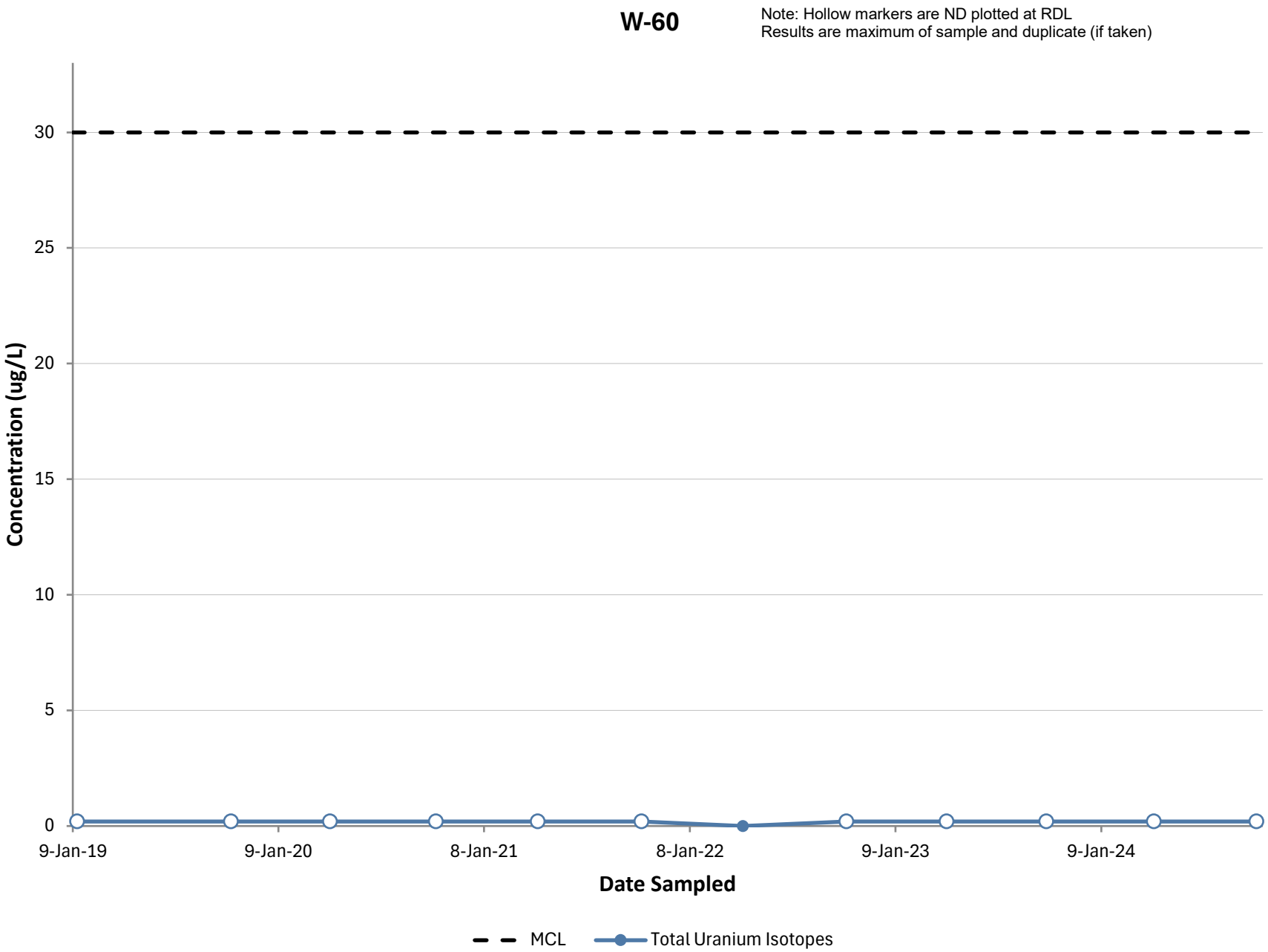

W-57
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

W-58

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

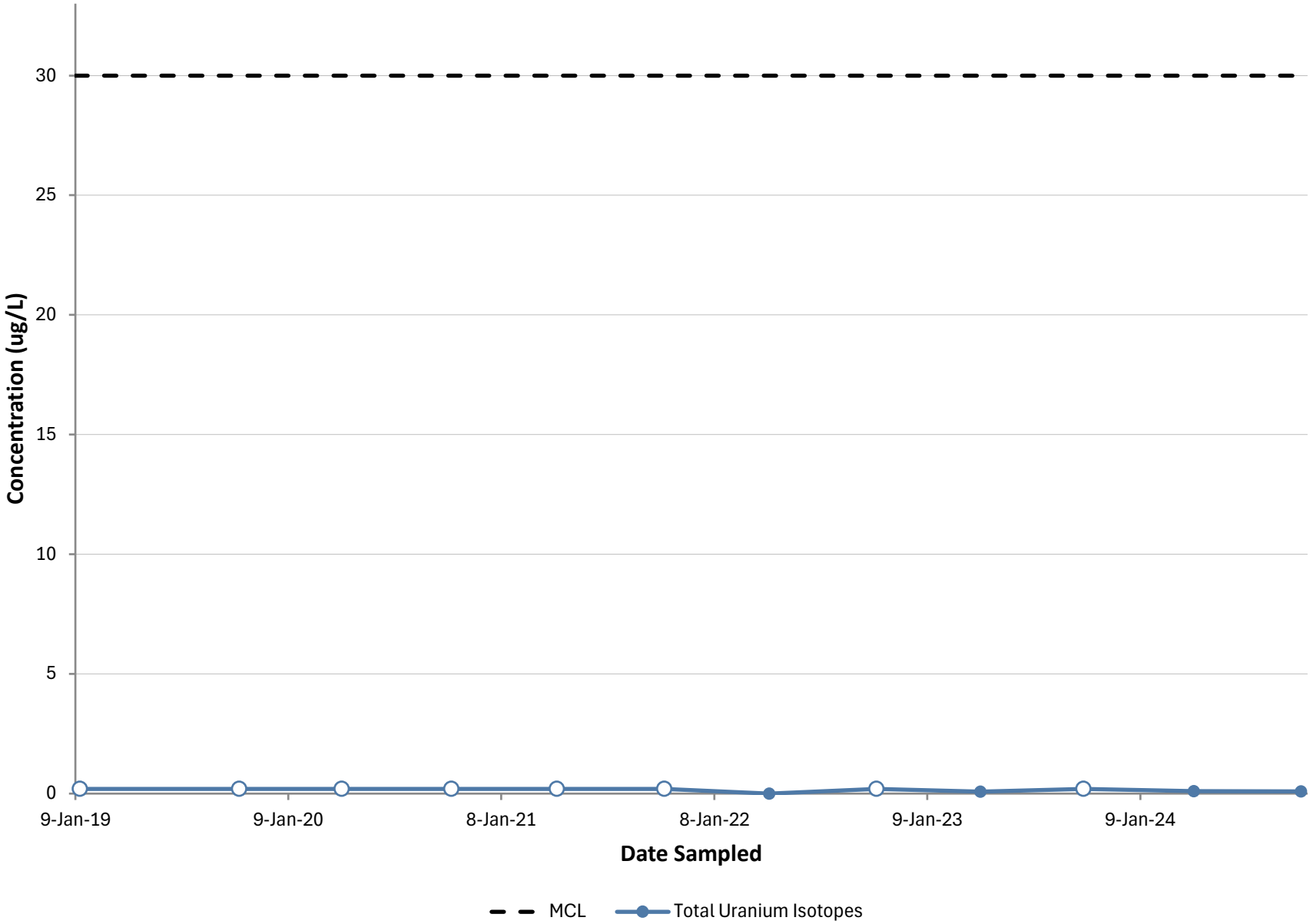


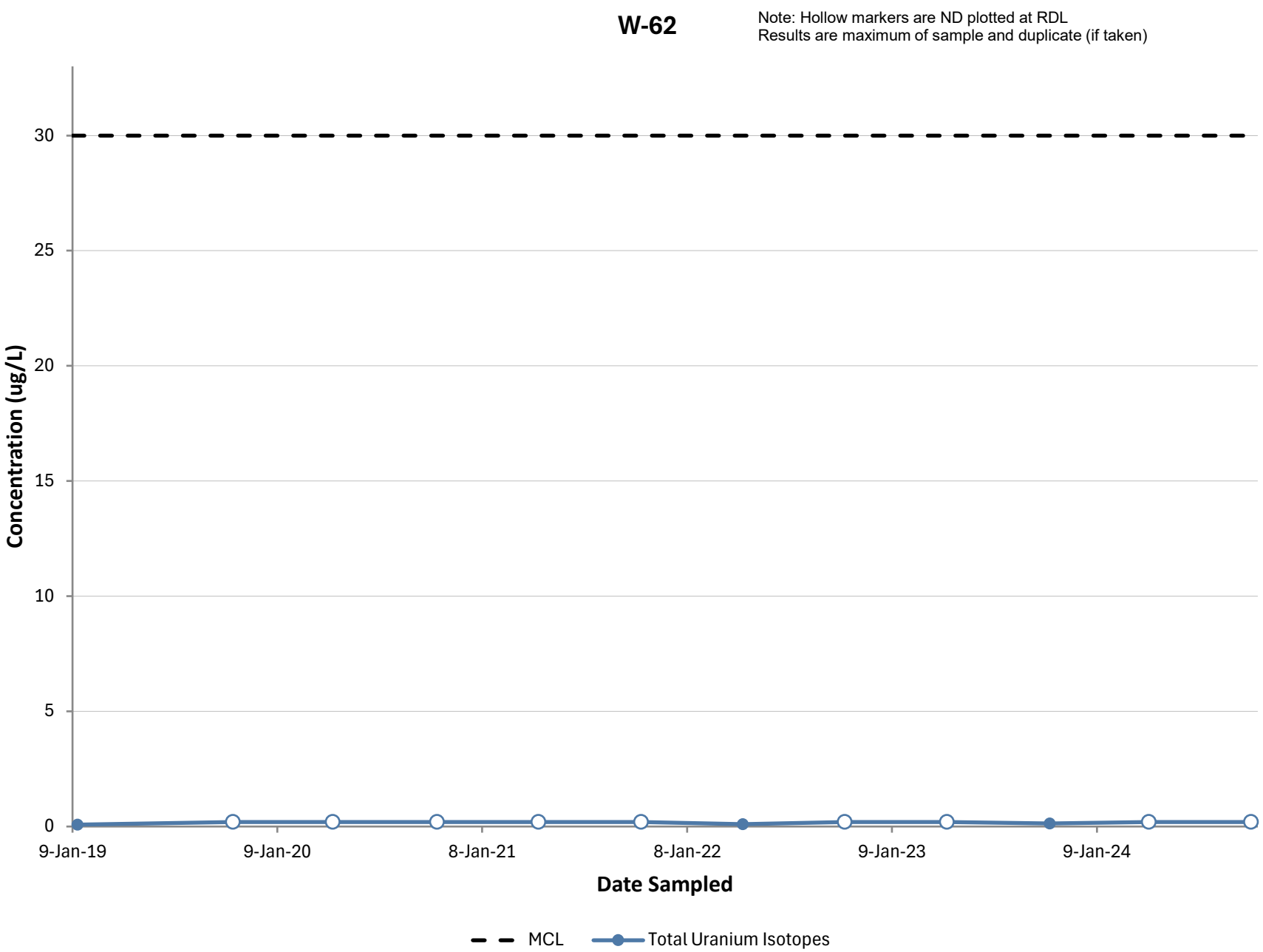

W-59
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

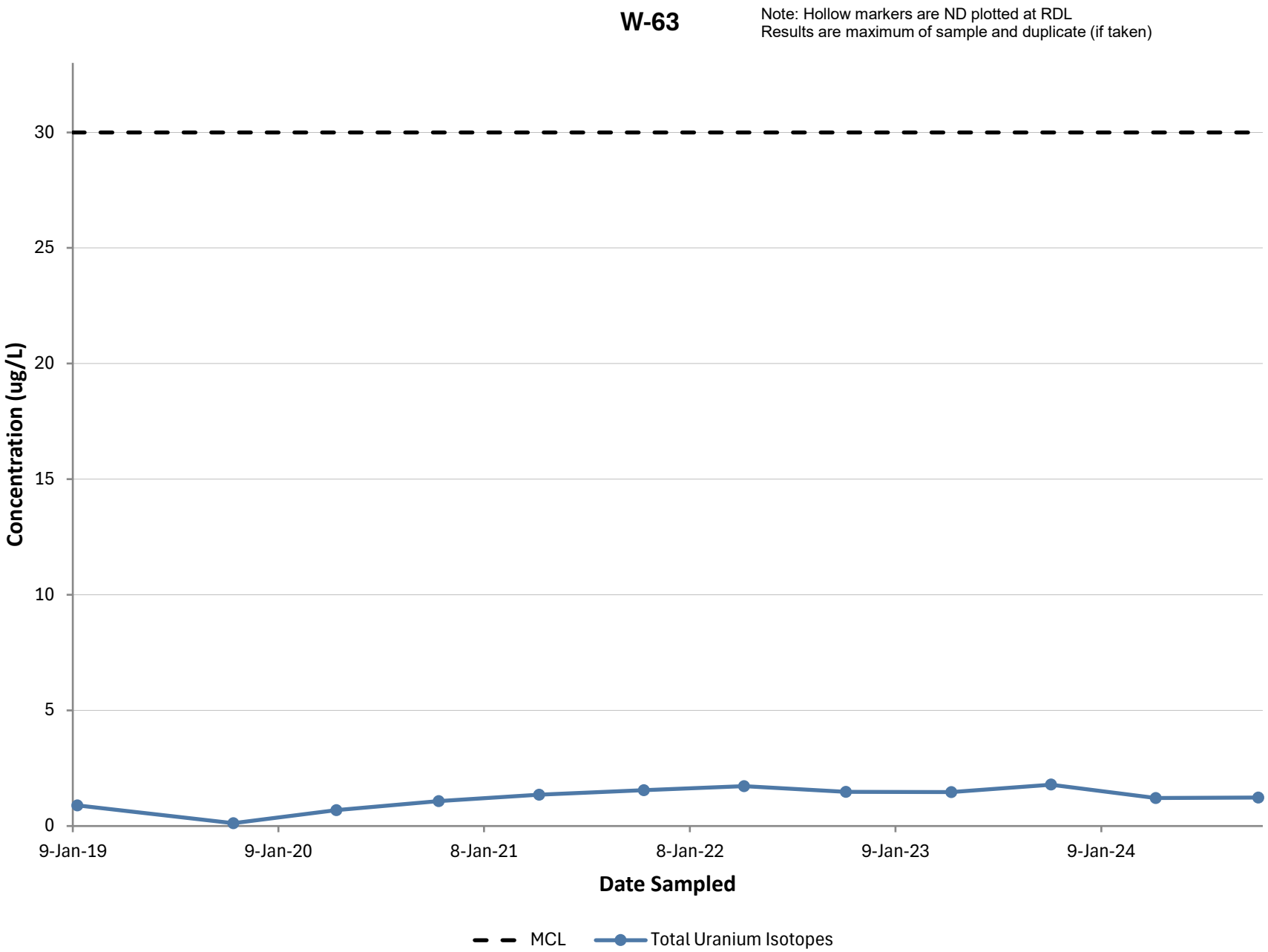

W-60
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

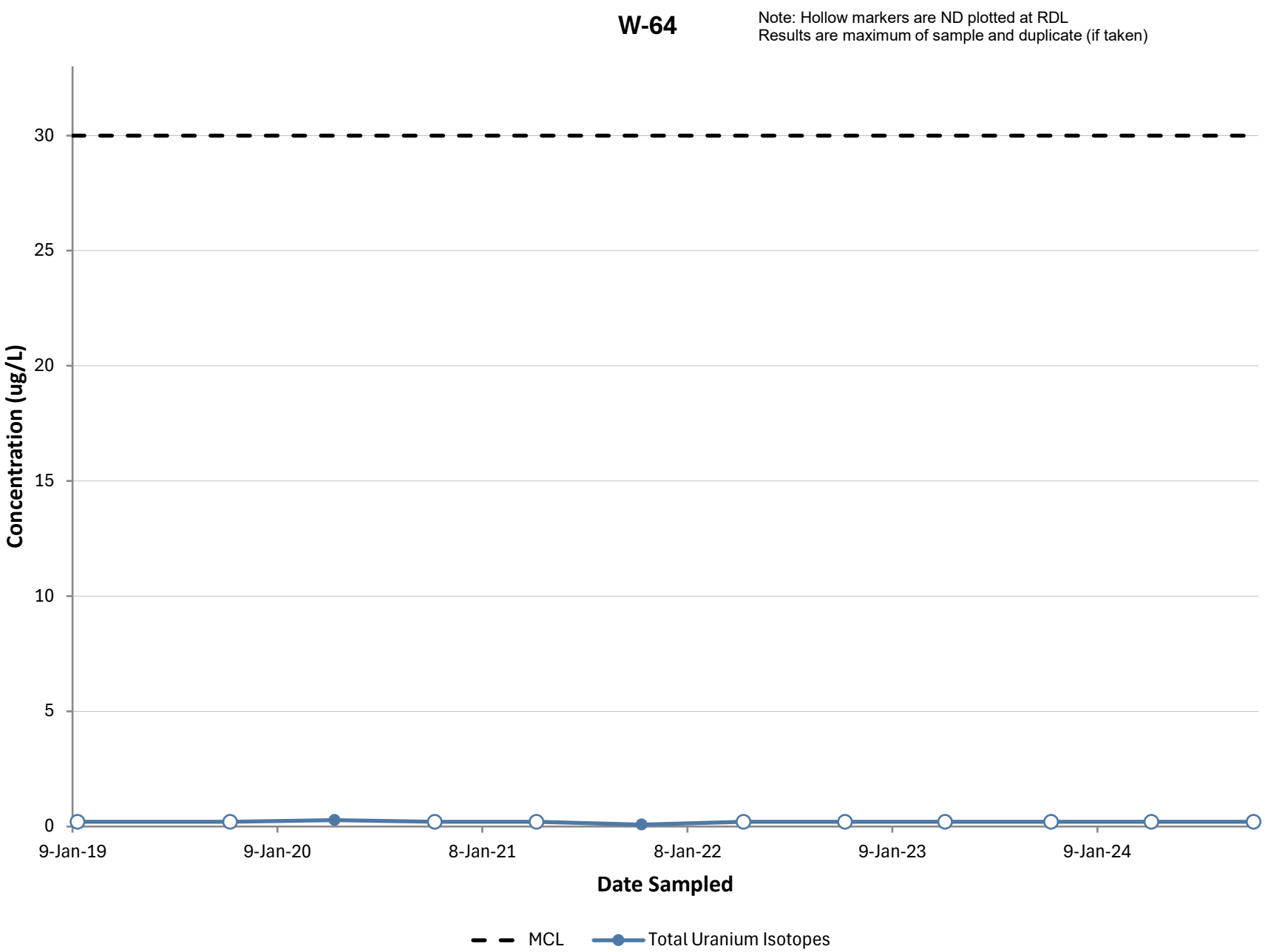
W-61

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



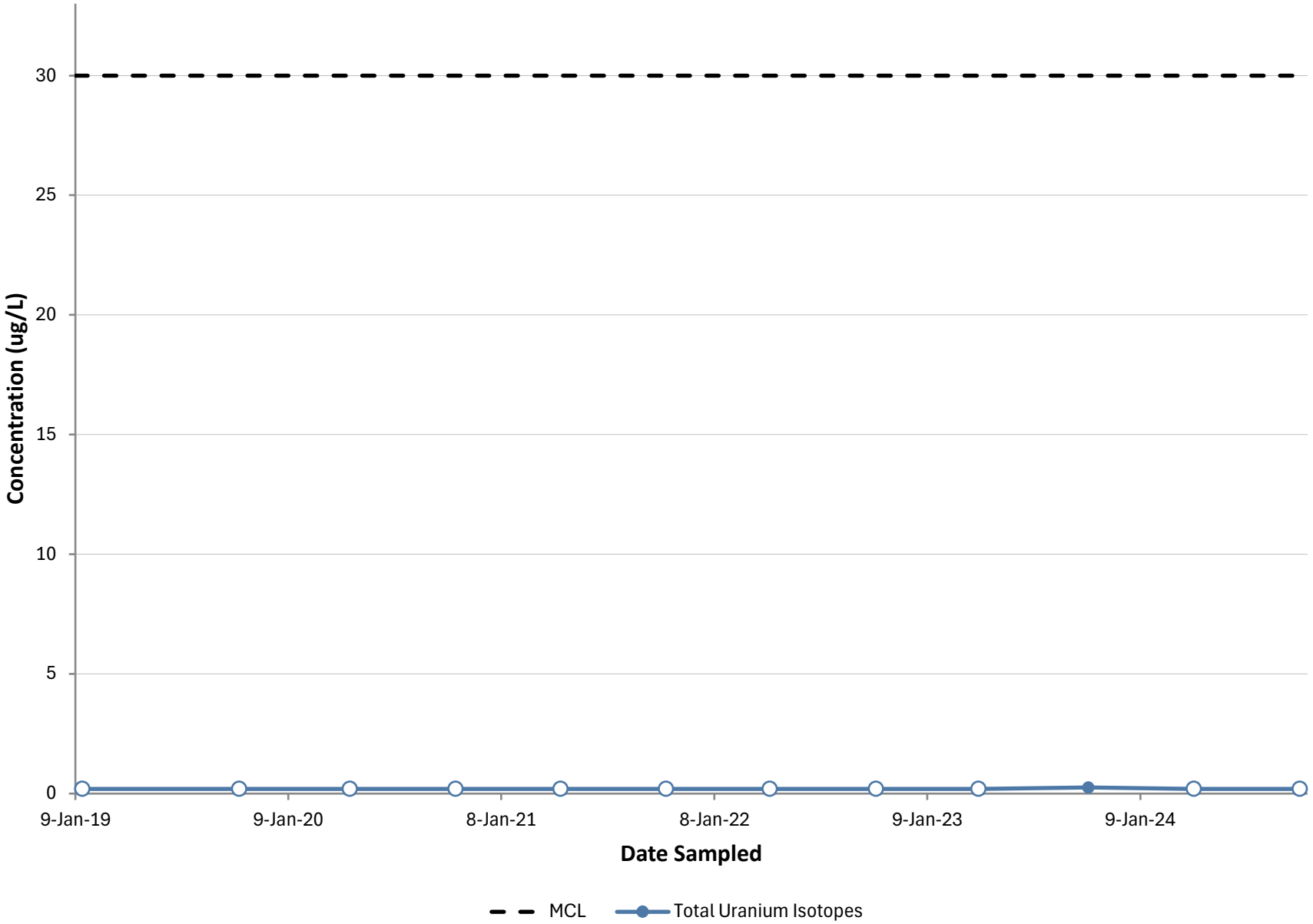

W-62
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

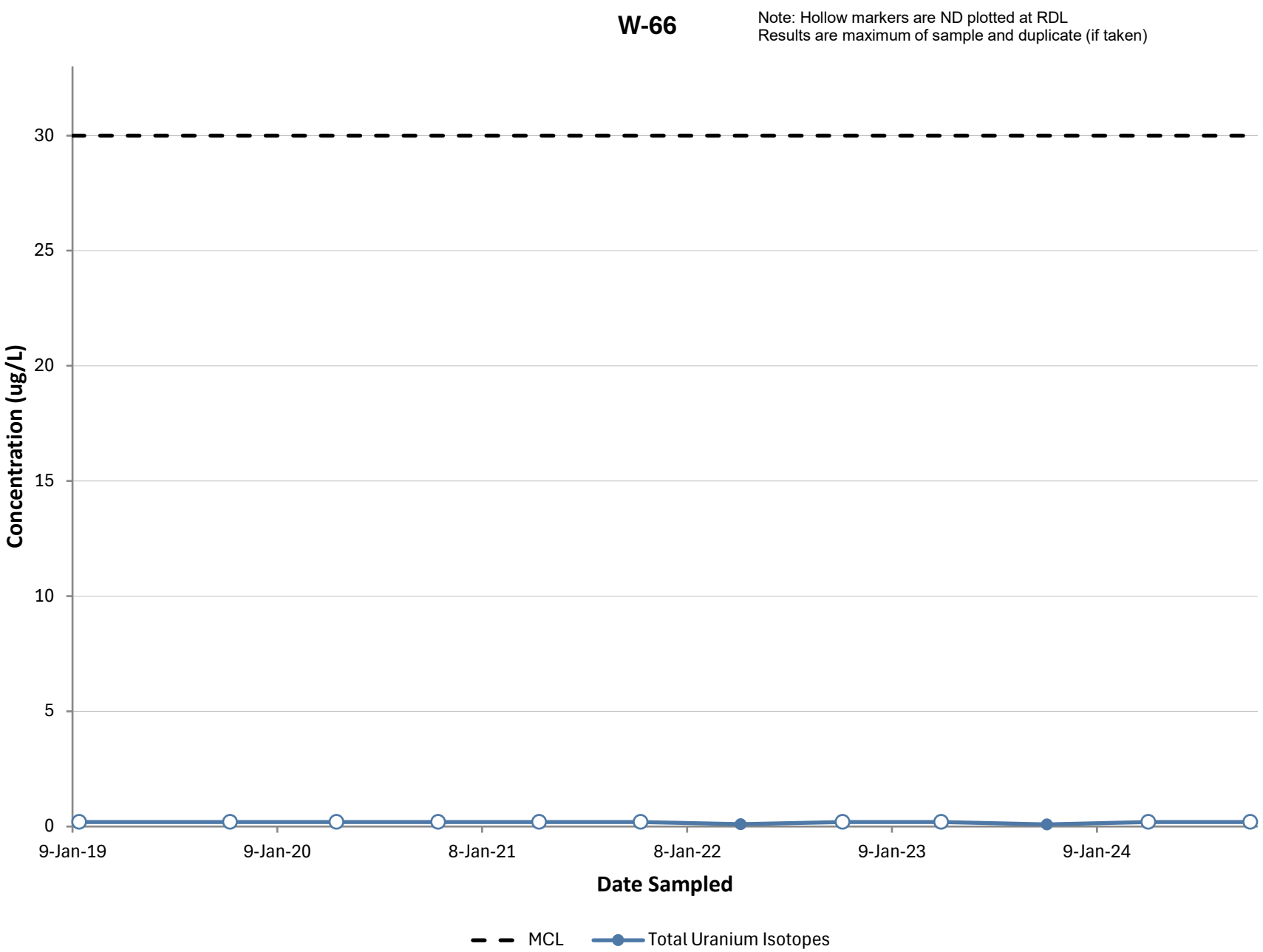

W-63
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

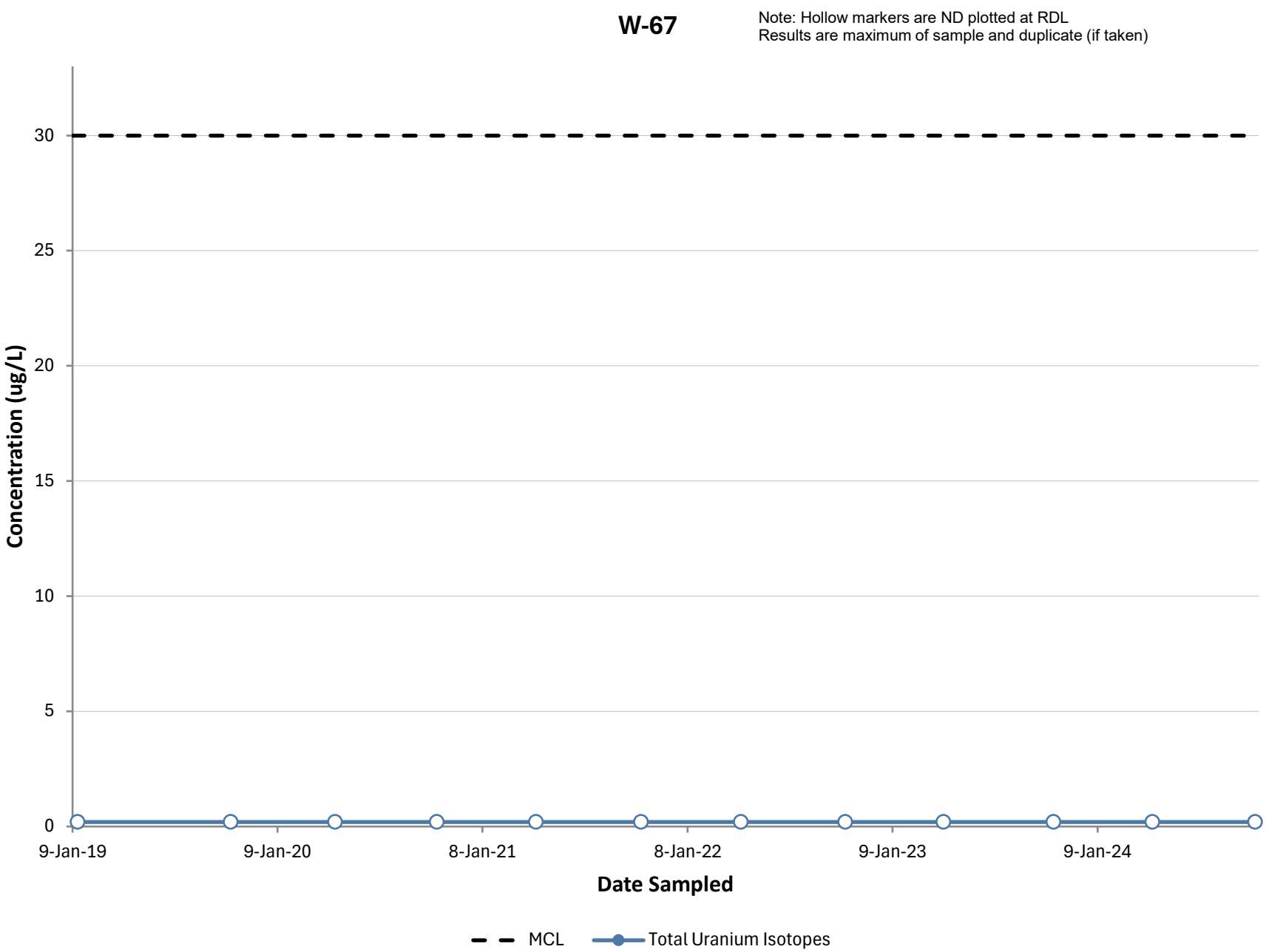

W-64
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

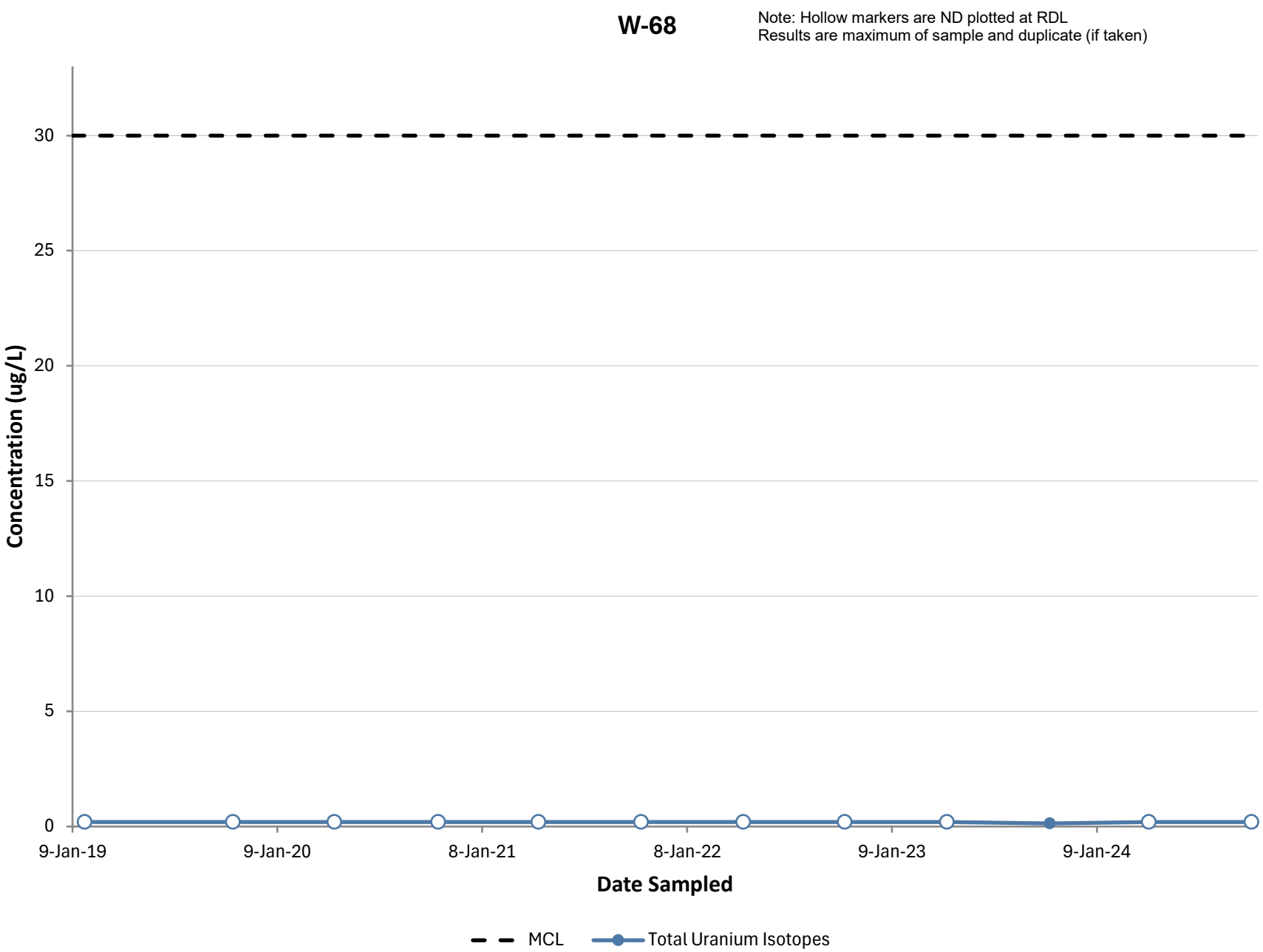
W-65

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



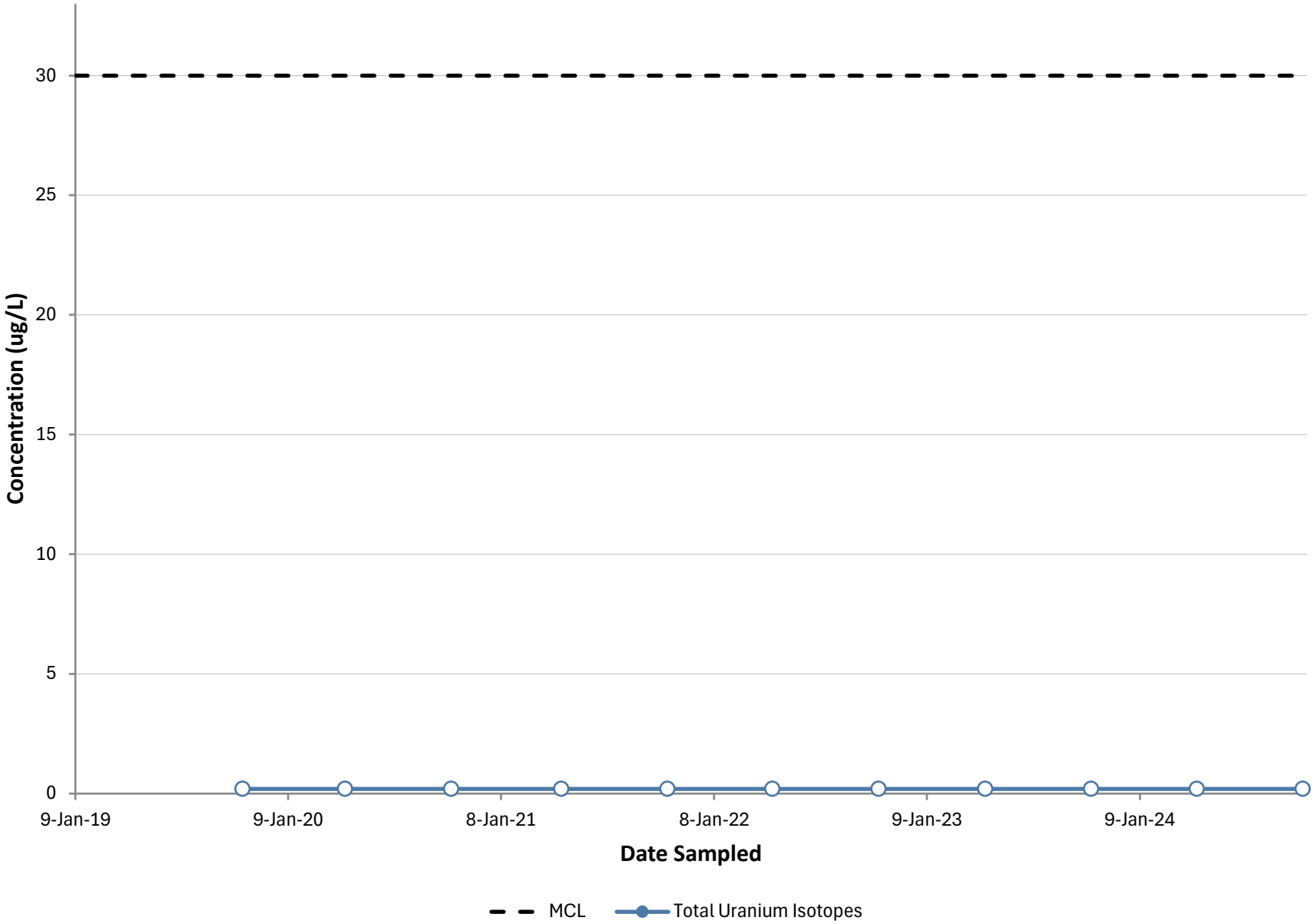

W-66
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-67
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-68
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

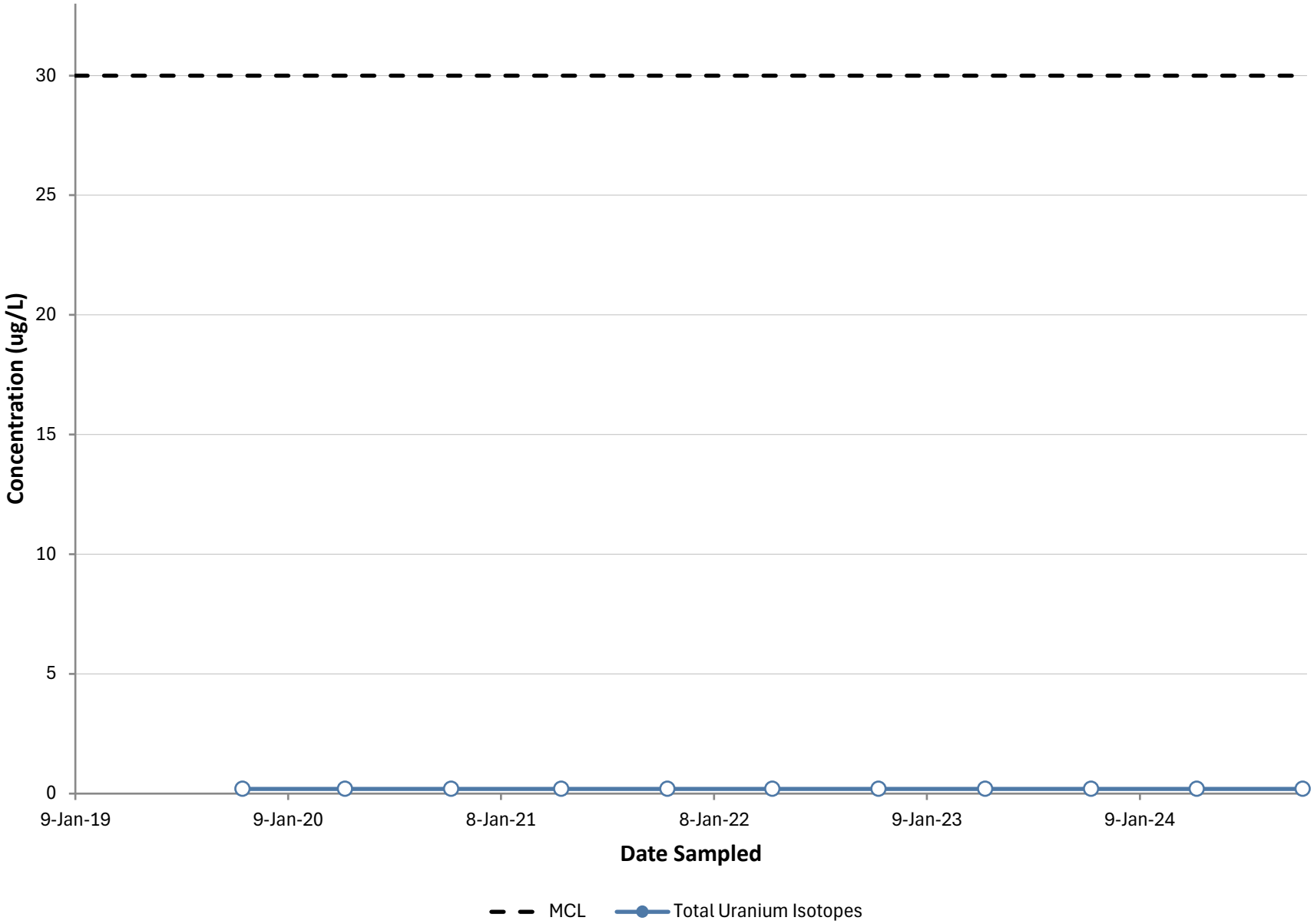
W-69

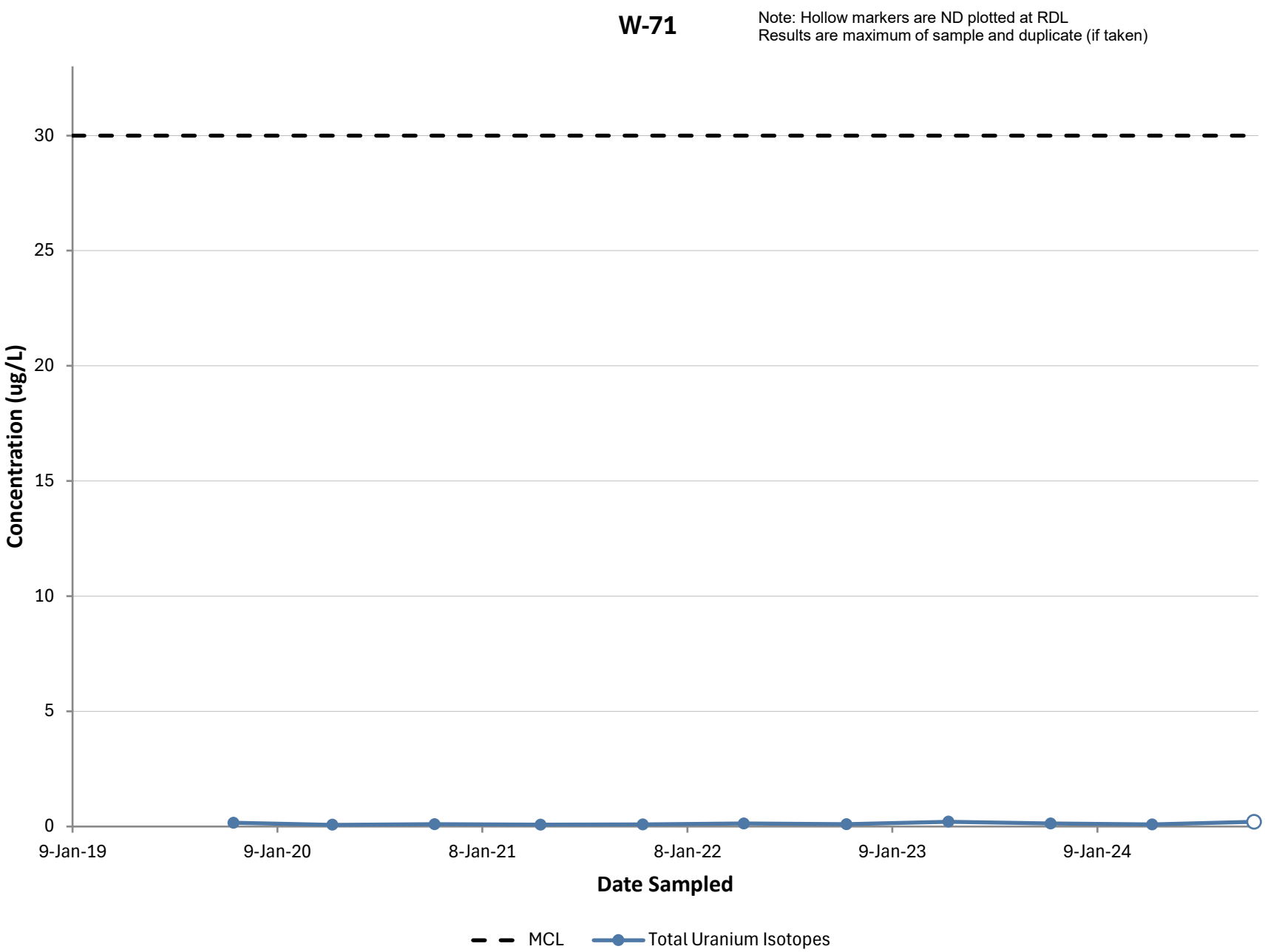
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-70

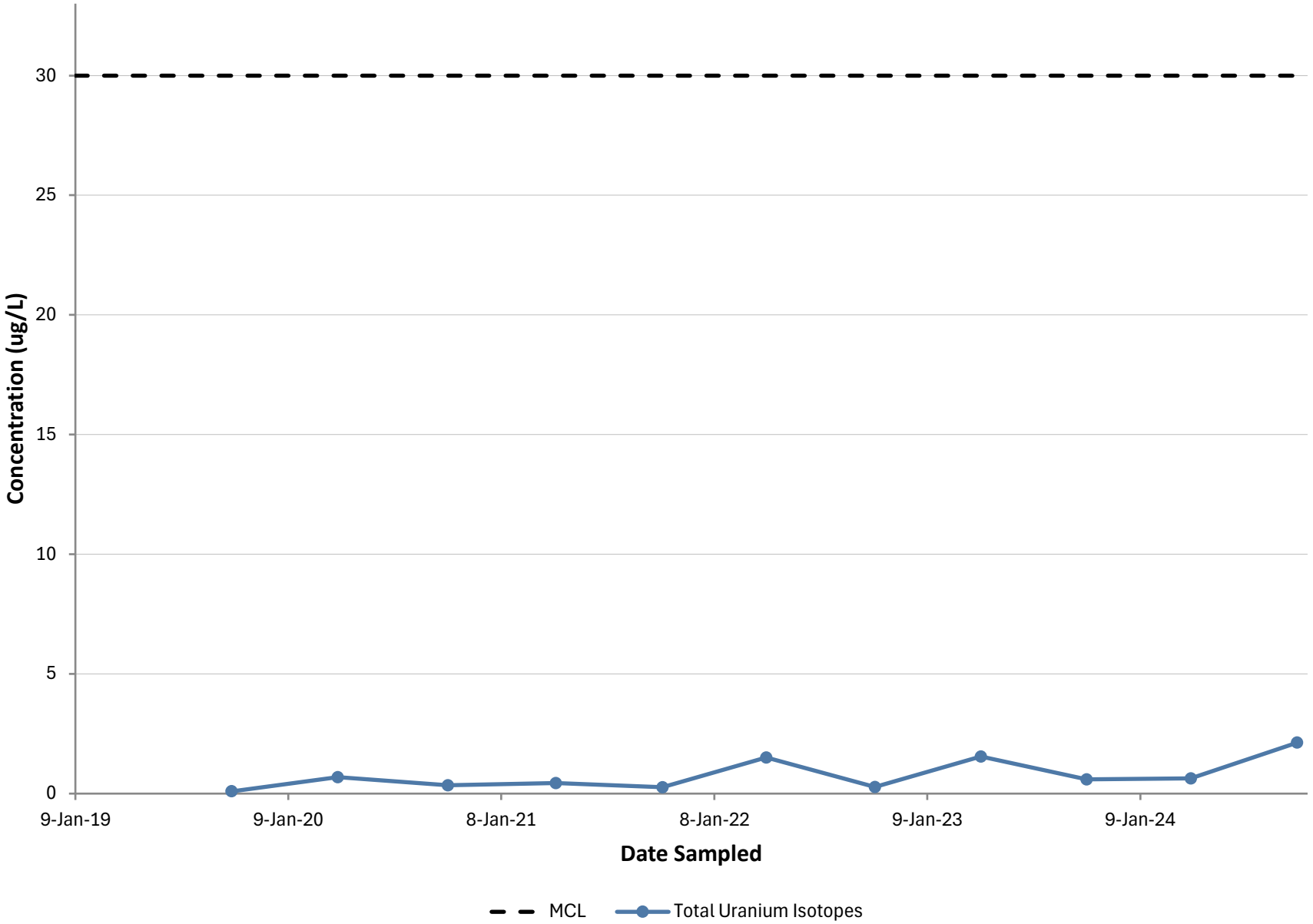
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

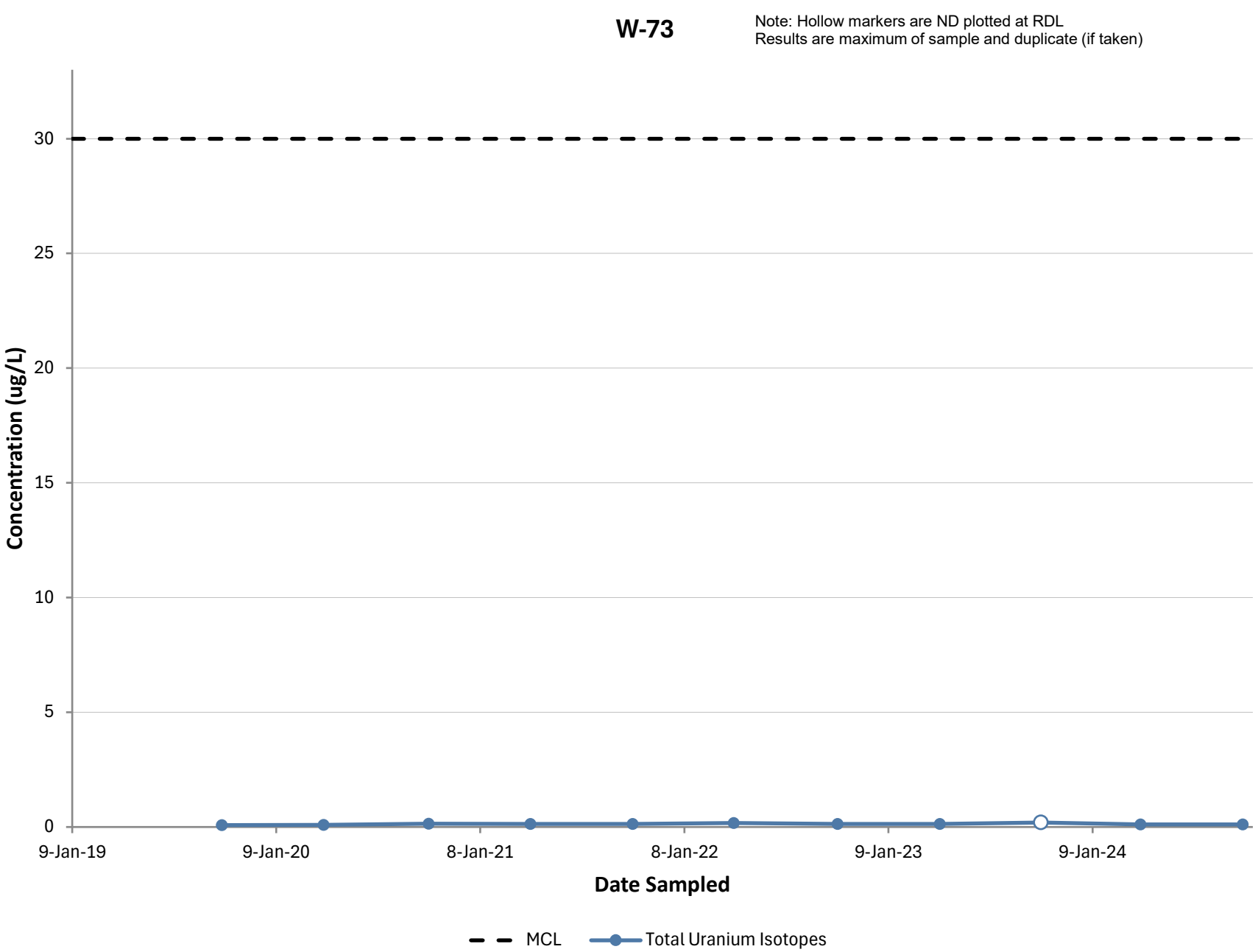


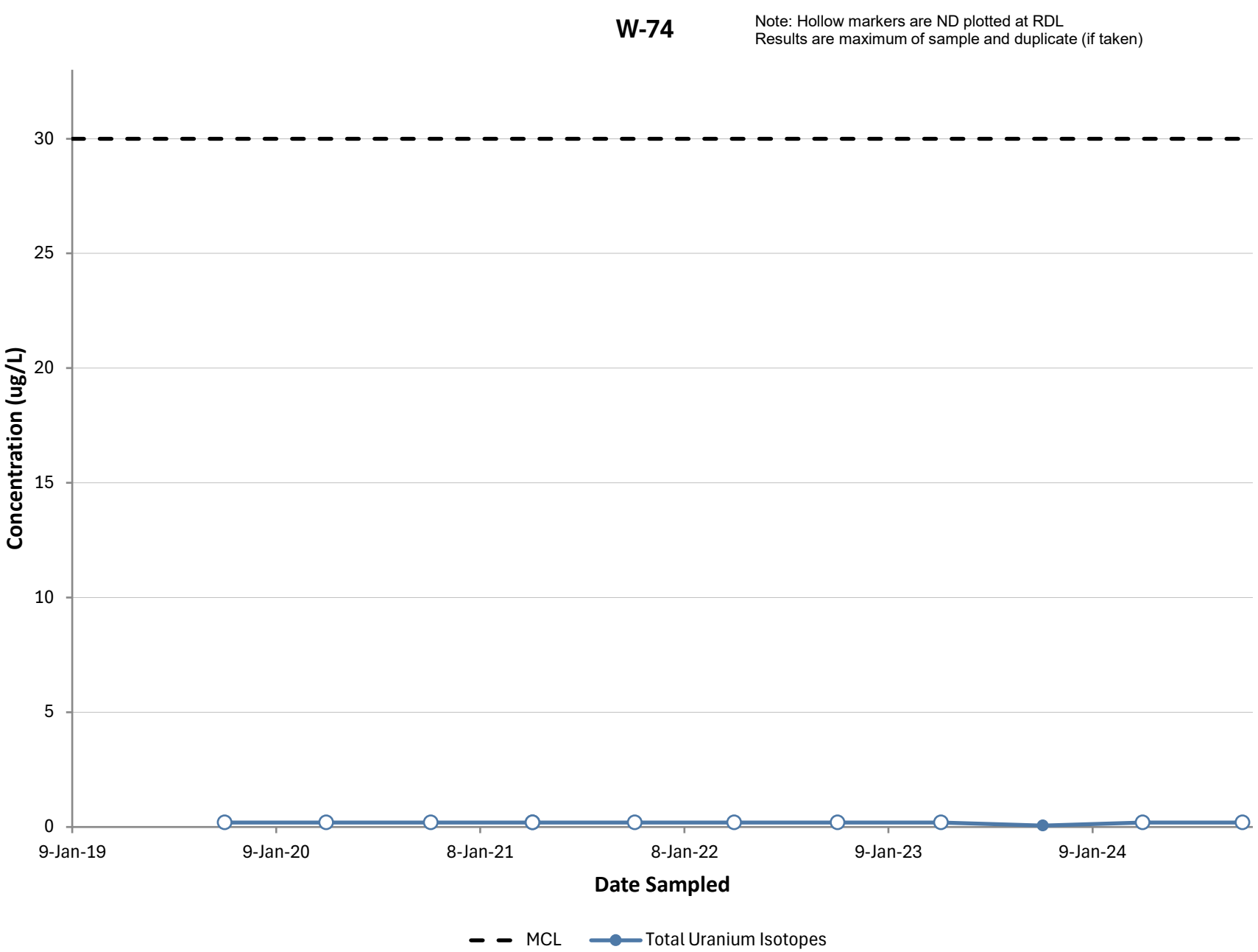

W-71
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

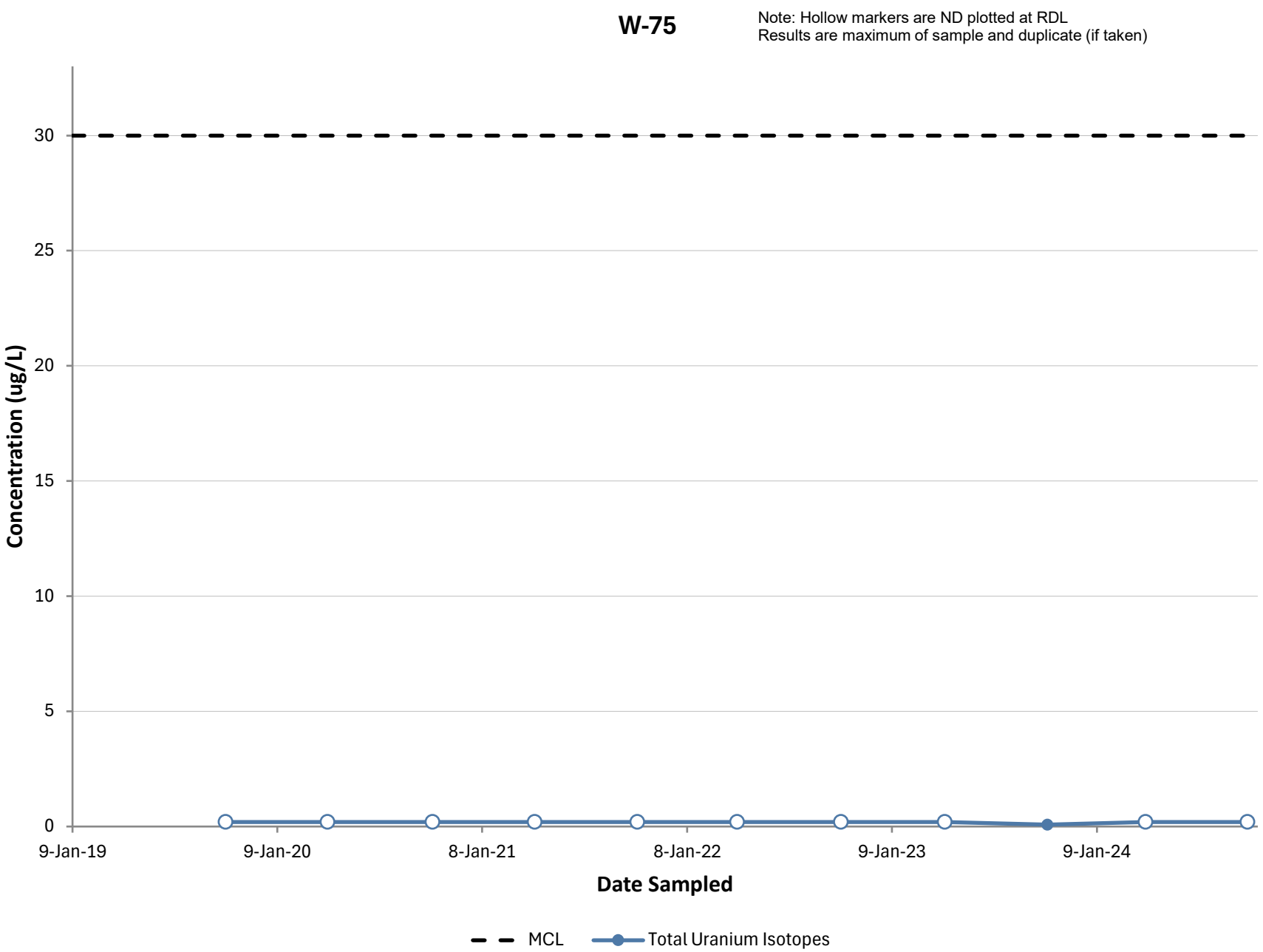
W-72

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



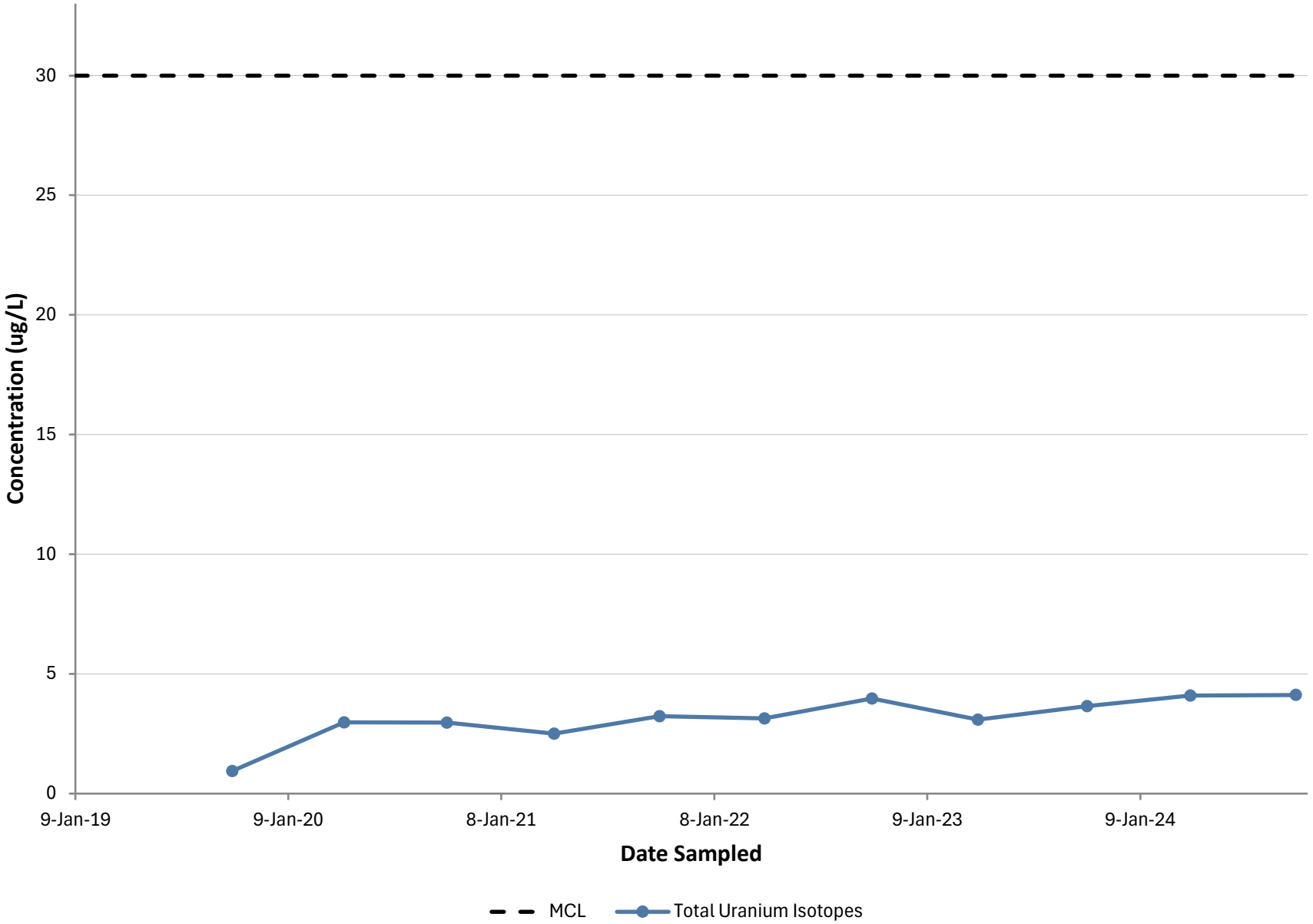

W-73
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

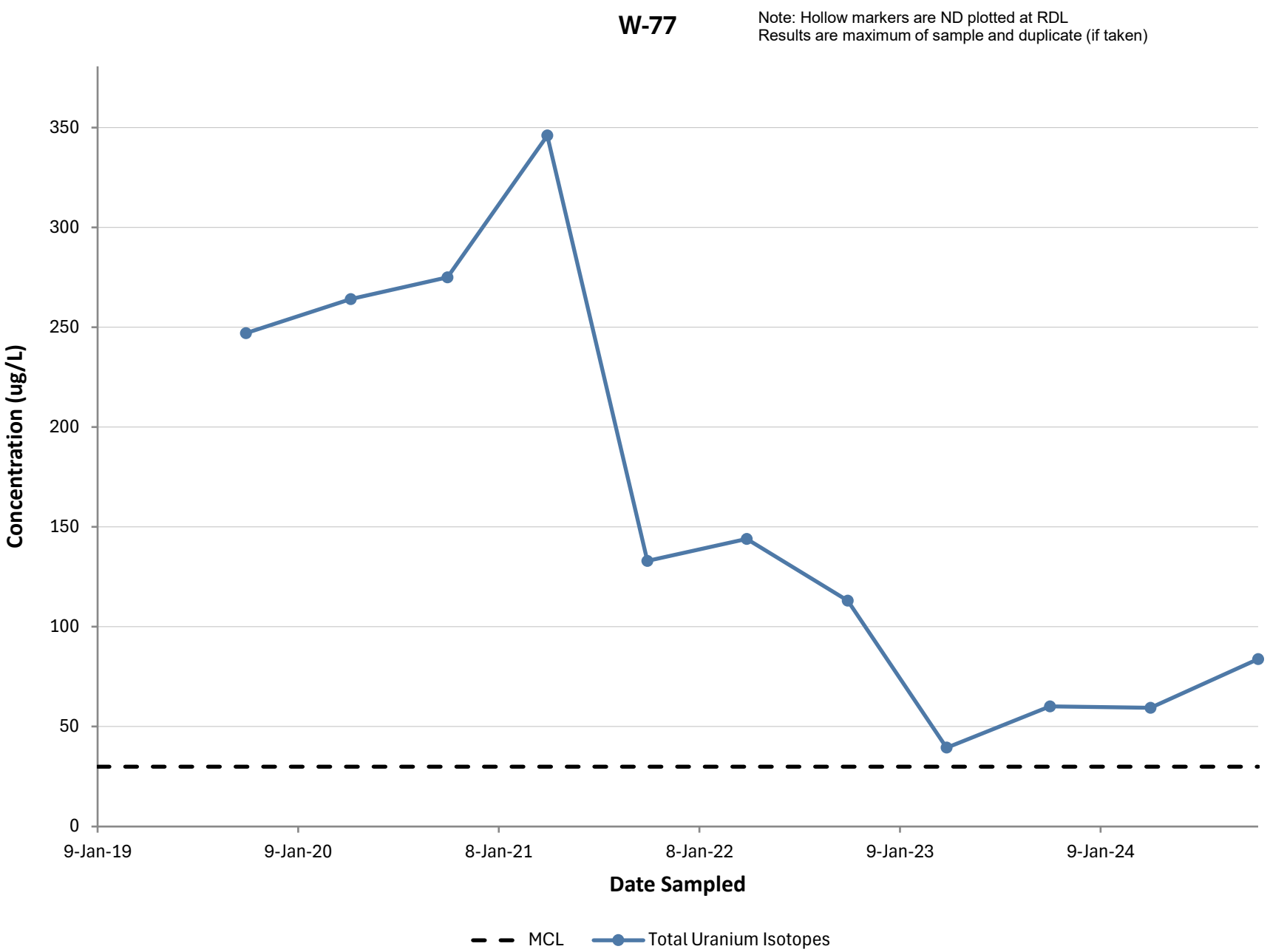

W-74
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

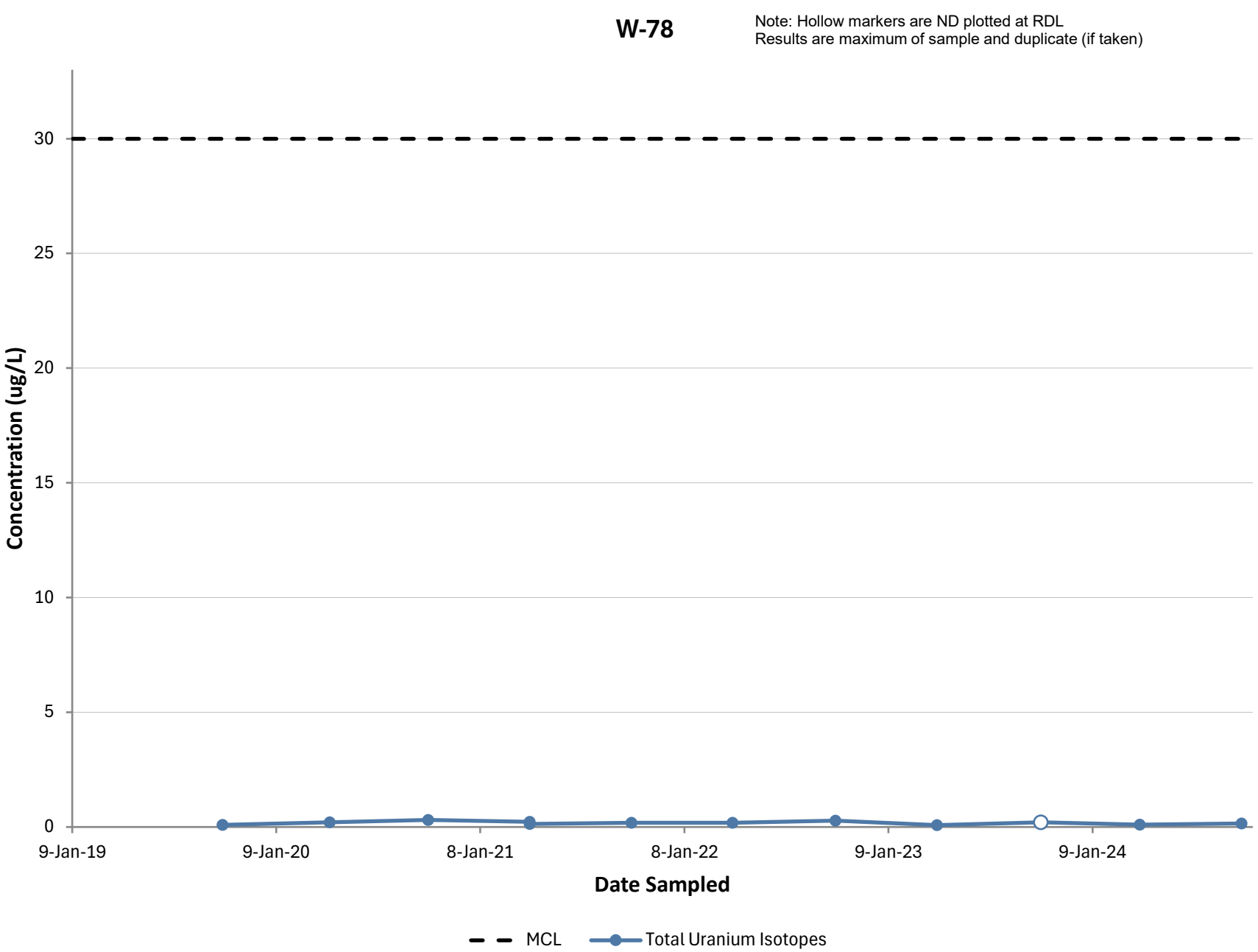

W-75
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

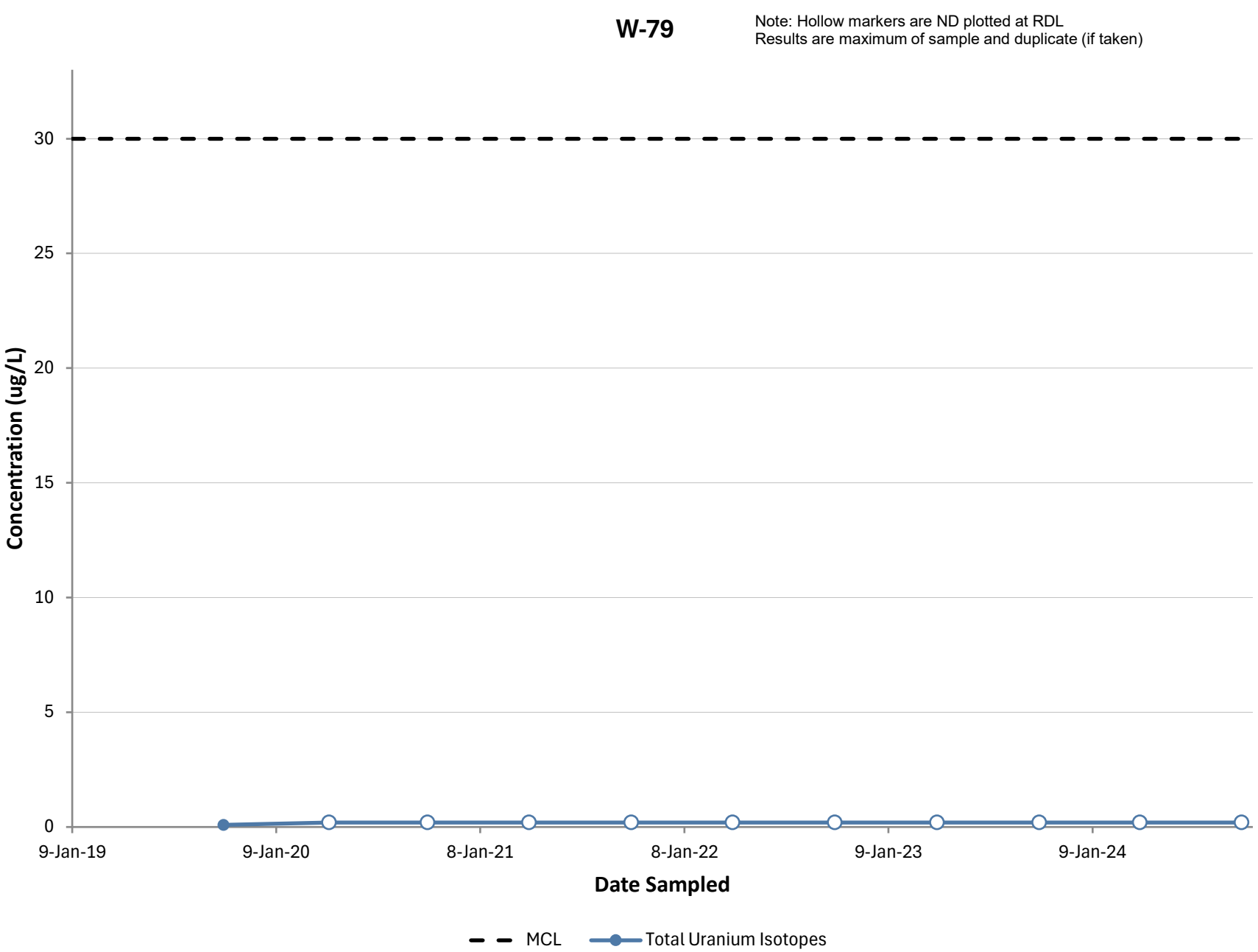
W-76

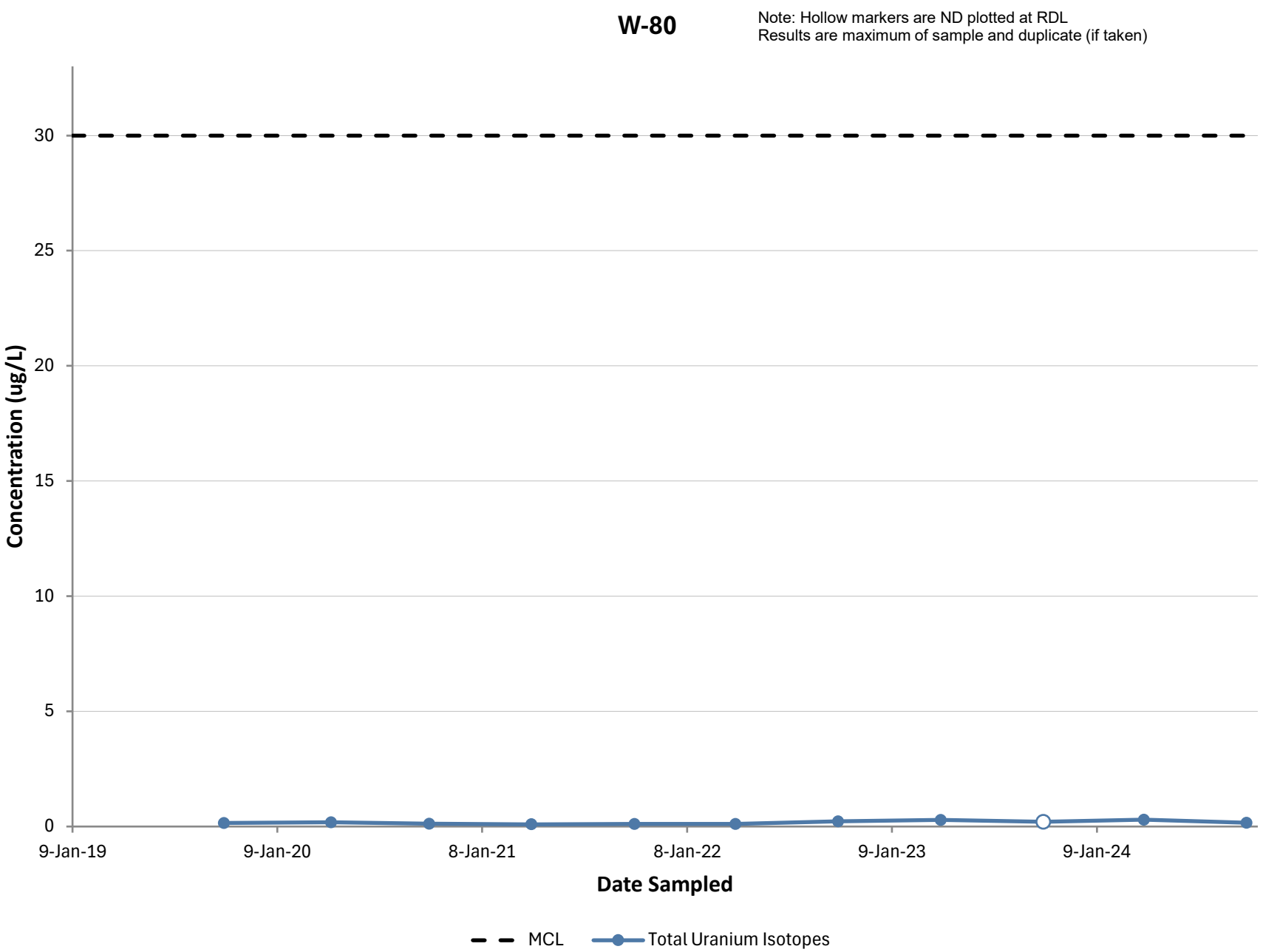
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

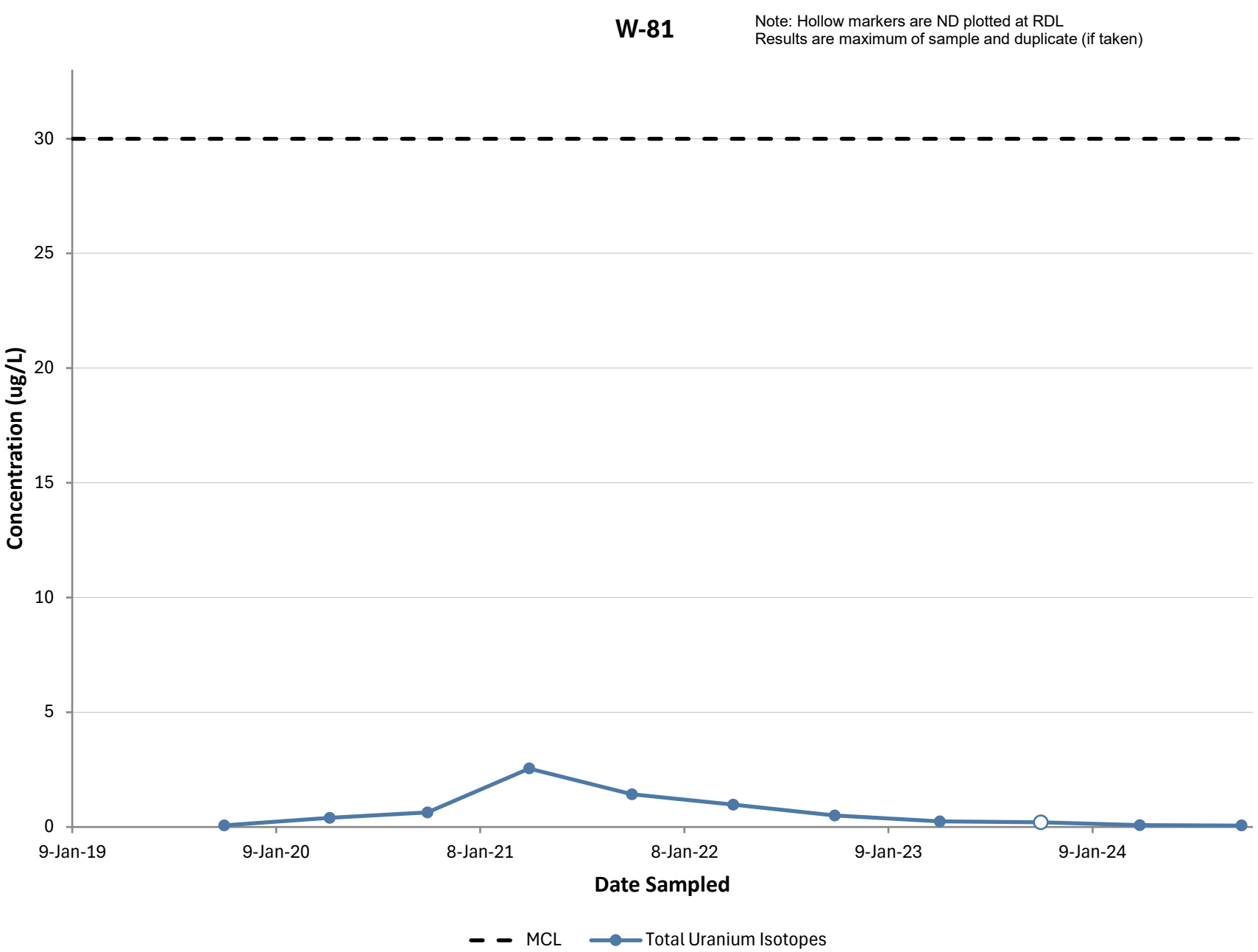


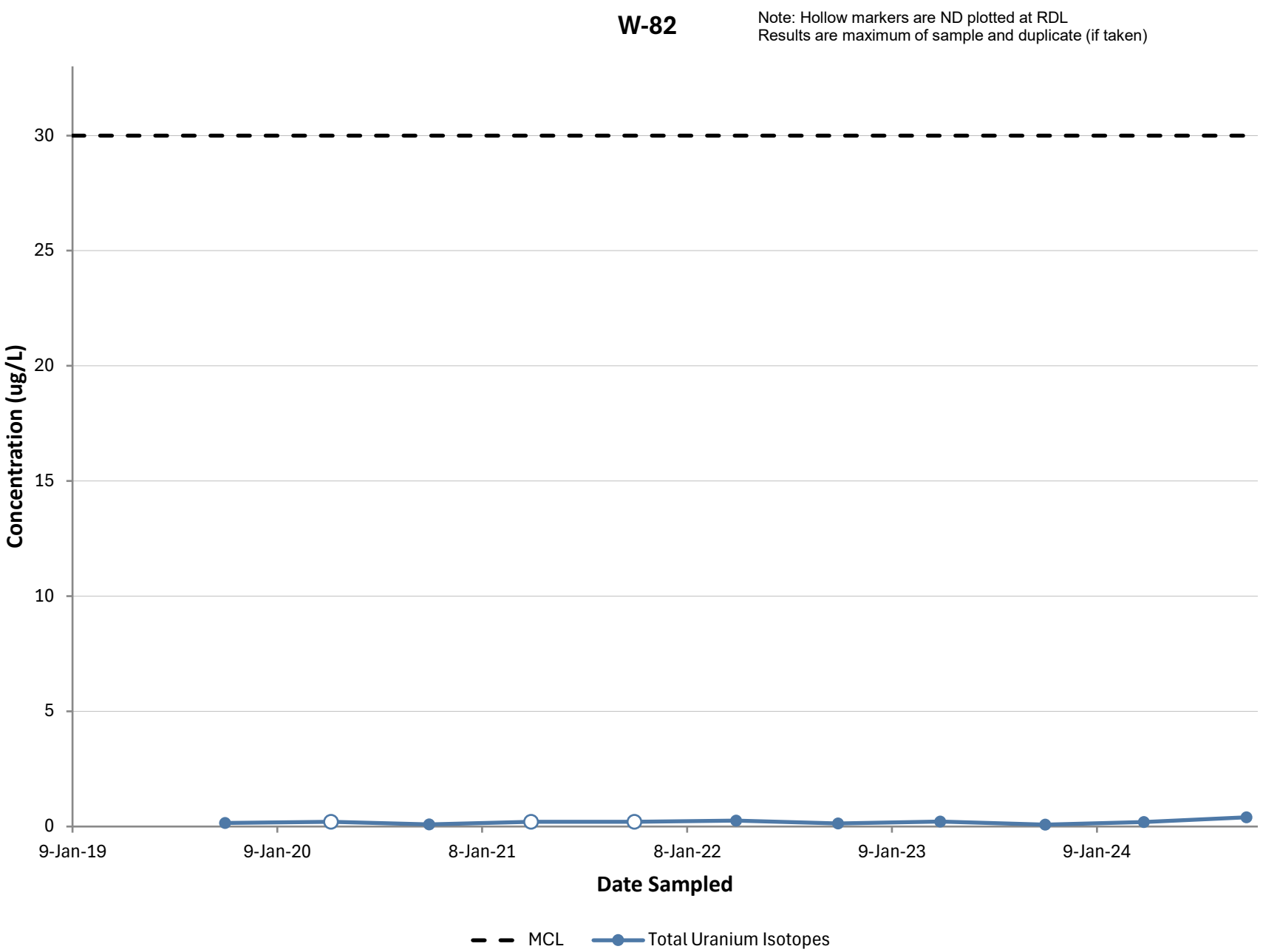

W-77
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
350
300
250
200
150
100
50
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-78
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-79
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

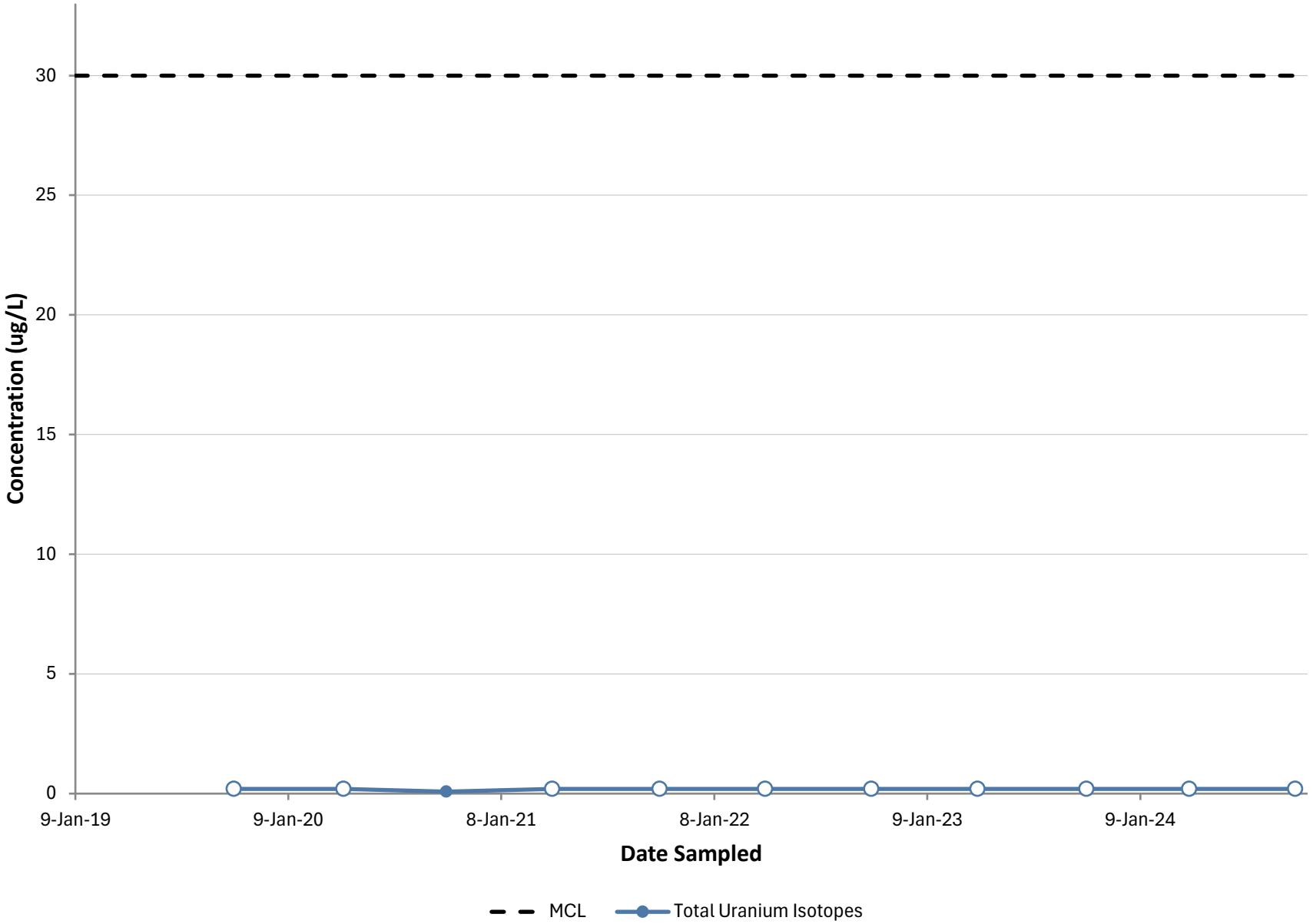

W-80
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

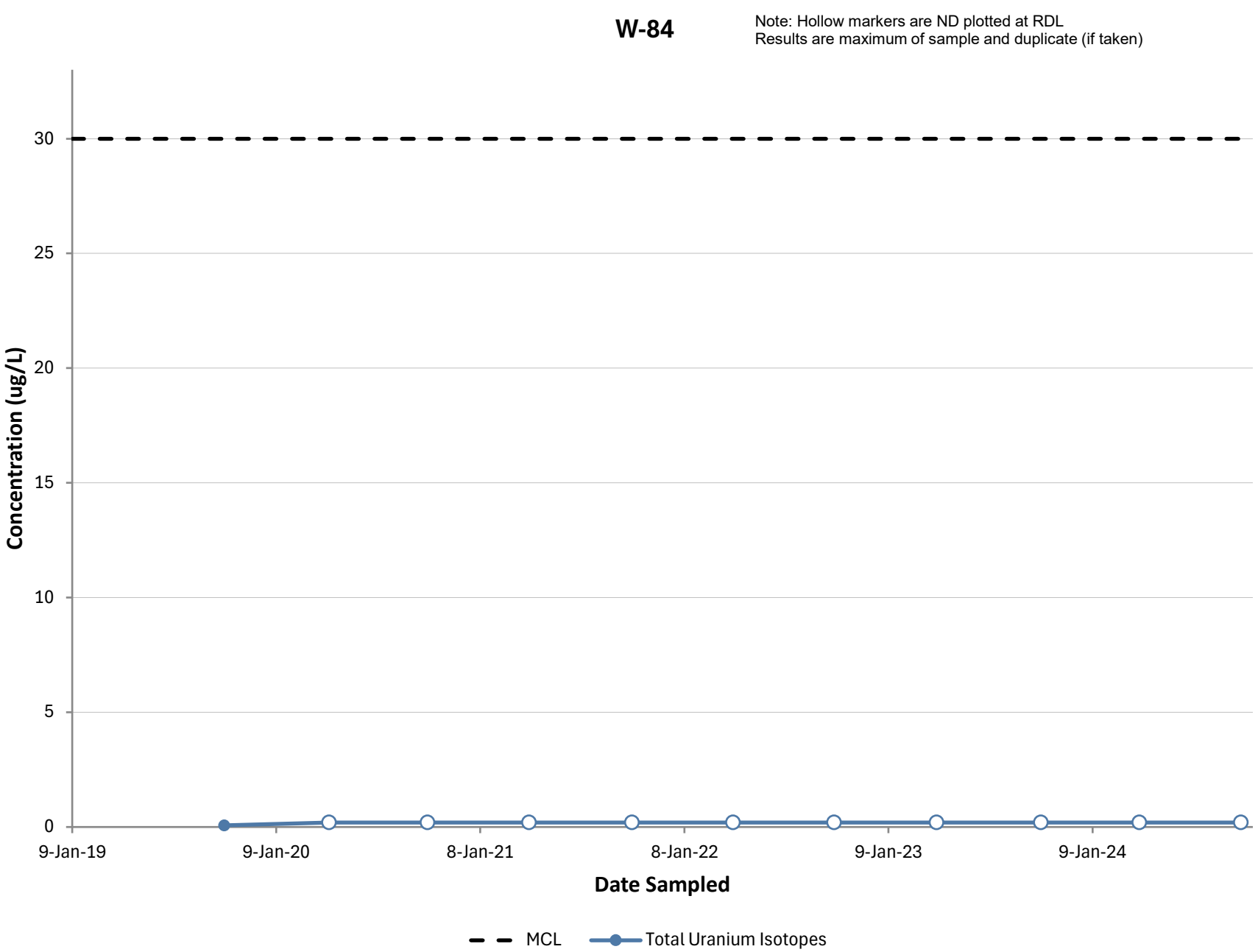

W-81
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

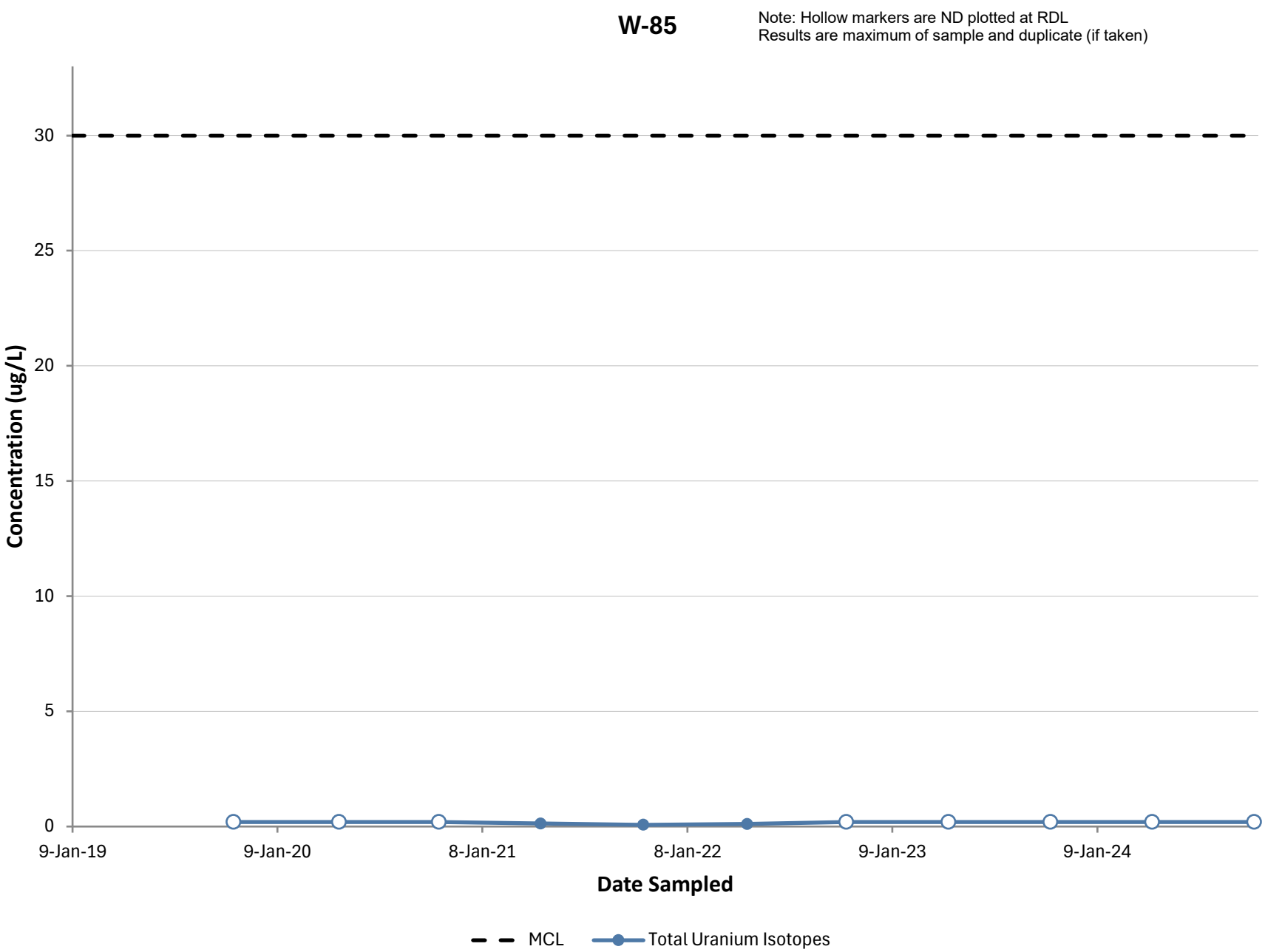

W-82
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

W-83

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

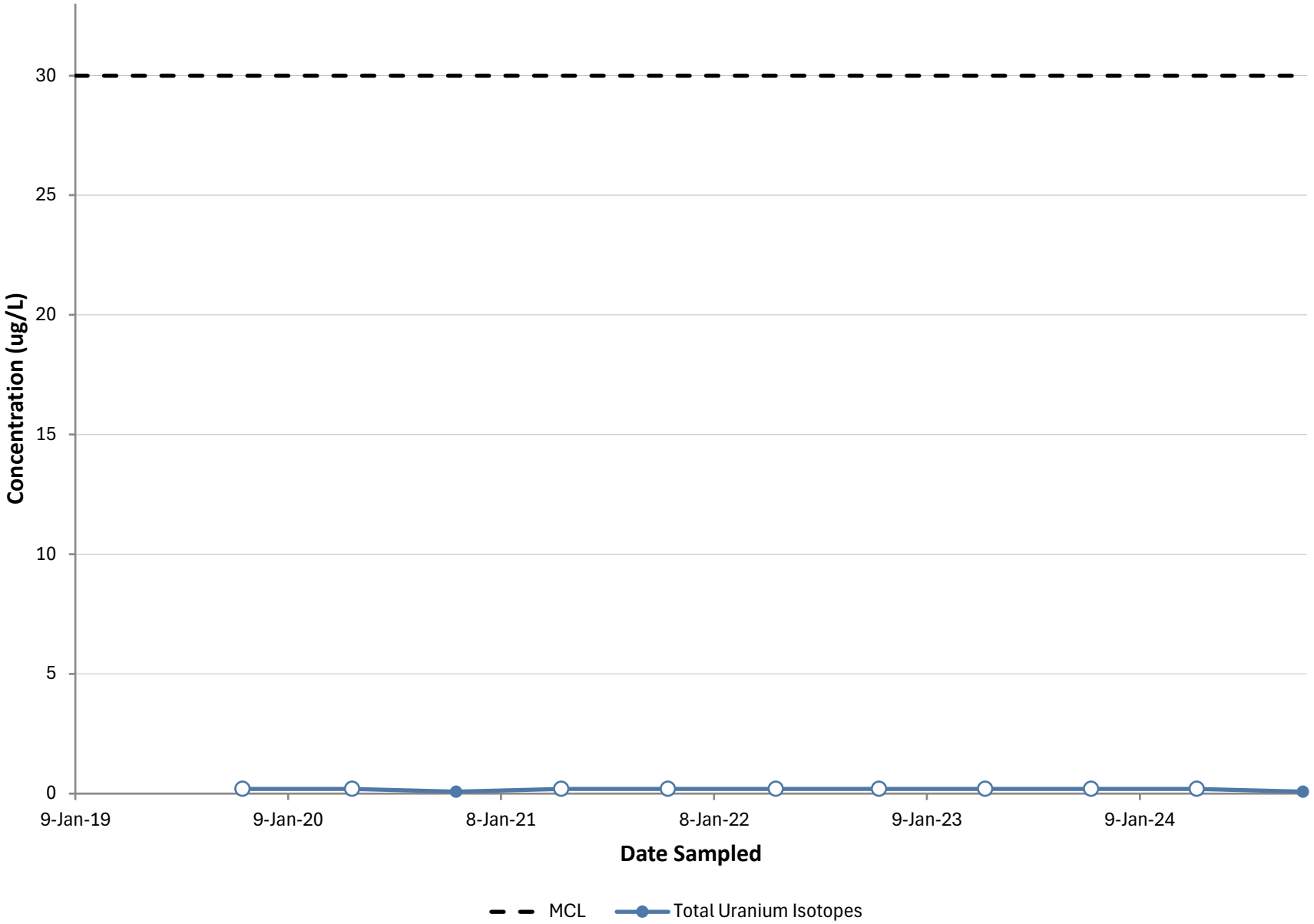


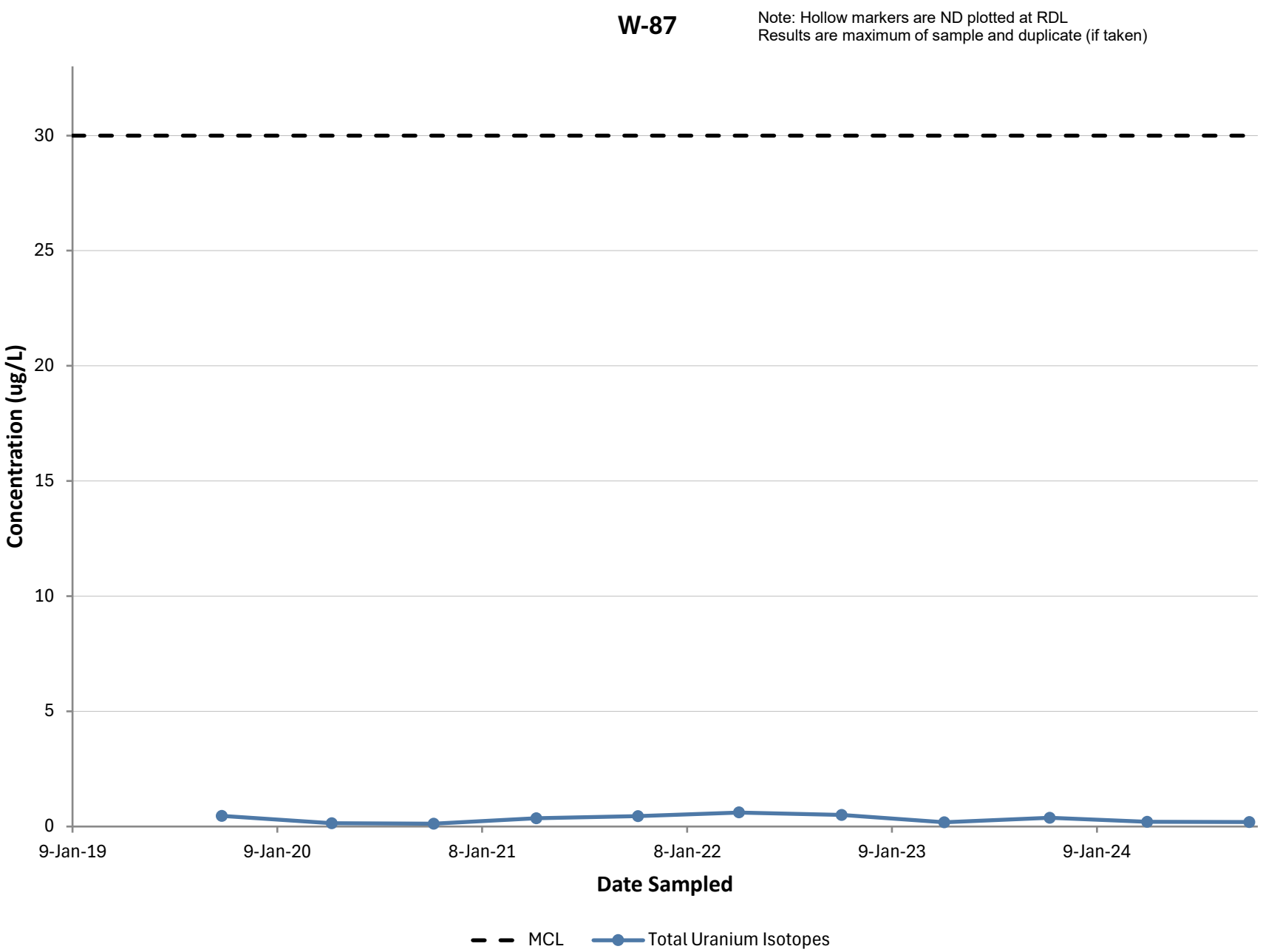

W-84
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-85
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

W-86

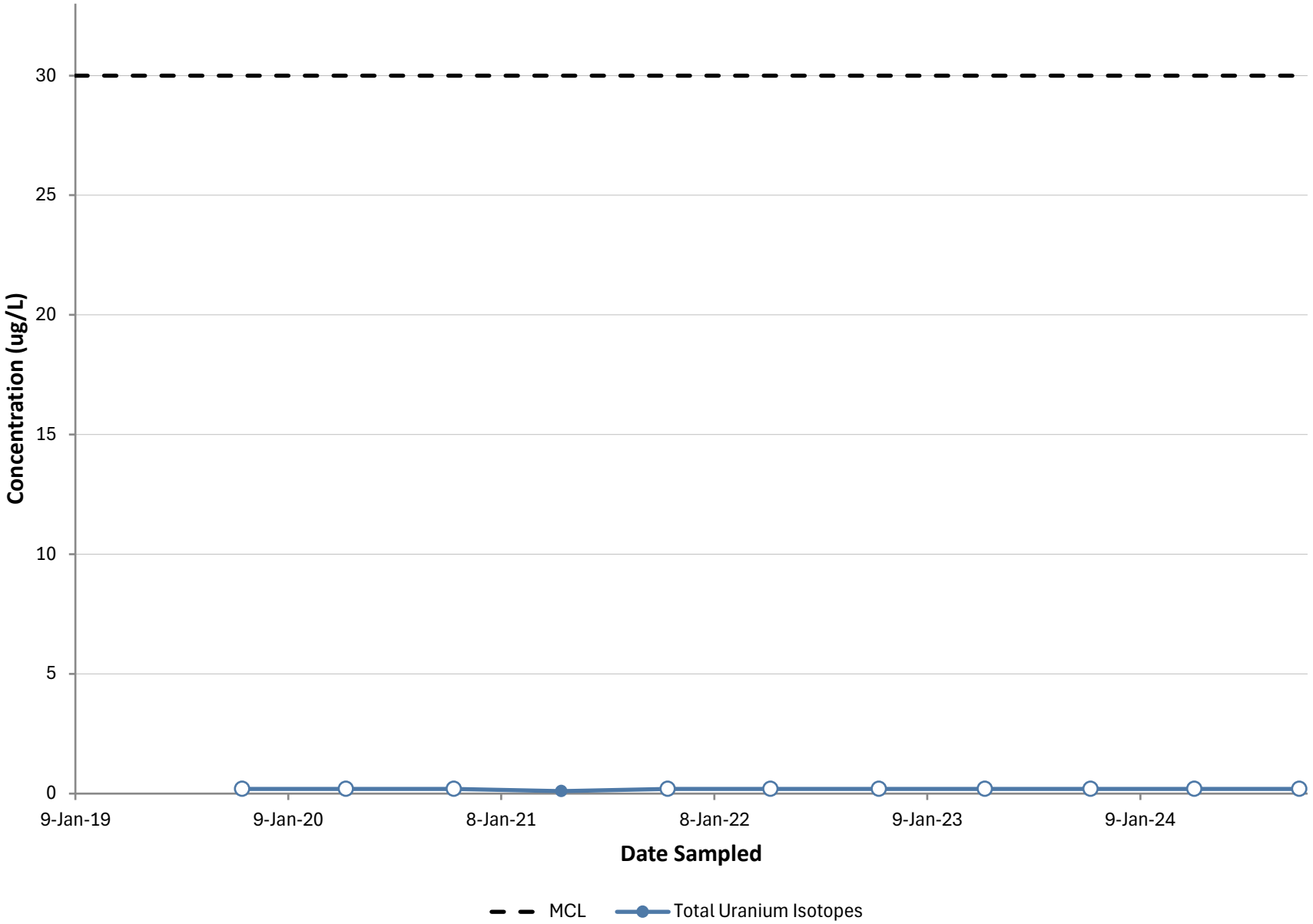
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

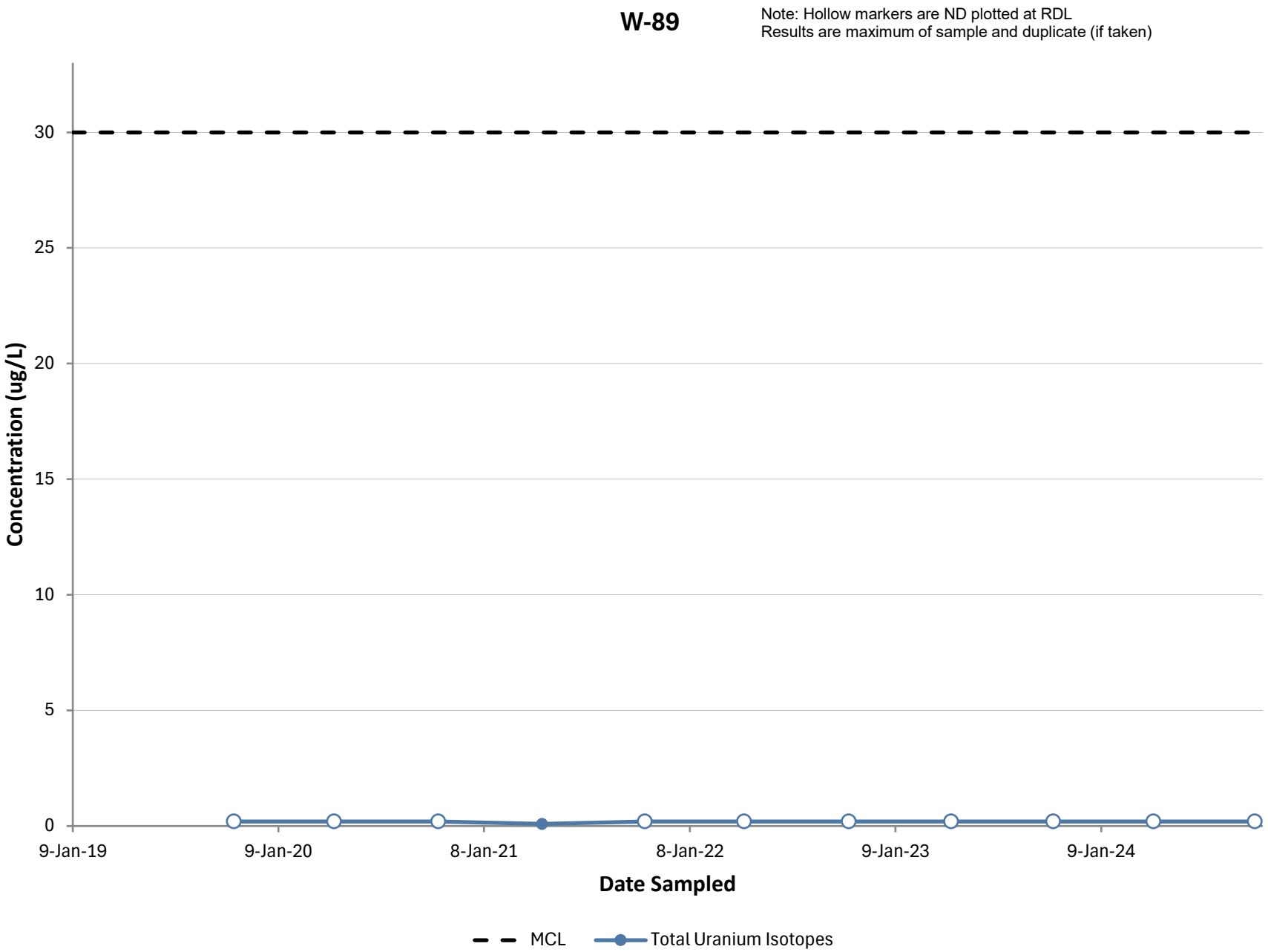



W-87
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

W-88

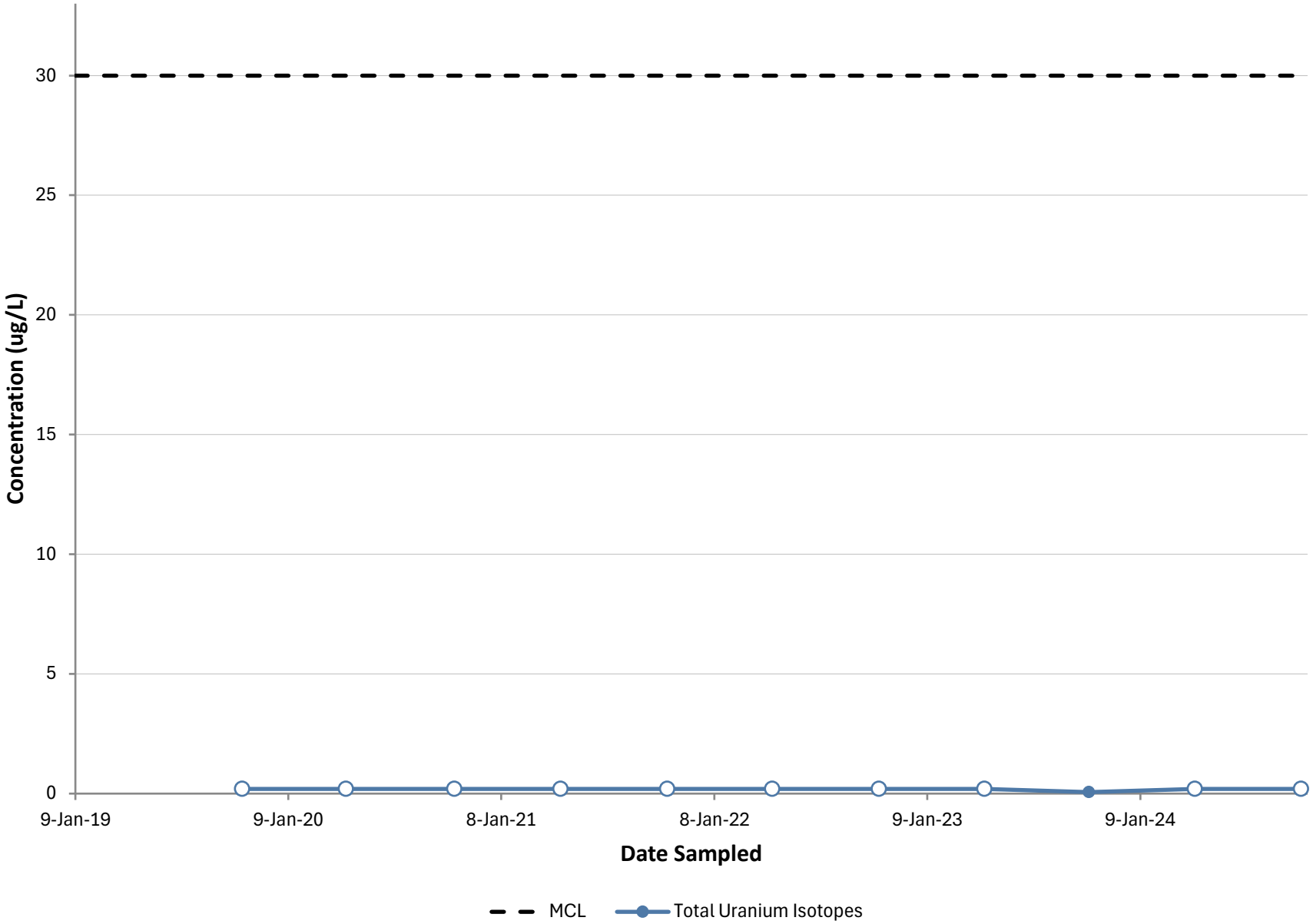
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-89
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

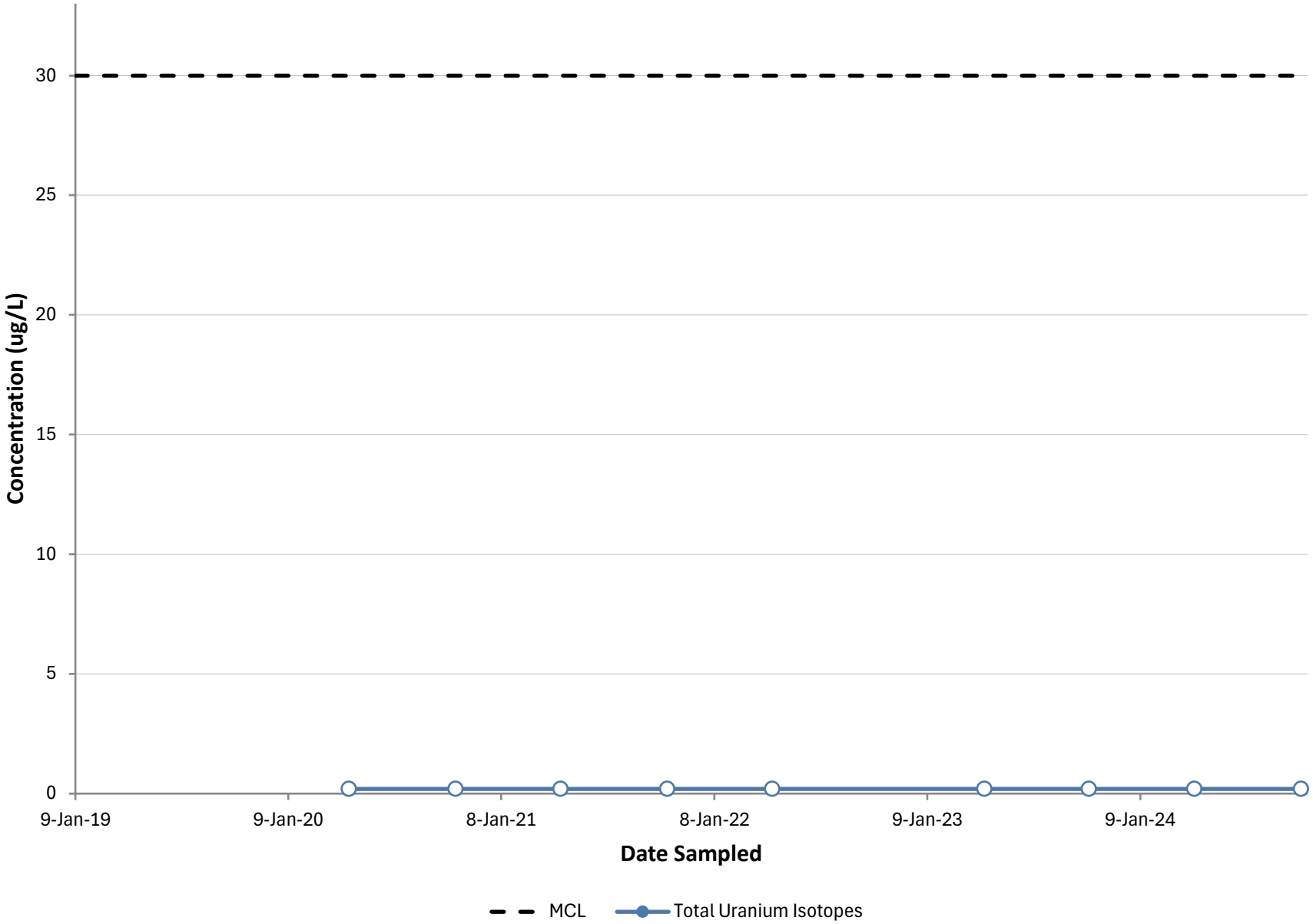
W-90

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



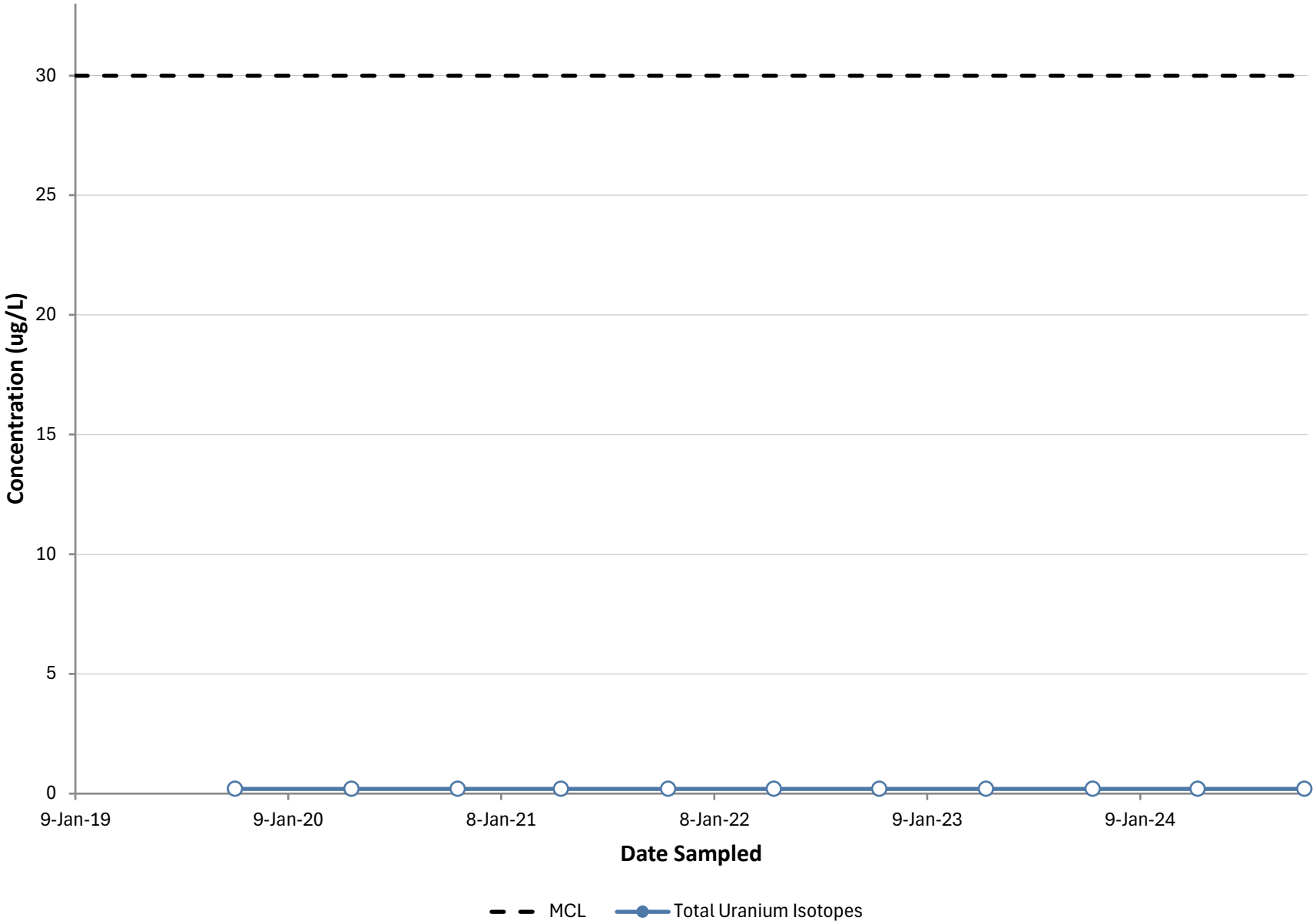
W-91

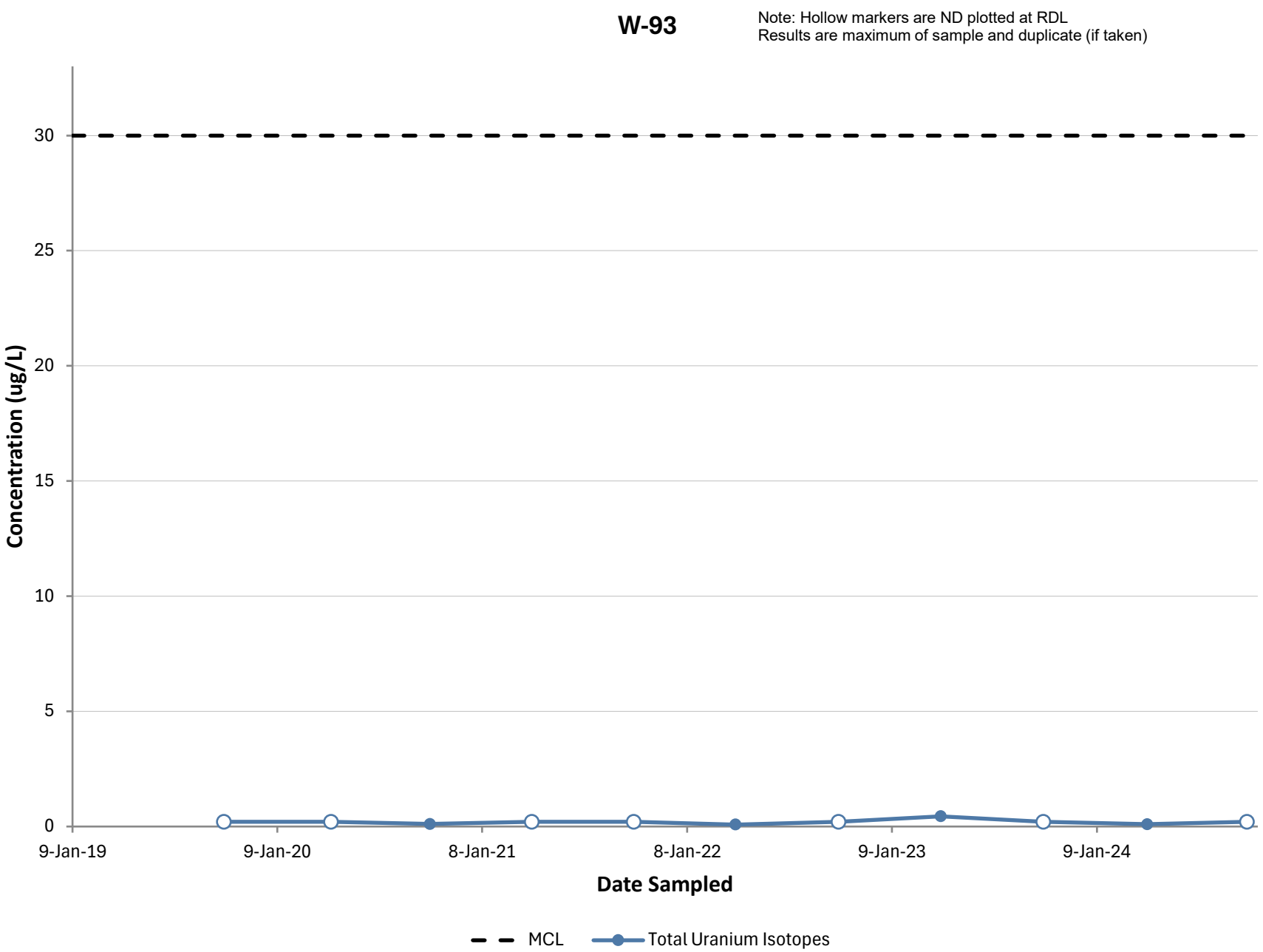
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-92

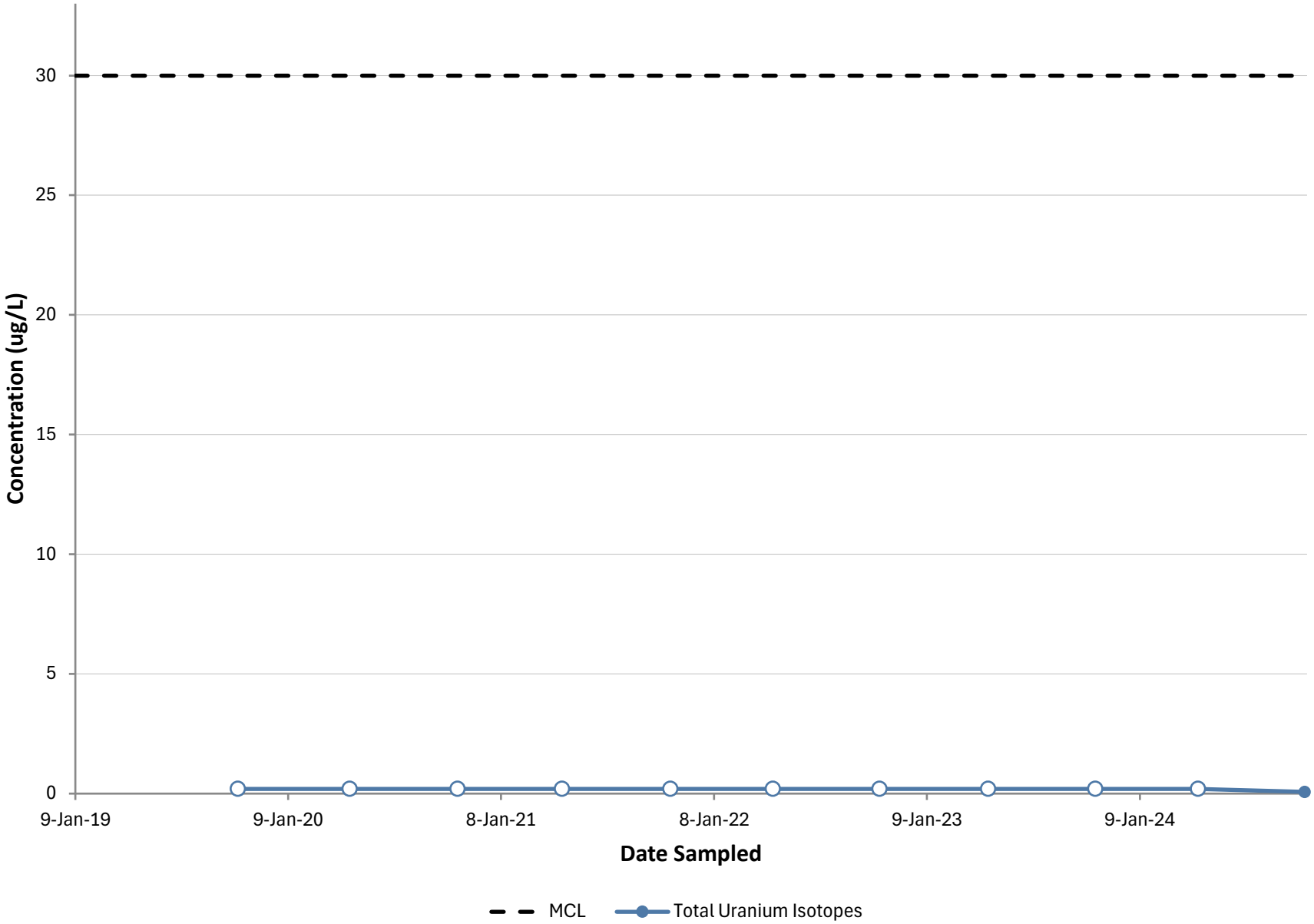
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

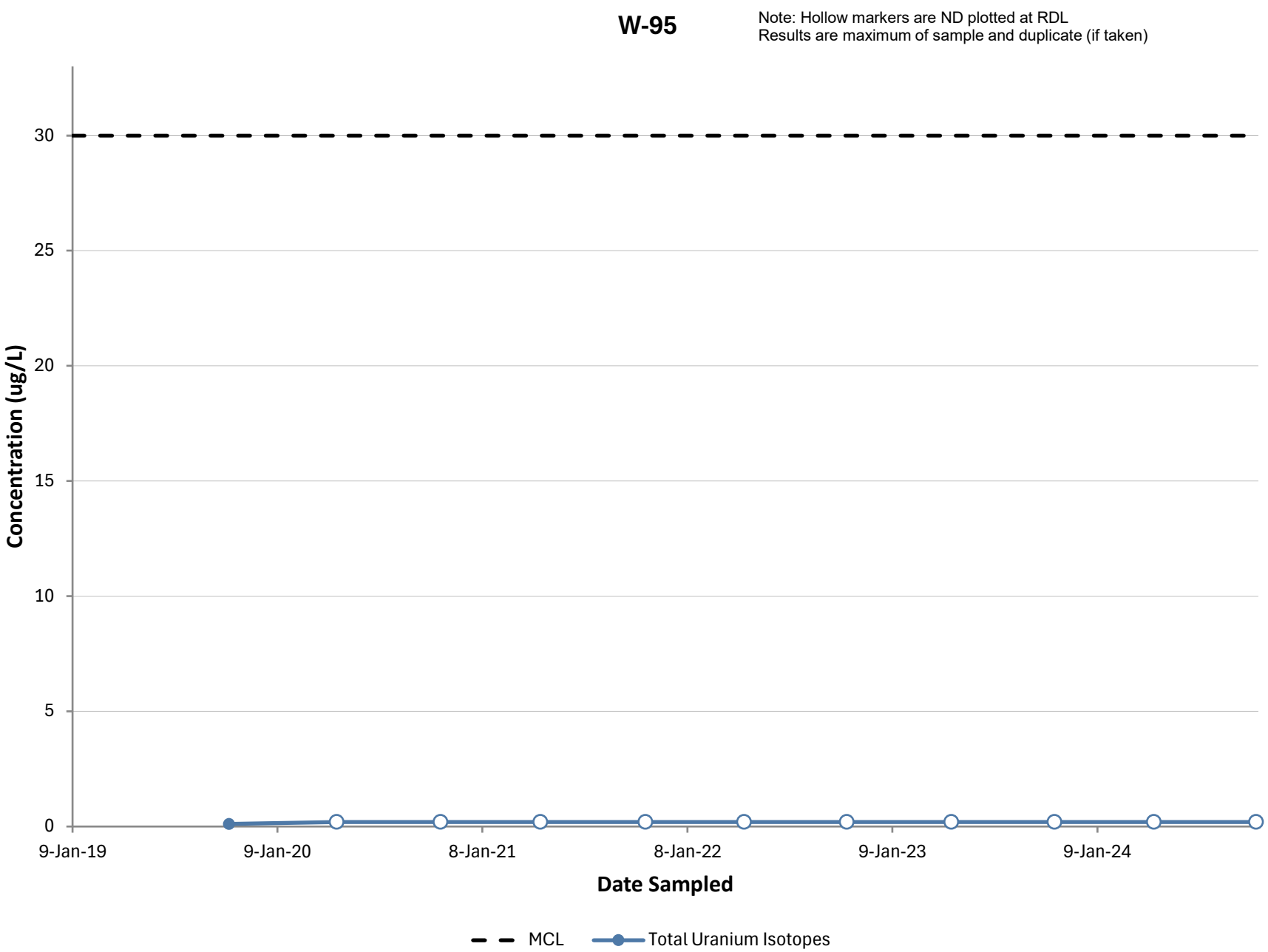



W-93
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

W-94

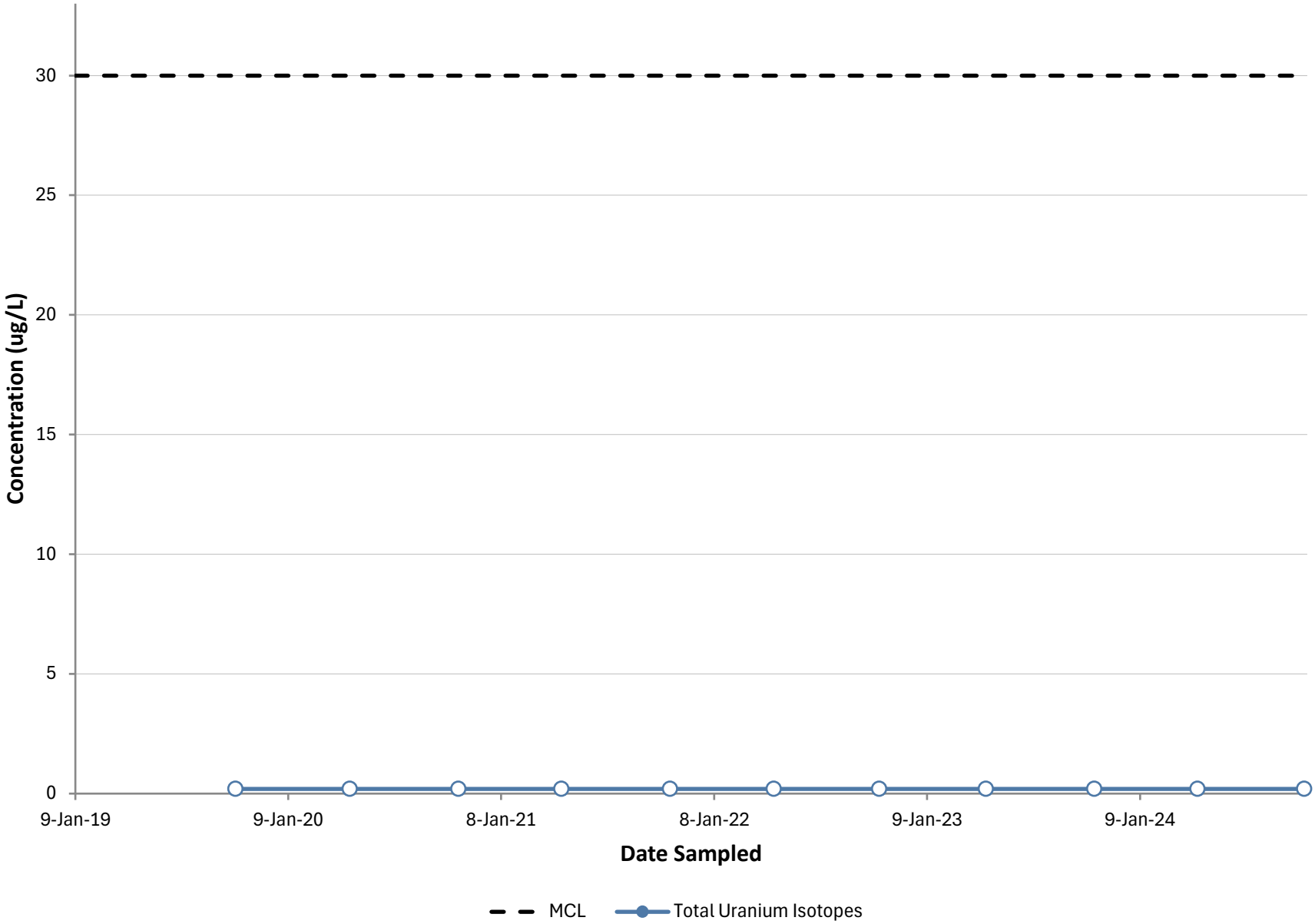
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-95
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

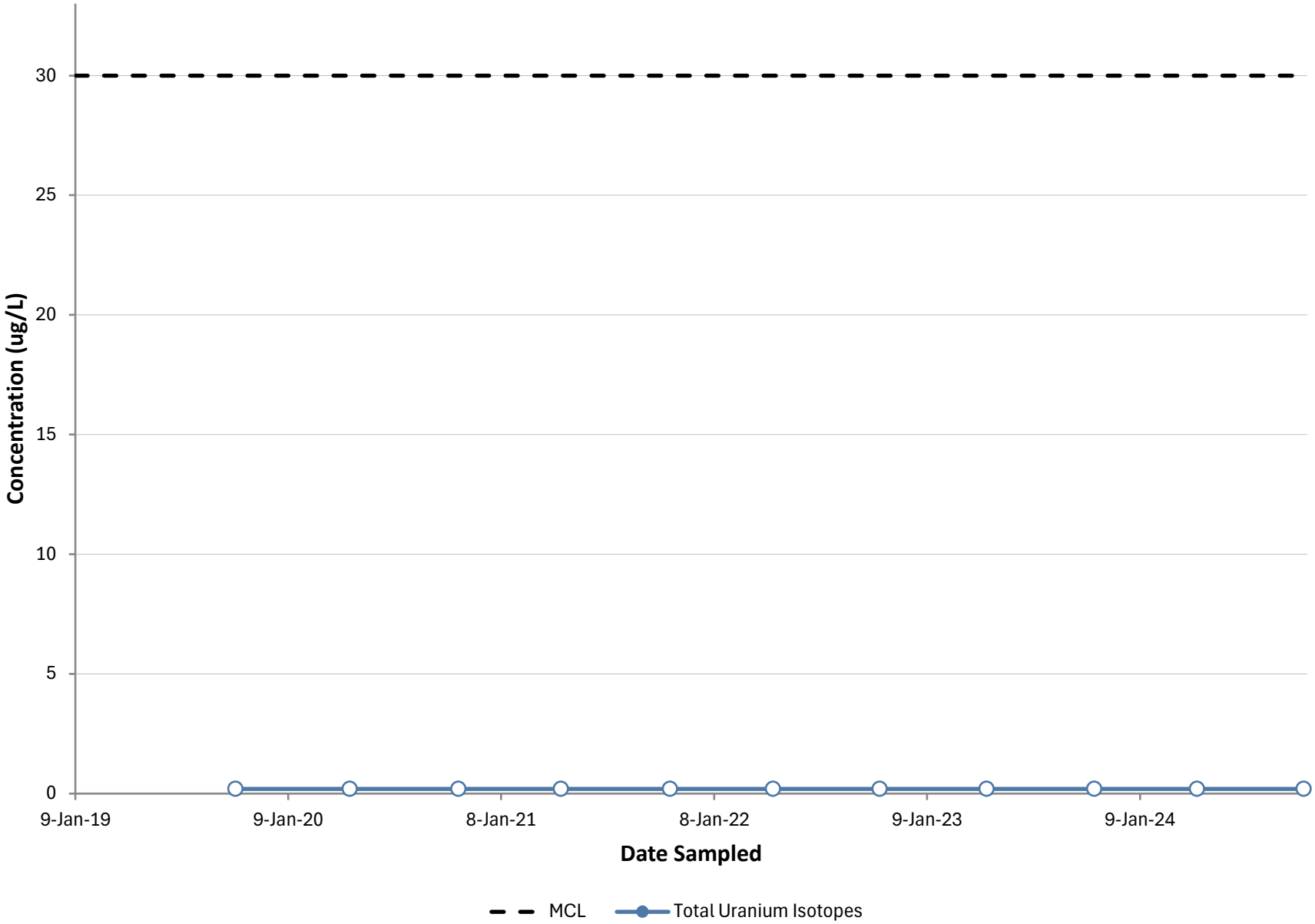
W-96

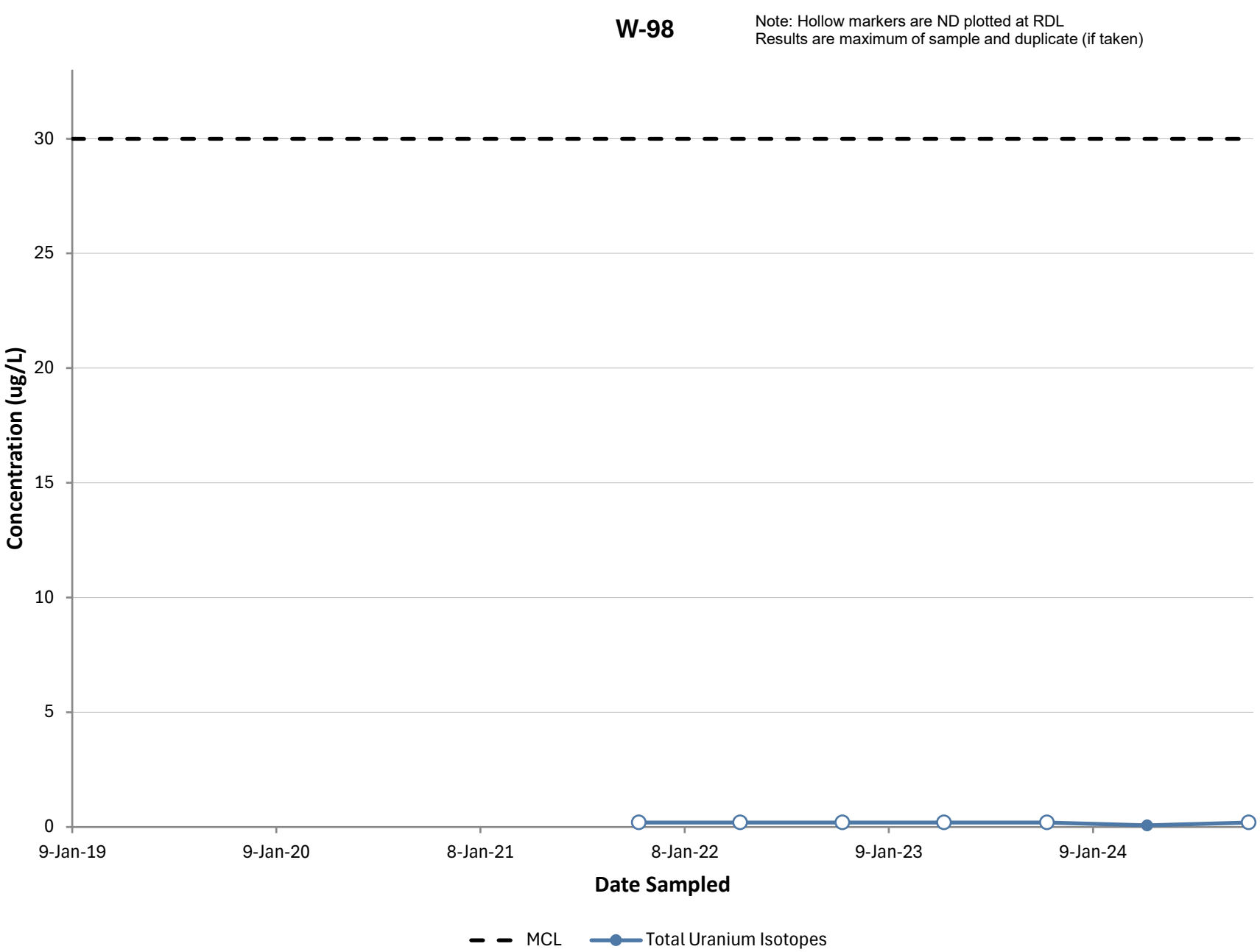
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

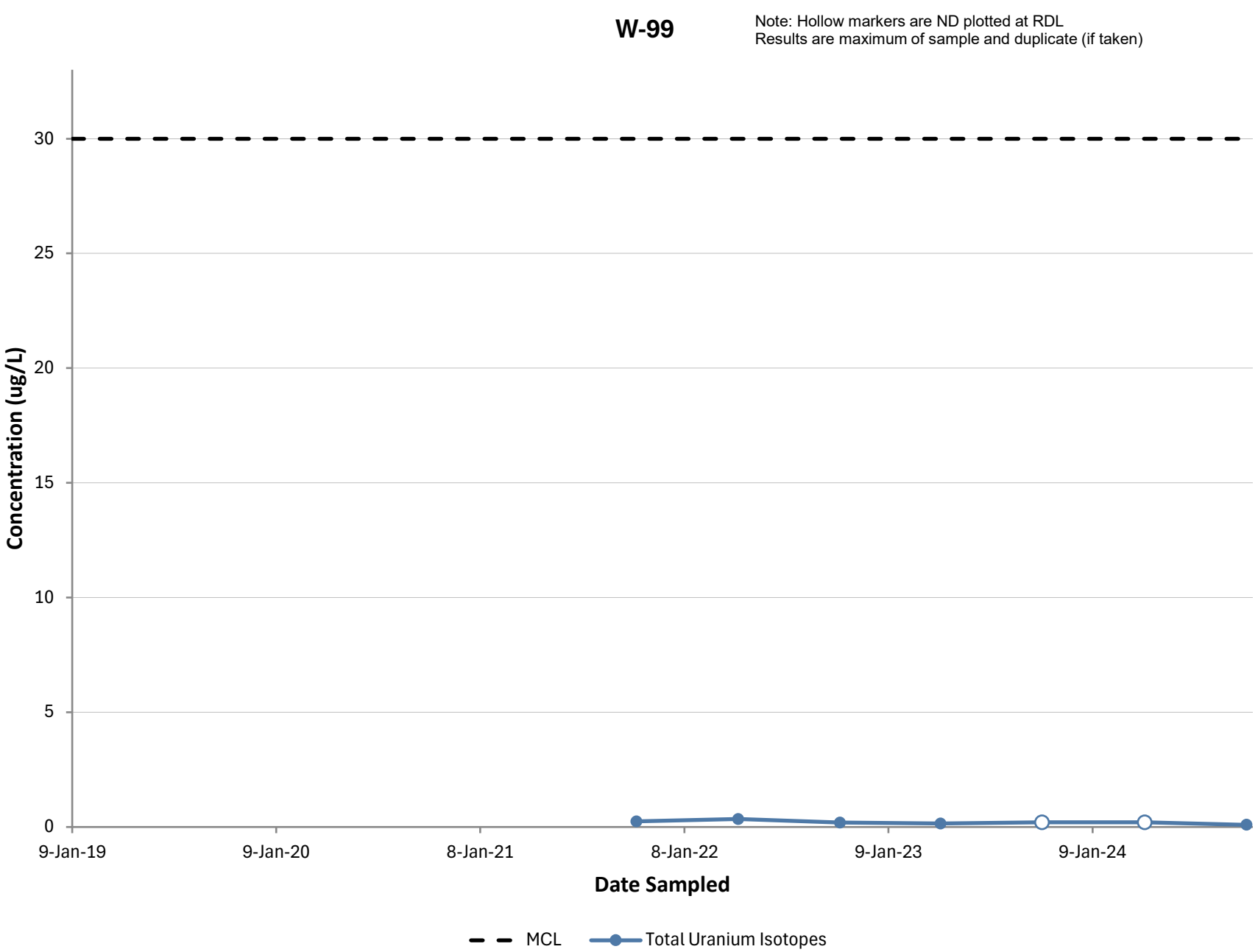


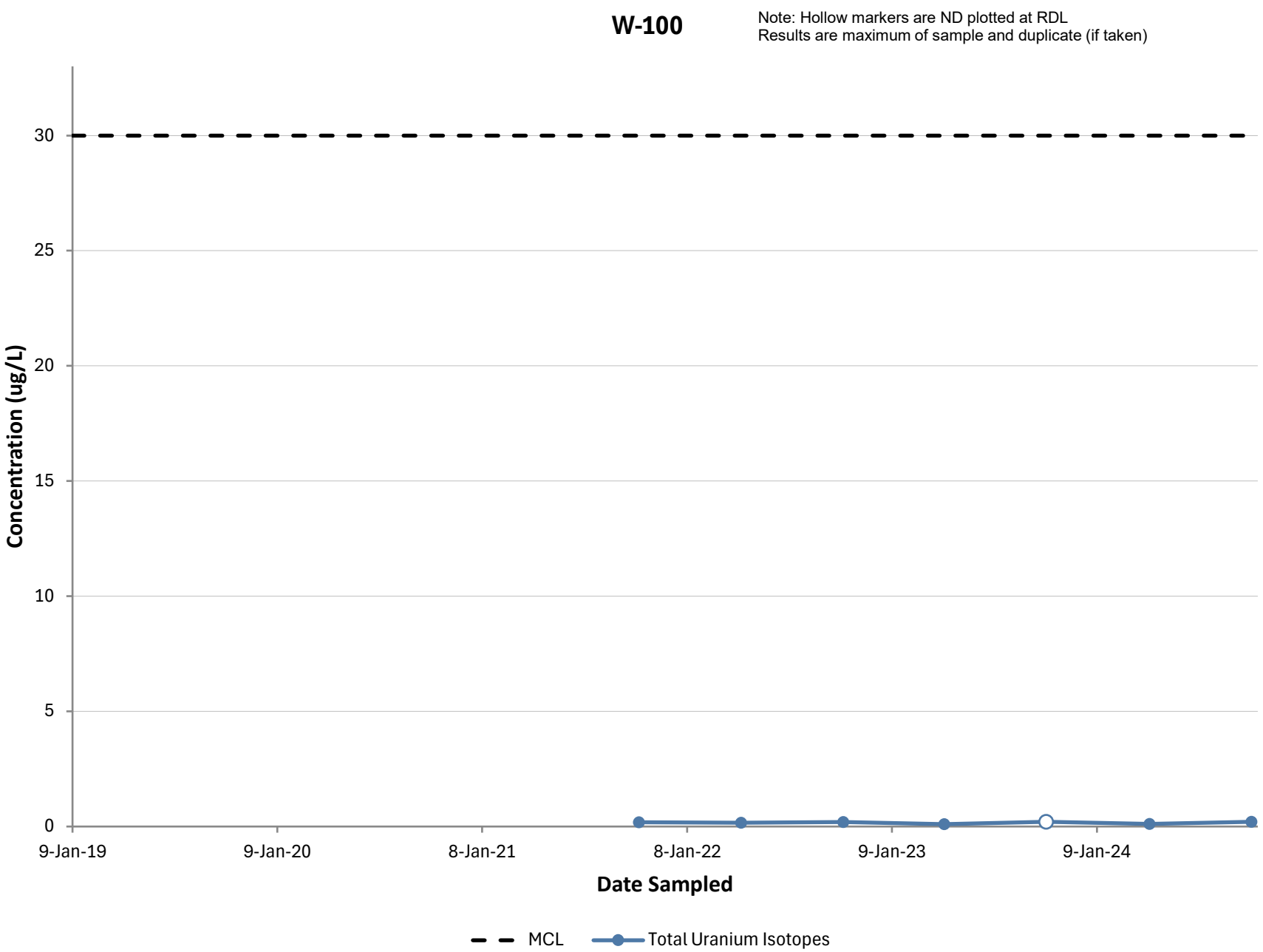
W-97

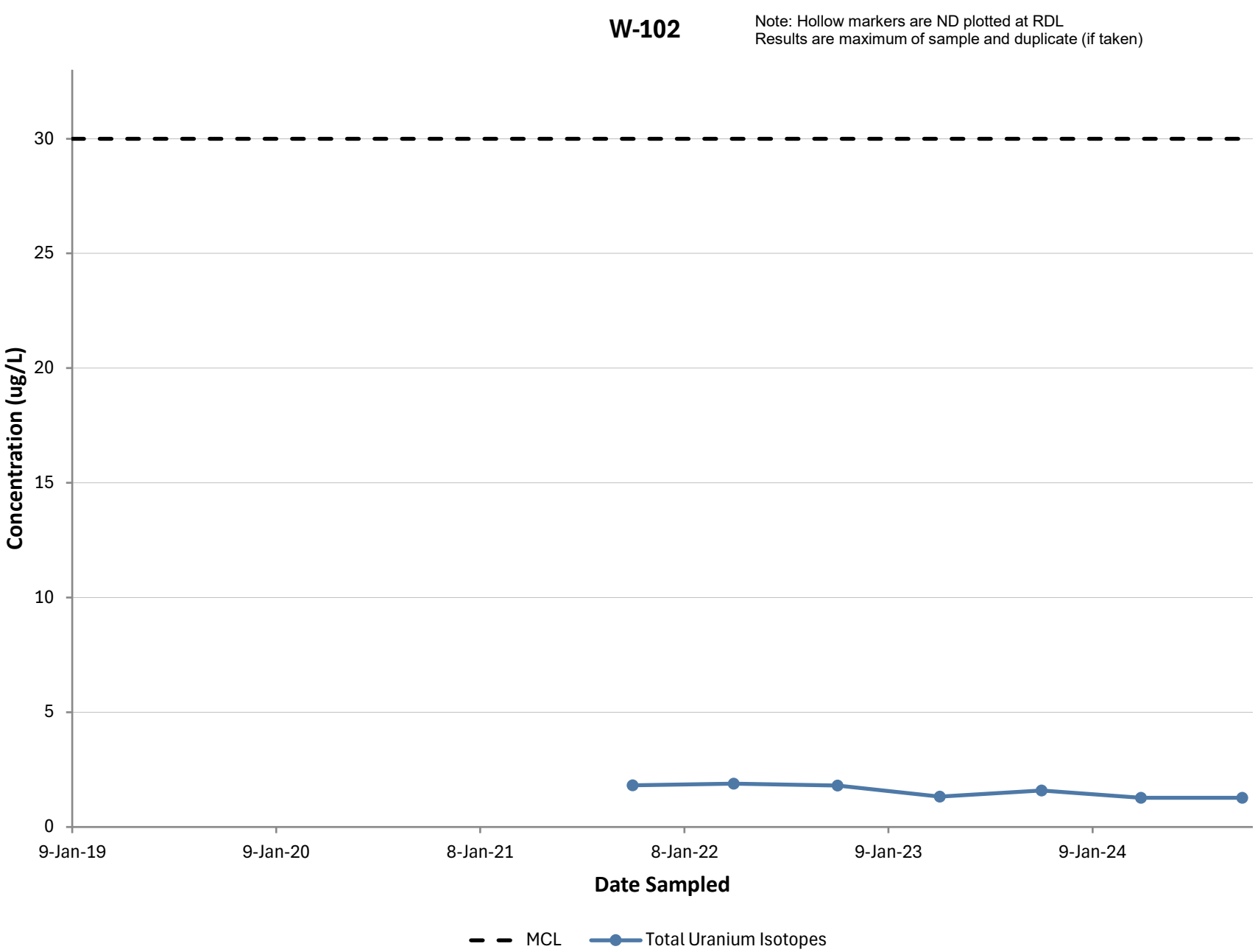
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

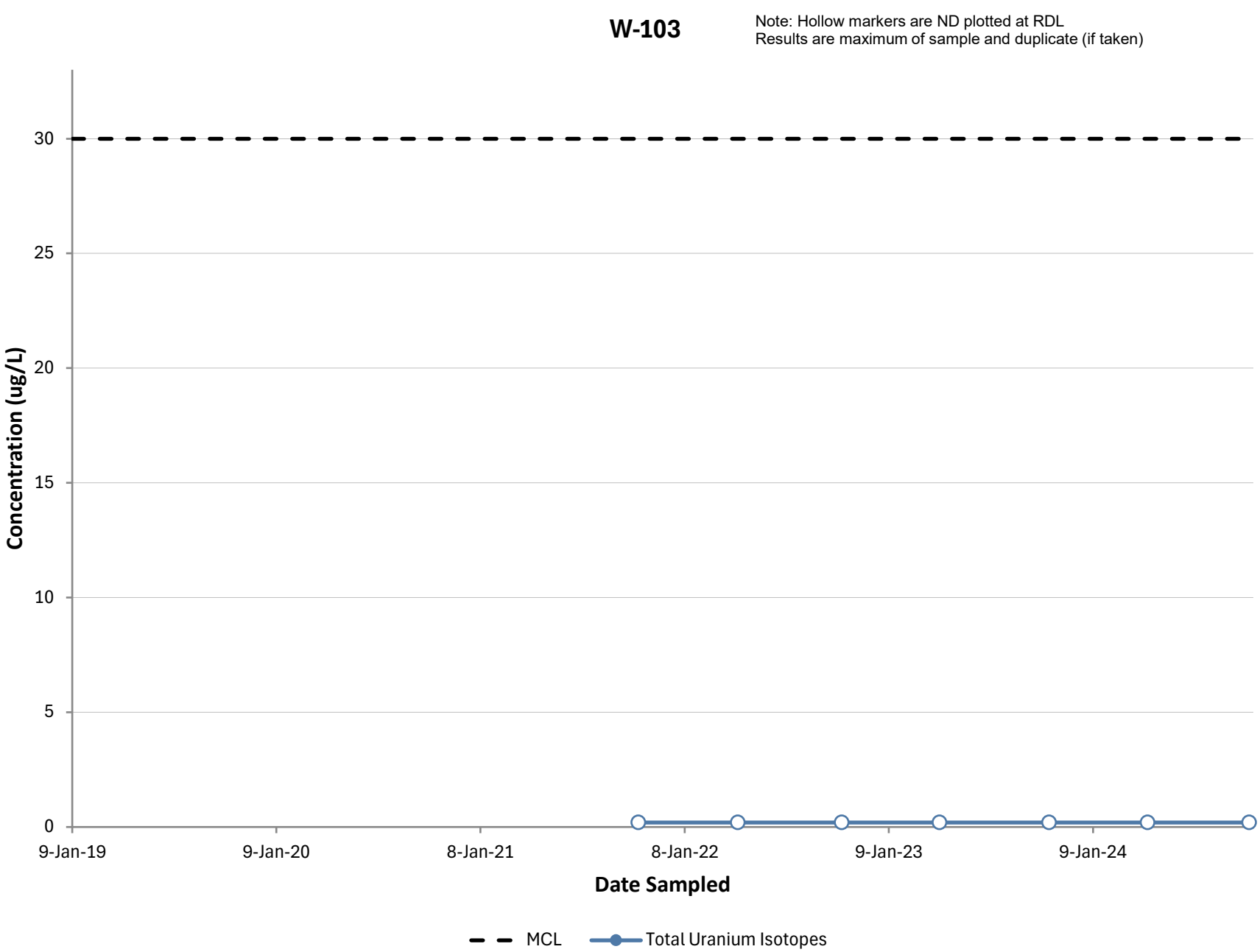


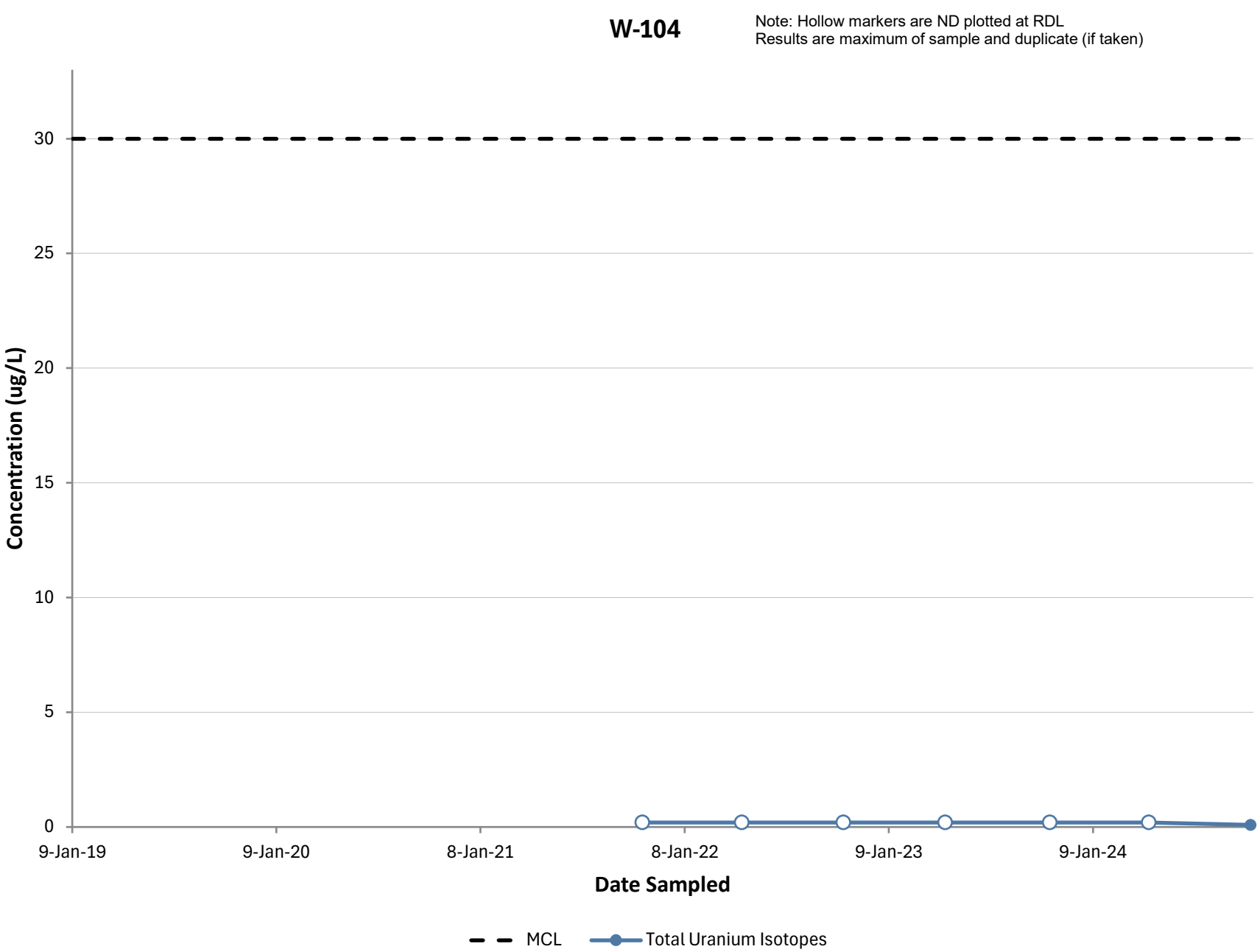

W-98
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

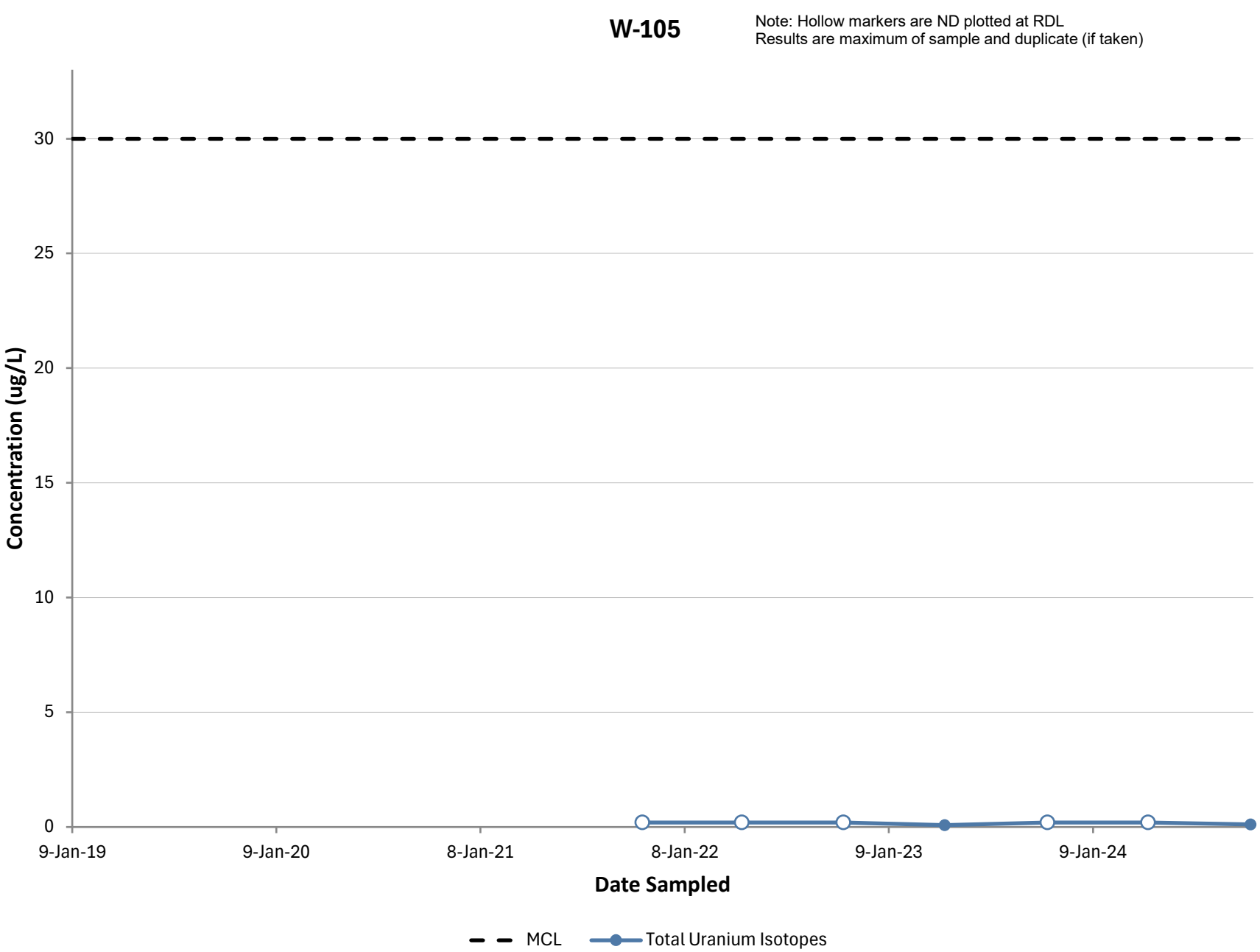

W-99
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

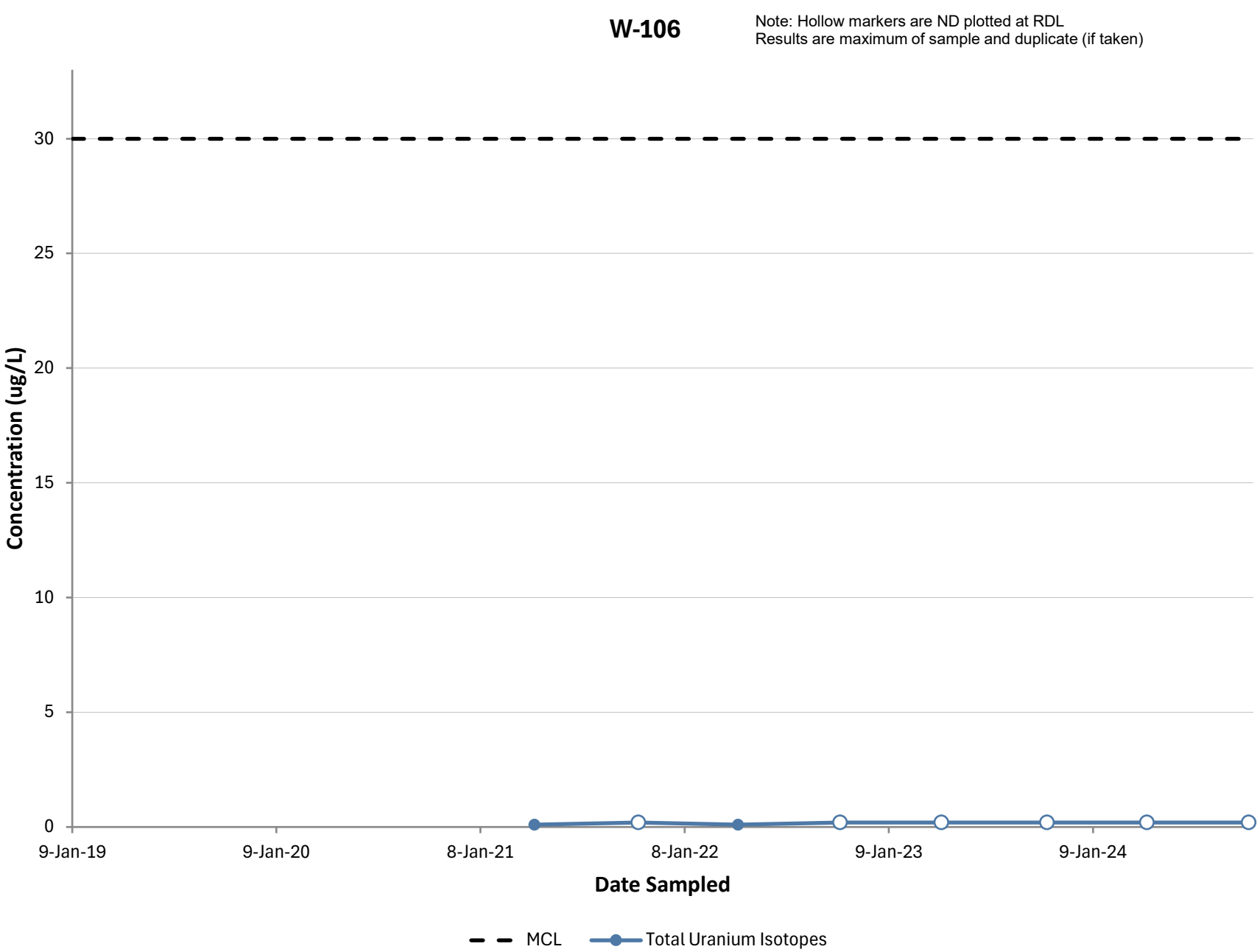

W-100
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

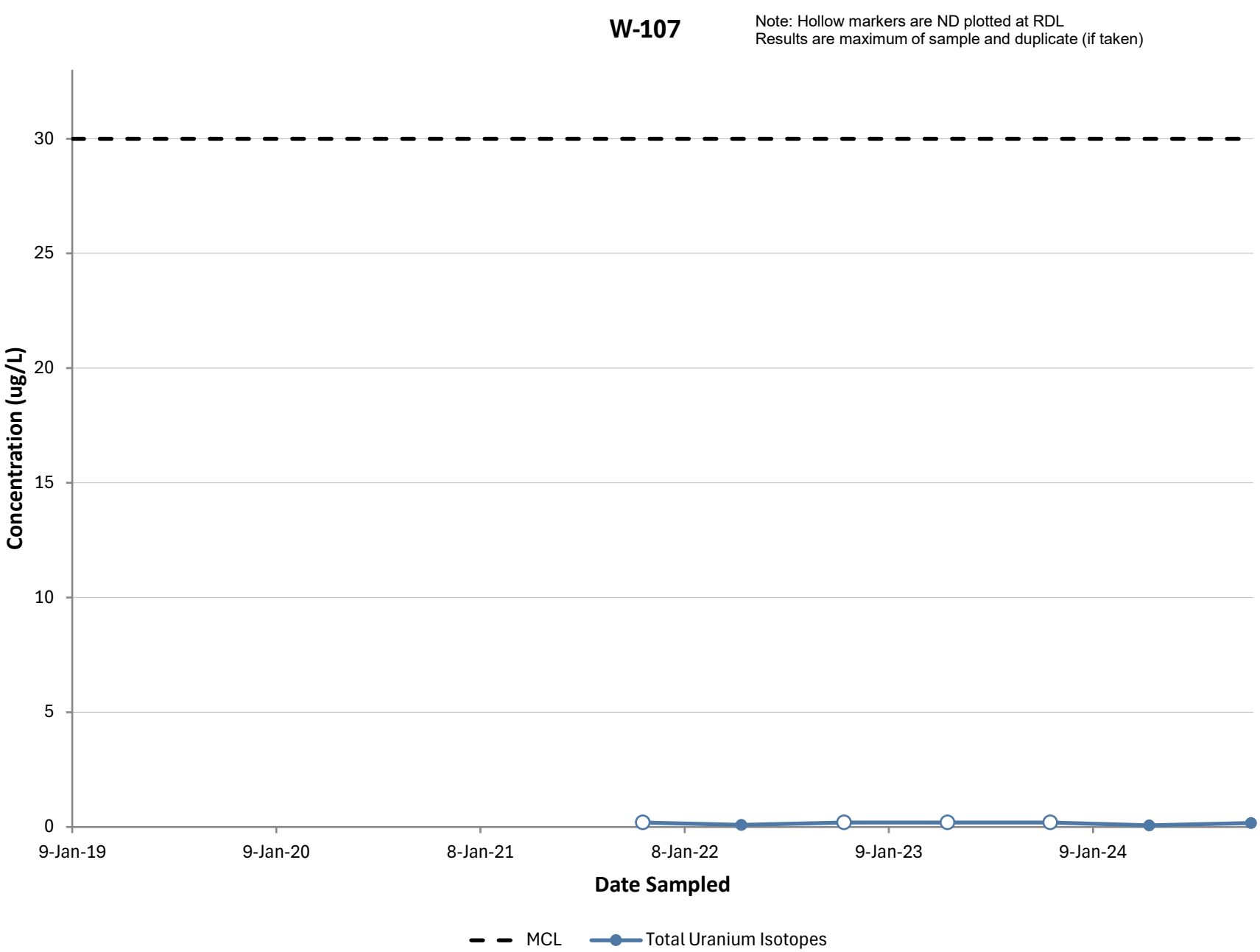

W-102
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

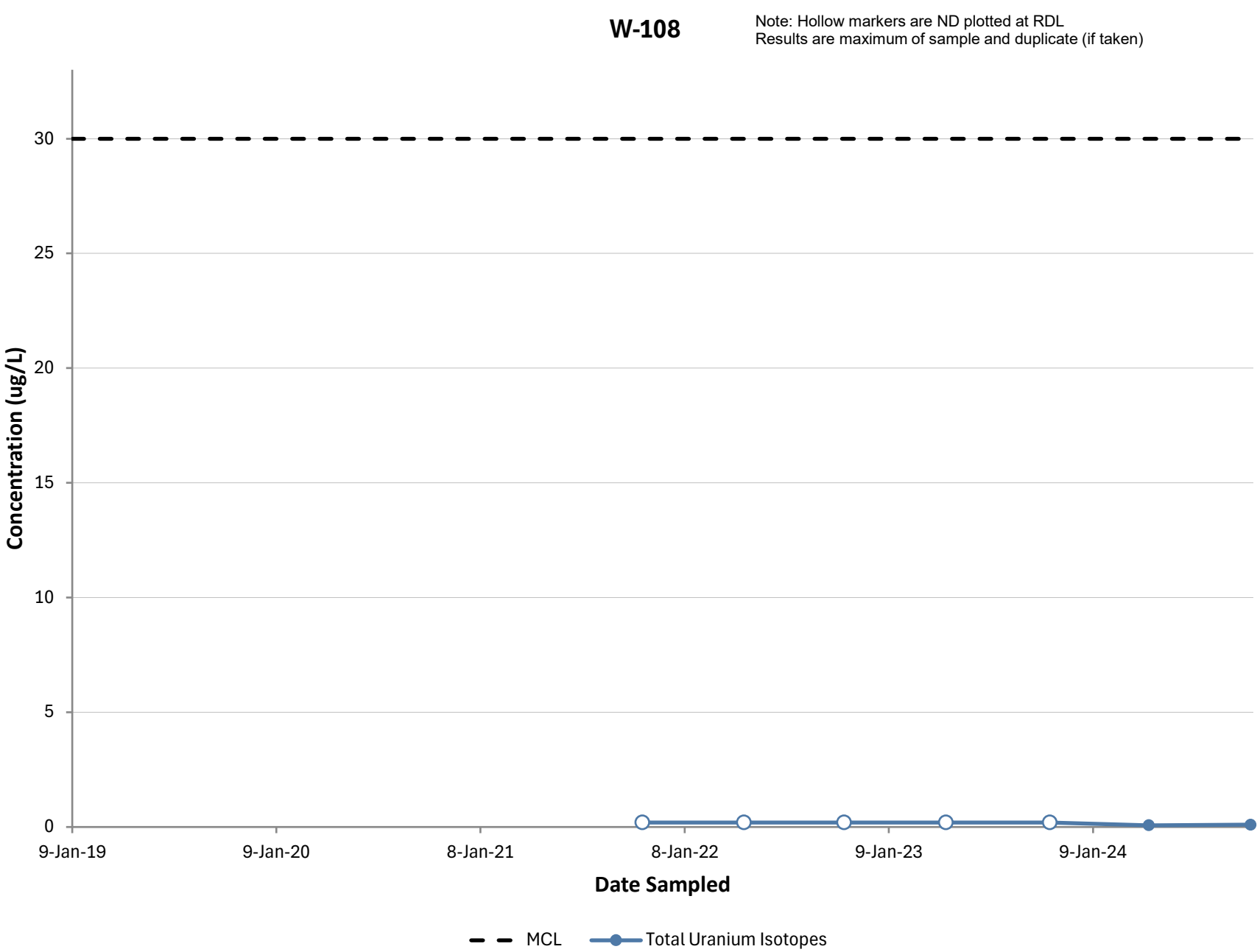

W-103
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

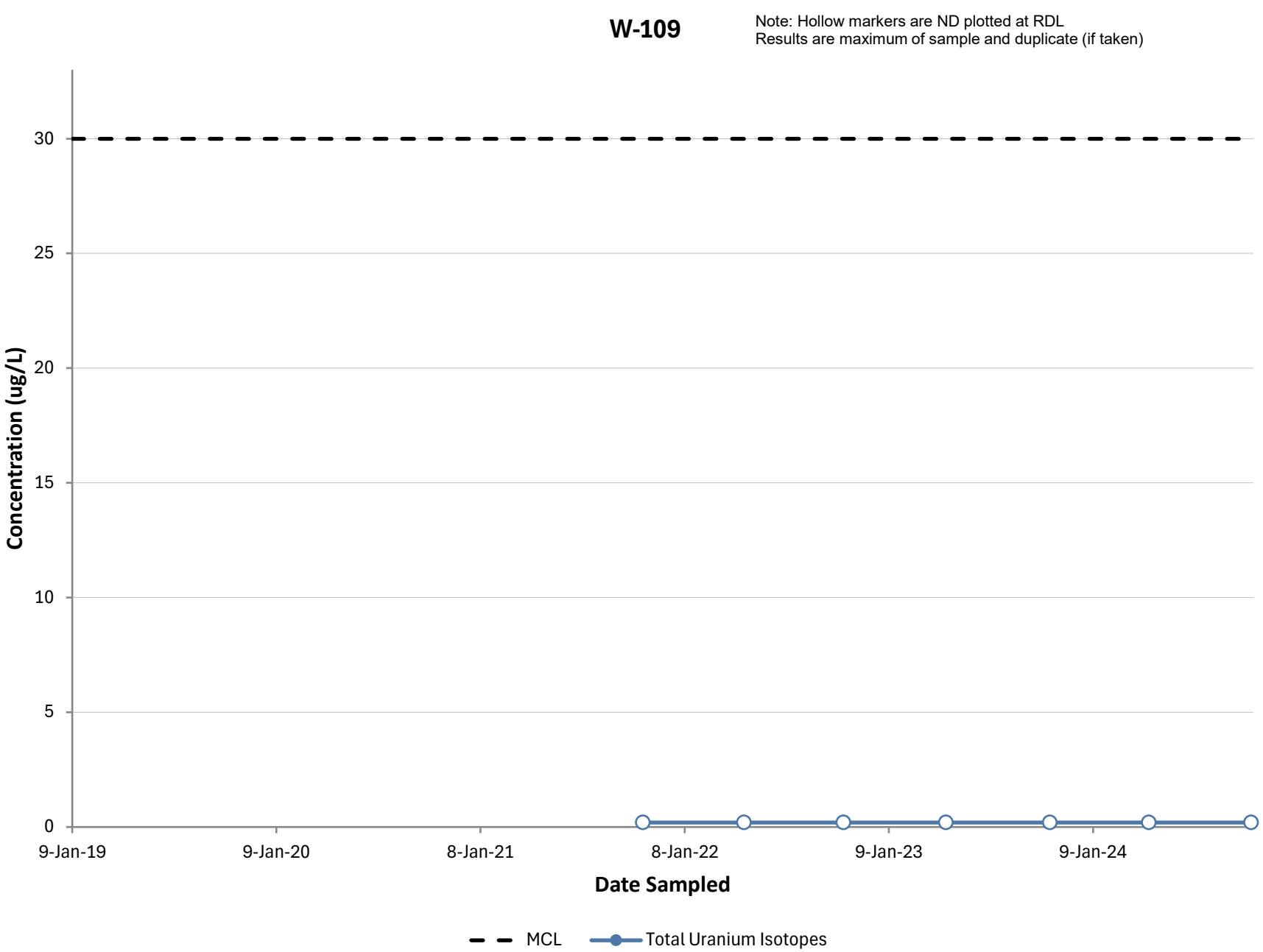

W-104
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

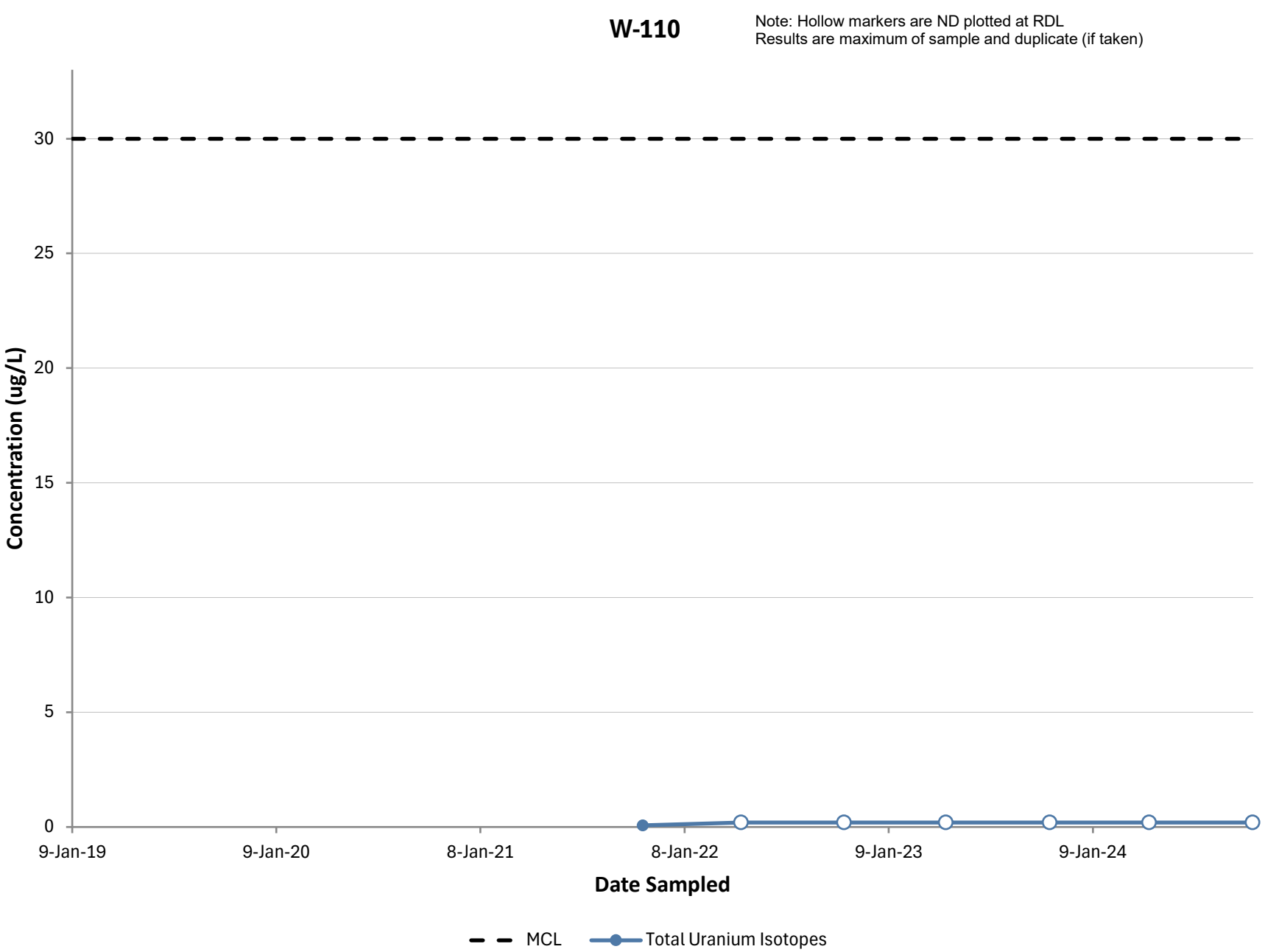

W-105
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

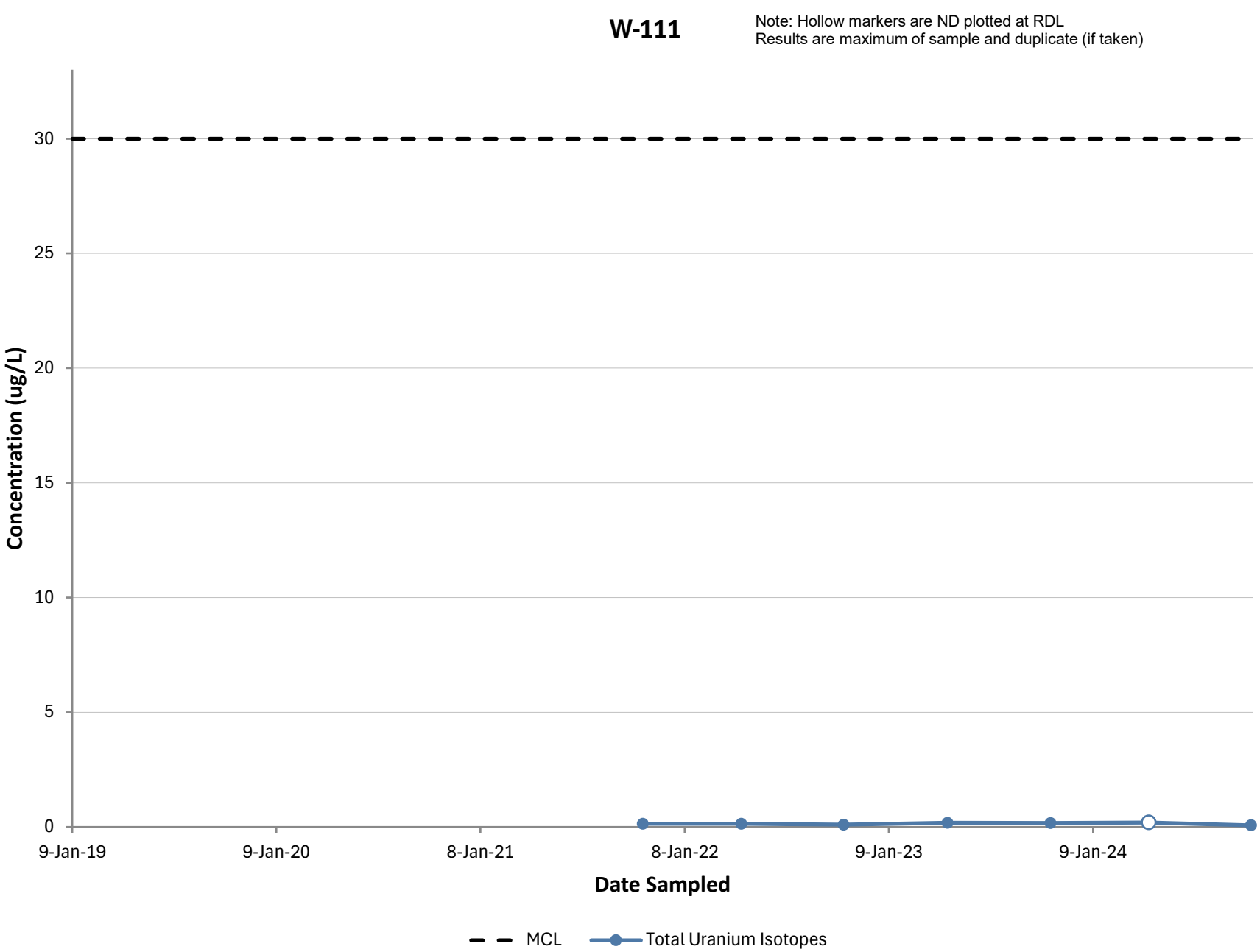

W-106
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-107
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-108
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

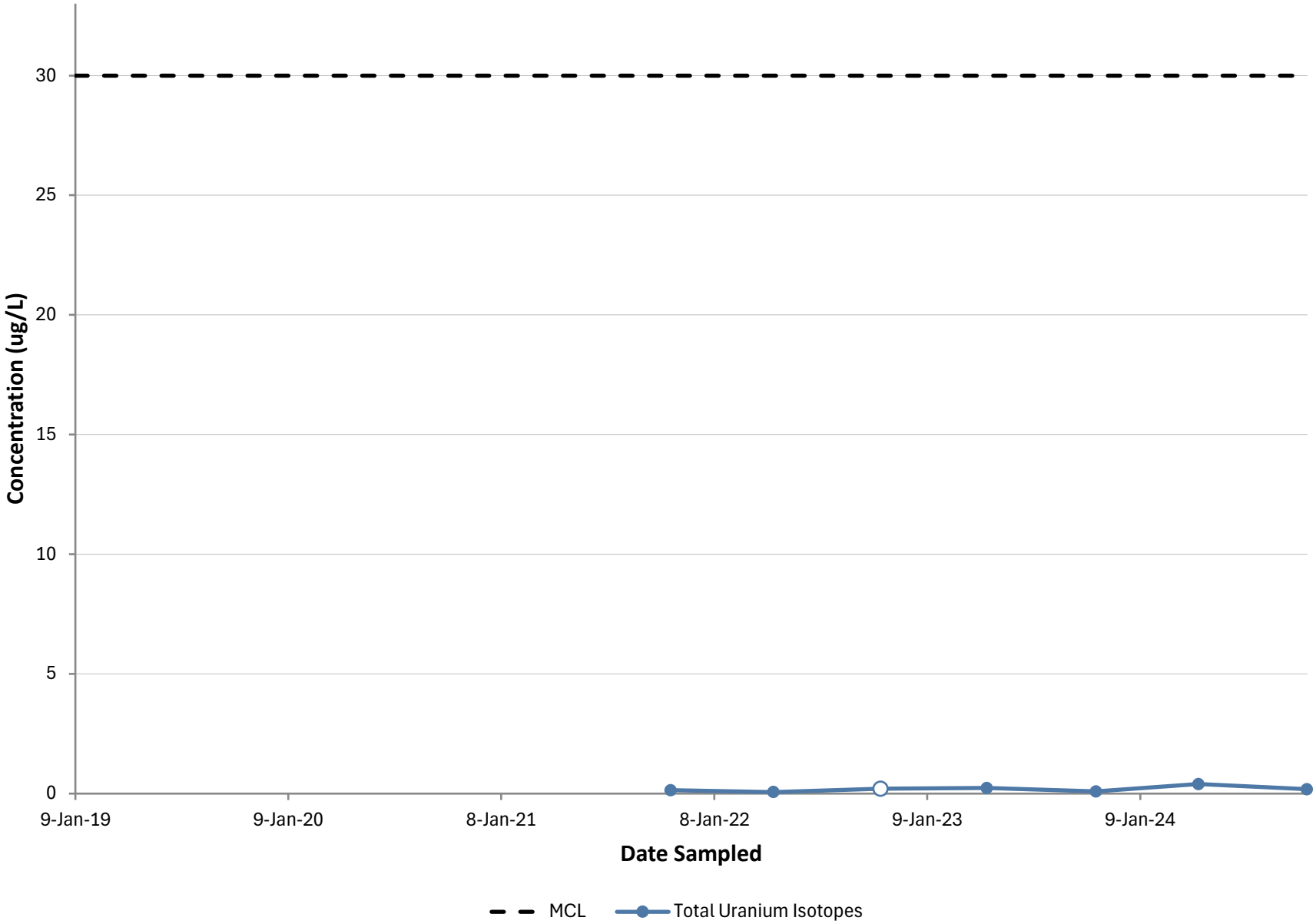

W-109
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

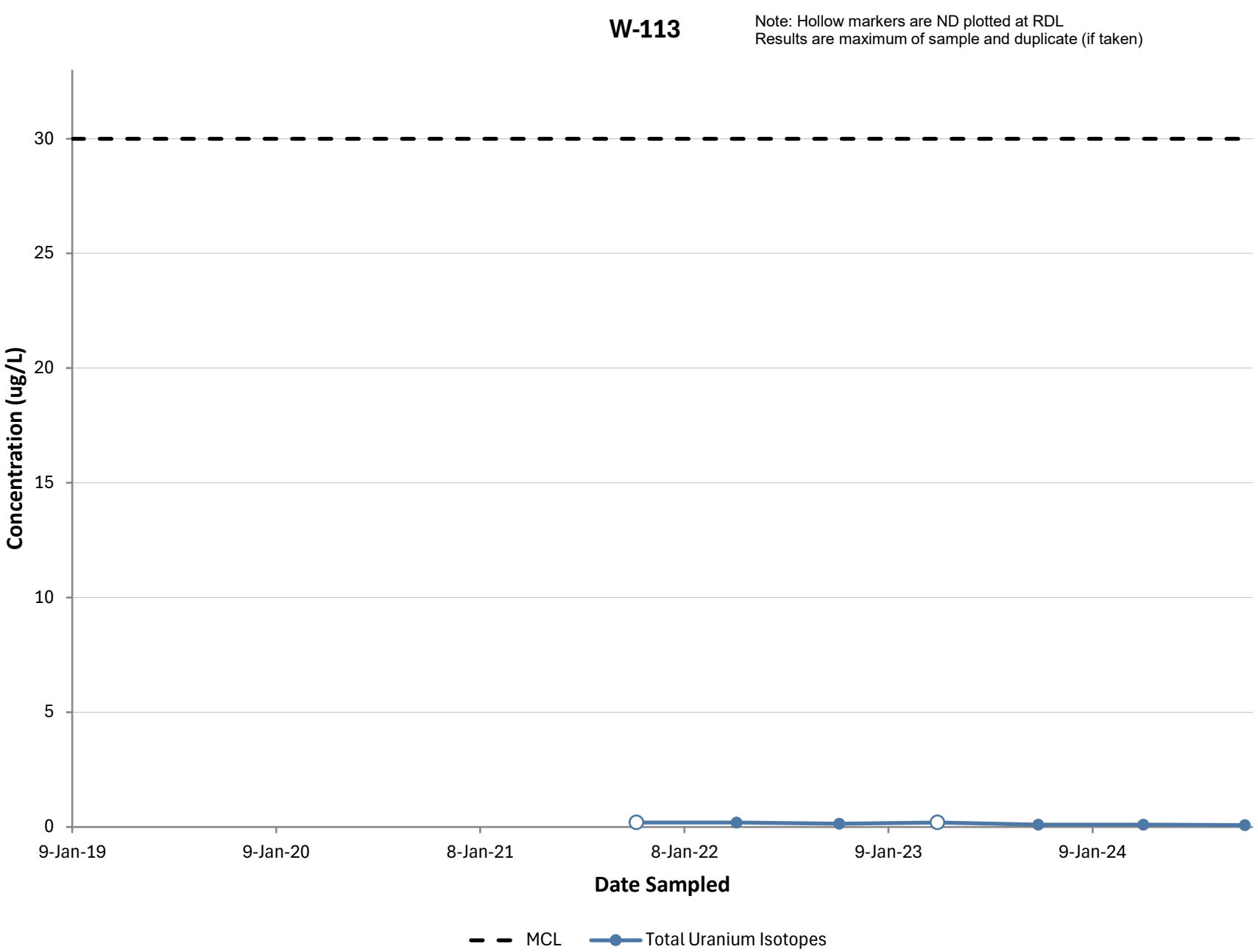

W-110
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

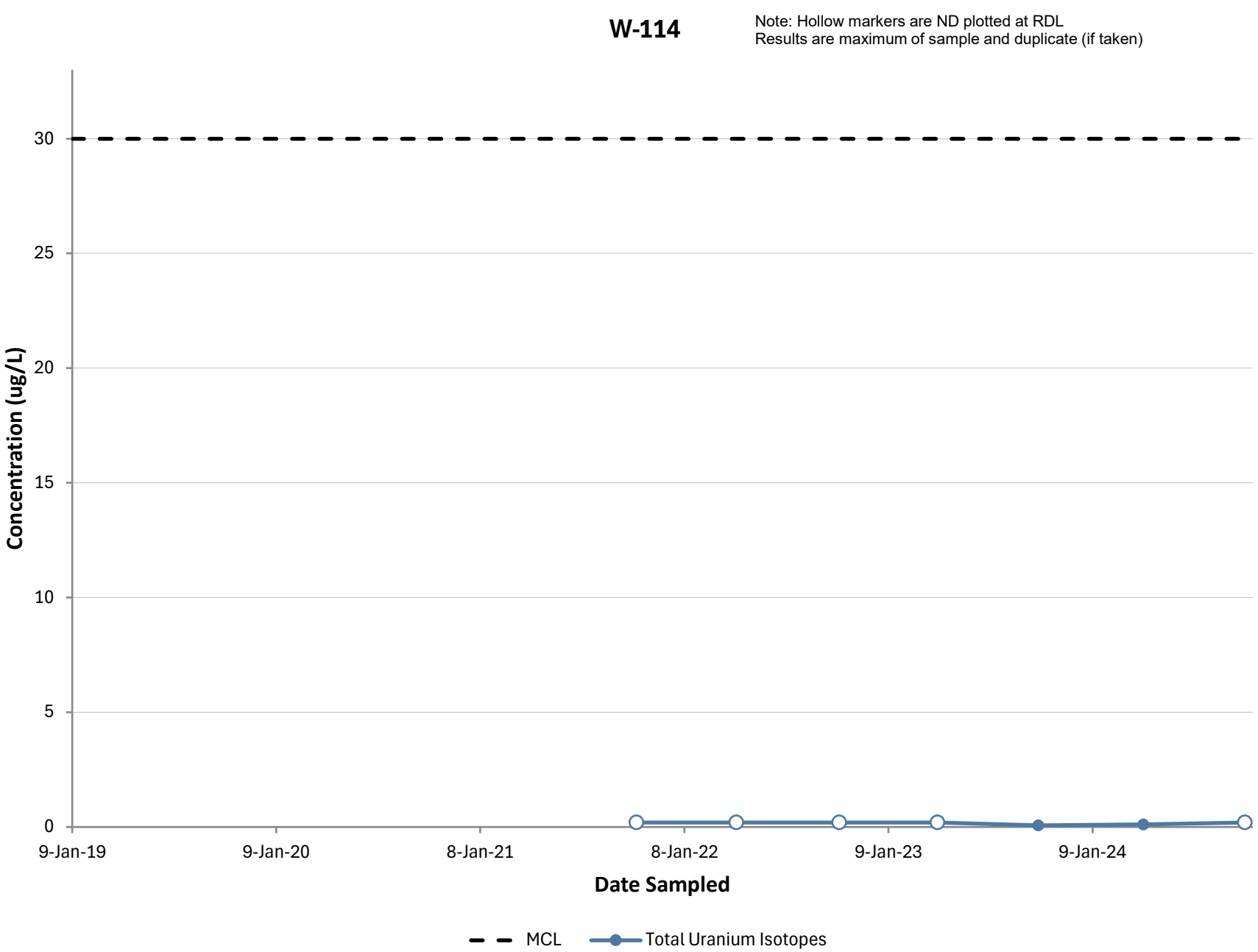

W-111
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

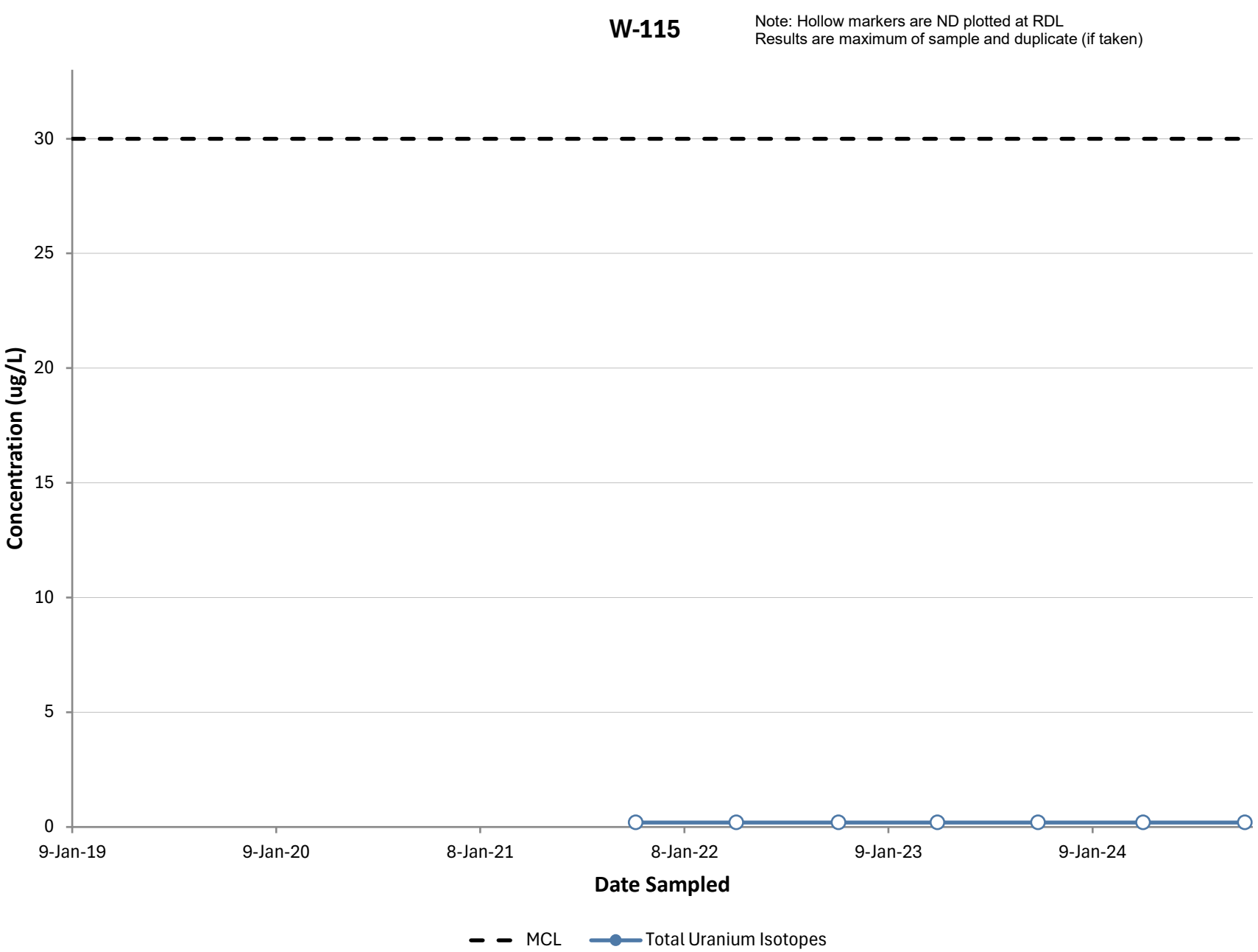
W-112

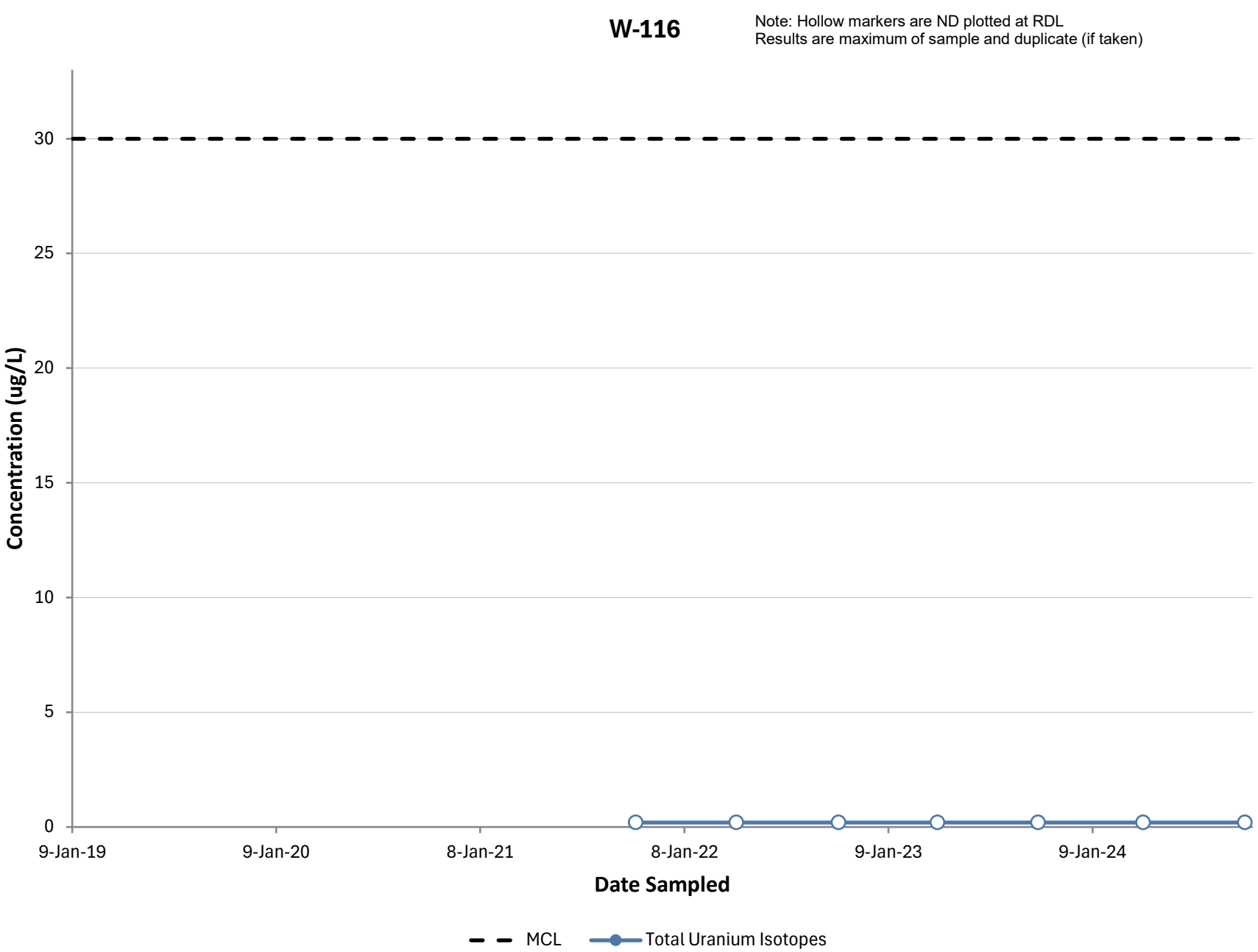
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

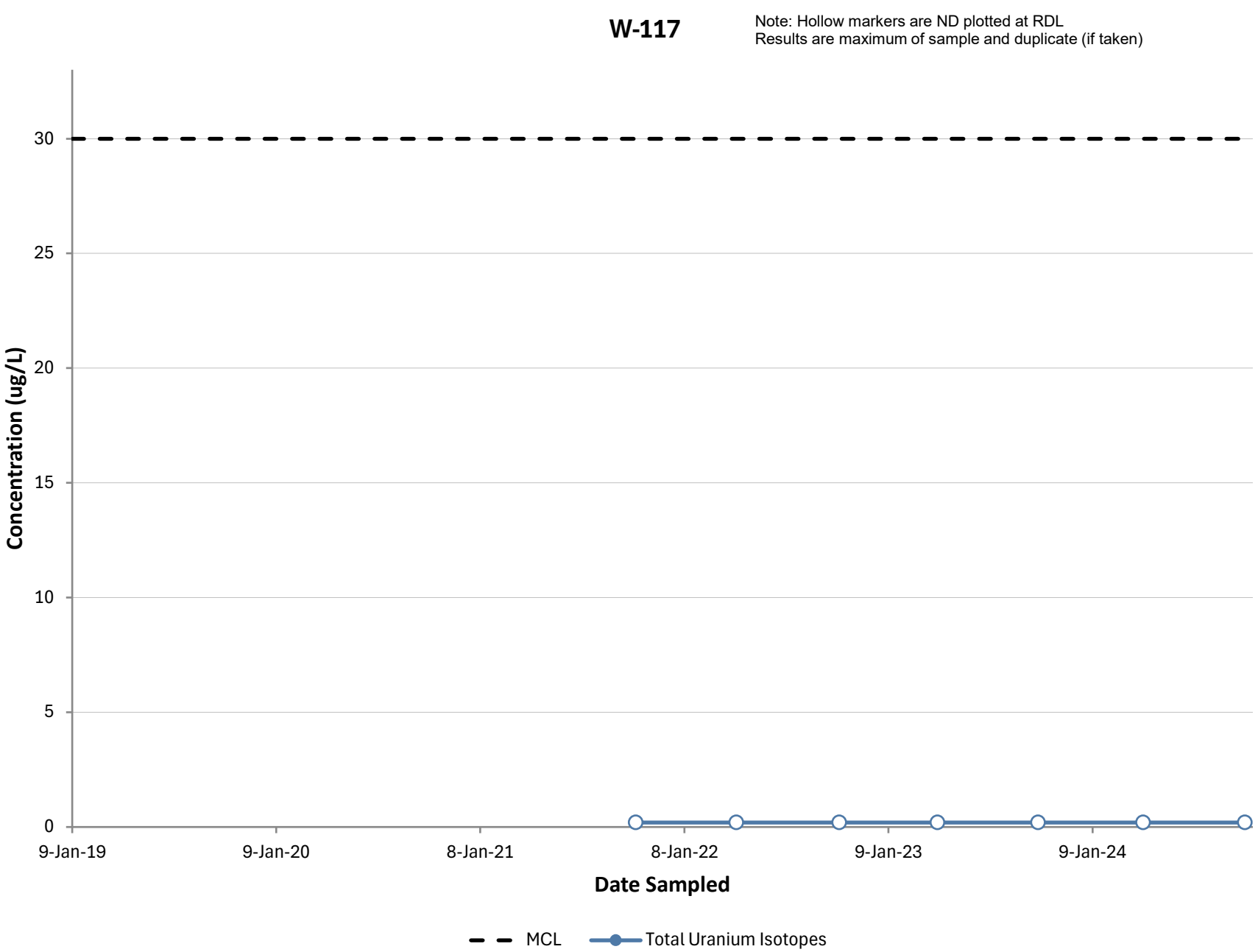


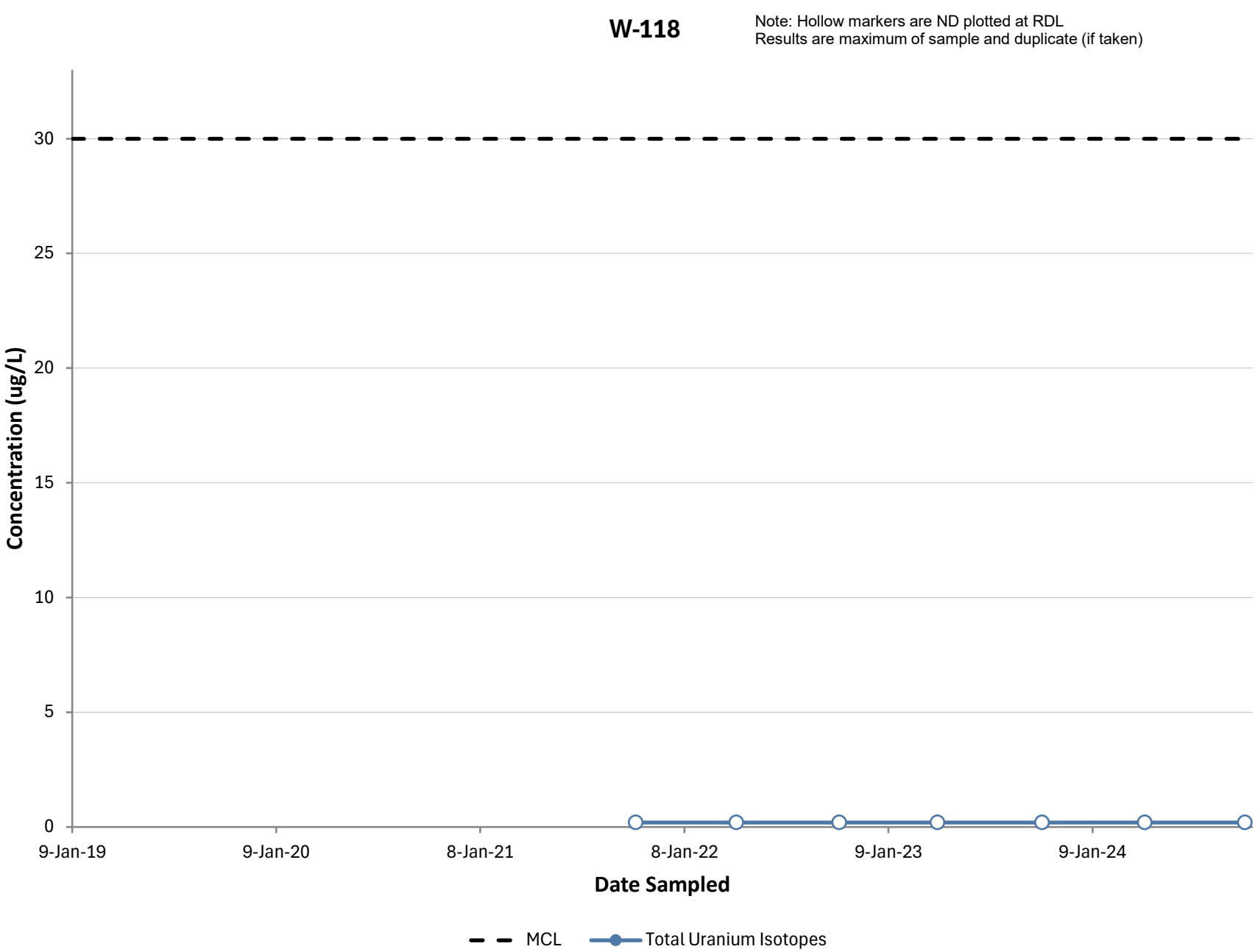

W-113
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

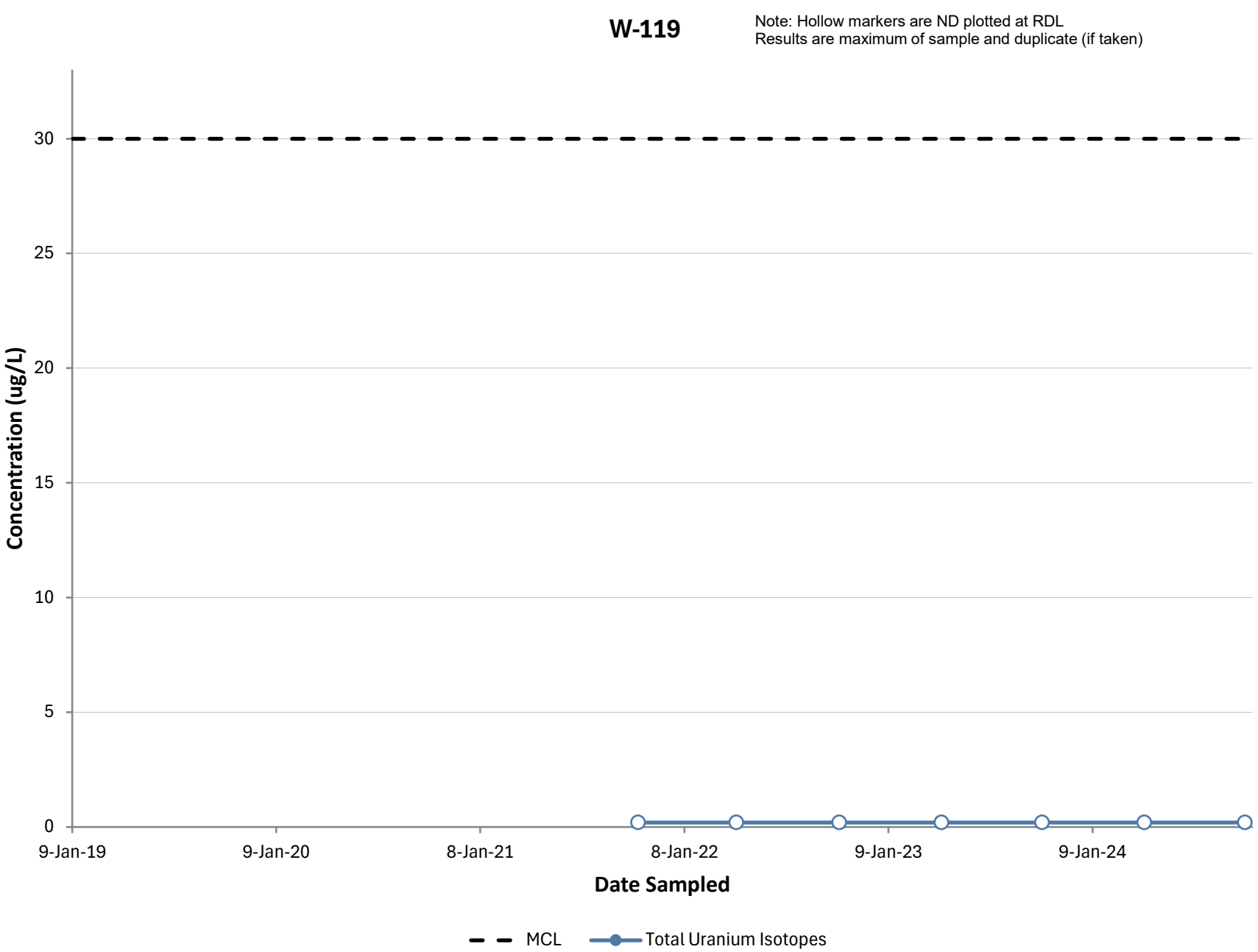

W-114
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

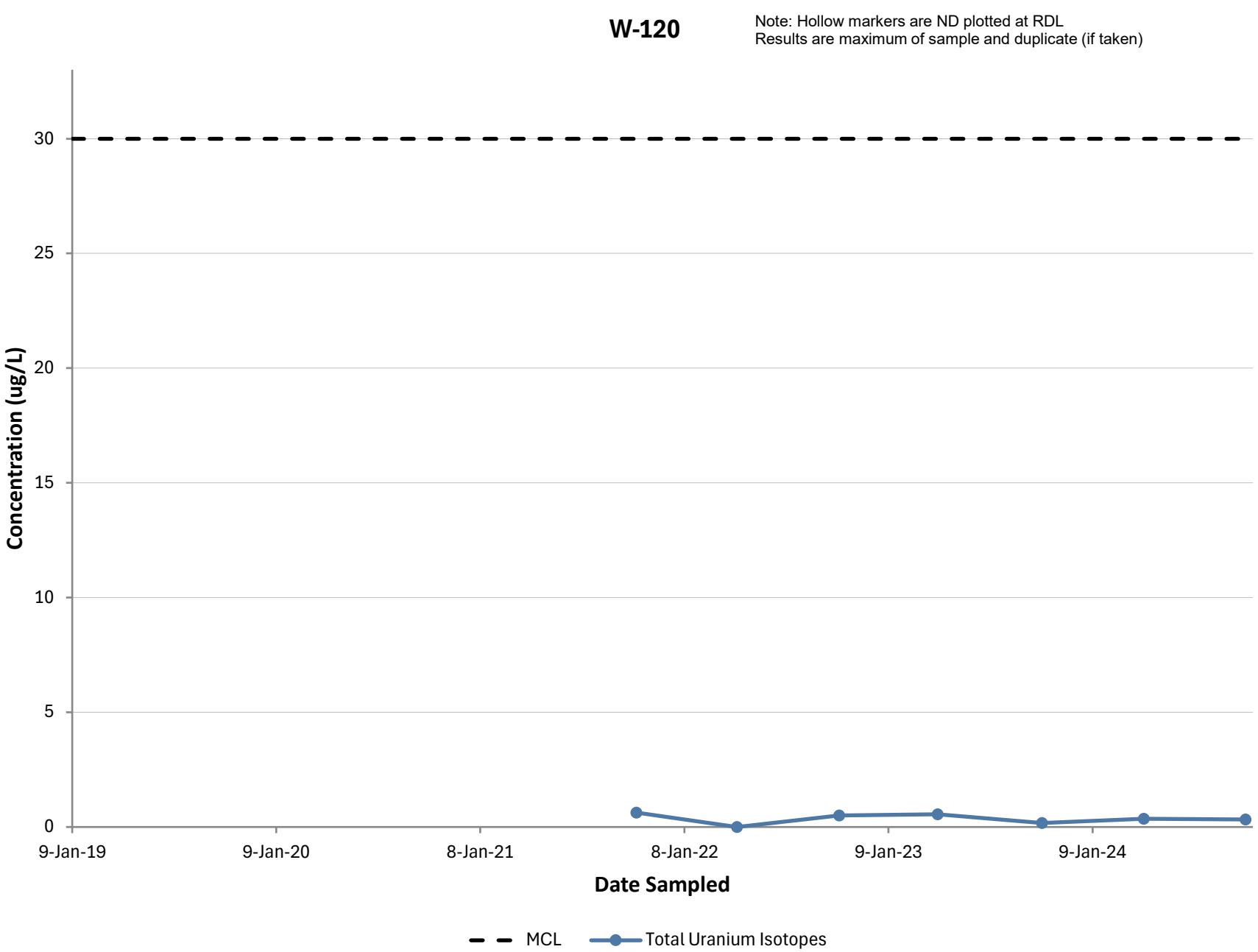

W-115
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

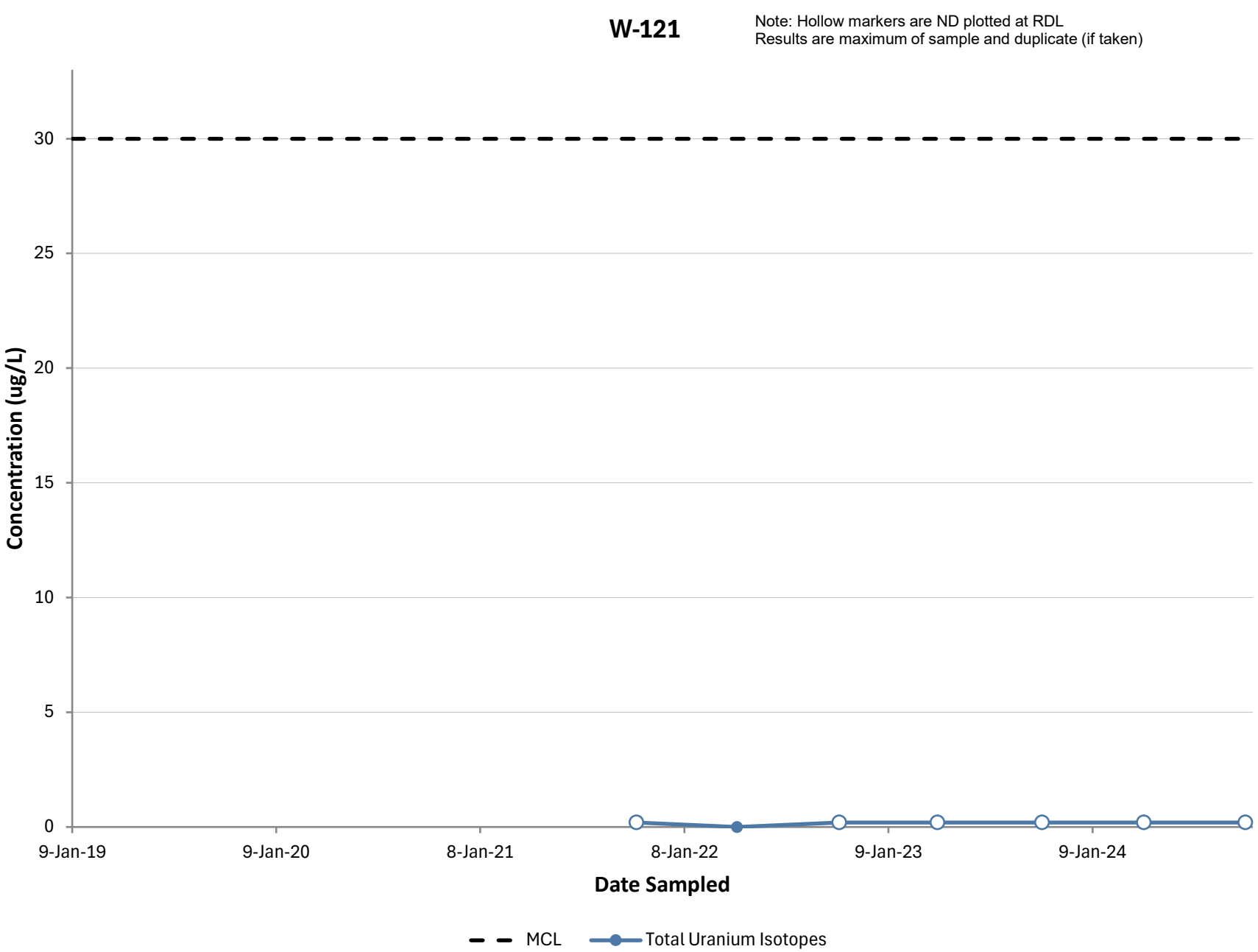

W-116
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

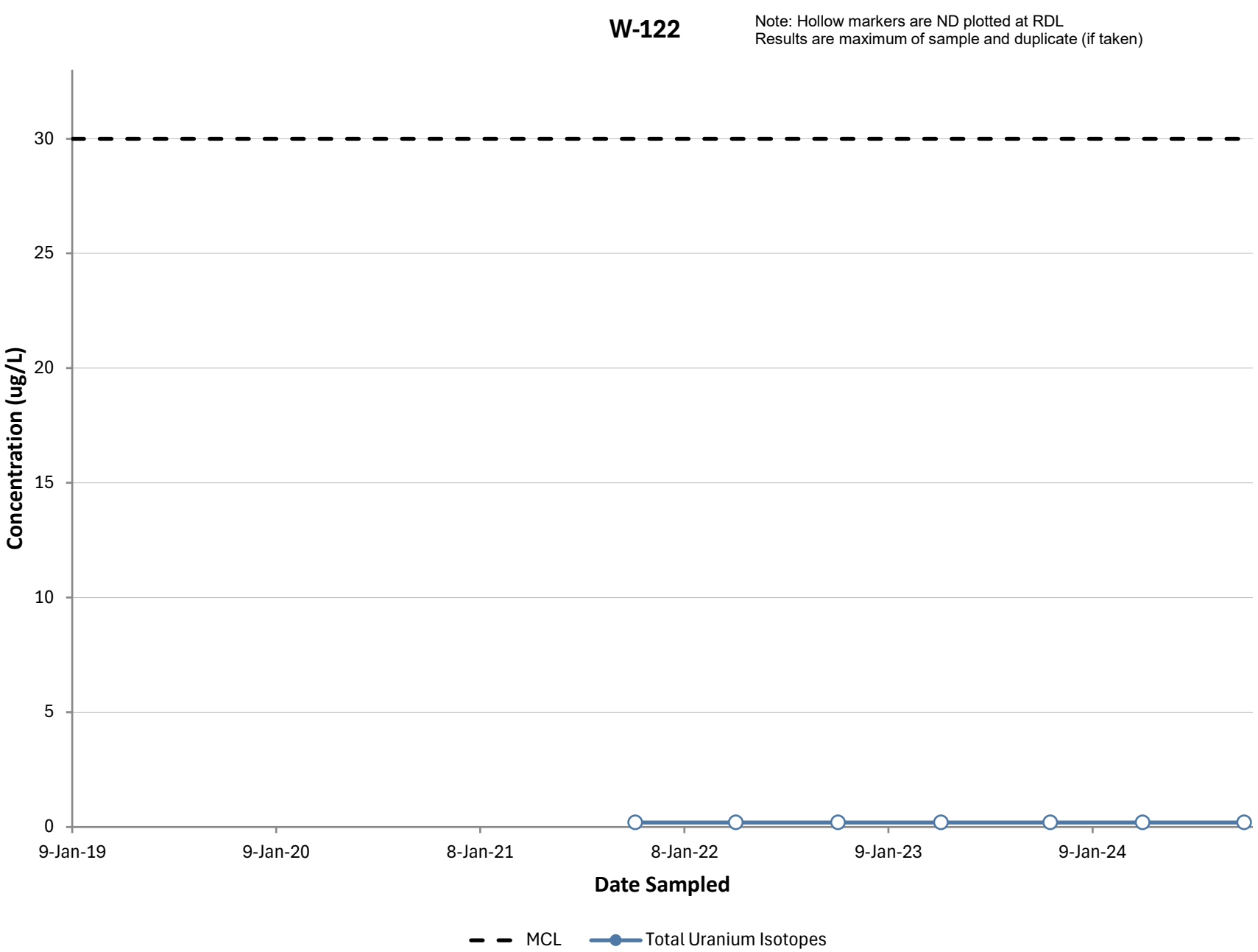

W-117
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

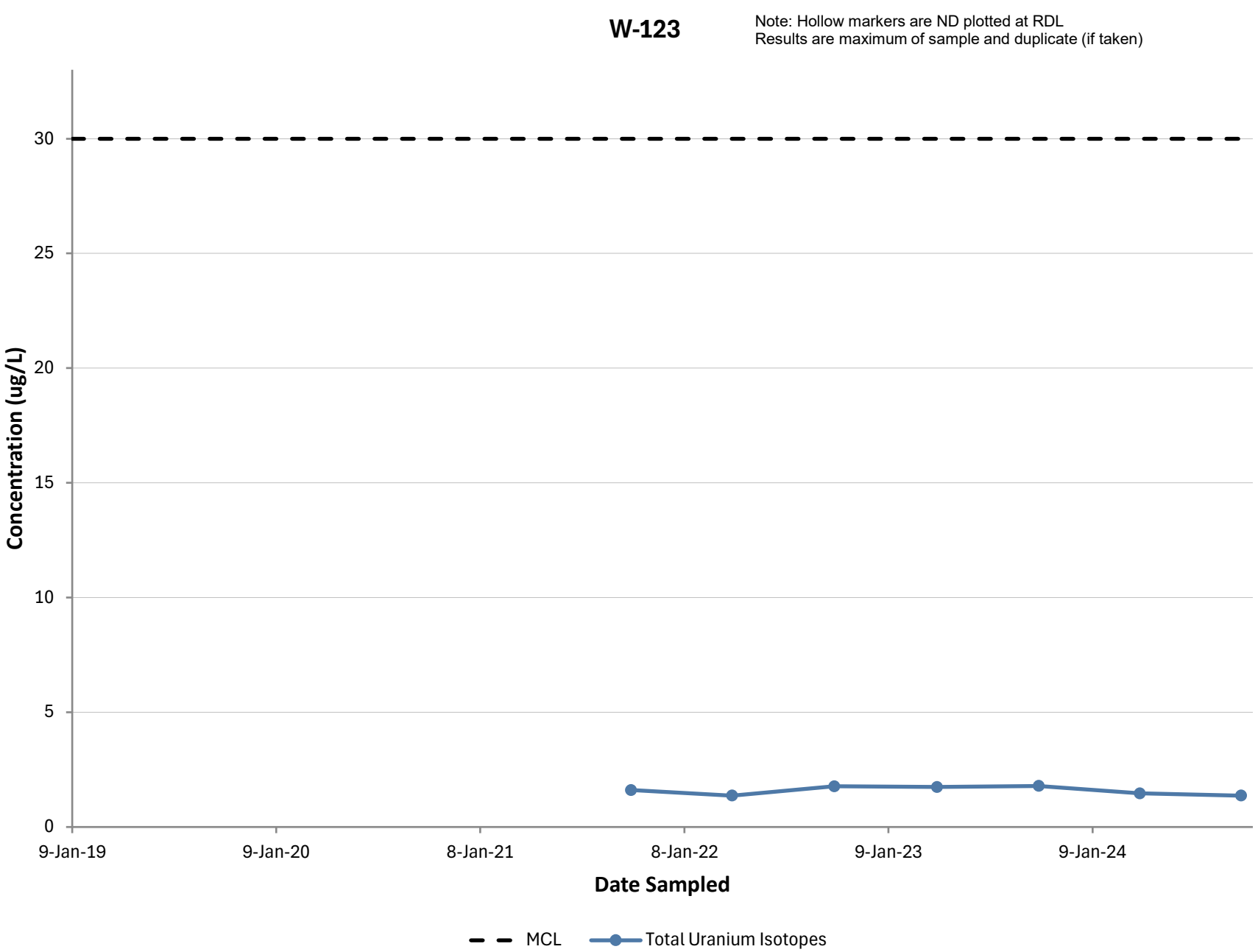

W-118
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

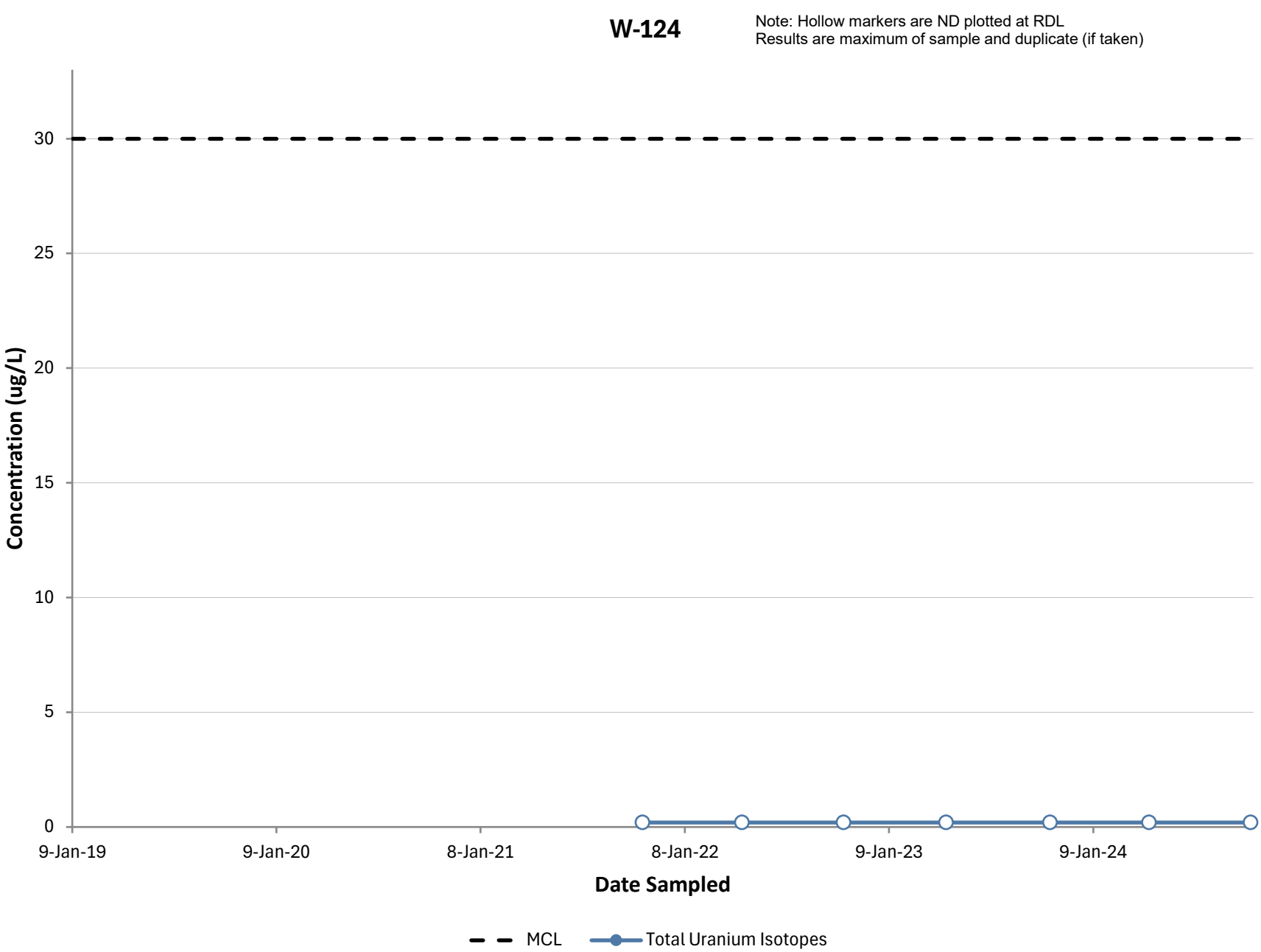

W-119
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

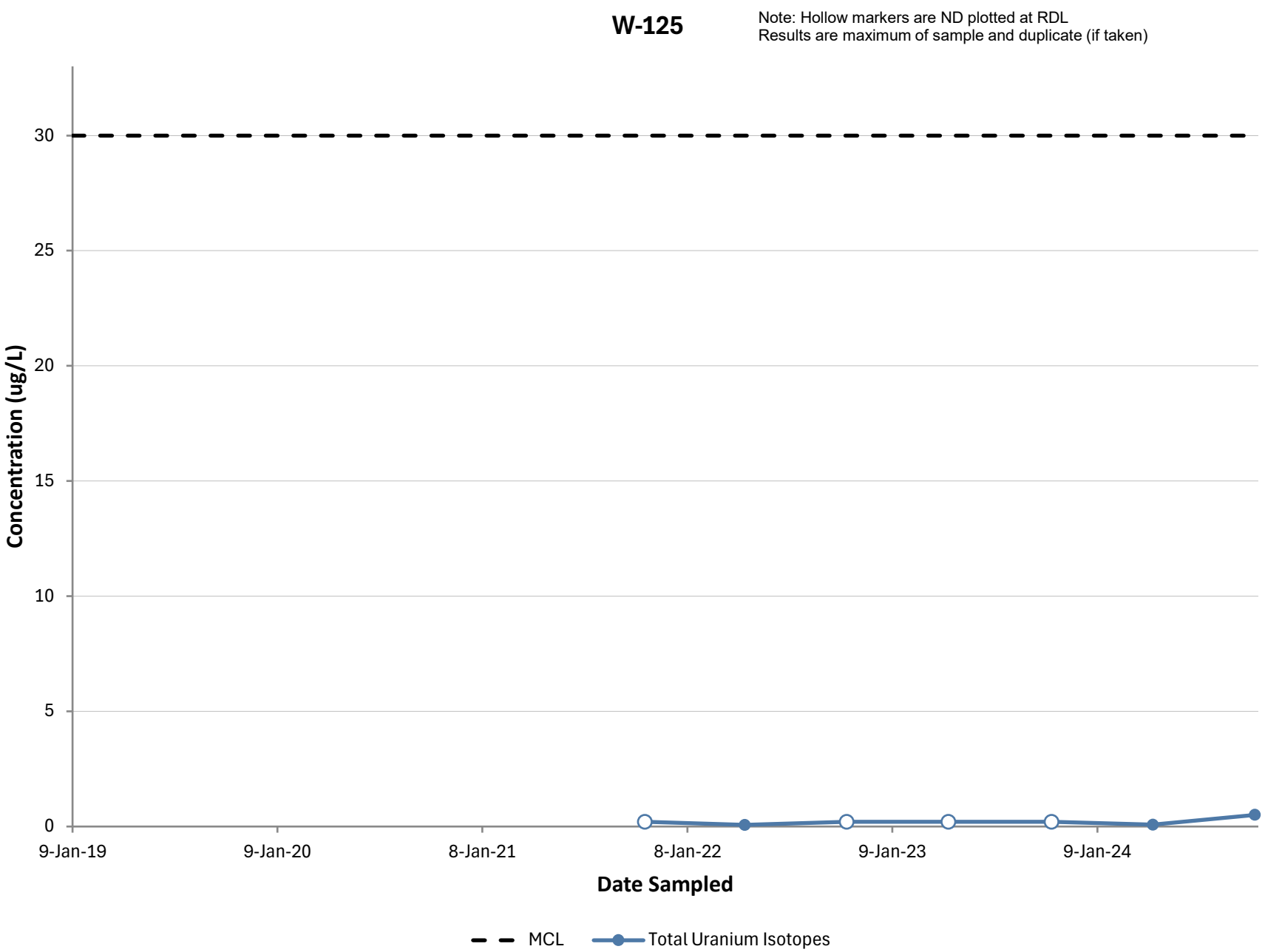

W-120
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

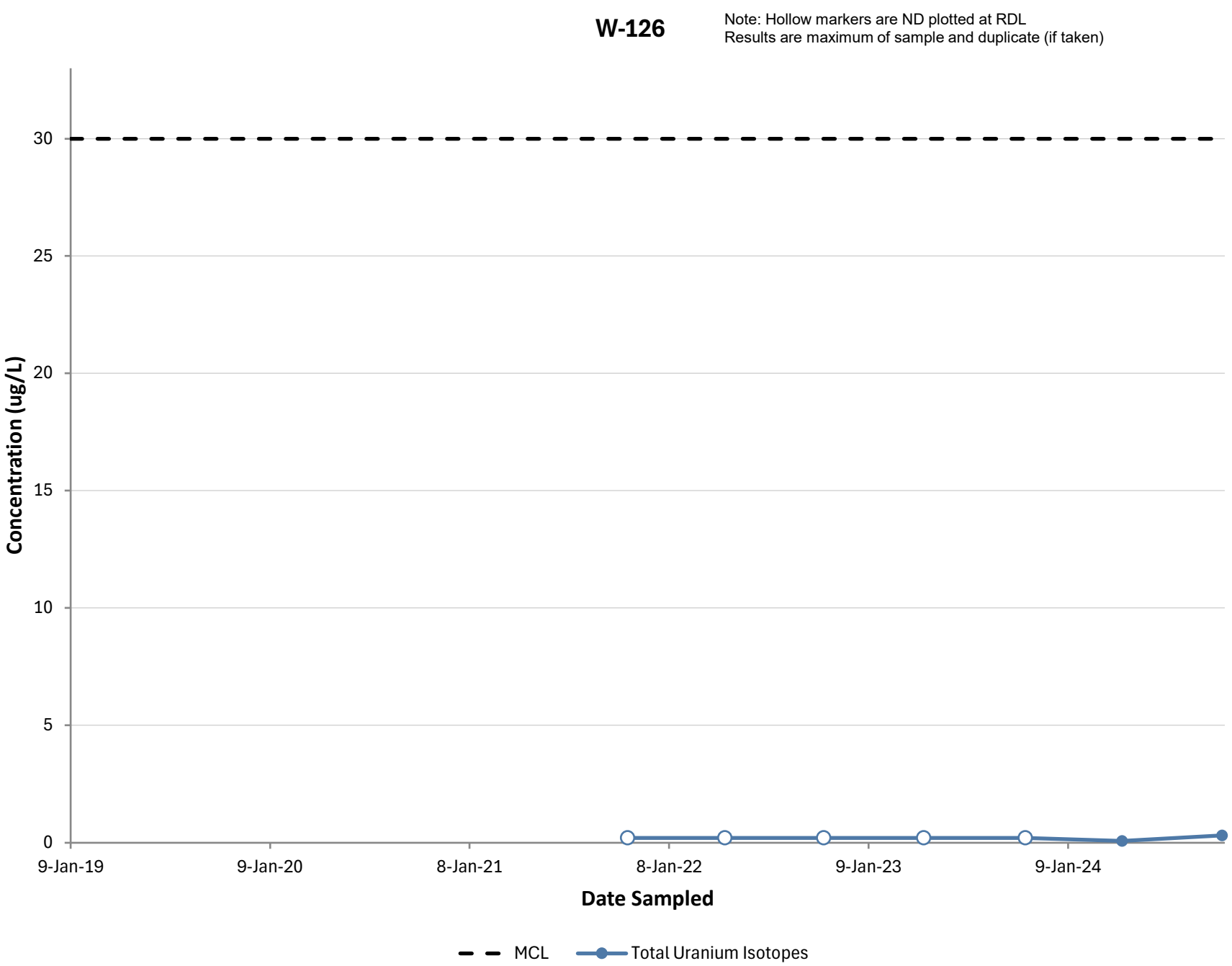

W-121
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

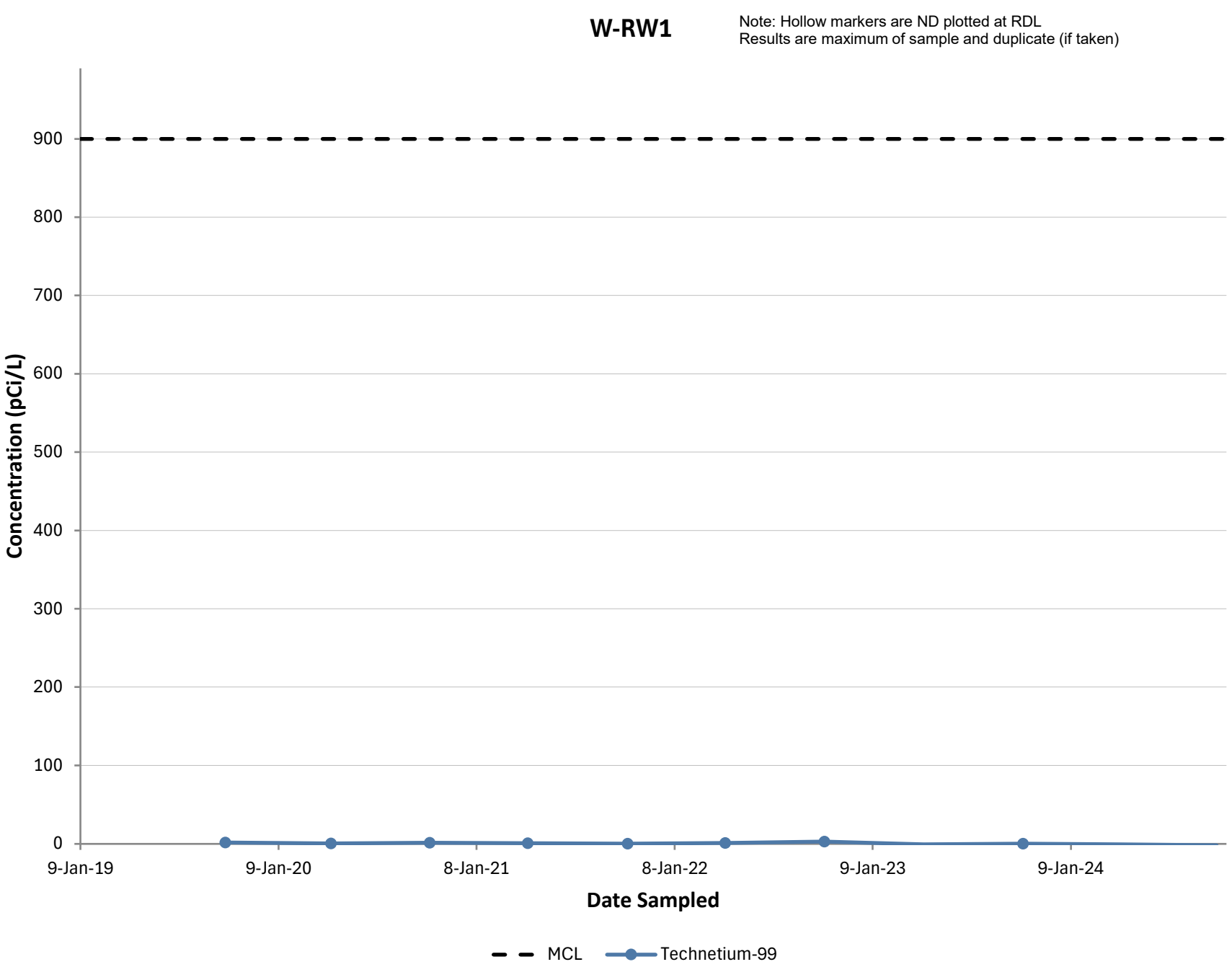

W-122
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

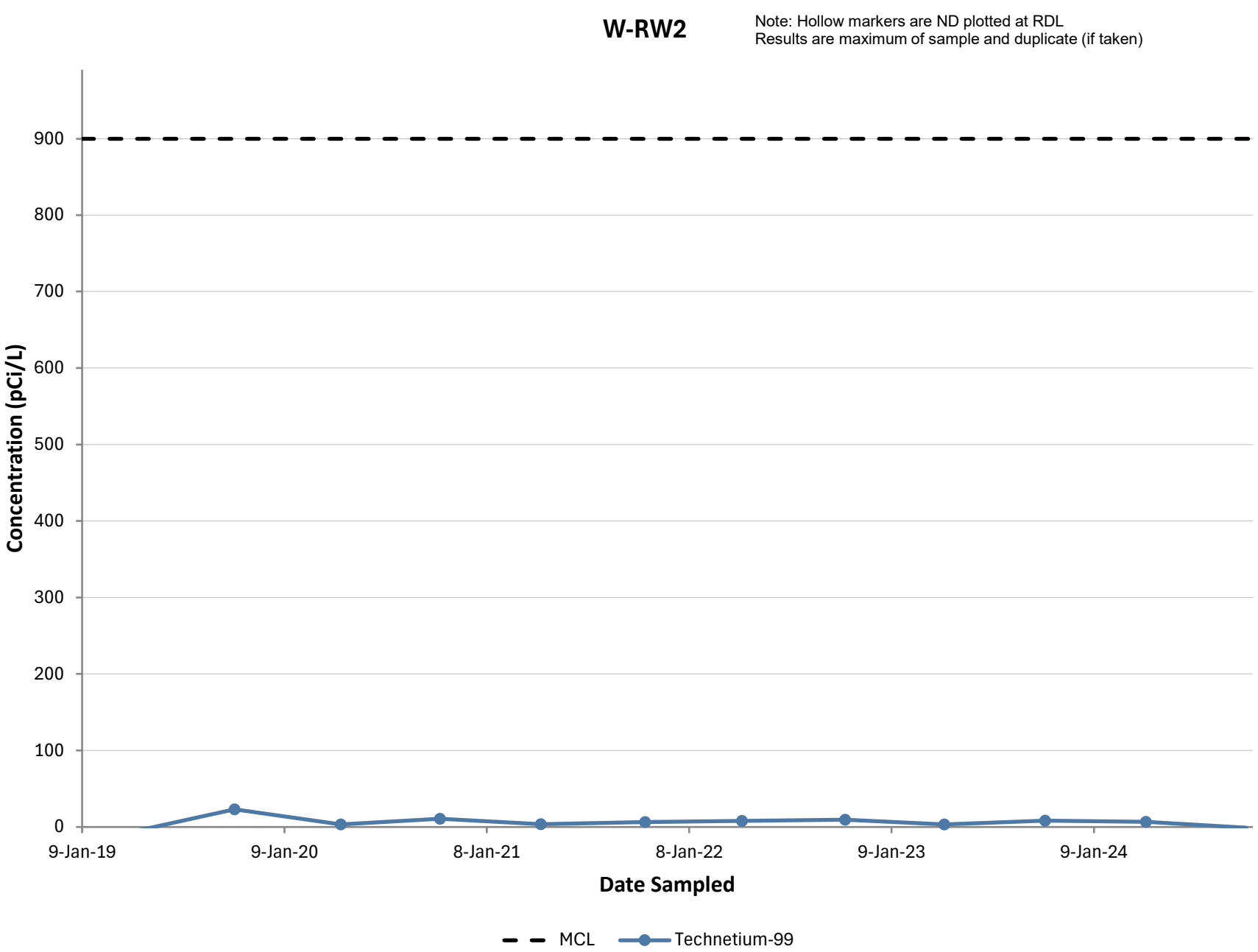

W-123
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-124
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes


W-125
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (ug/L)
30
25
20
15
10
5
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

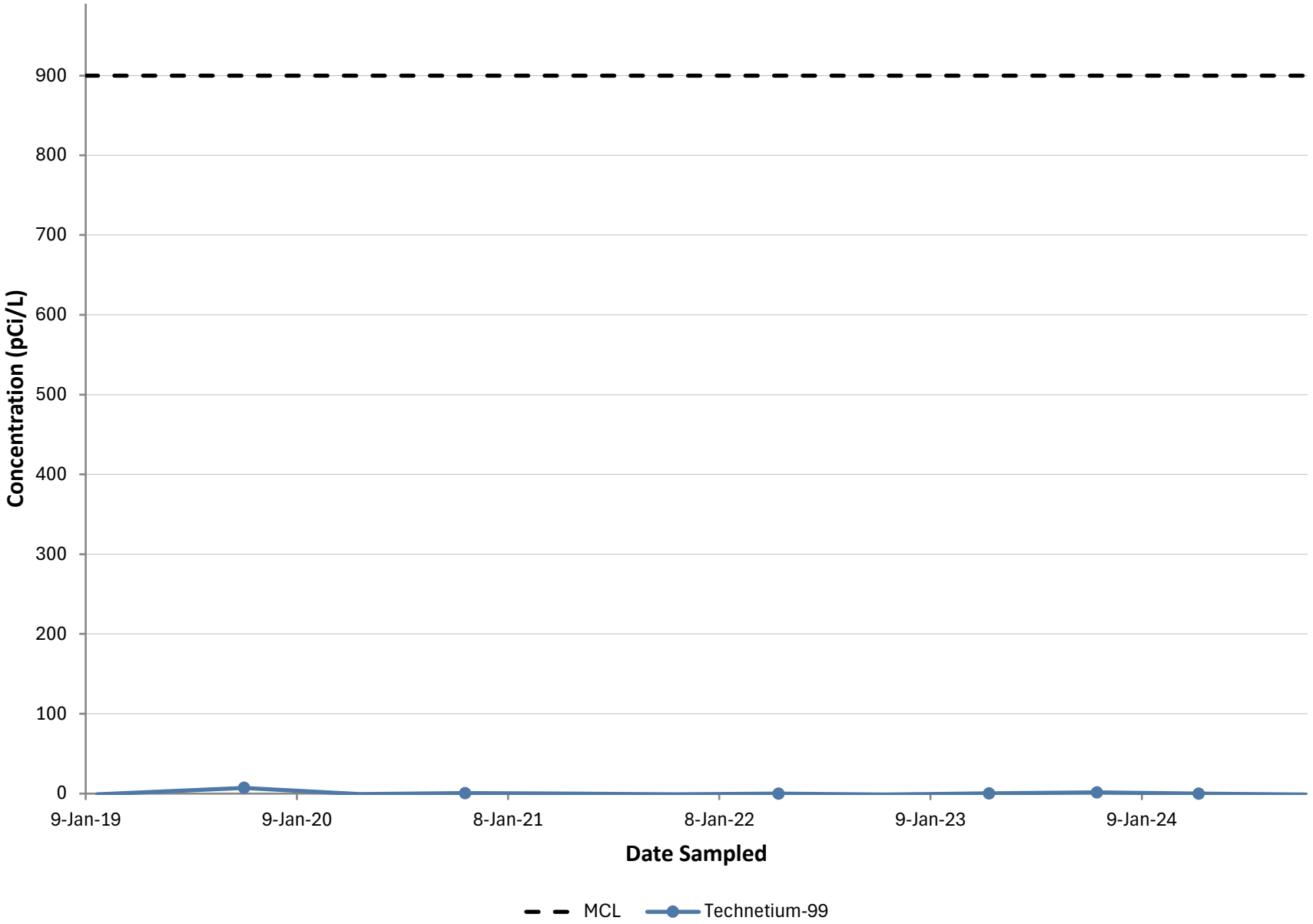

W-126
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
30
25
20
15
10
5
0
Concentration (ug/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Total Uranium Isotopes

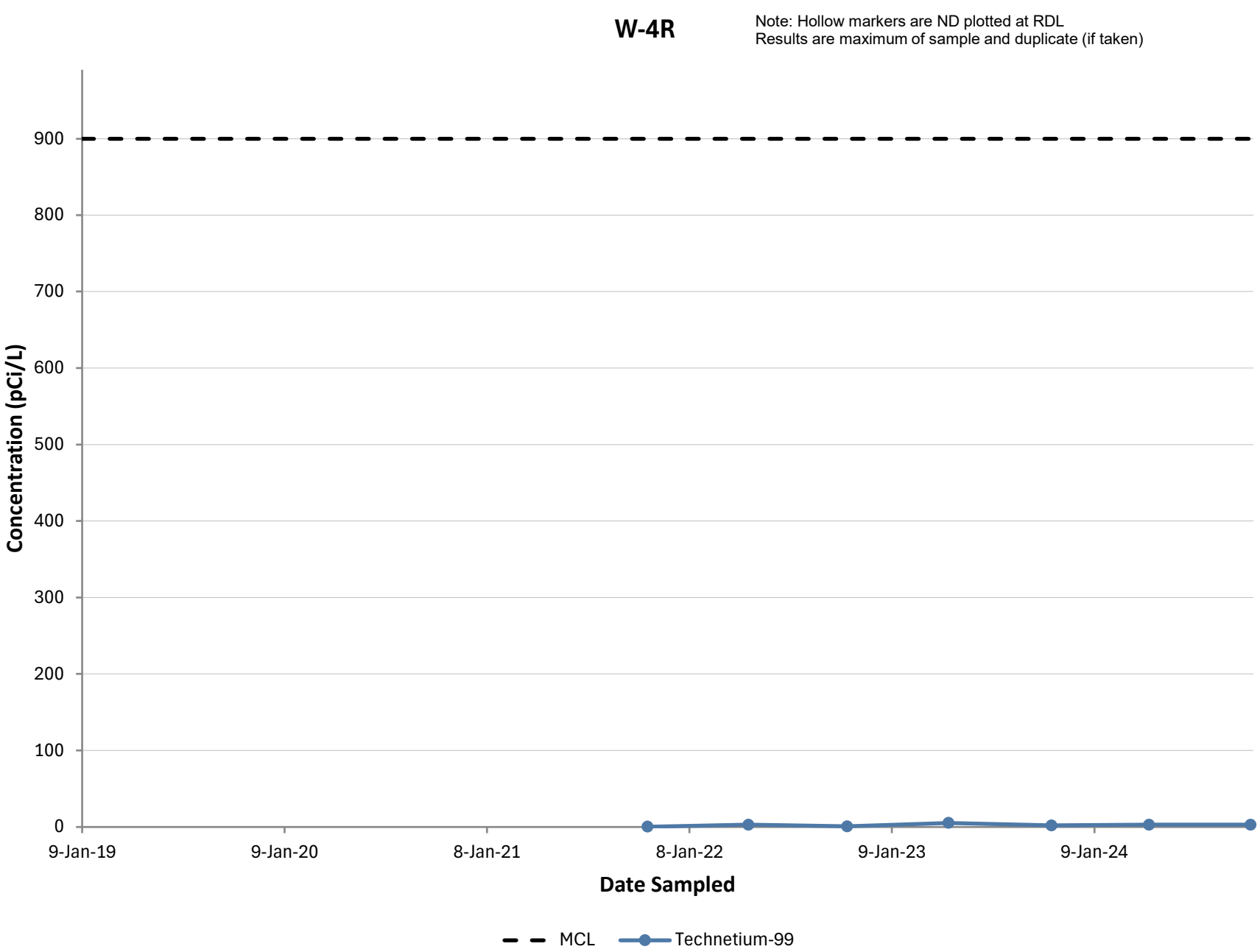

W-RW1
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
900
800
700
600
500
400
300
200
100
0
Concentration (pCi/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Technetium-99

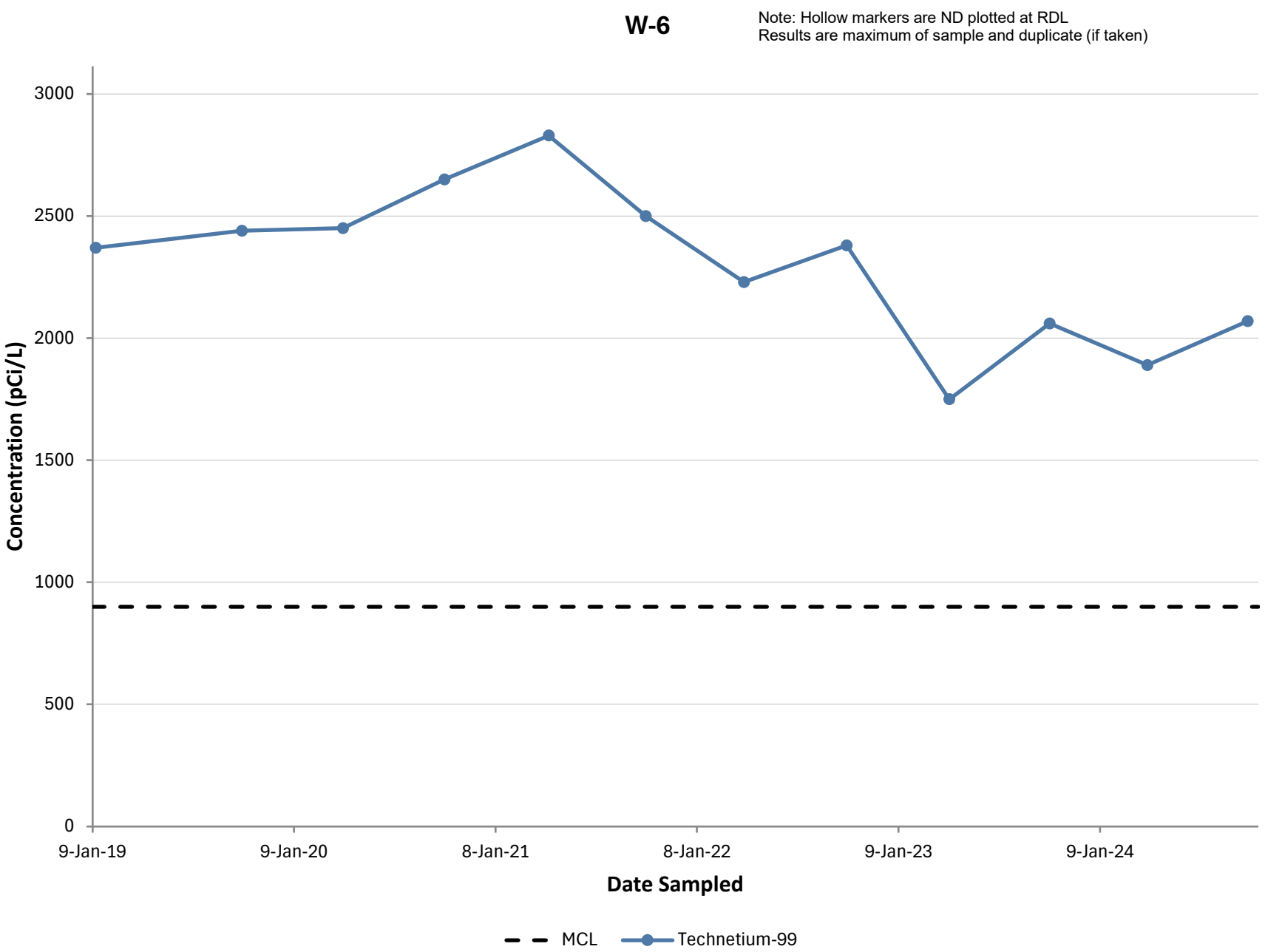

W-RW2
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
900
800
700
600
500
400
300
200
100
0
Concentration (pCi/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Technetium-99

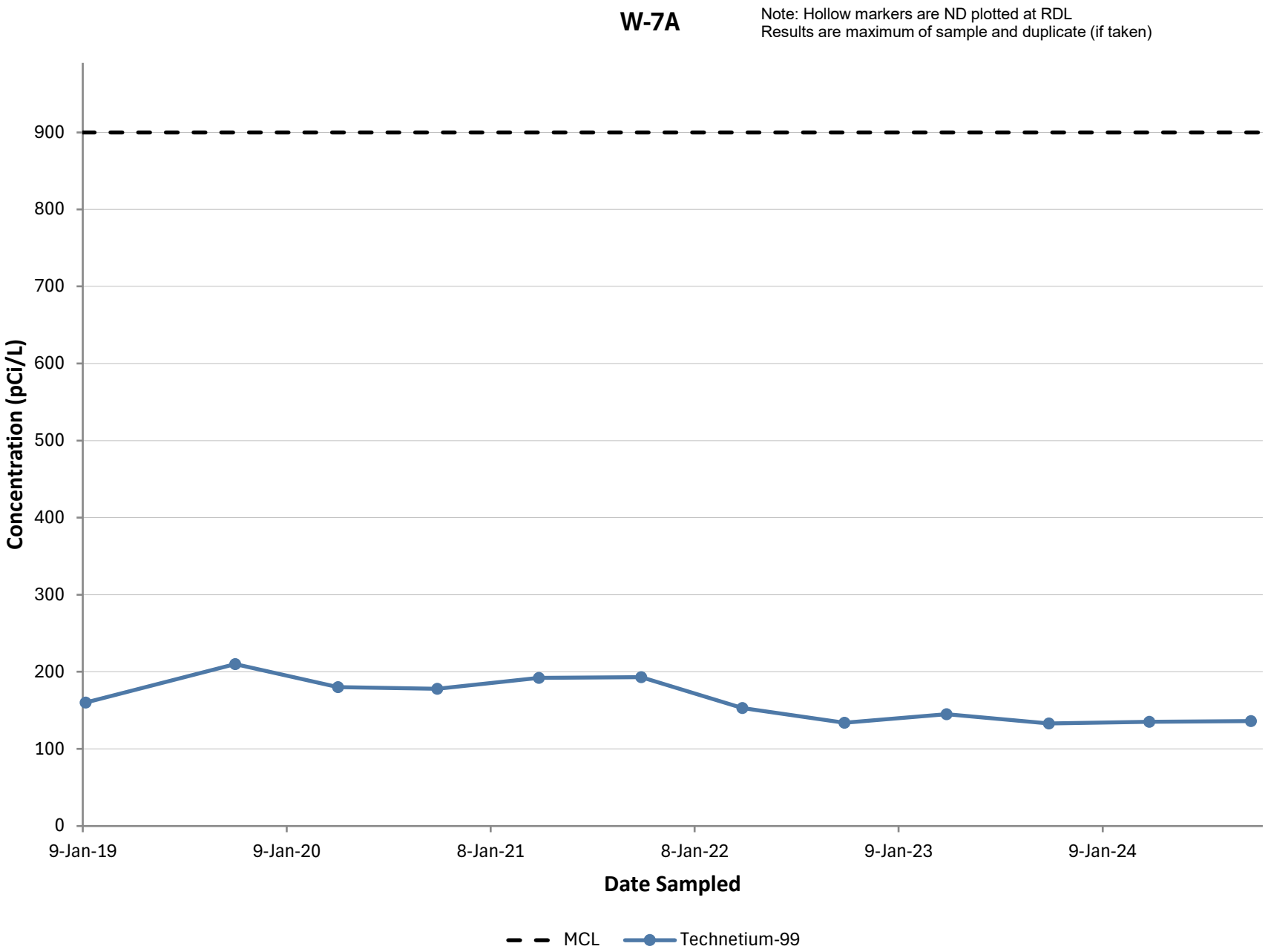
W-3A

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



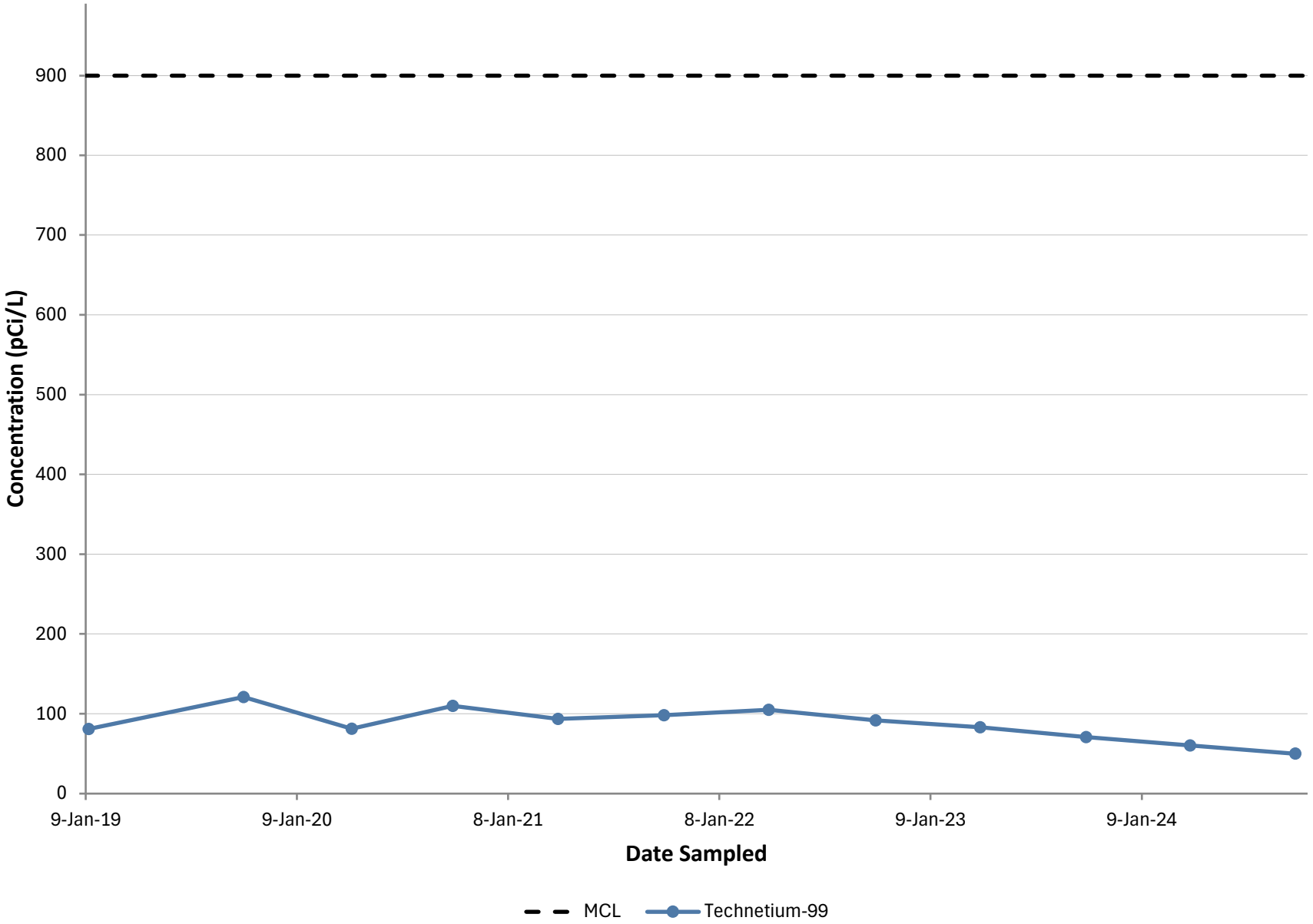

W-4R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
900
800
700
600
500
400
300
200
100
0
Concentration (pCi/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Technetium-99


W-6
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
3000
2500
2000
1500
1000
500
0
Concentration (pCi/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Technetium-99


W-7A
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
900
800
700
600
500
400
300
200
100
0
Concentration (pCi/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Technetium-99

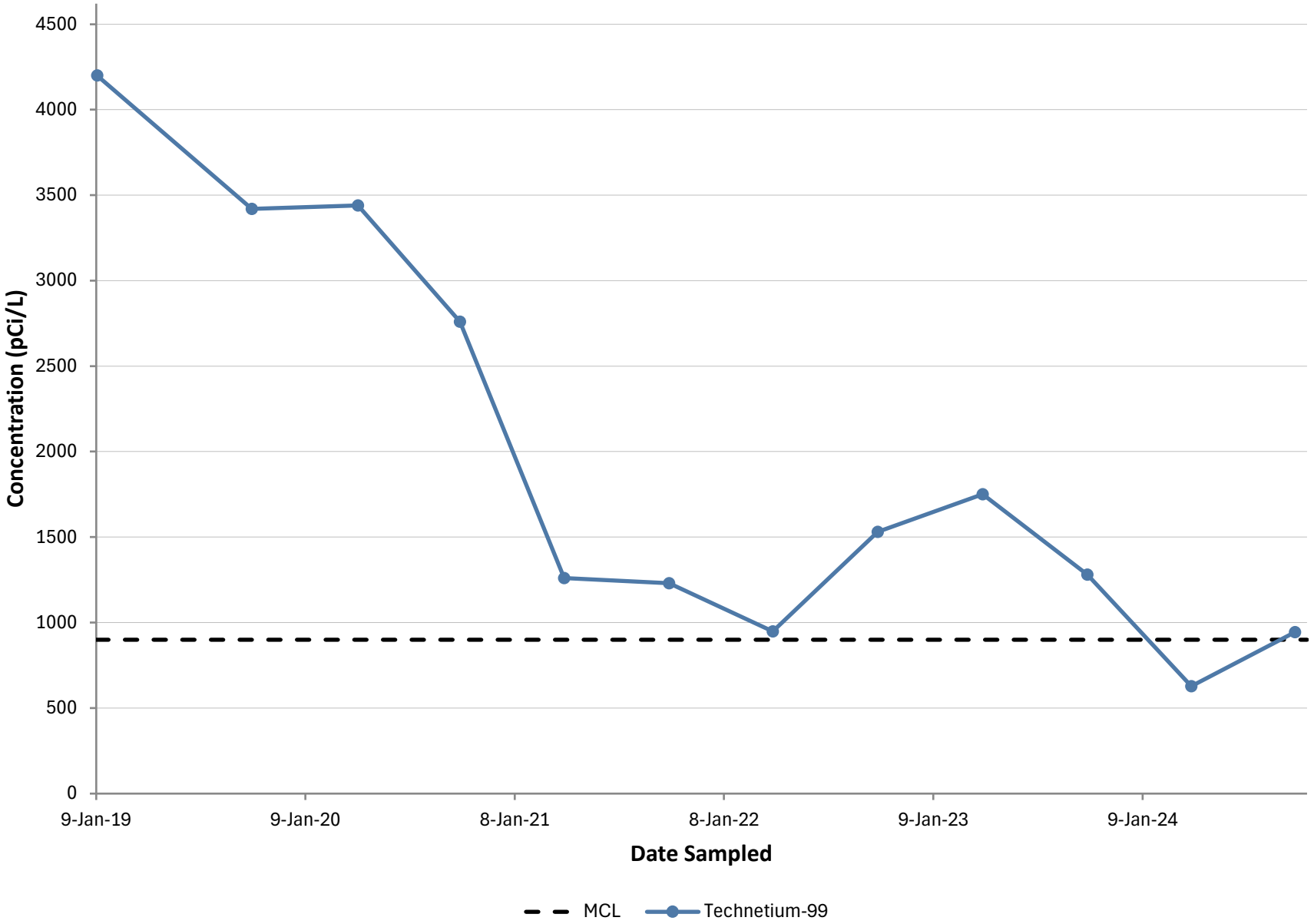
W-10

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



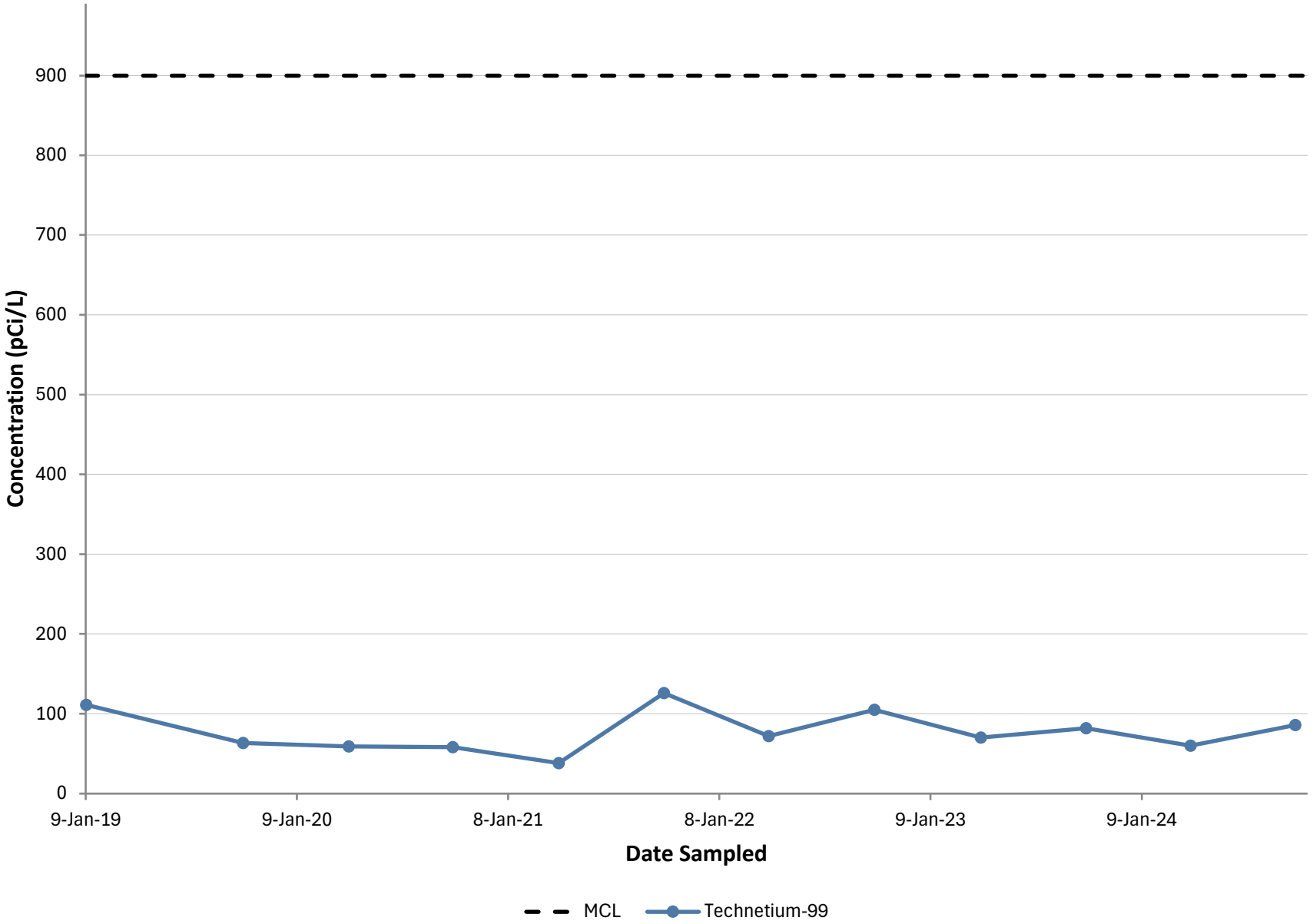
W-11

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



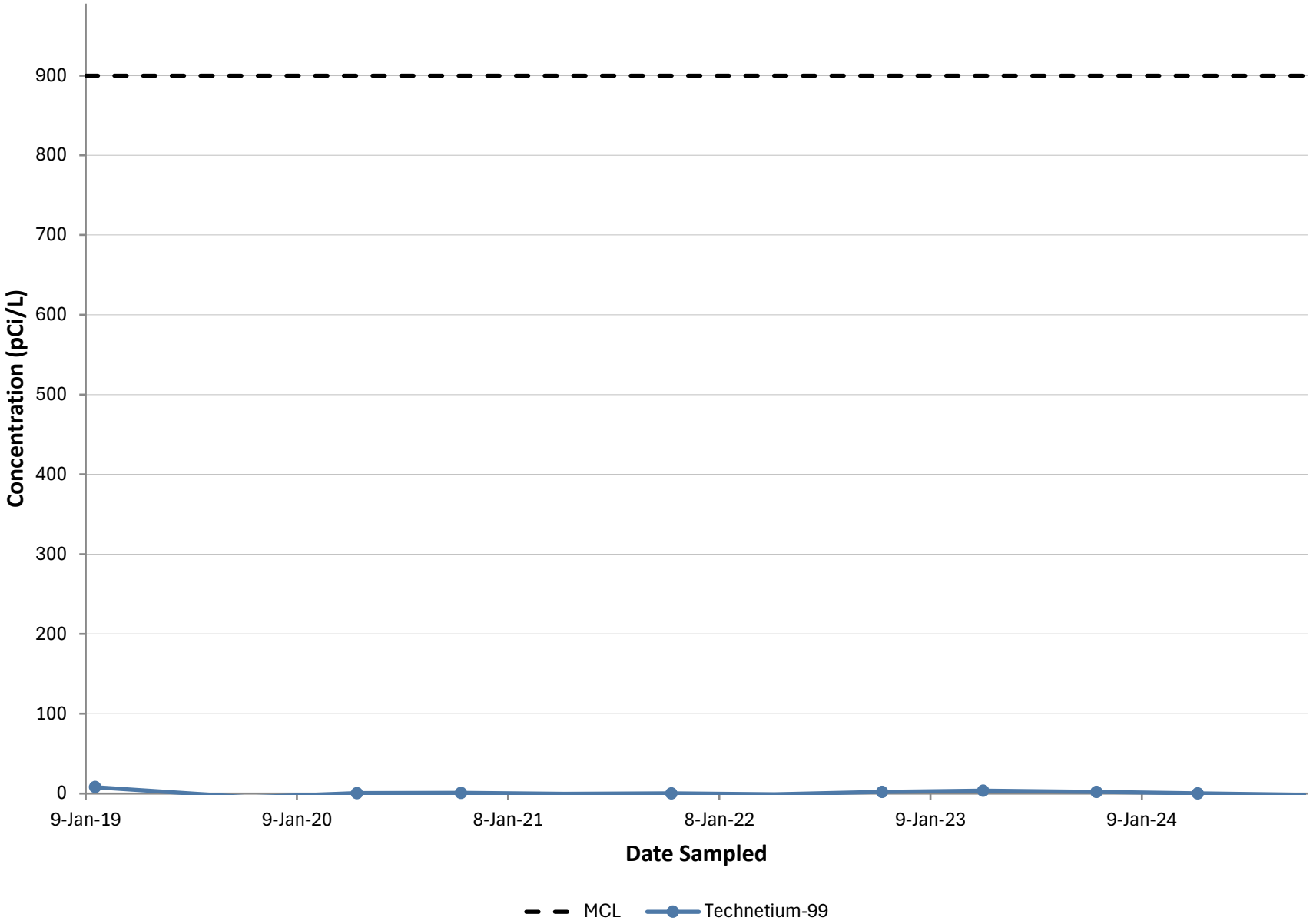
W-13R

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



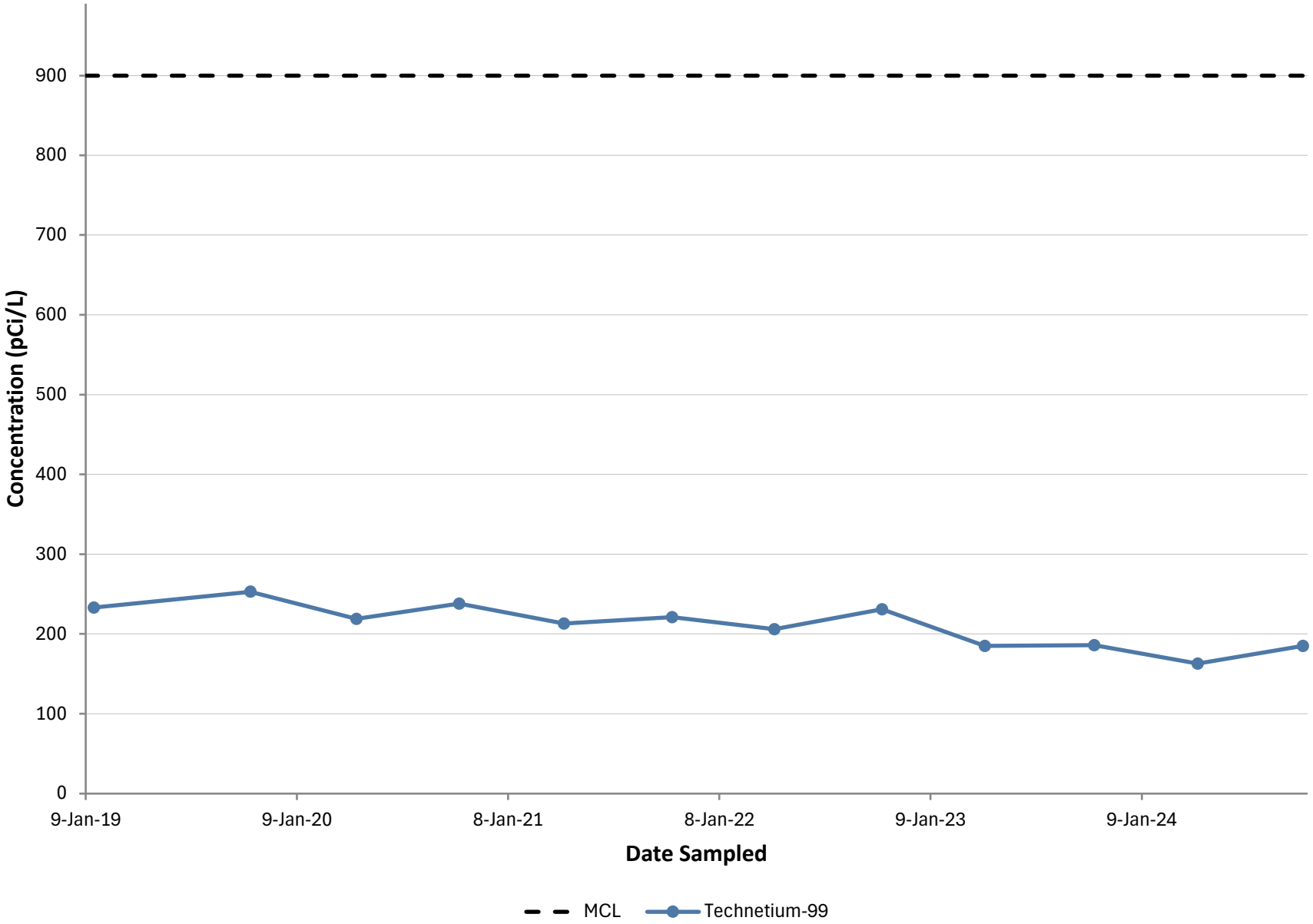
W-14

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



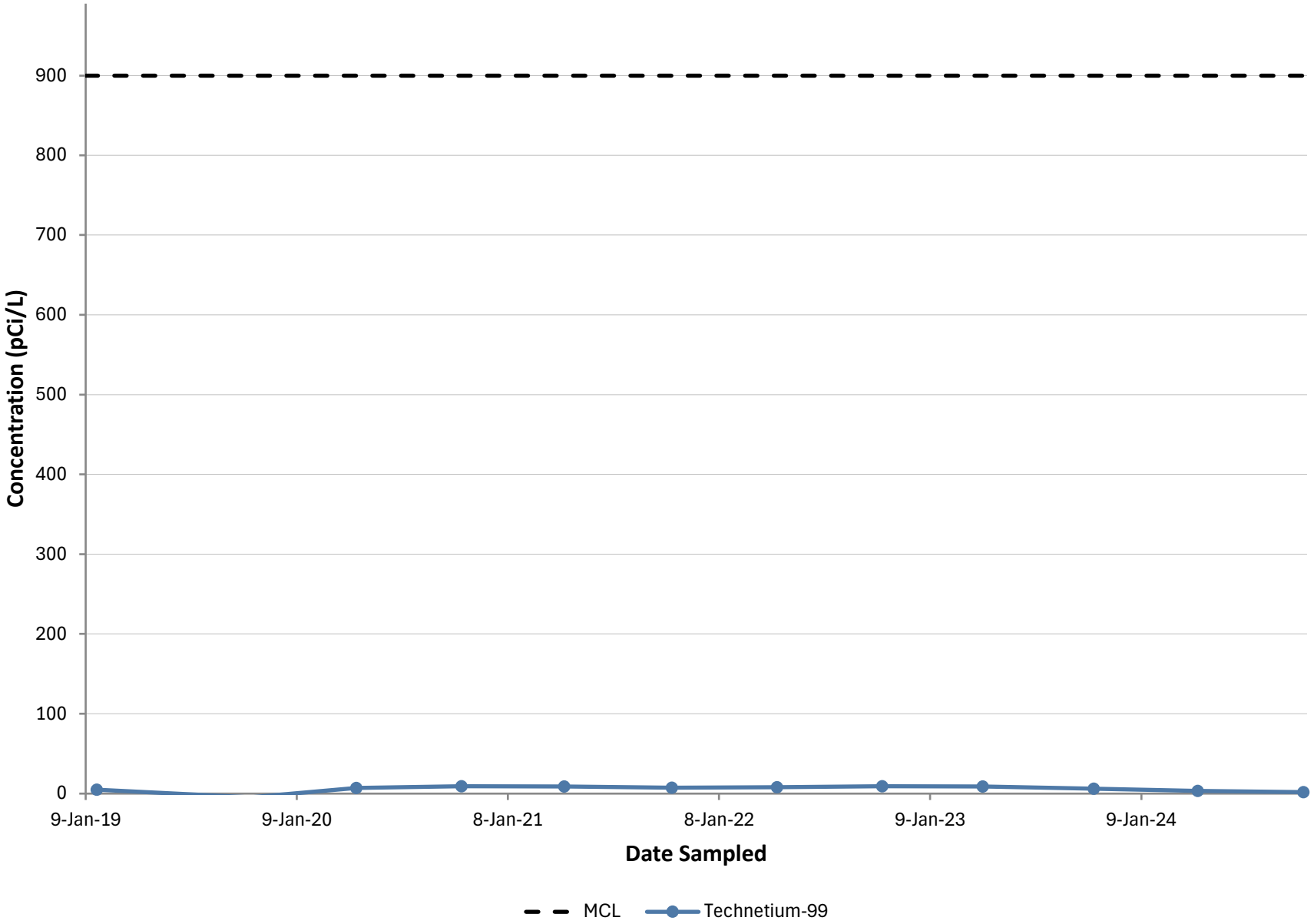
W-15

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



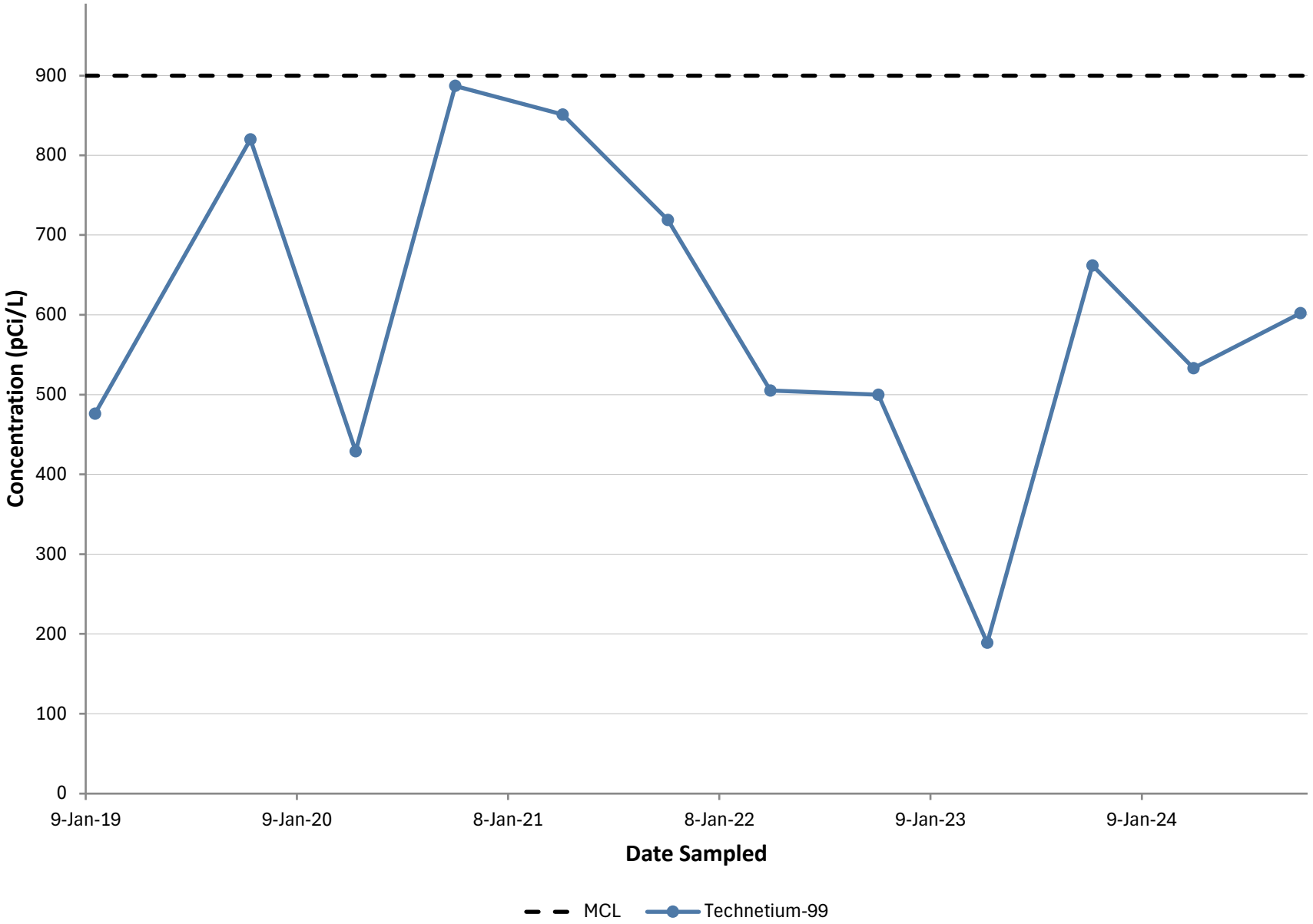
W-16

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



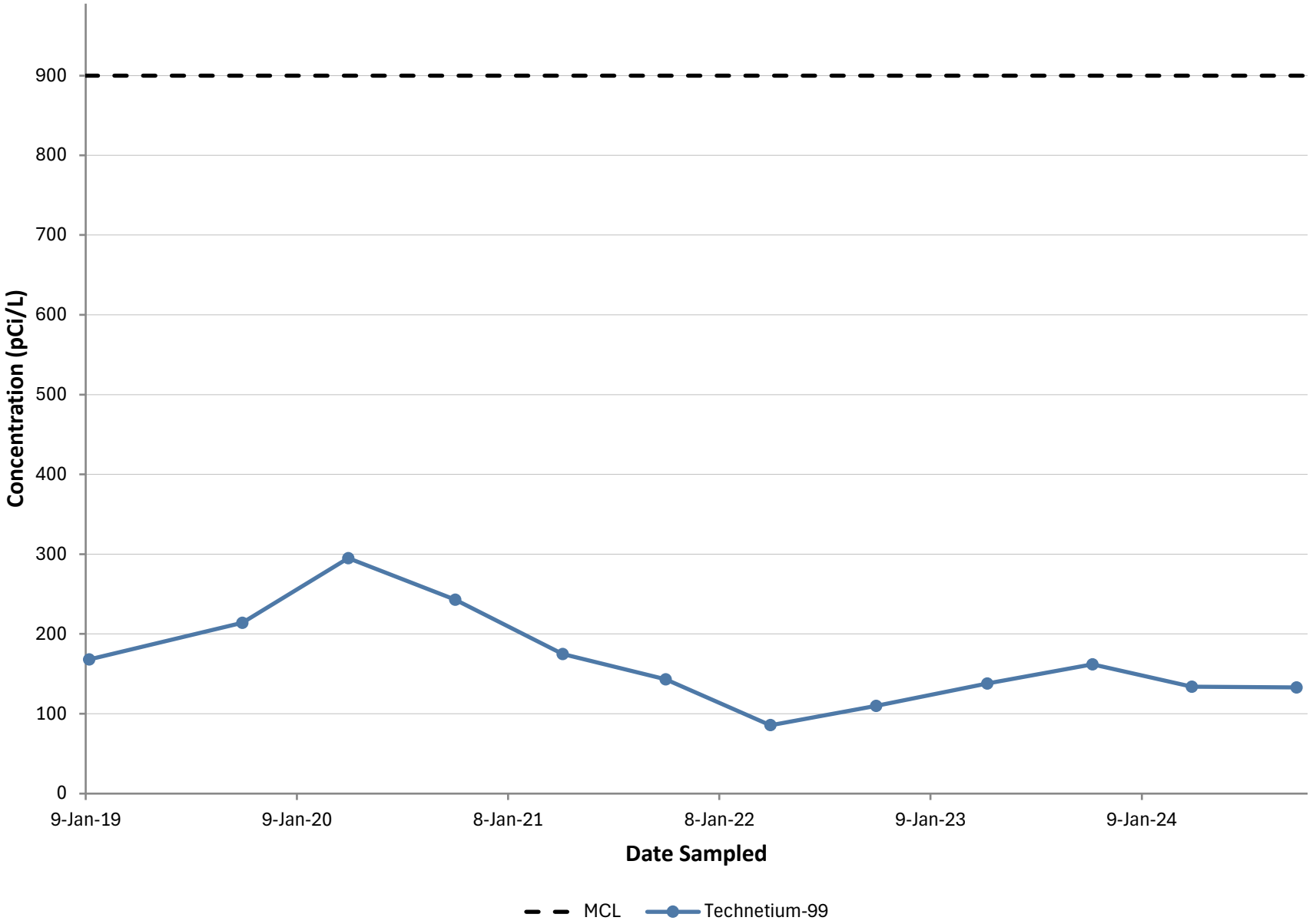
W-17

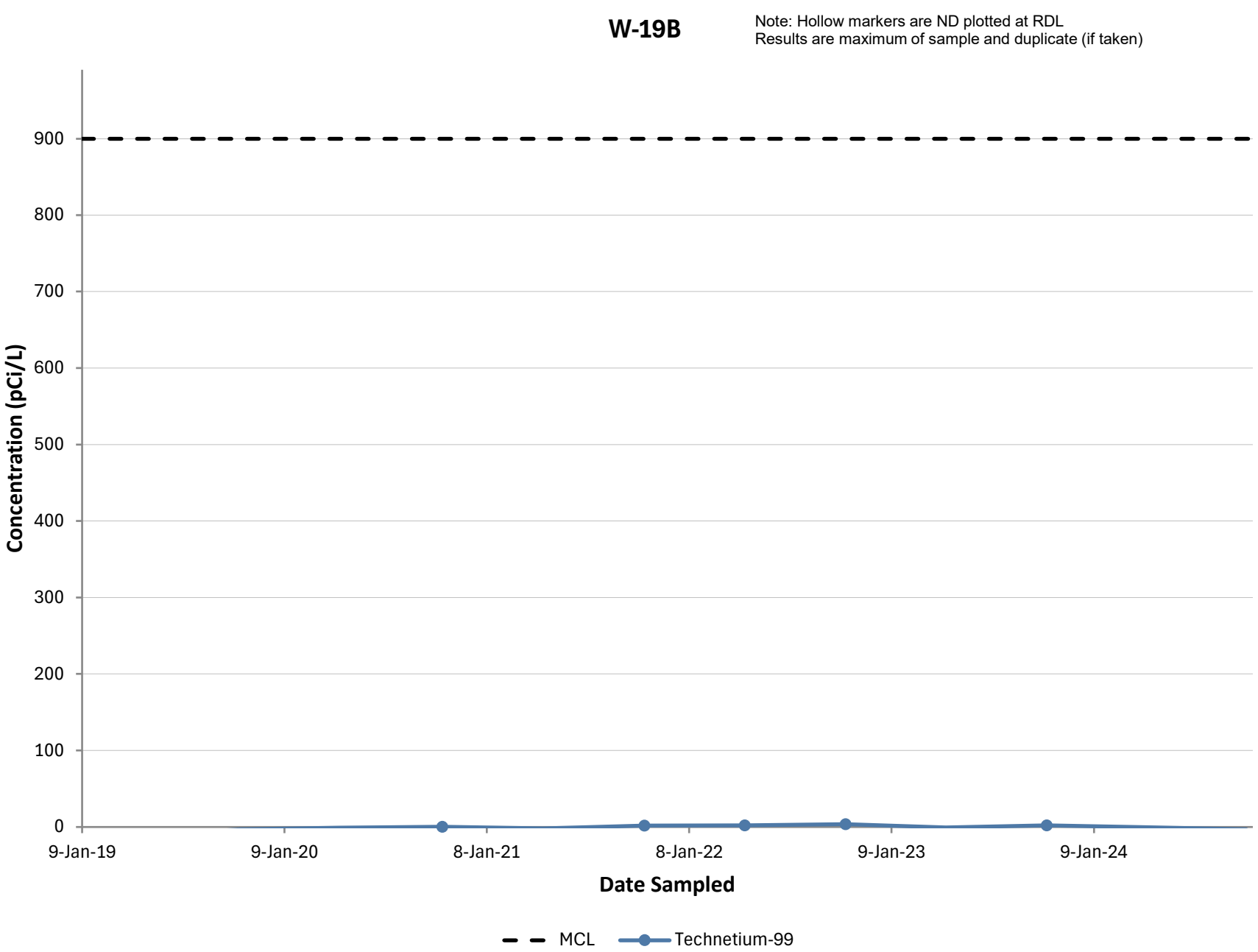
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-18R

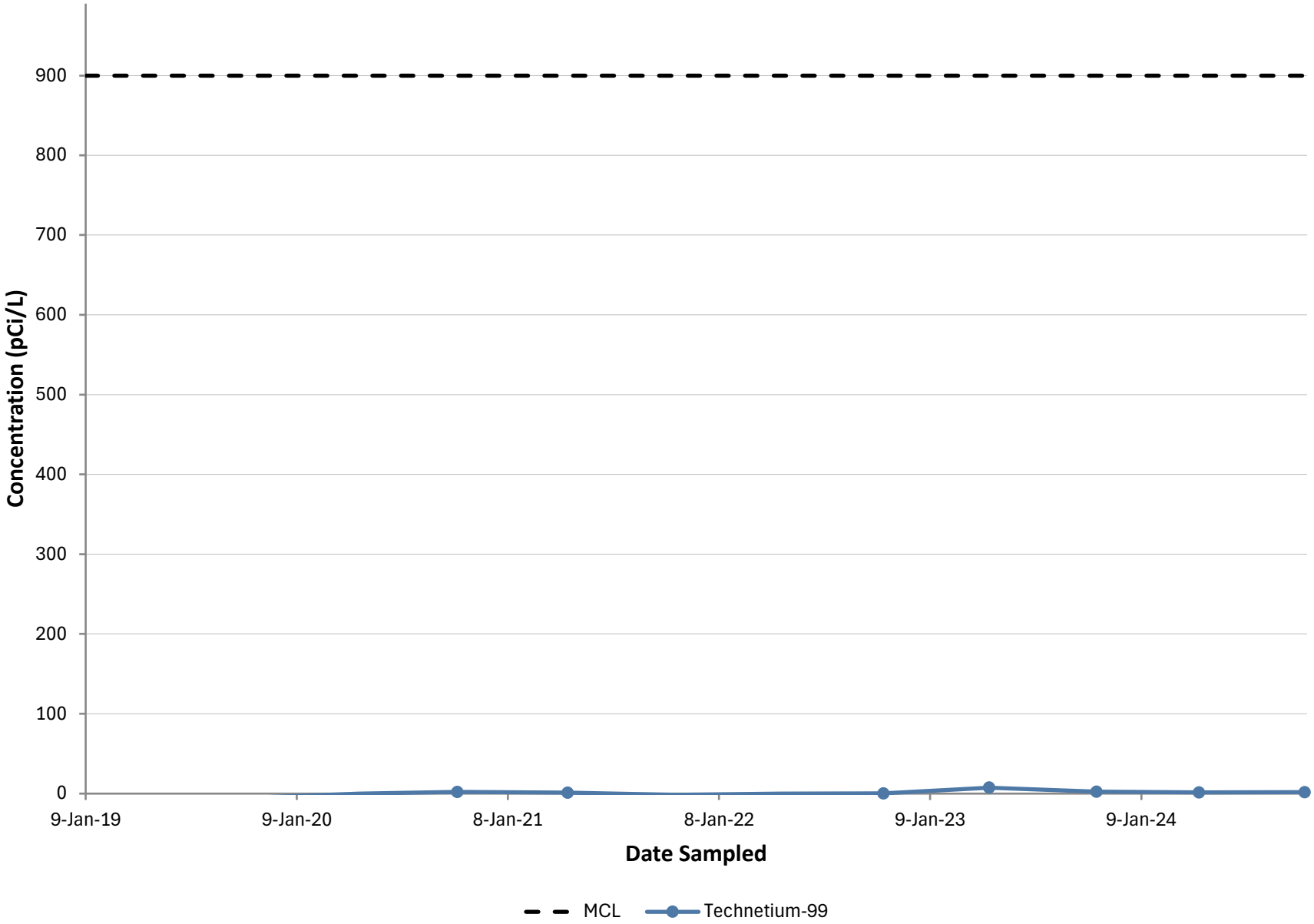
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-19B
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
900
800
700
600
500
400
300
200
100
0
Concentration (pCi/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Technetium-99

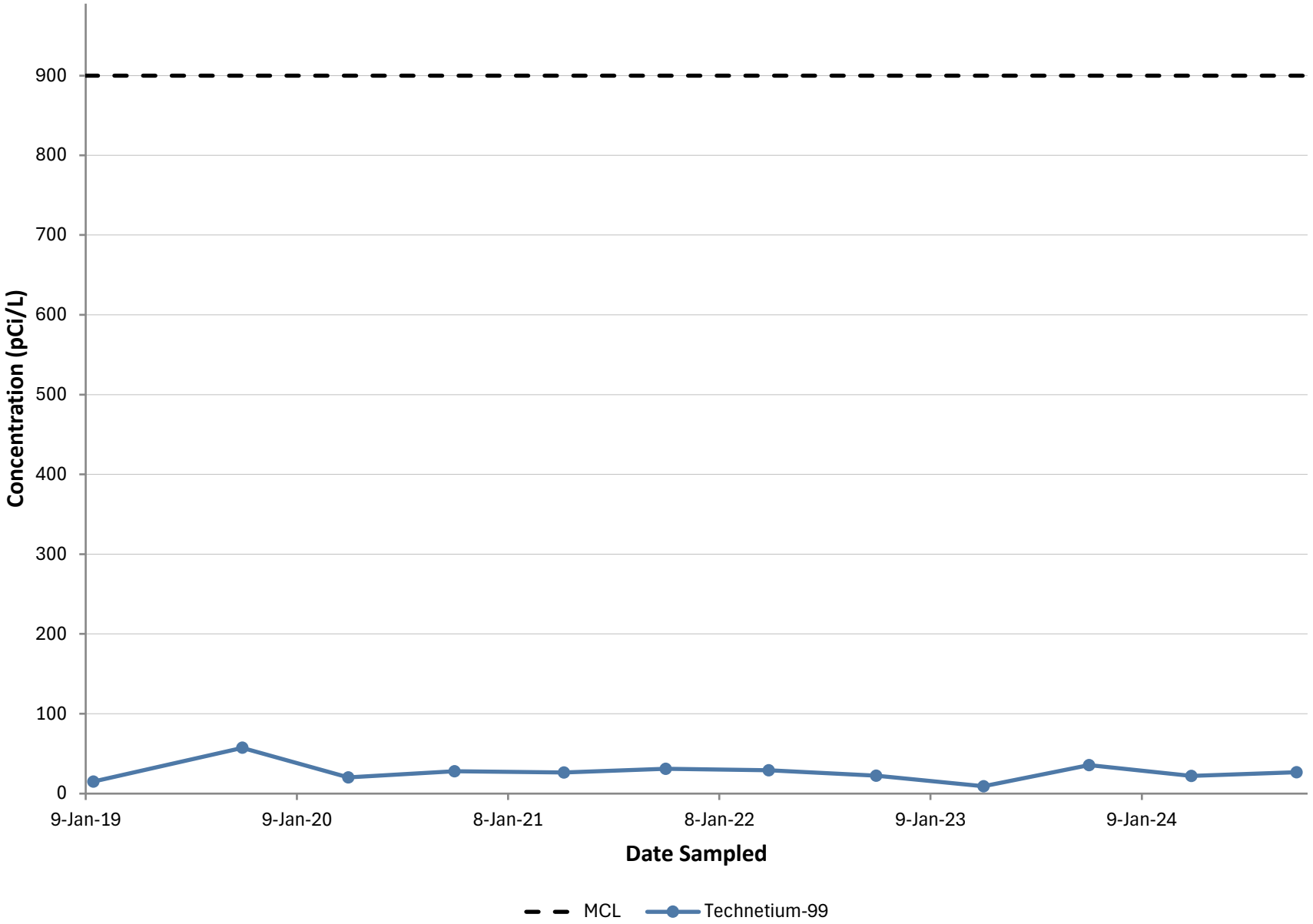
W-20

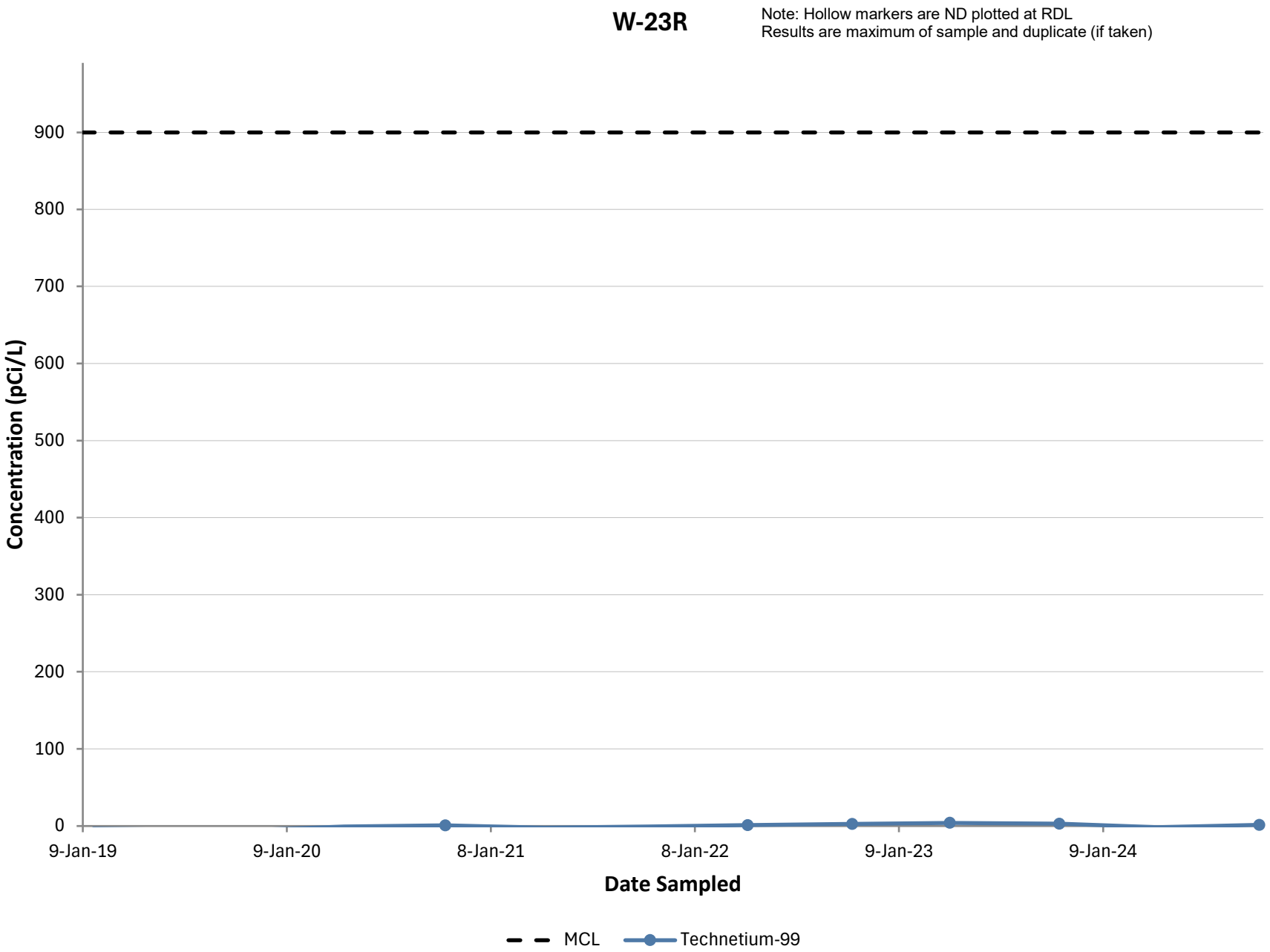
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-22

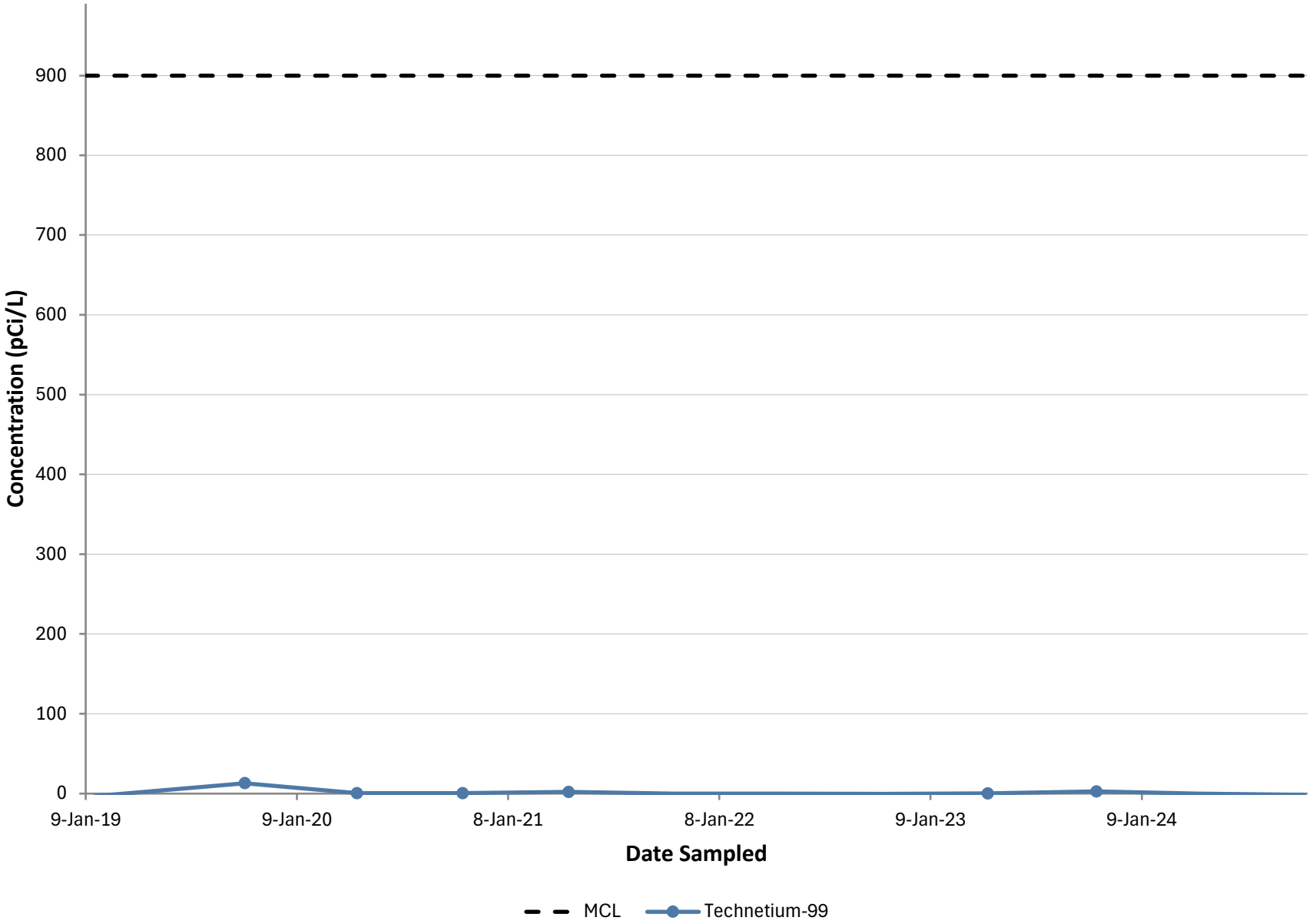
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

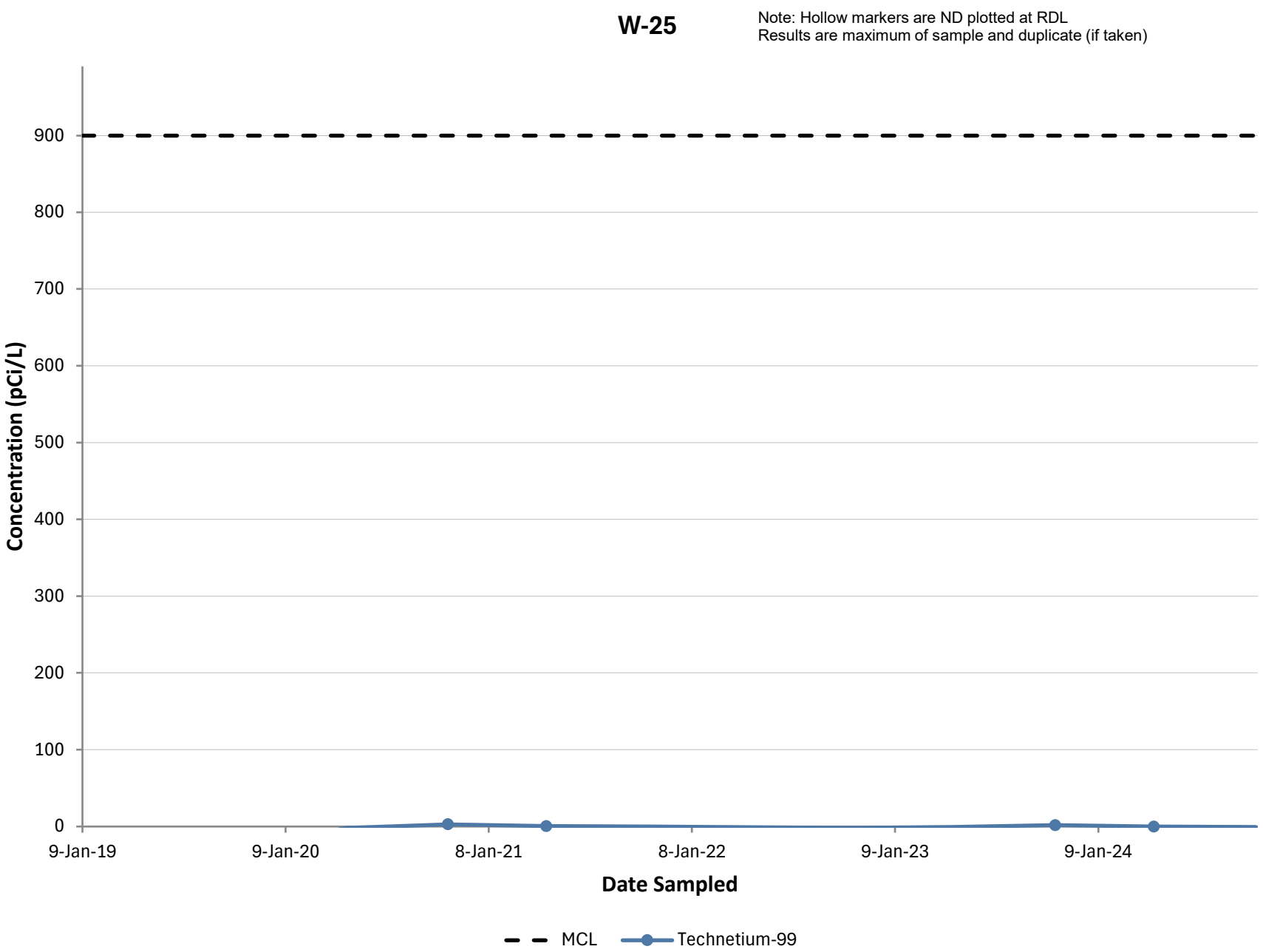



W-23R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
Concentration (pCi/L)
900
800
700
600
500
400
300
200
100
0
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Technetium-99

W-24

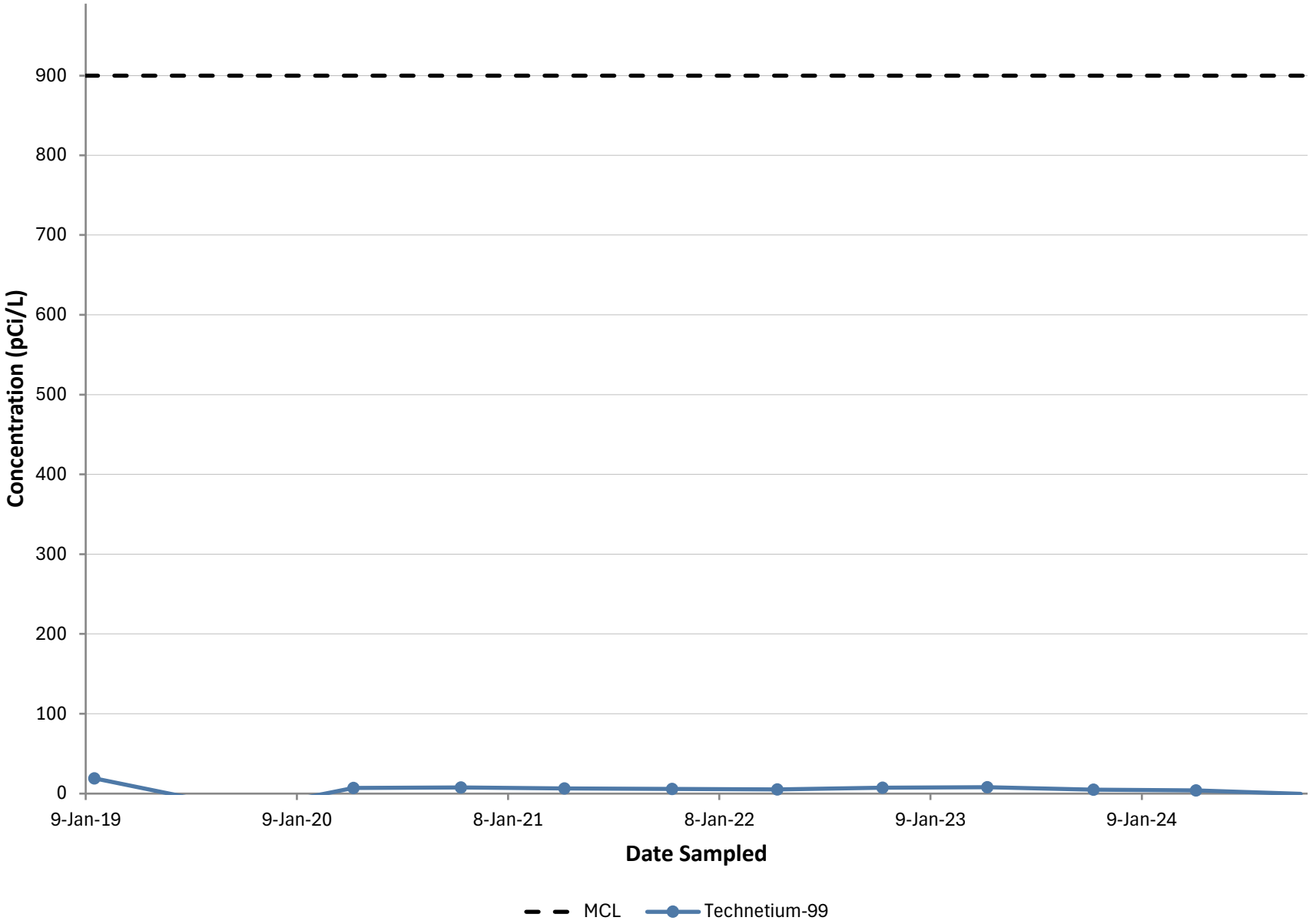
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-25
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
900
800
700
600
500
400
300
200
100
0
Concentration (pCi/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Technetium-99

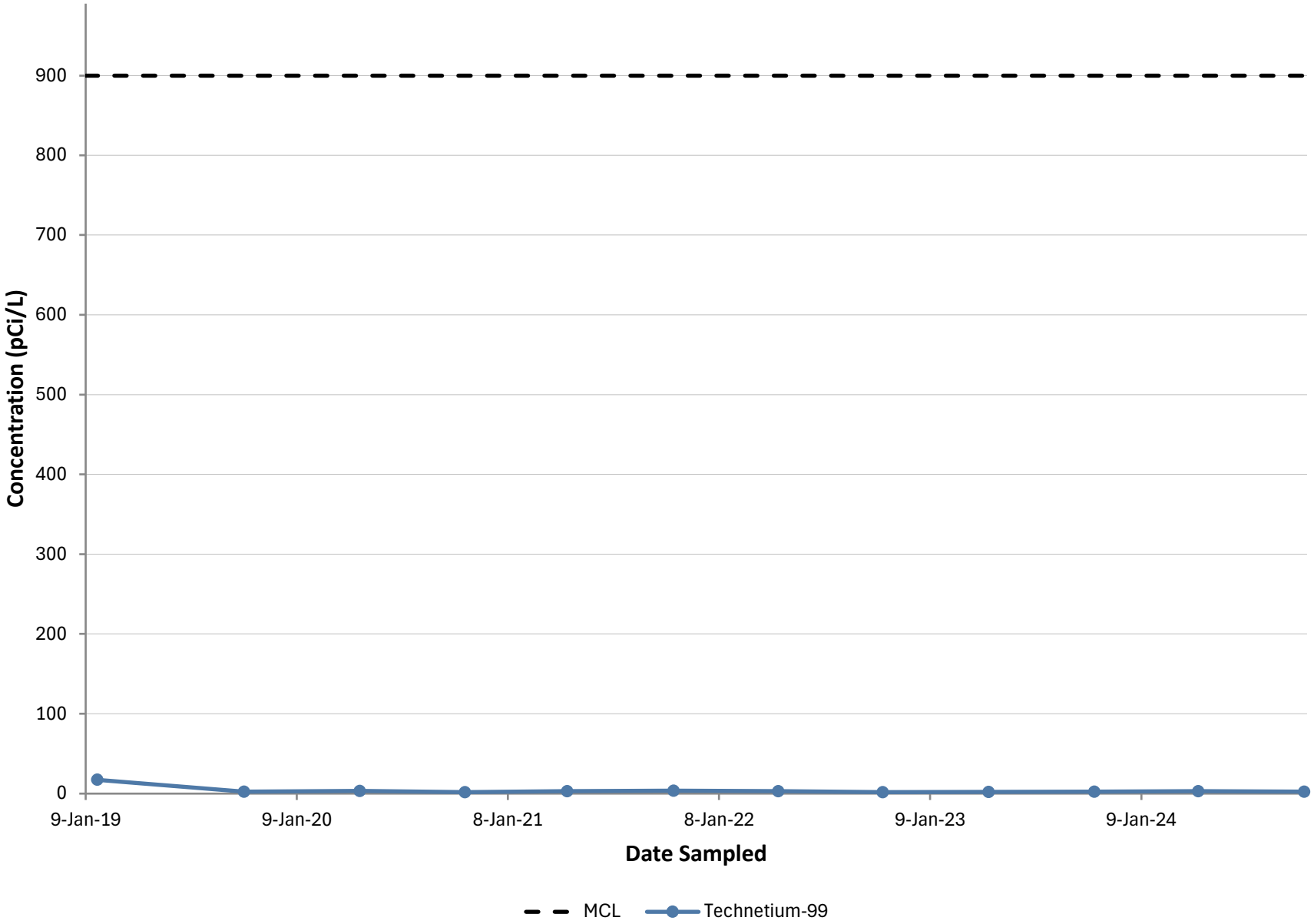
W-26

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



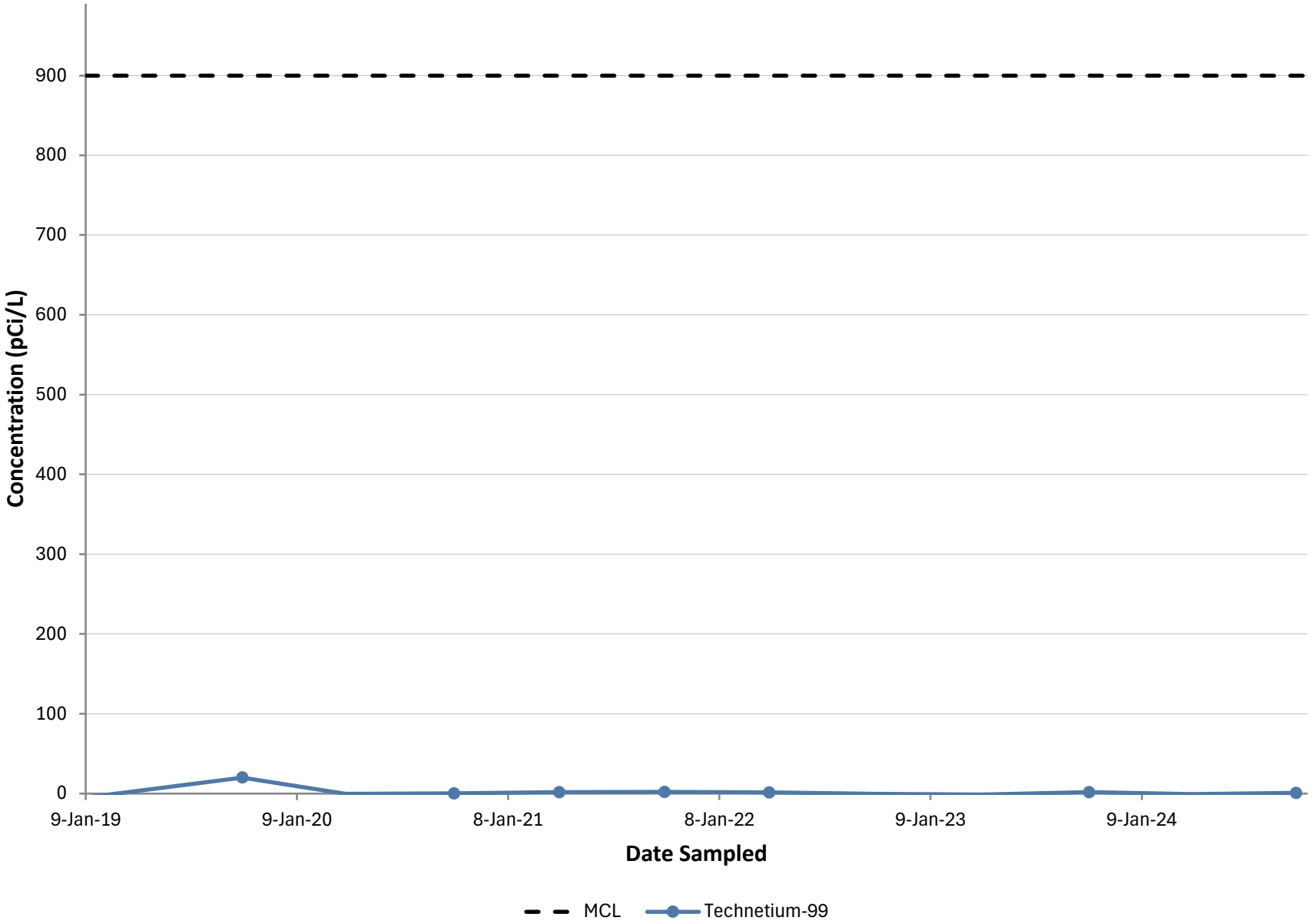
W-27

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



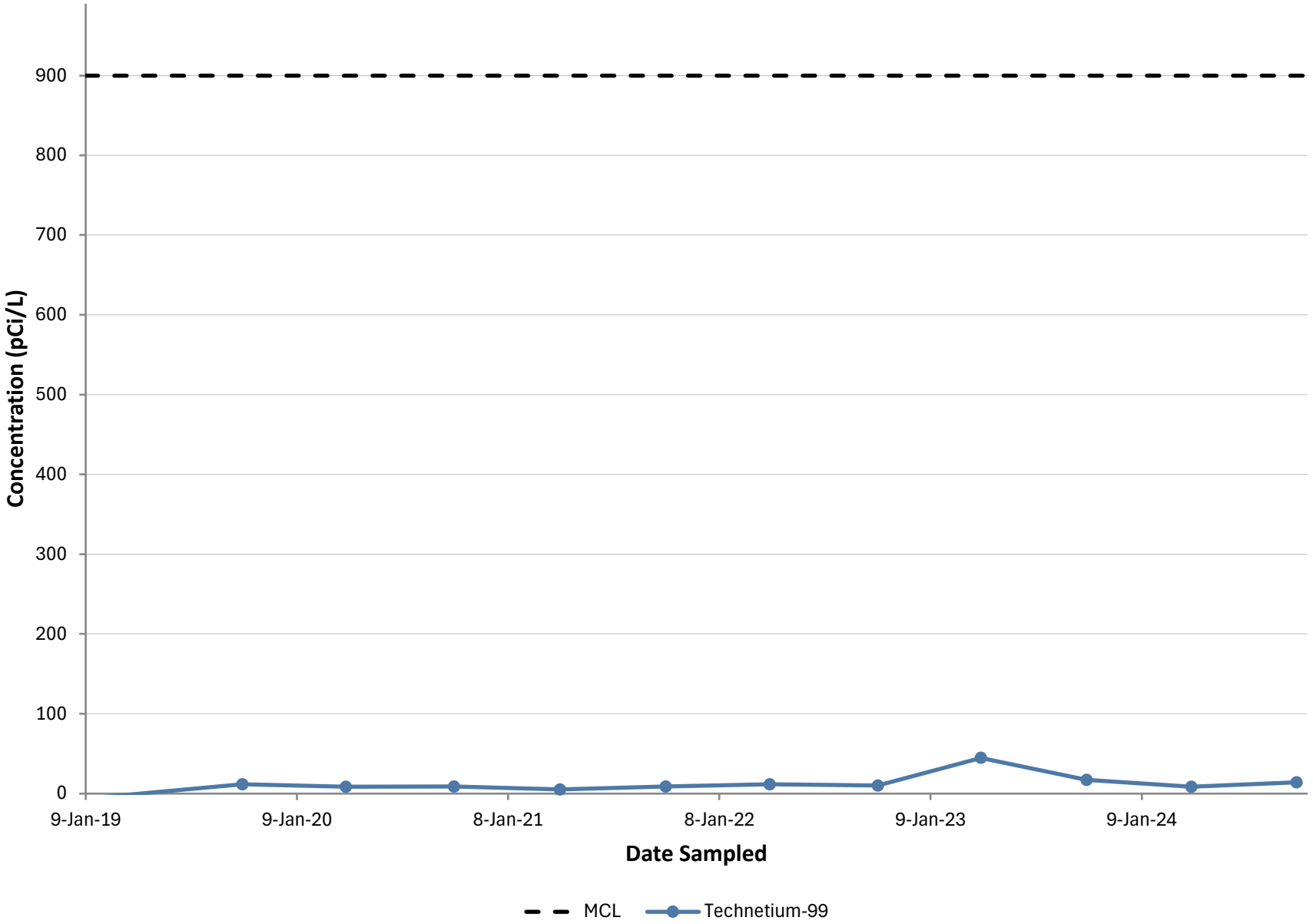
W-28

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



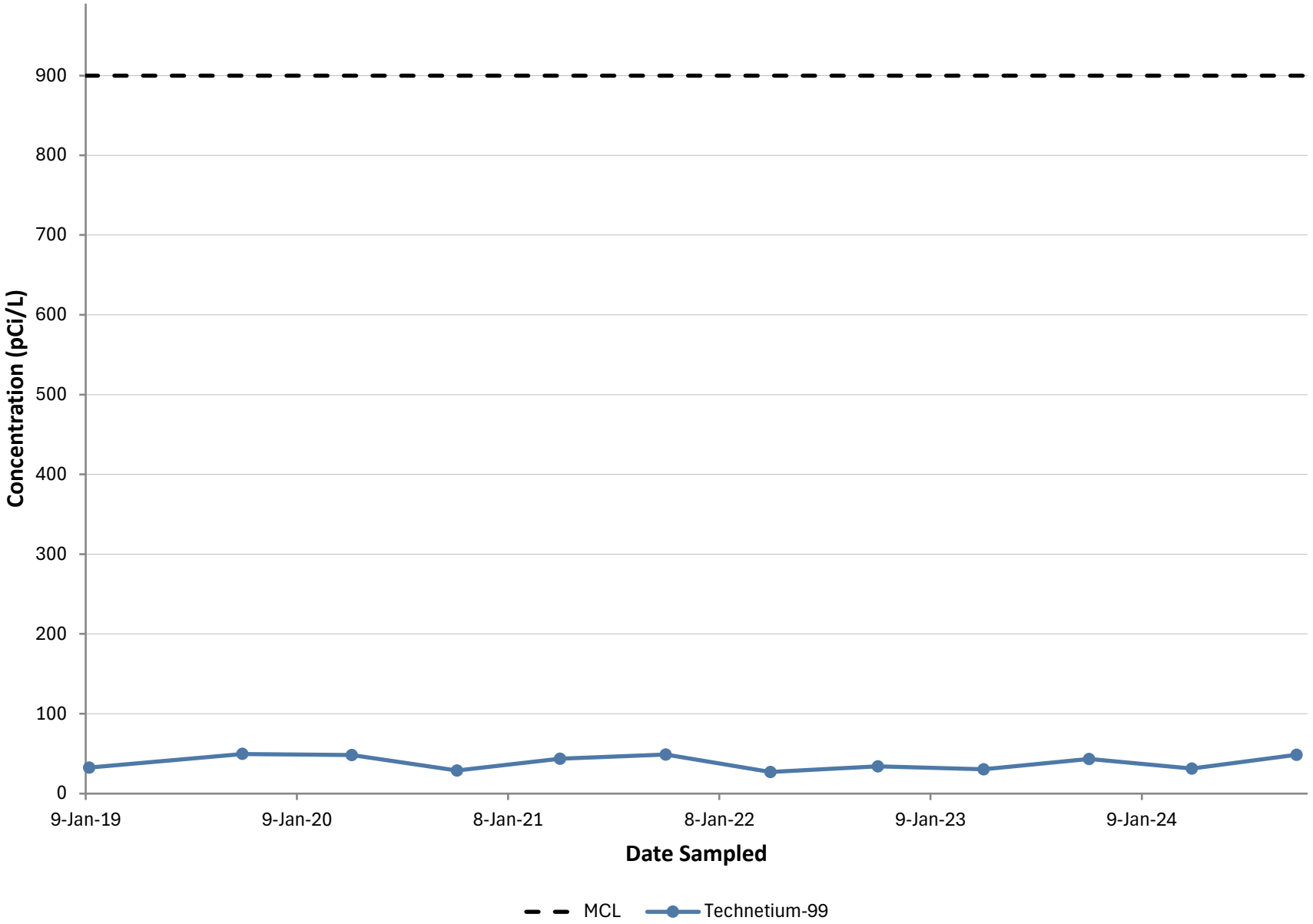
W-29

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



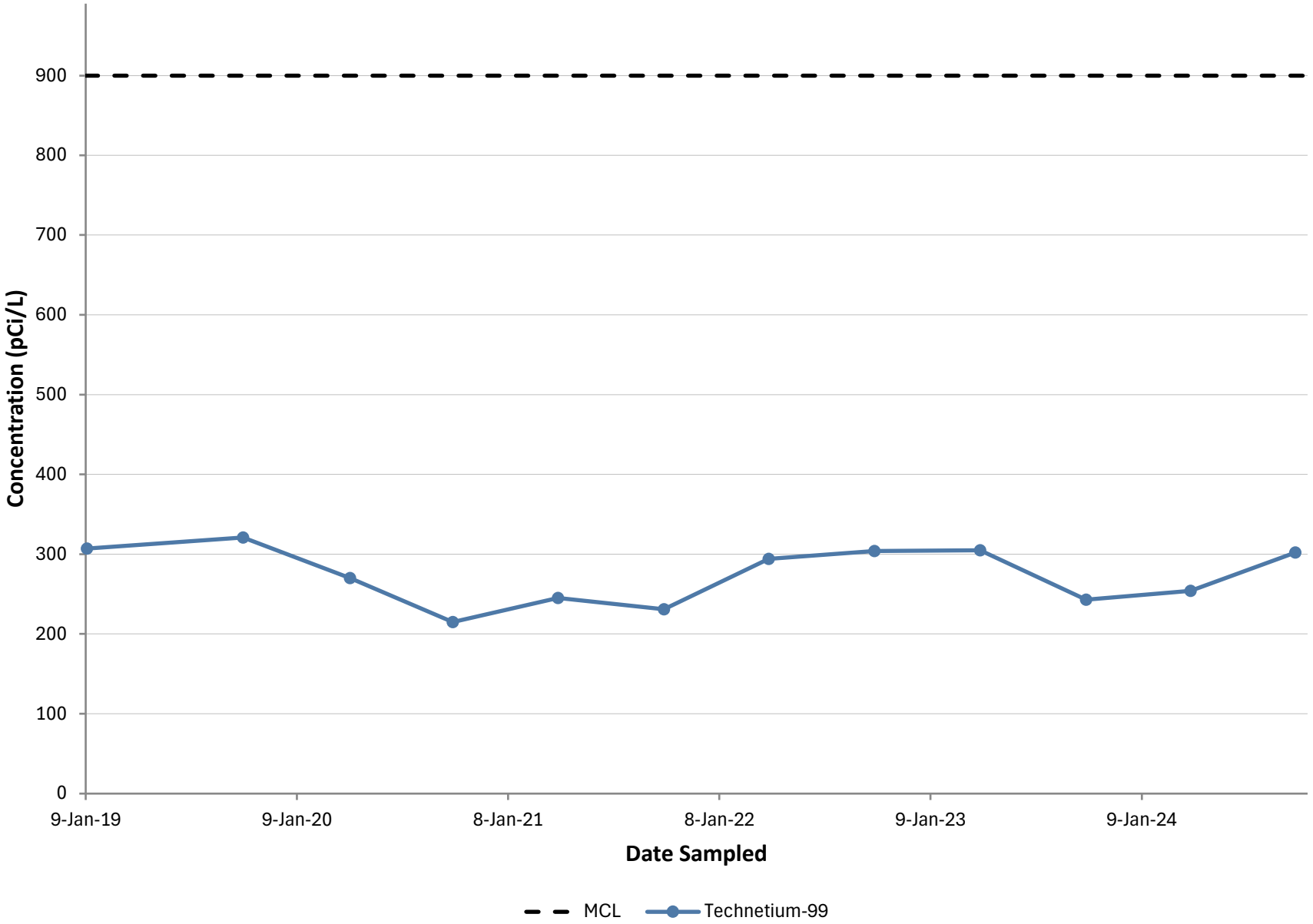
W-30

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



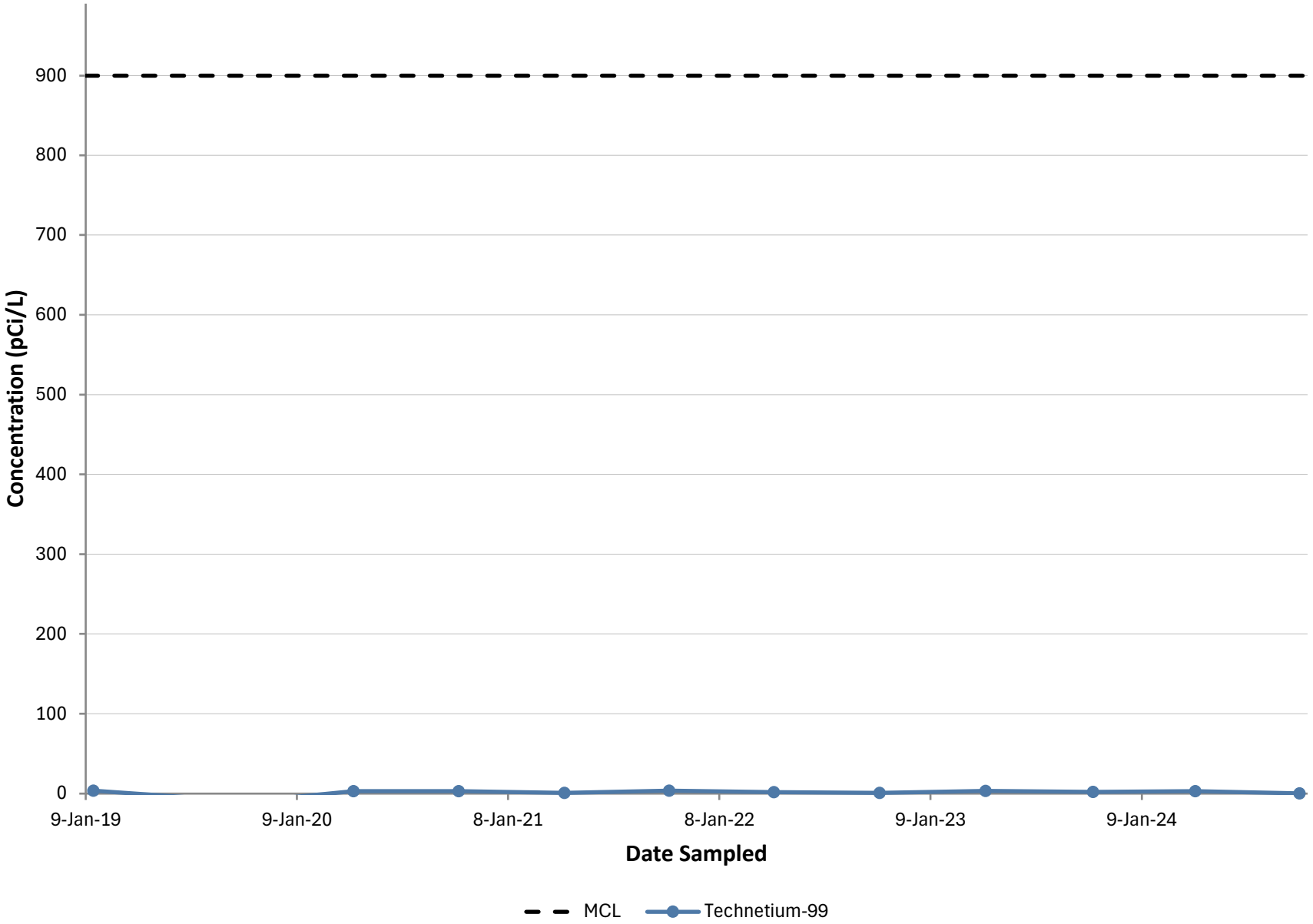
W-32

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



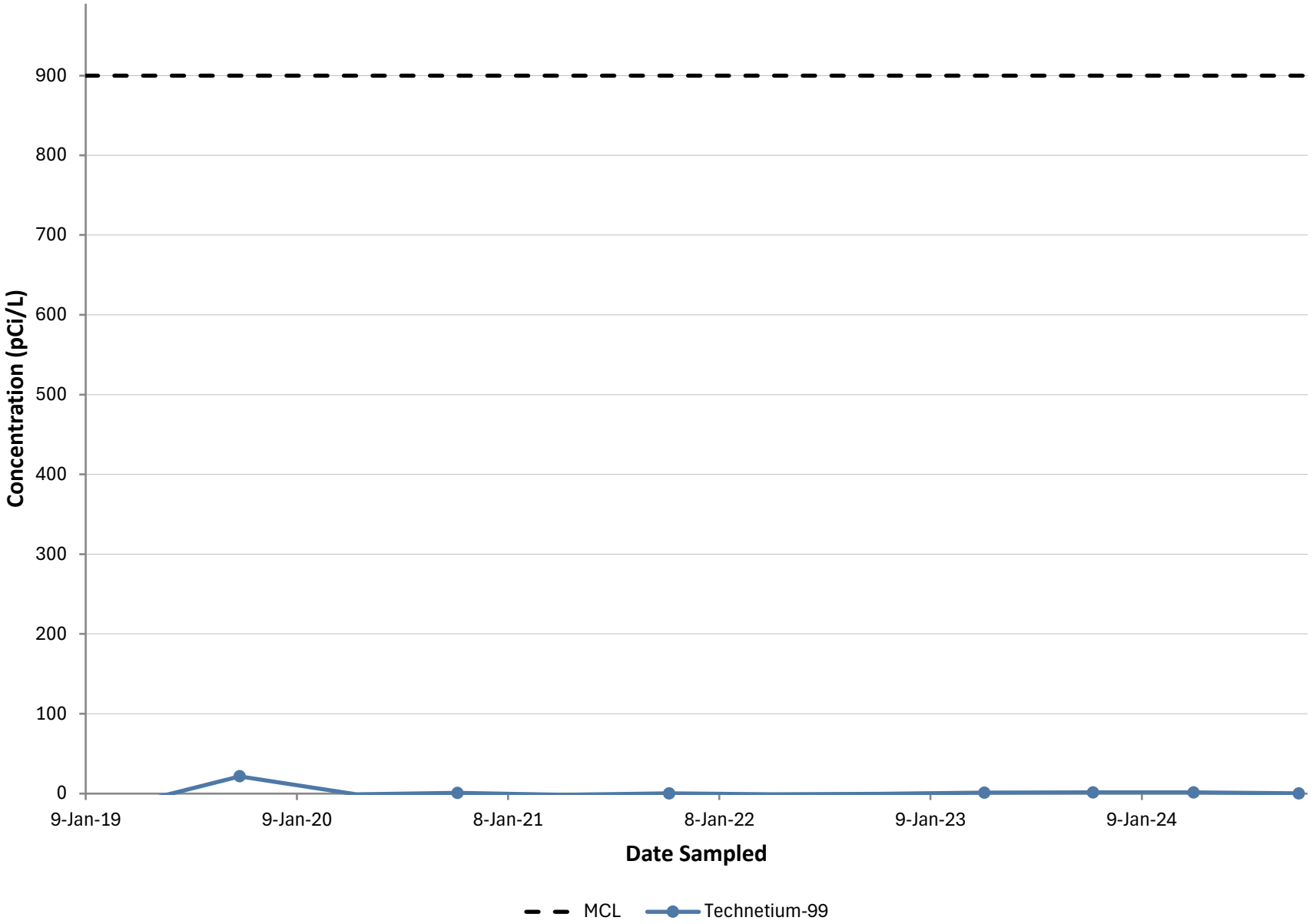
W-33

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



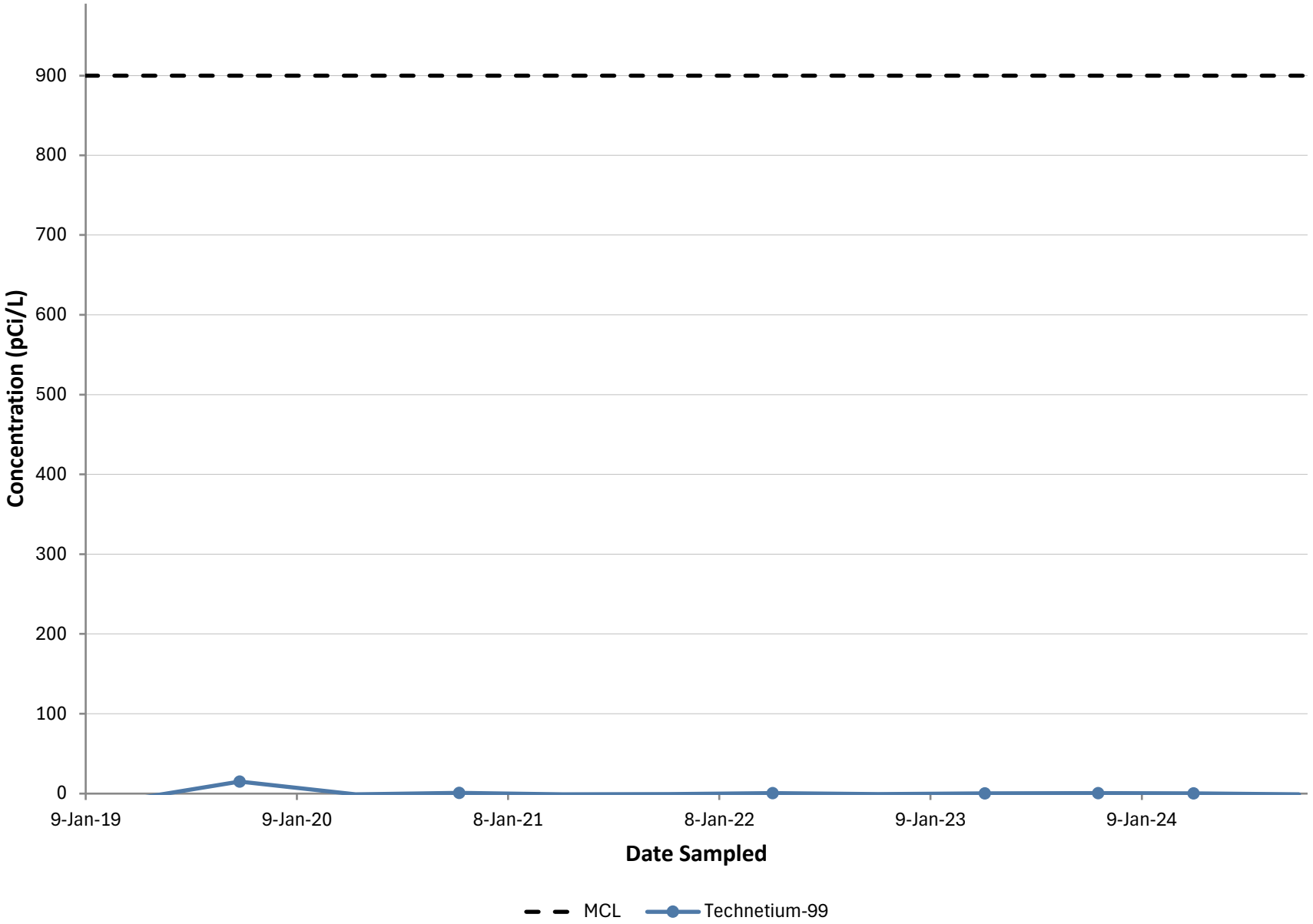
W-35

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



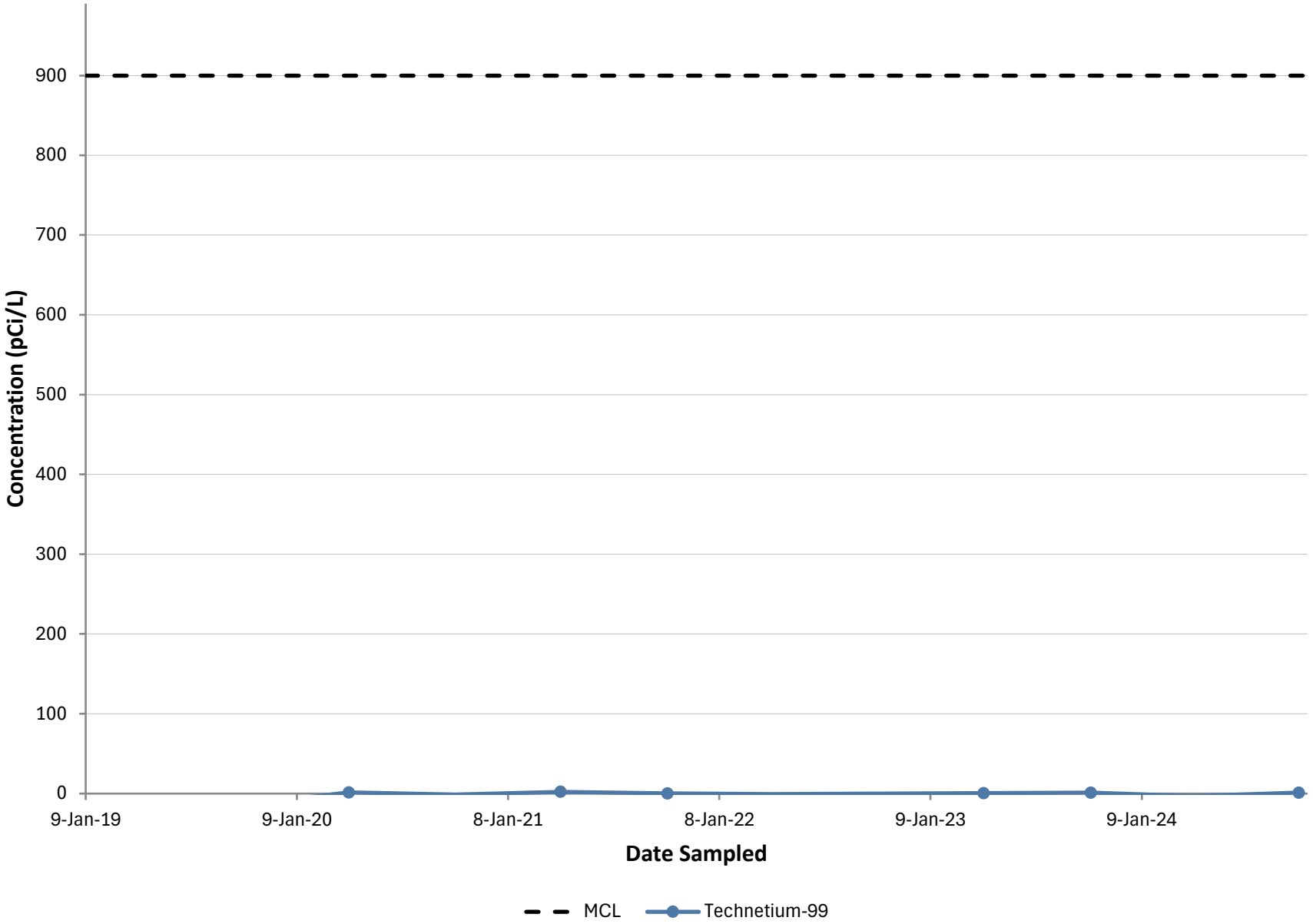
W-36

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



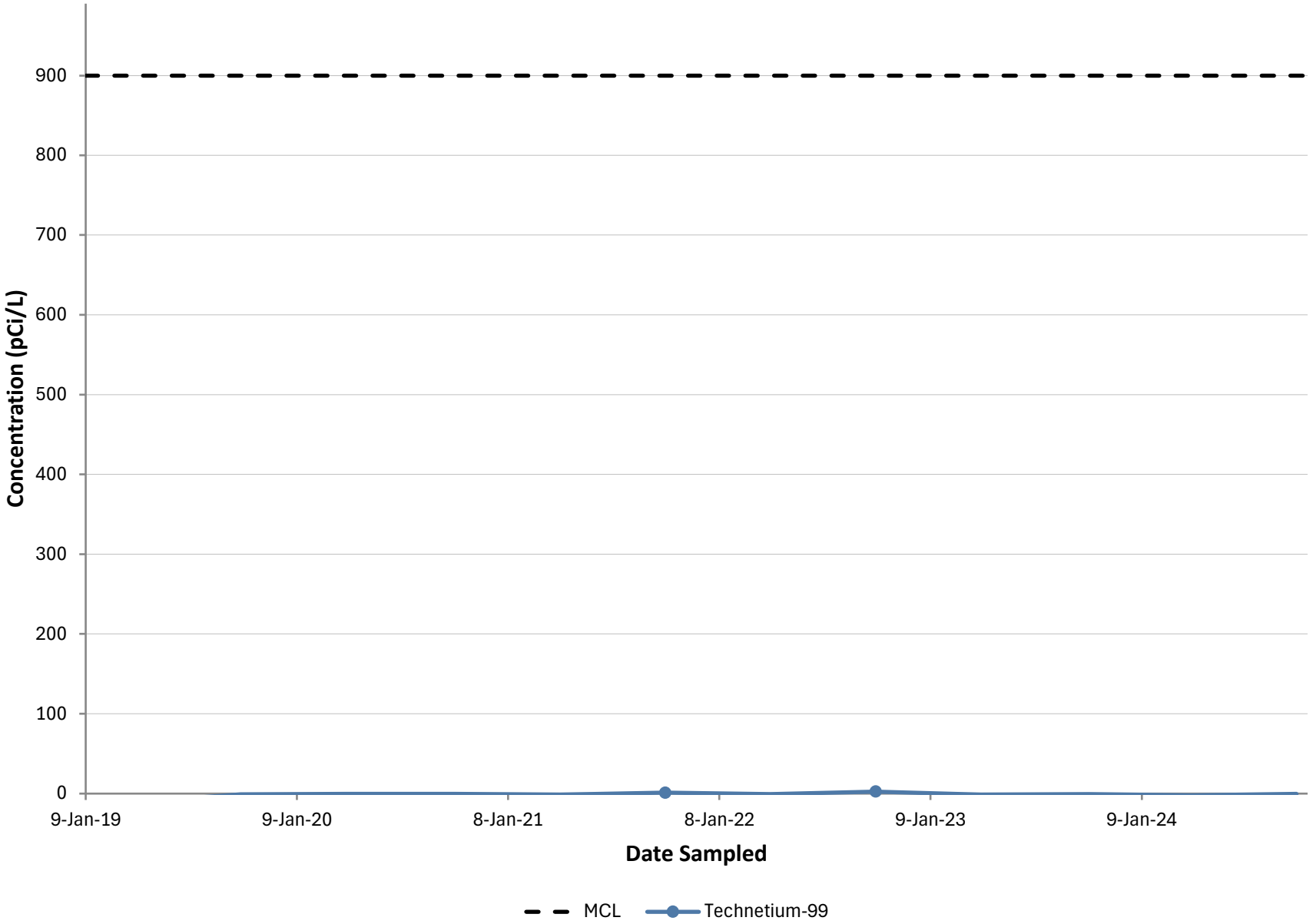
W-37

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



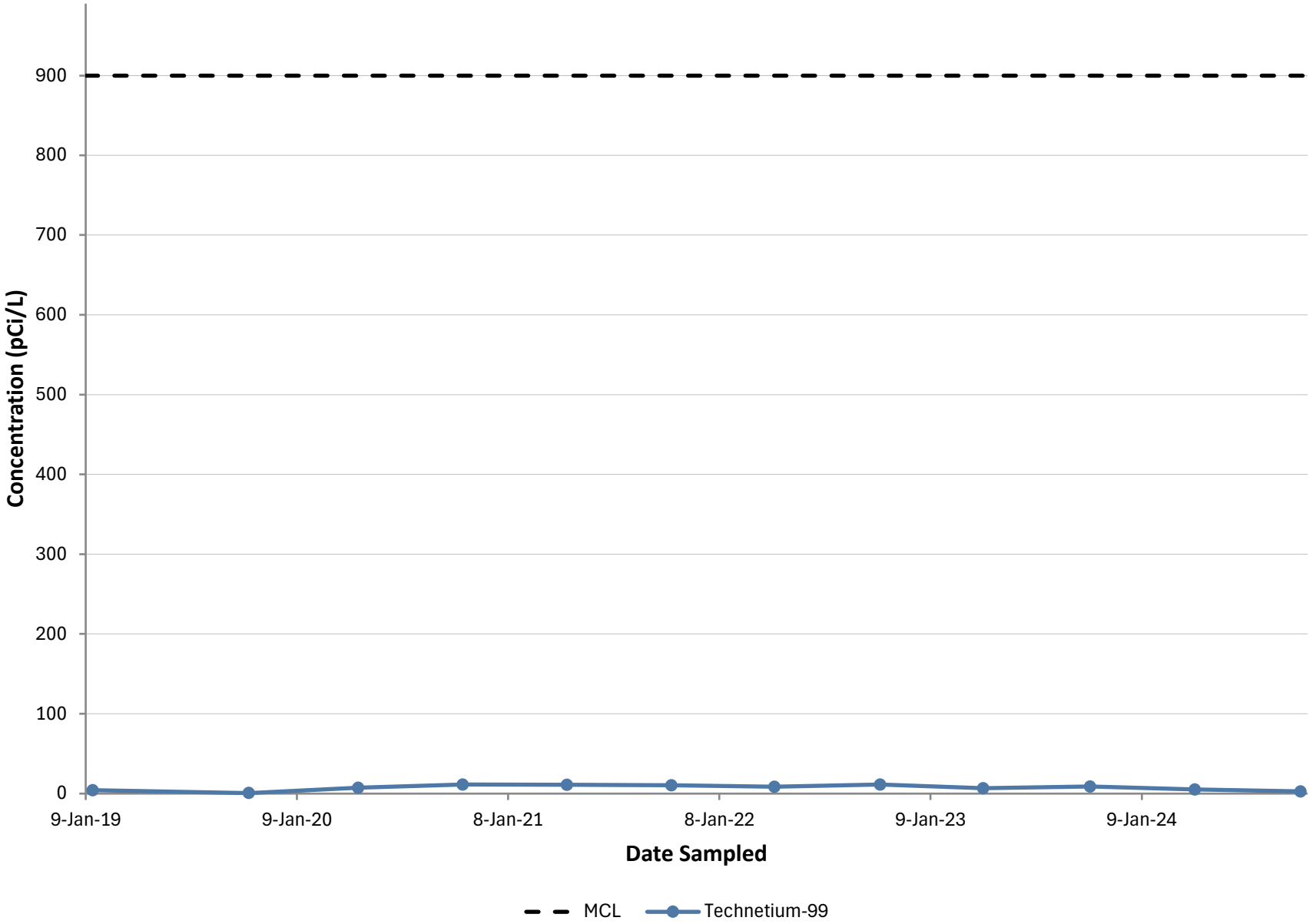
W-38

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



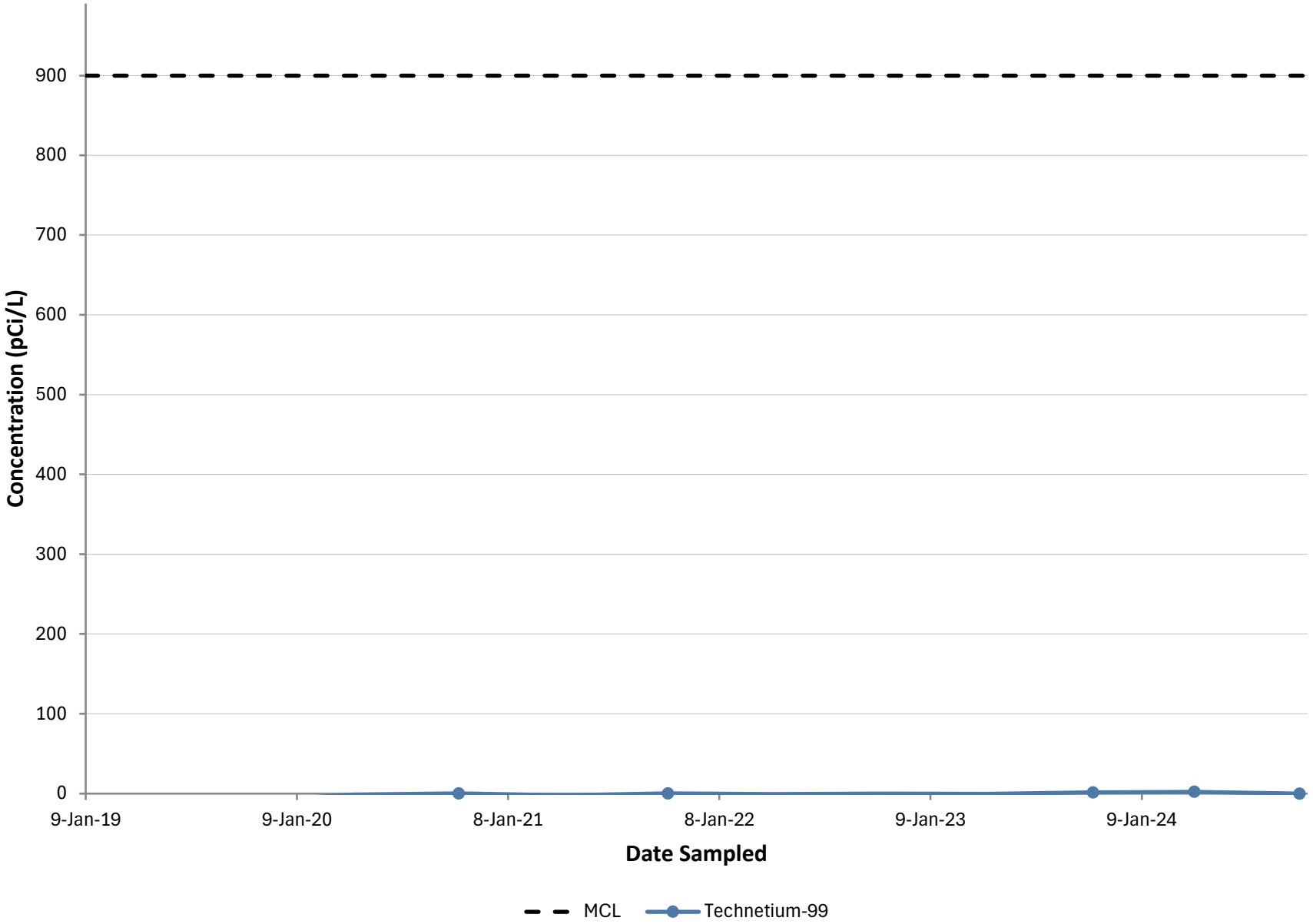
W-39

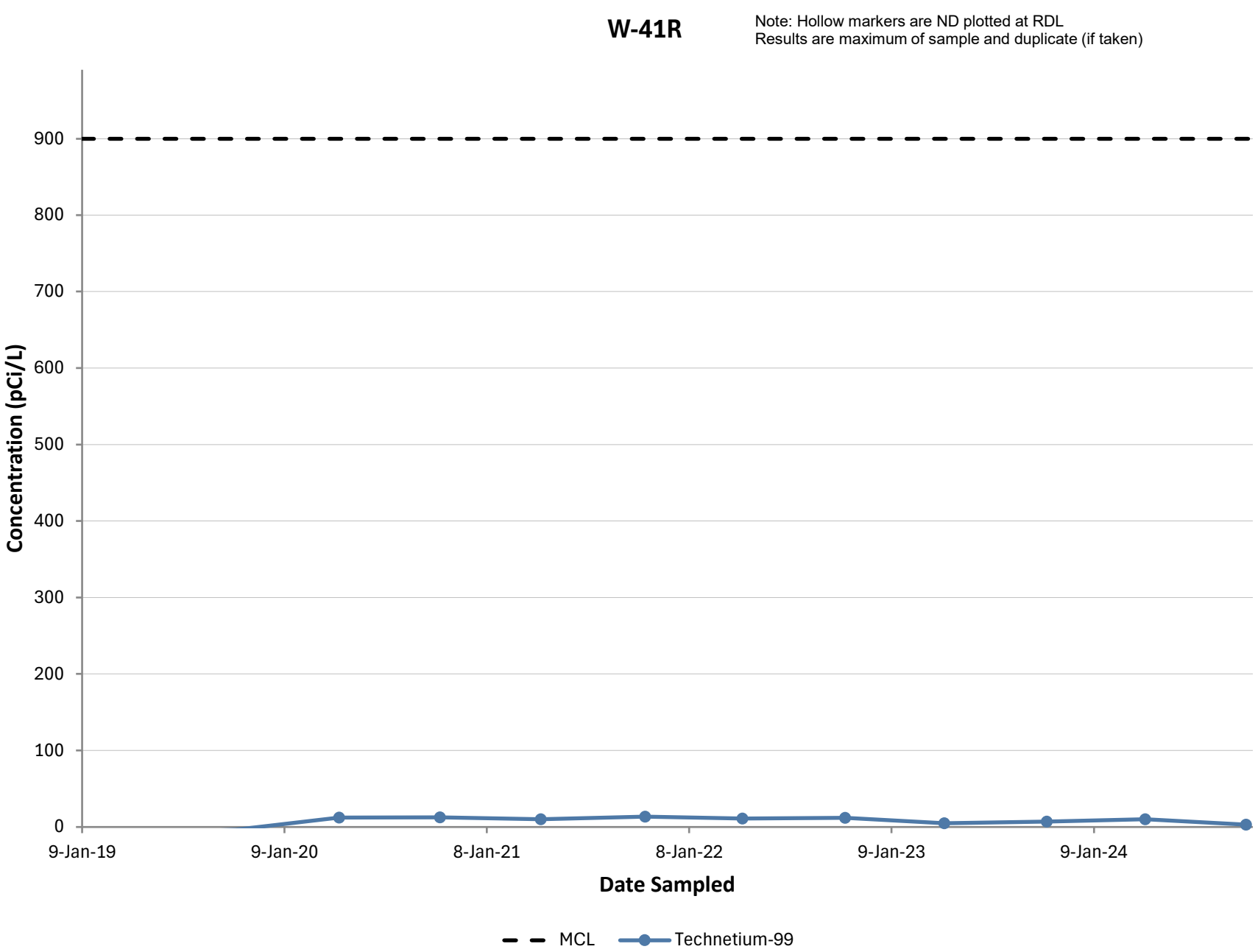
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-40

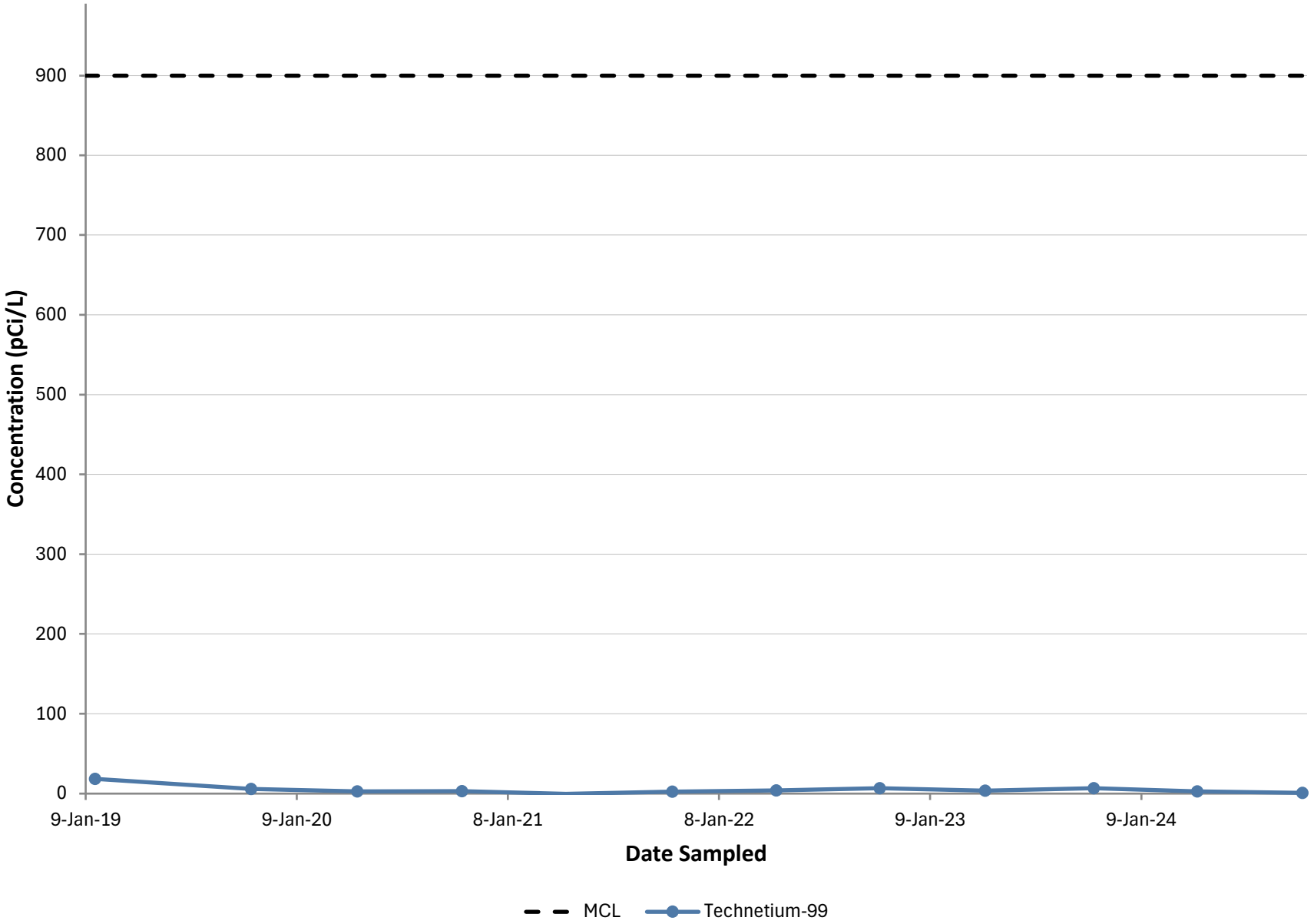
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-41R
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
900
800
700
600
500
400
300
200
100
0
Concentration (pCi/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Technetium-99

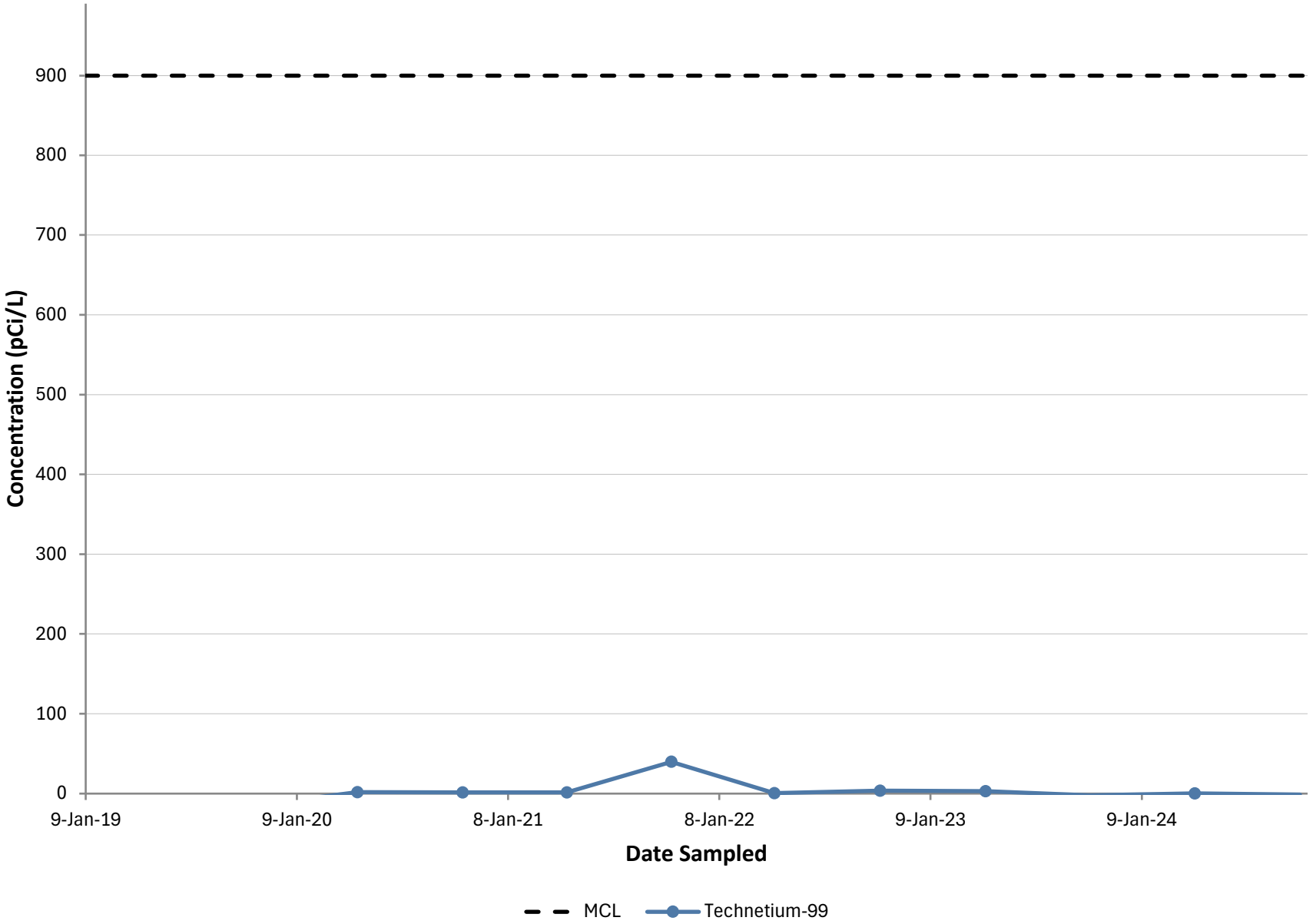
W-42

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



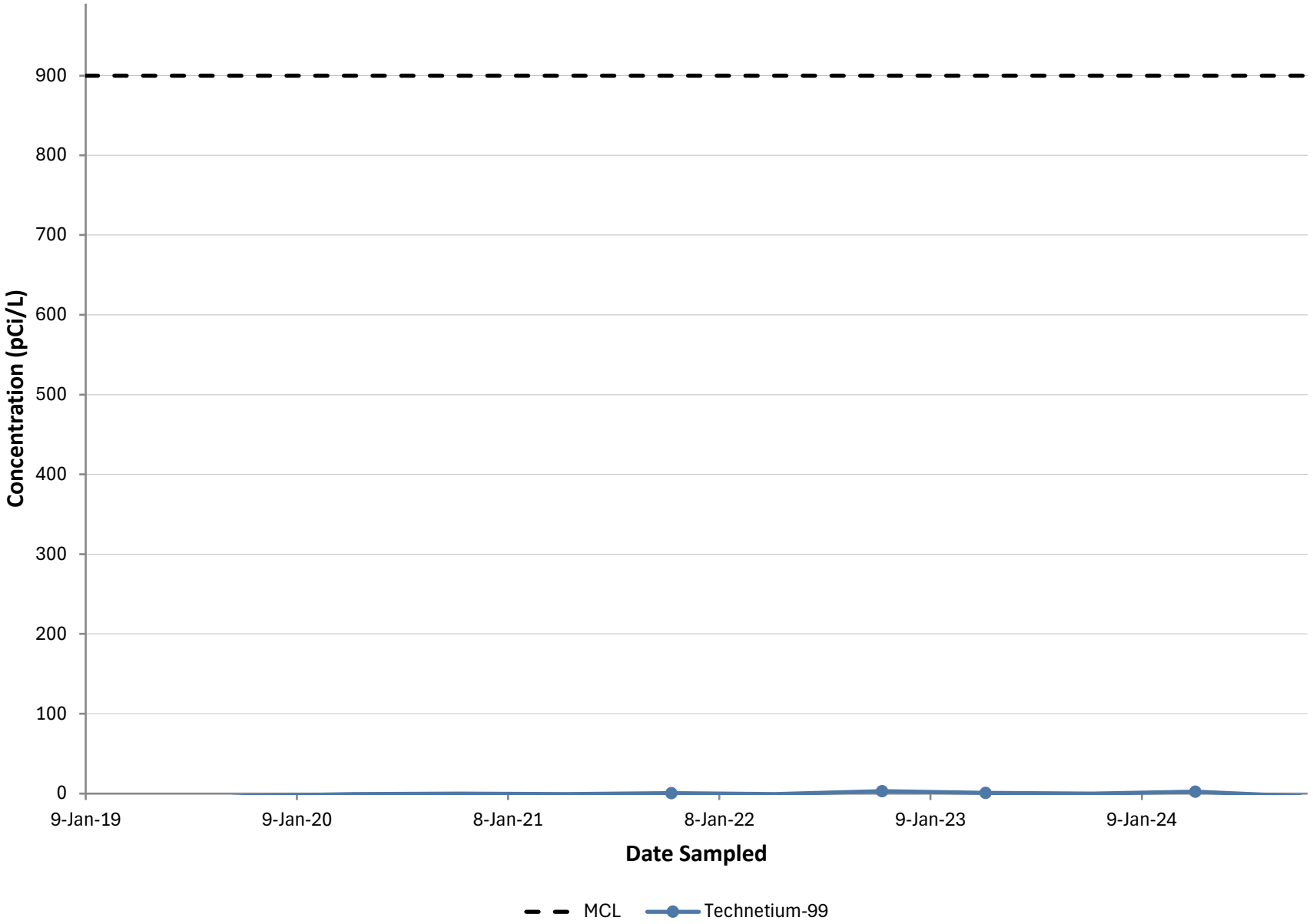
W-43

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



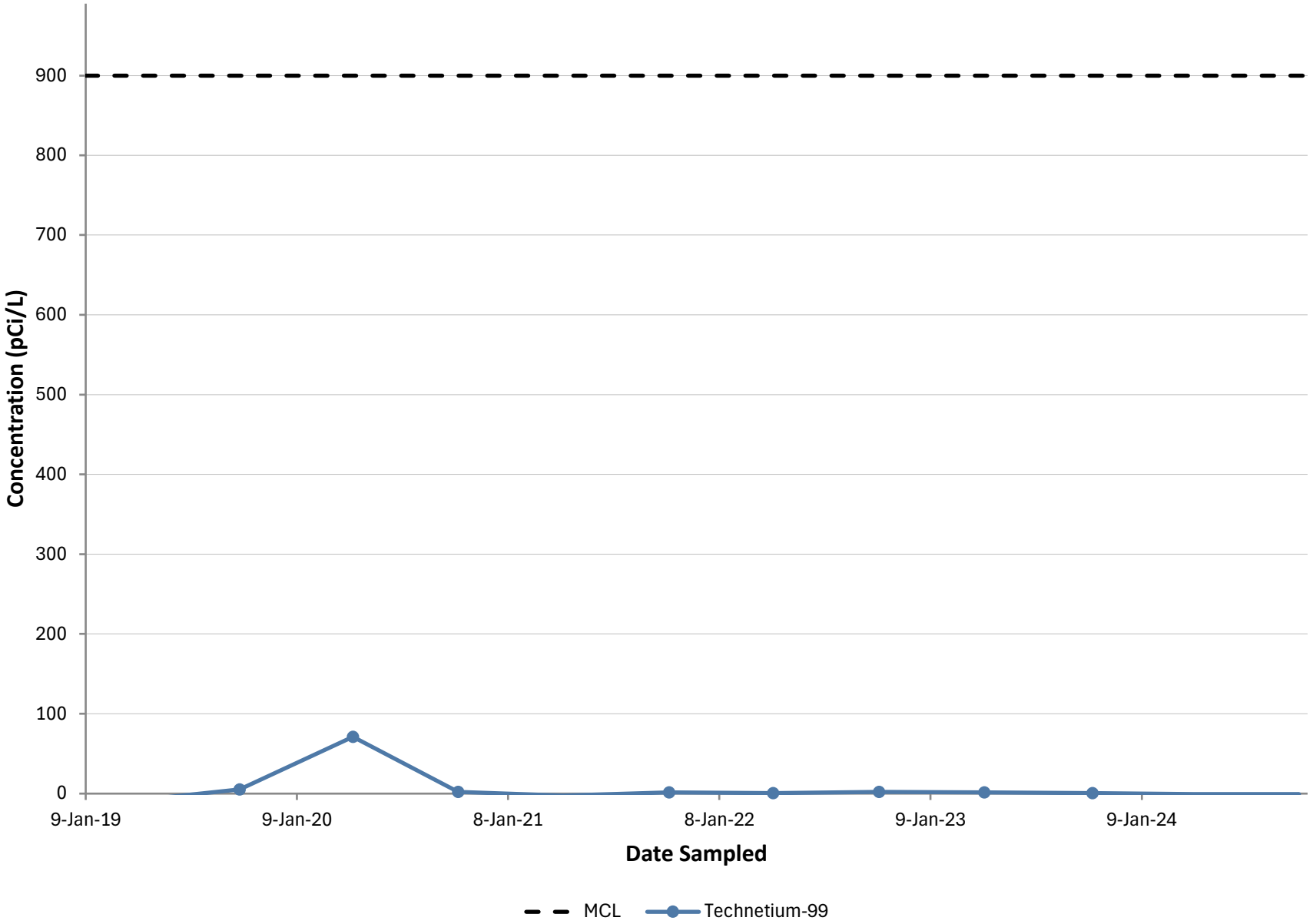
W-44

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



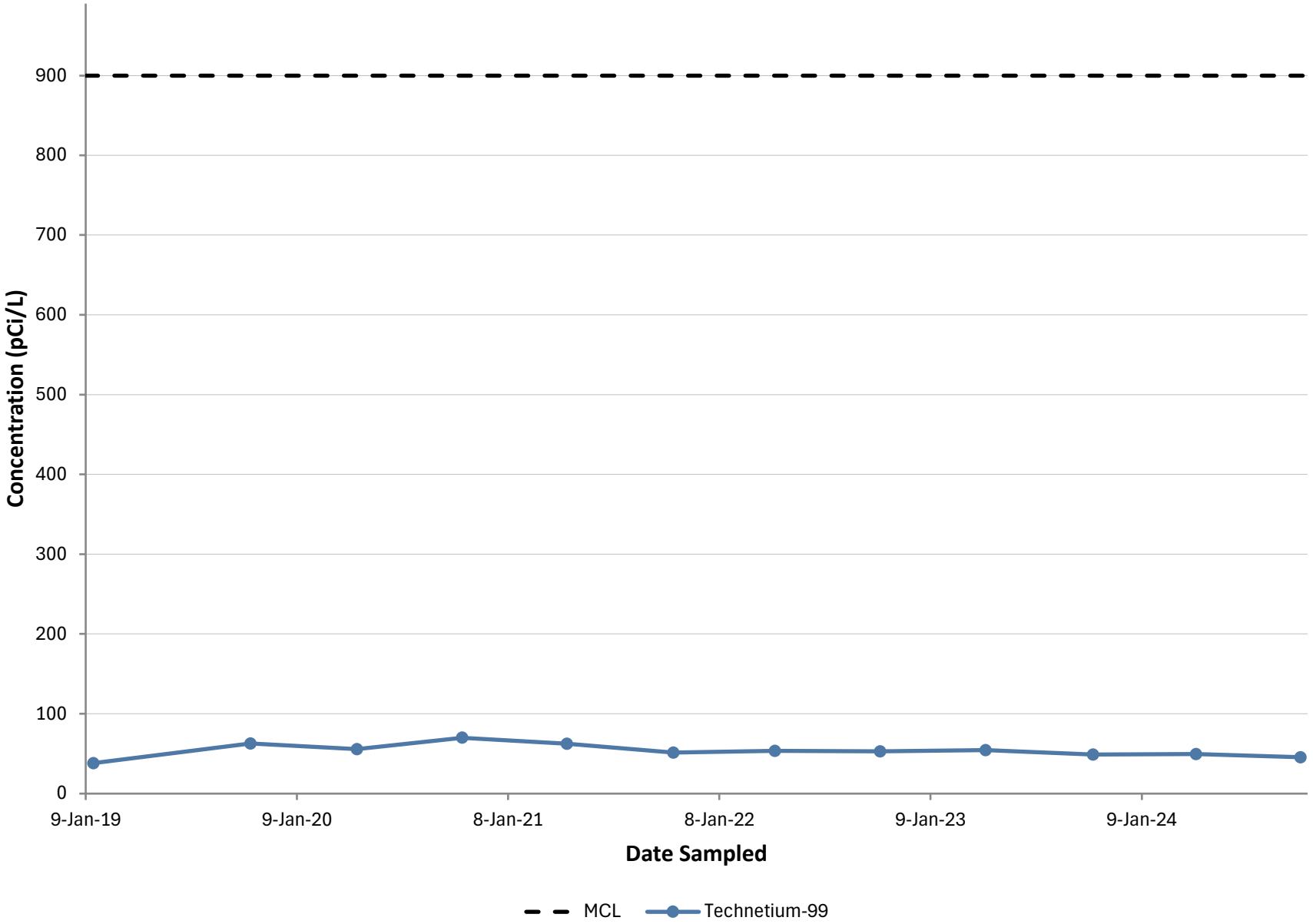
W-45

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



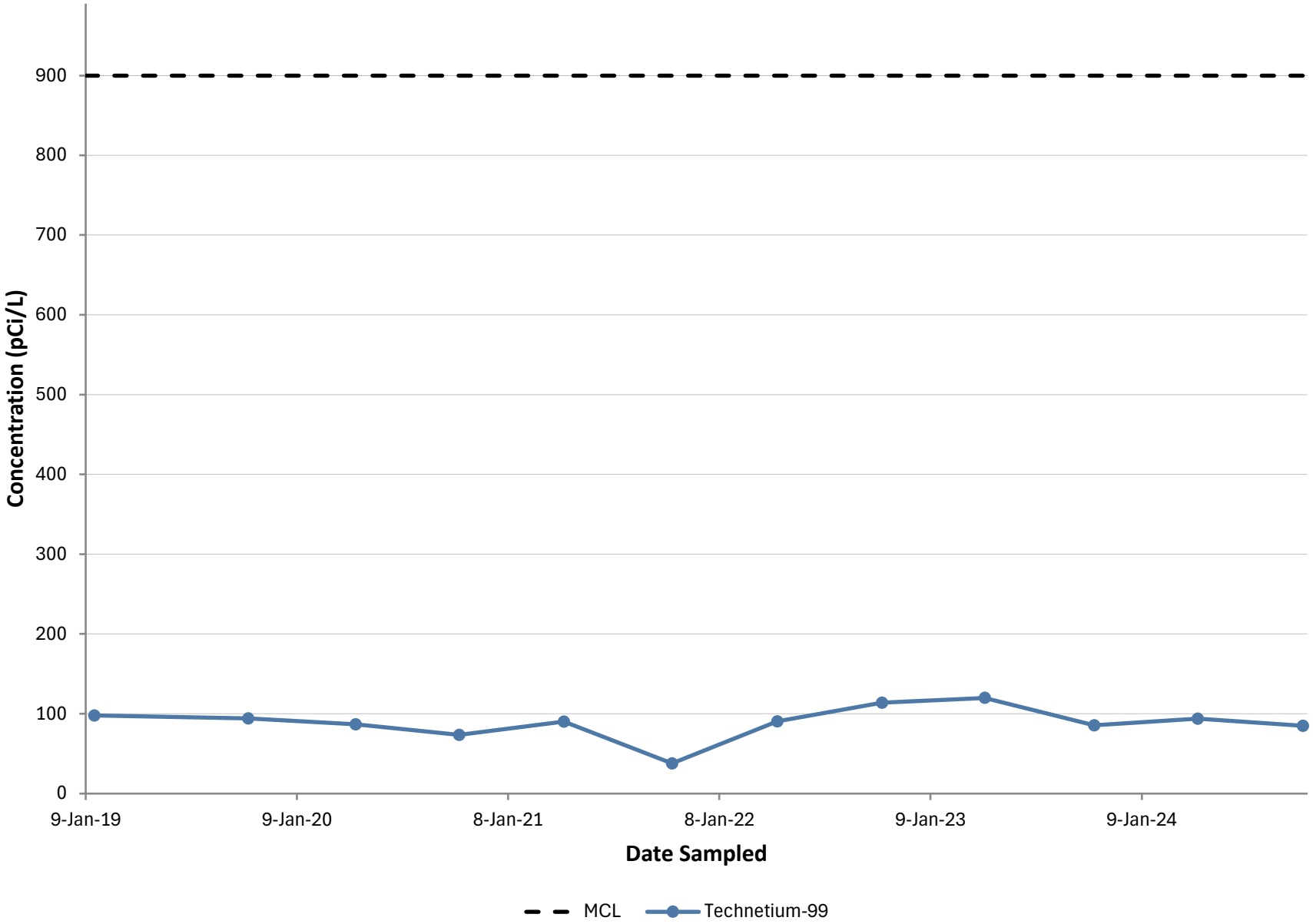
W-46

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



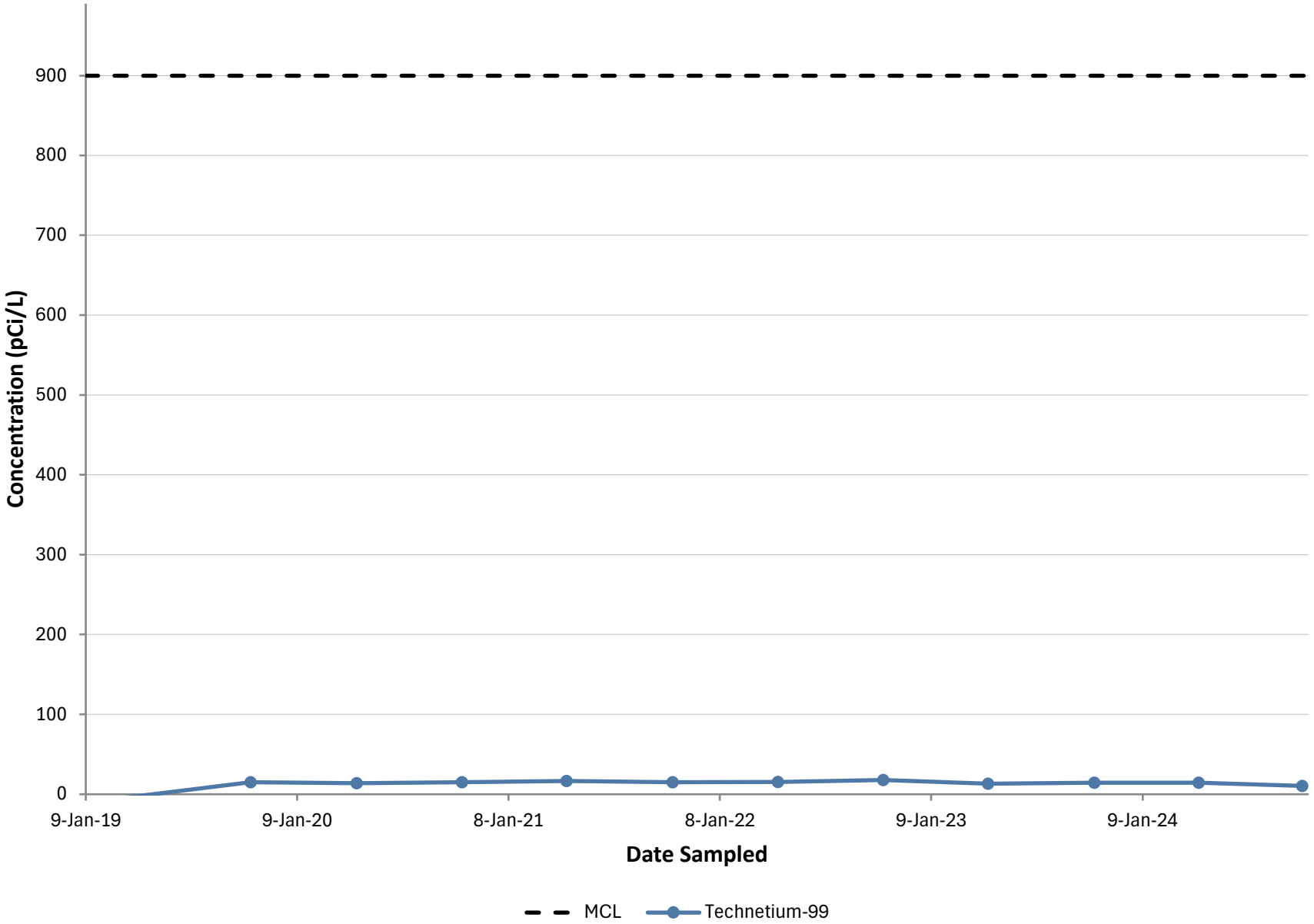
W-47

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



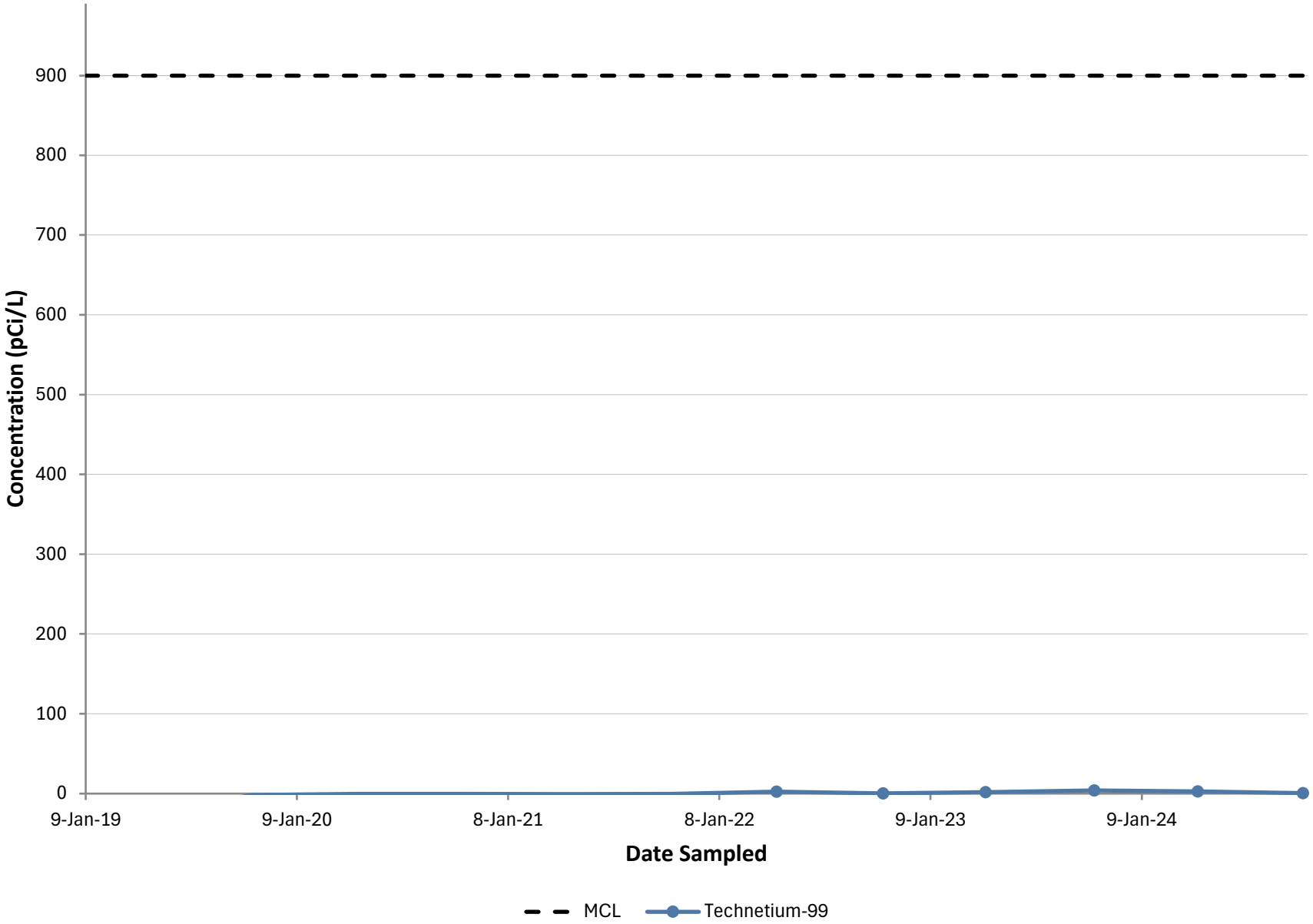
W-48

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



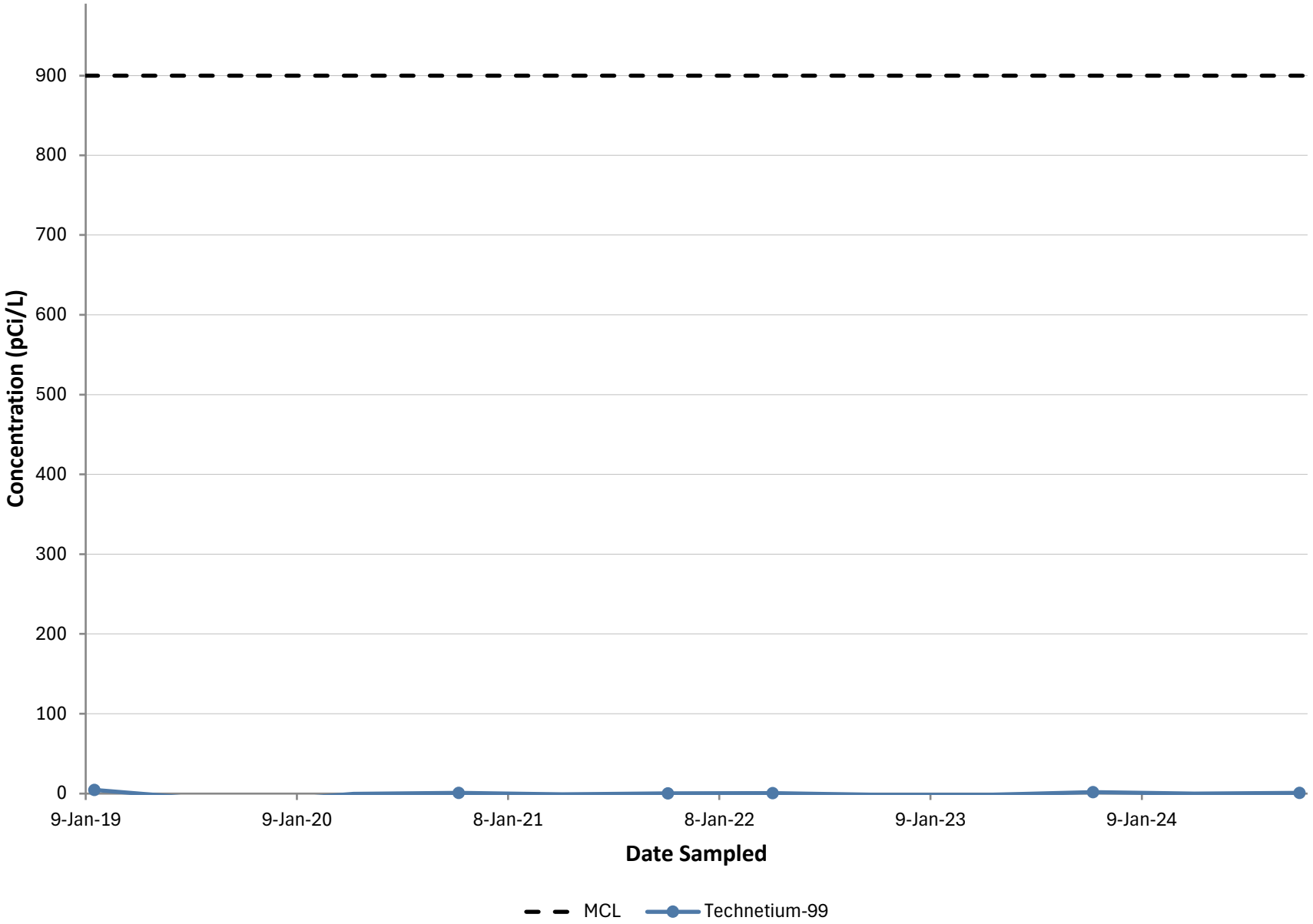
W-49

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



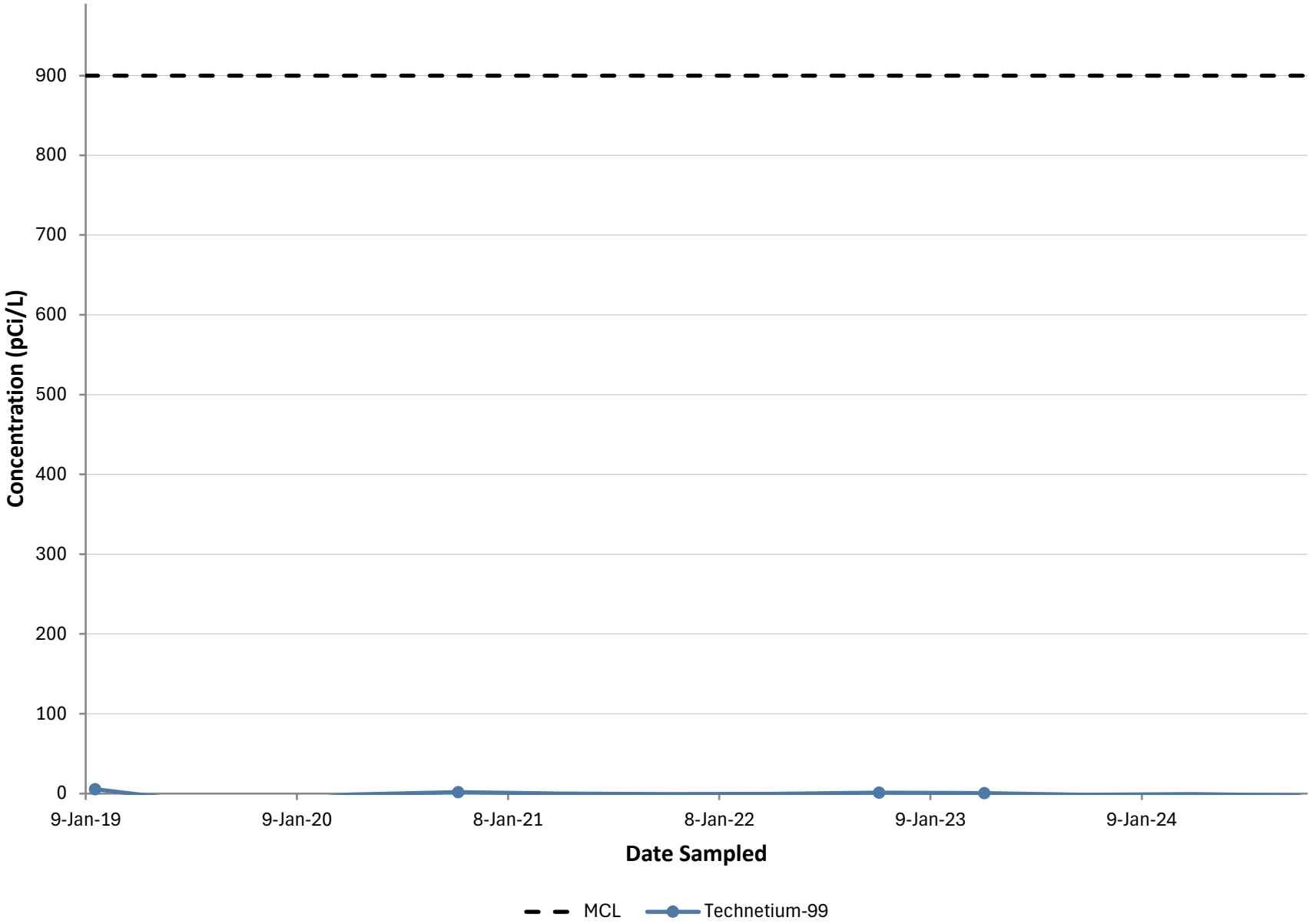
W-50

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



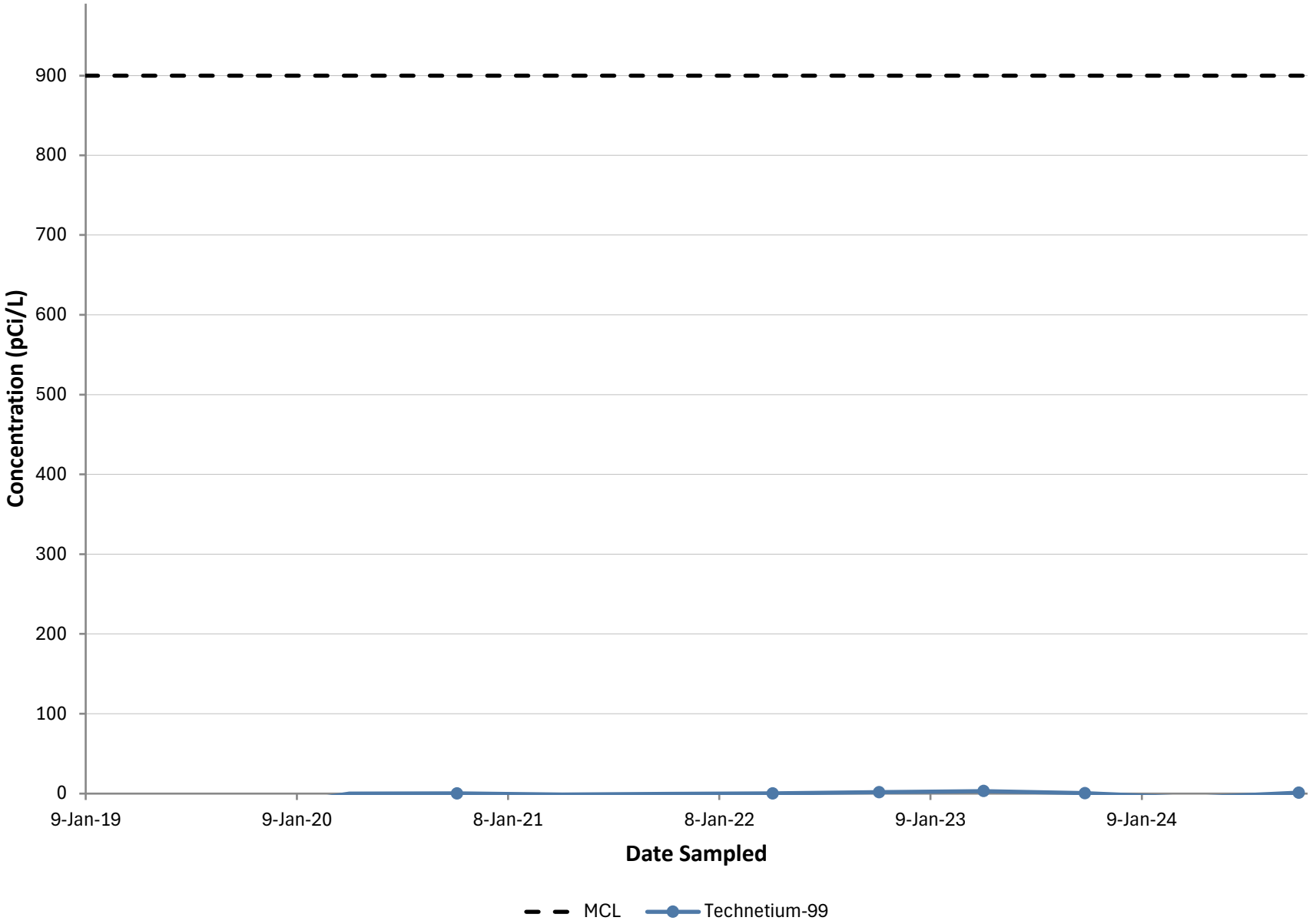
W-51

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



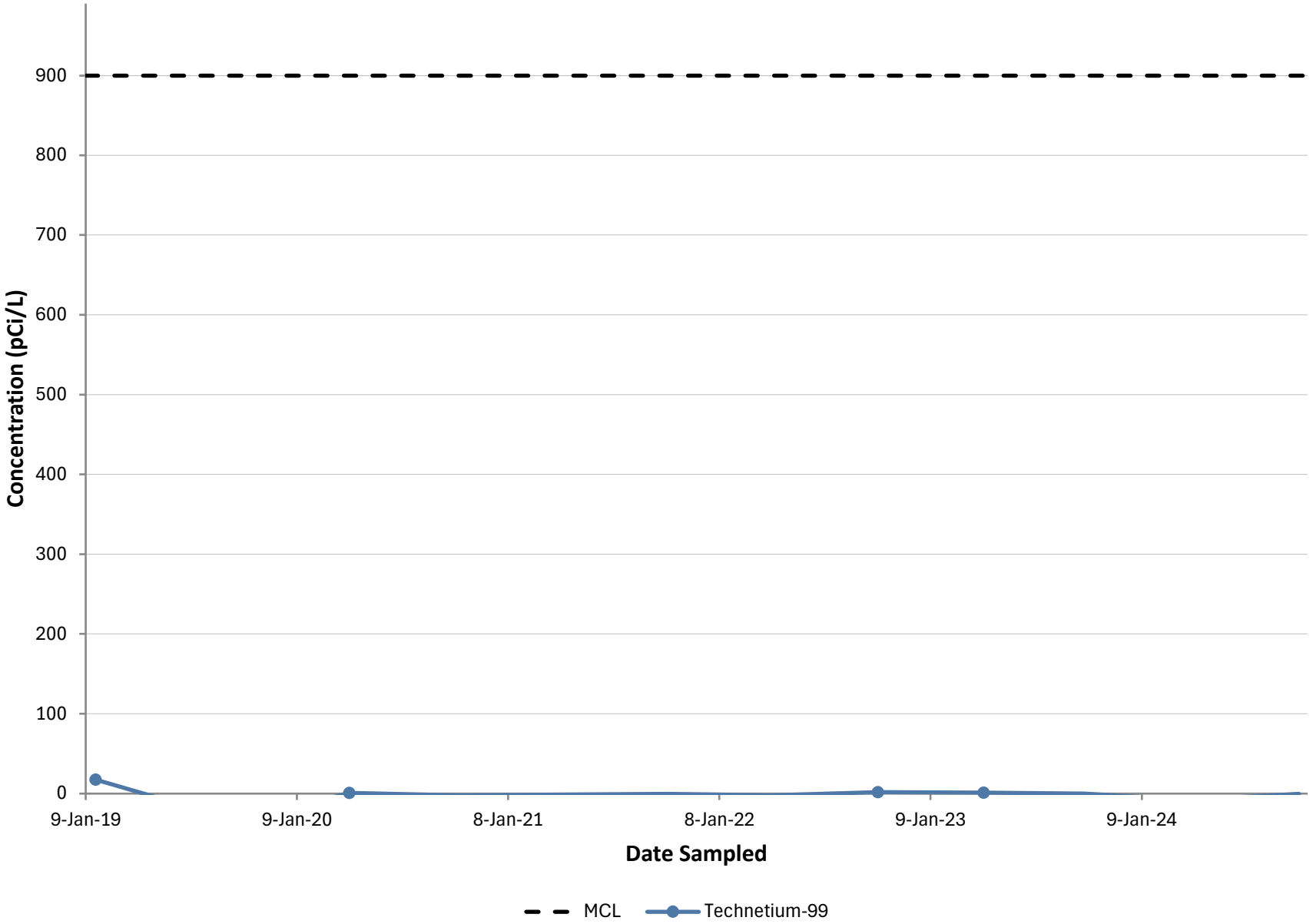
W-52

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



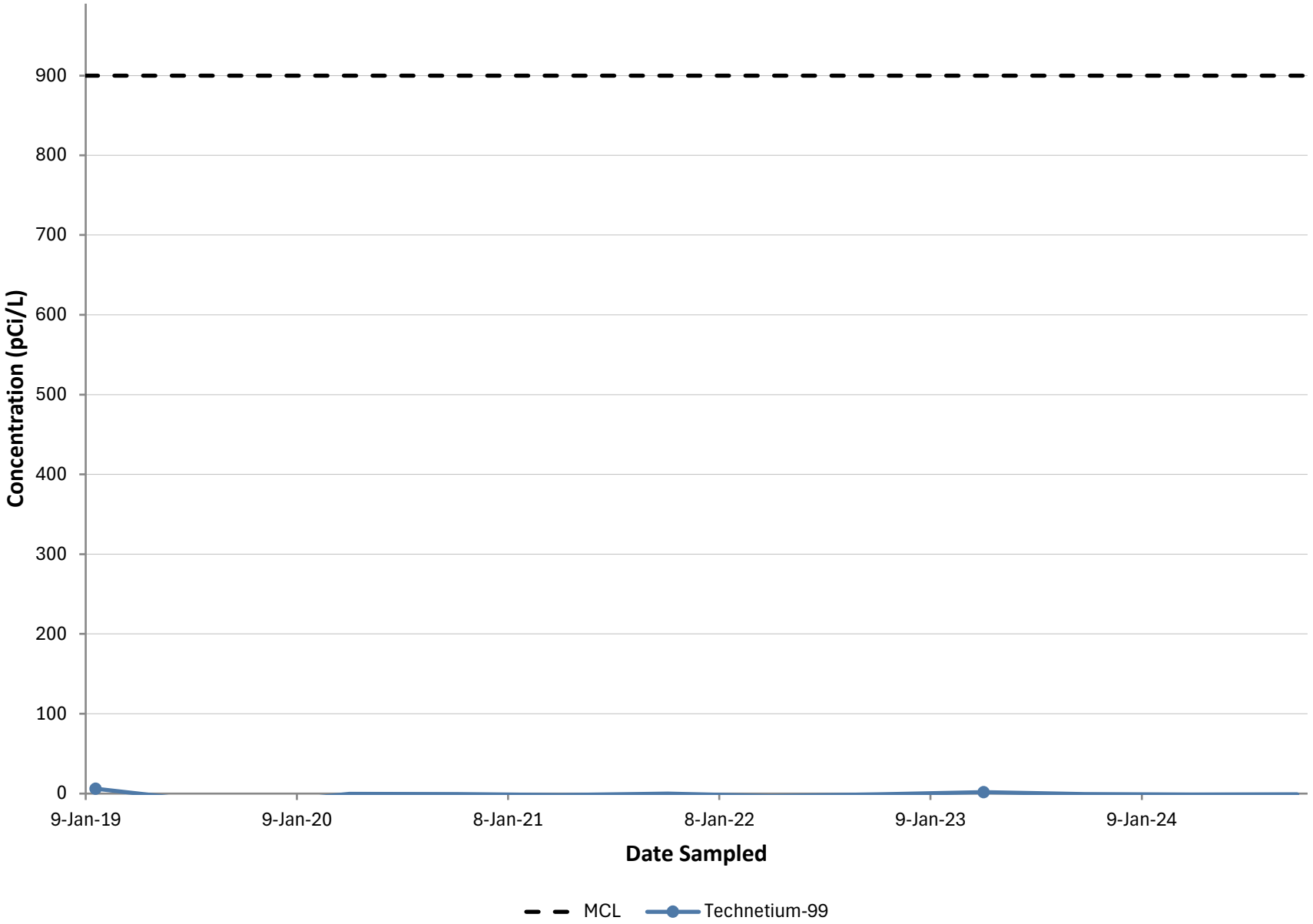
W-53

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



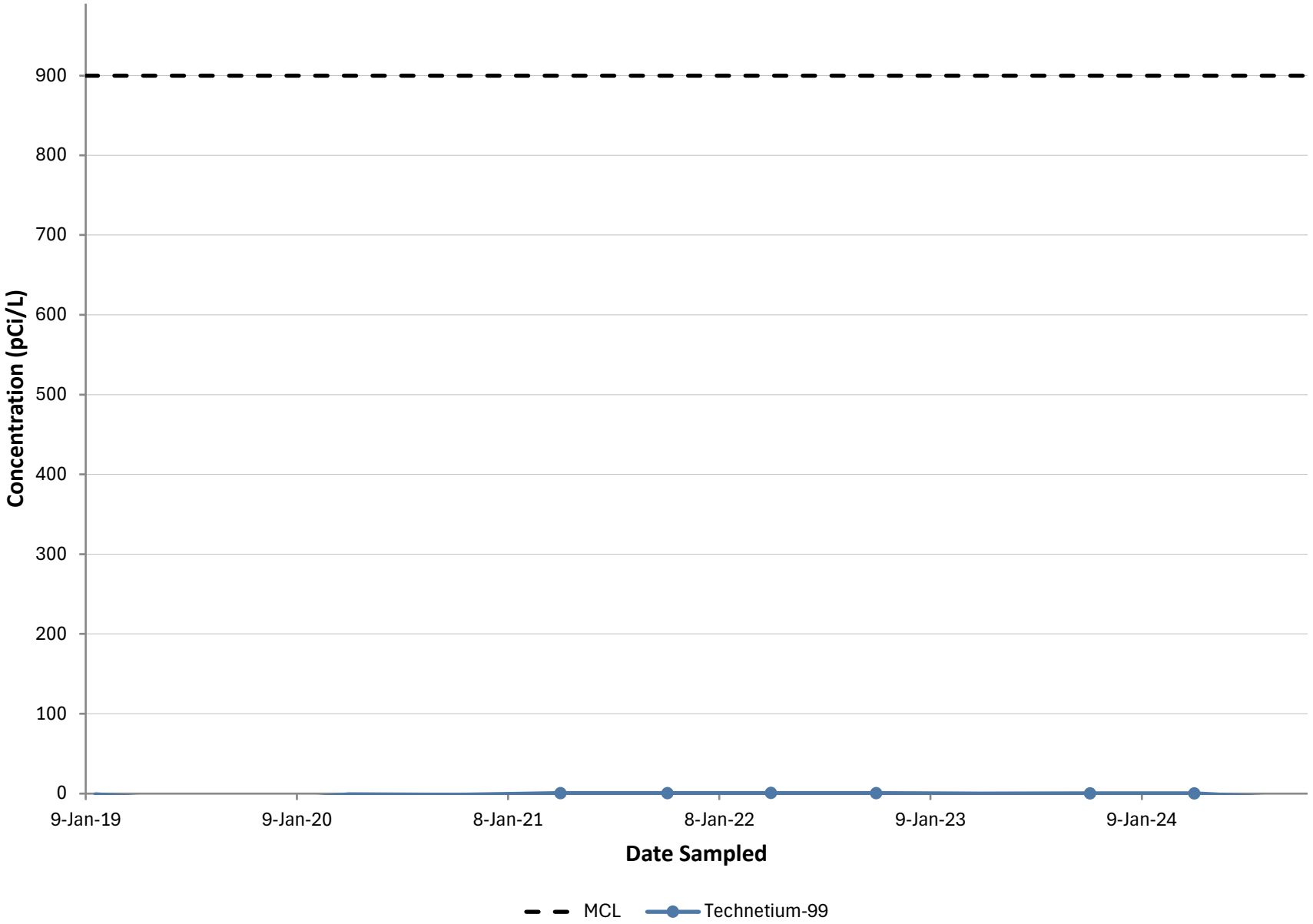
W-54

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



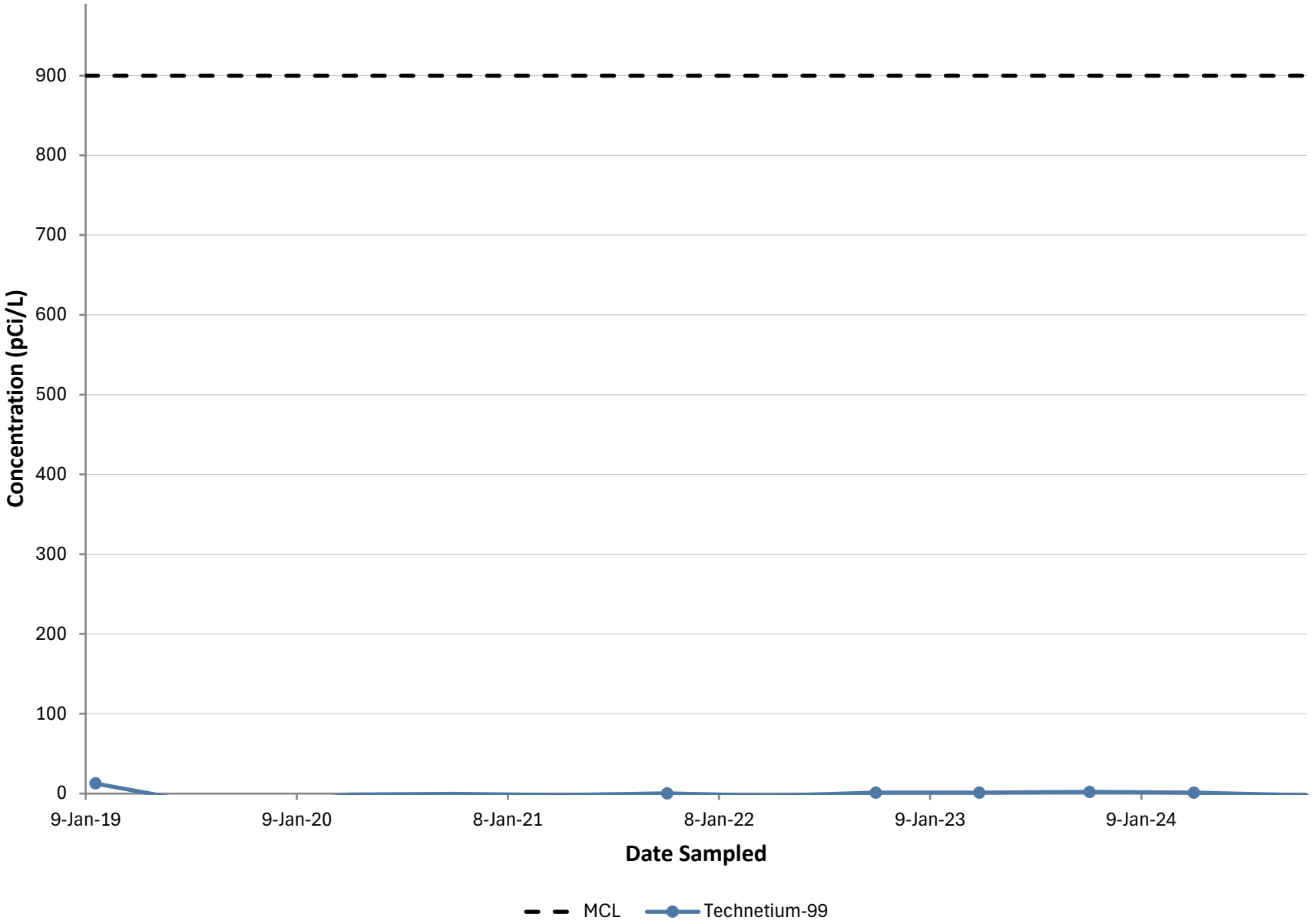
W-55

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



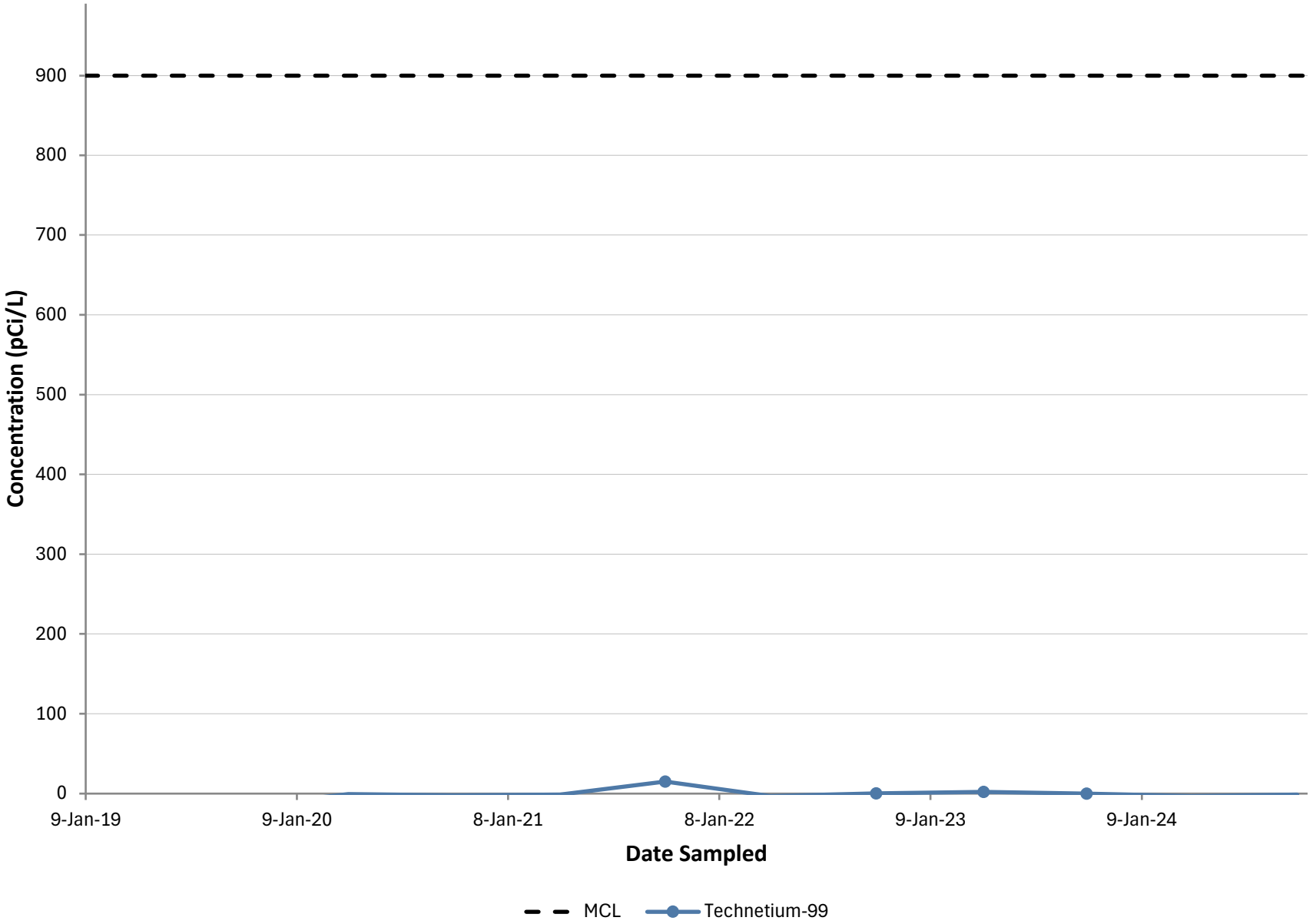
W-56

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



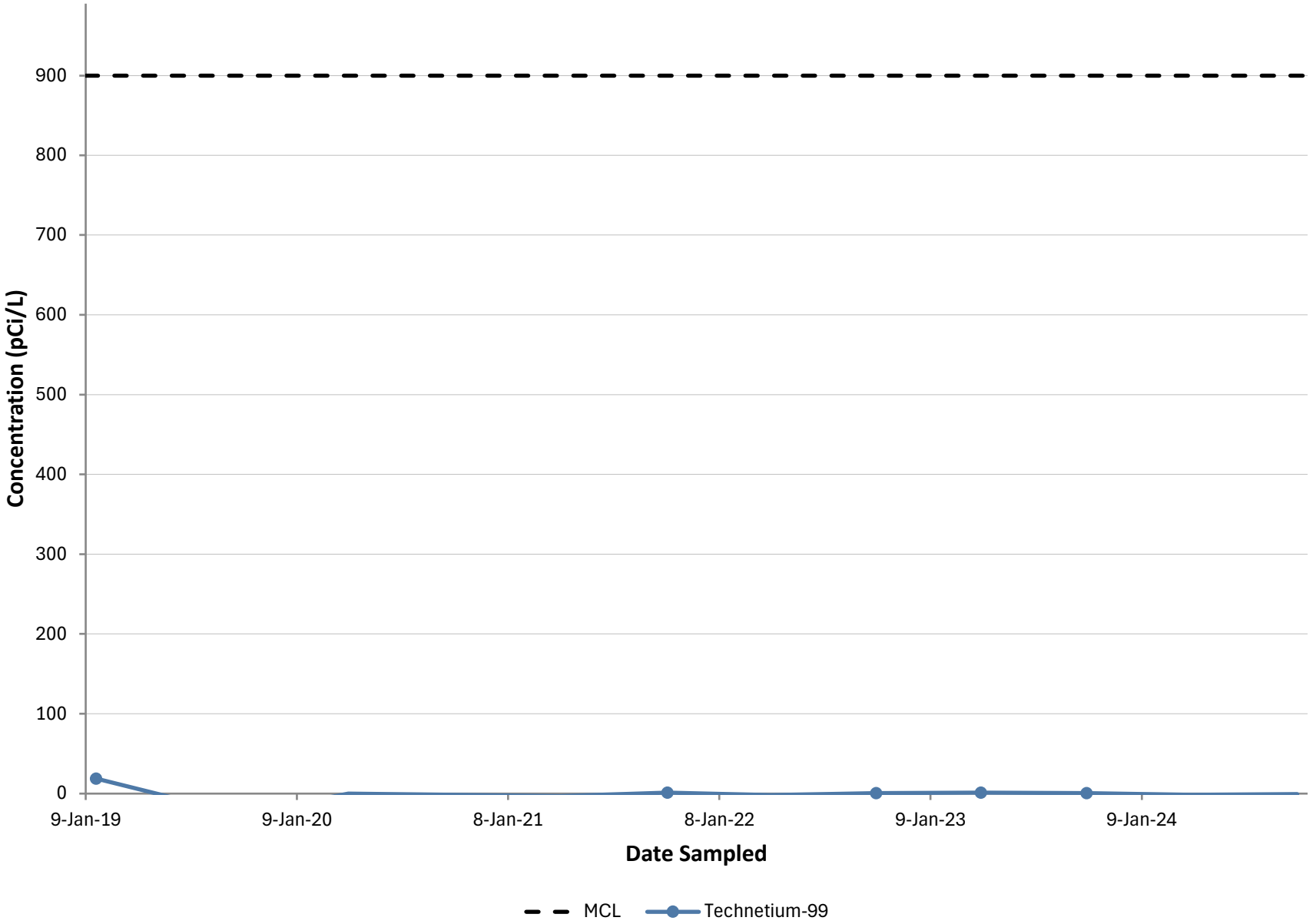
W-57

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



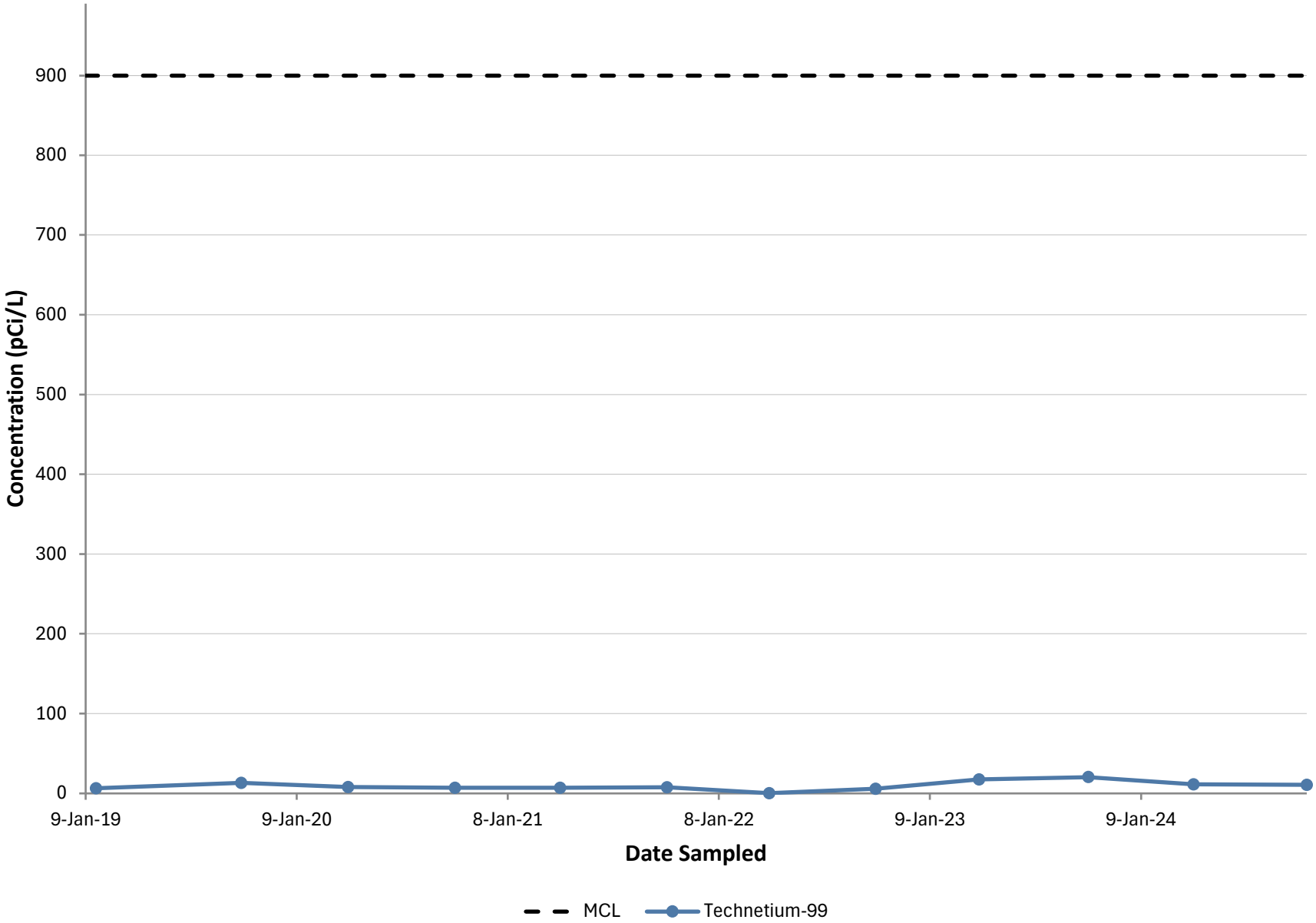
W-58

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



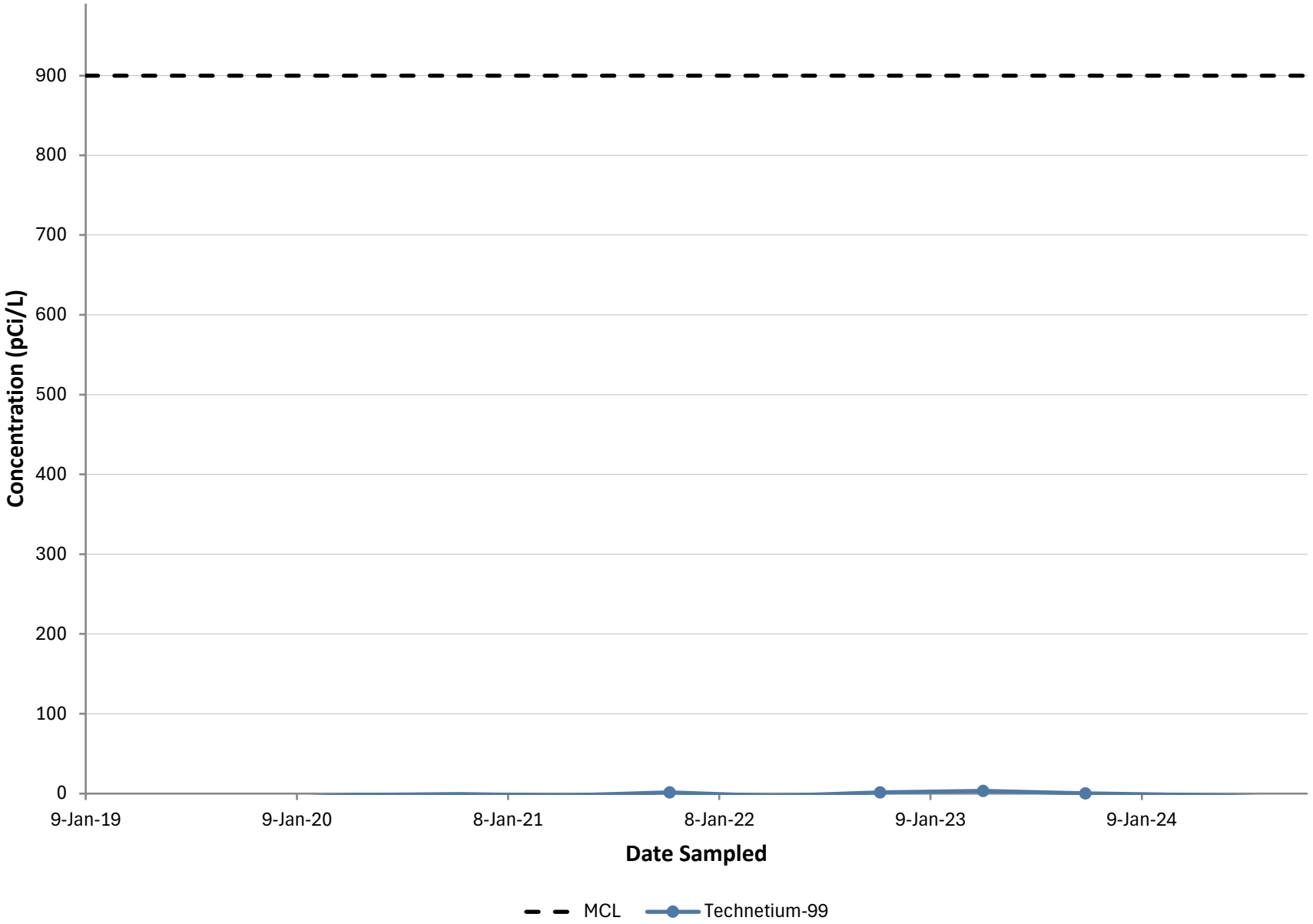
W-59

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



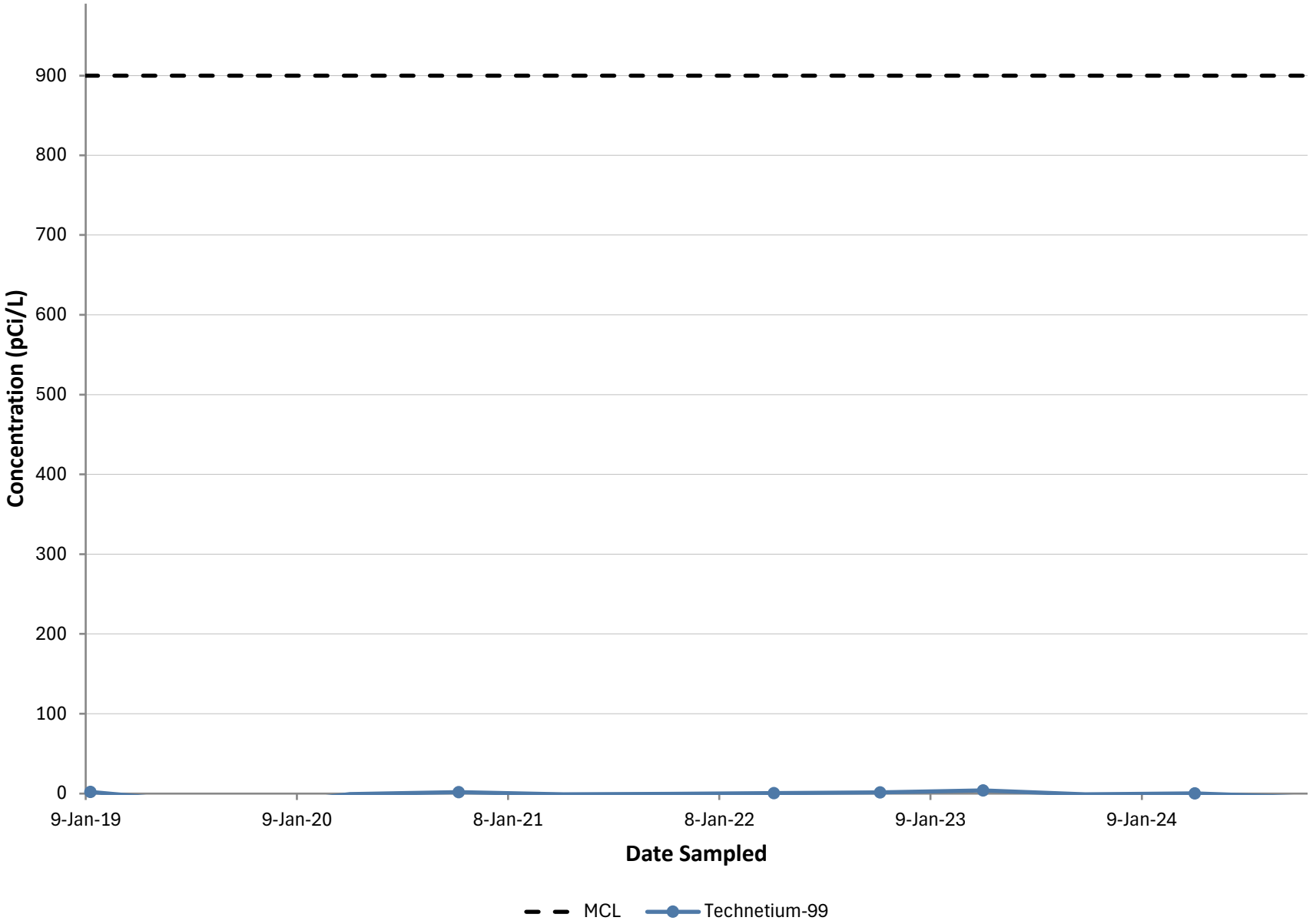
W-60

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



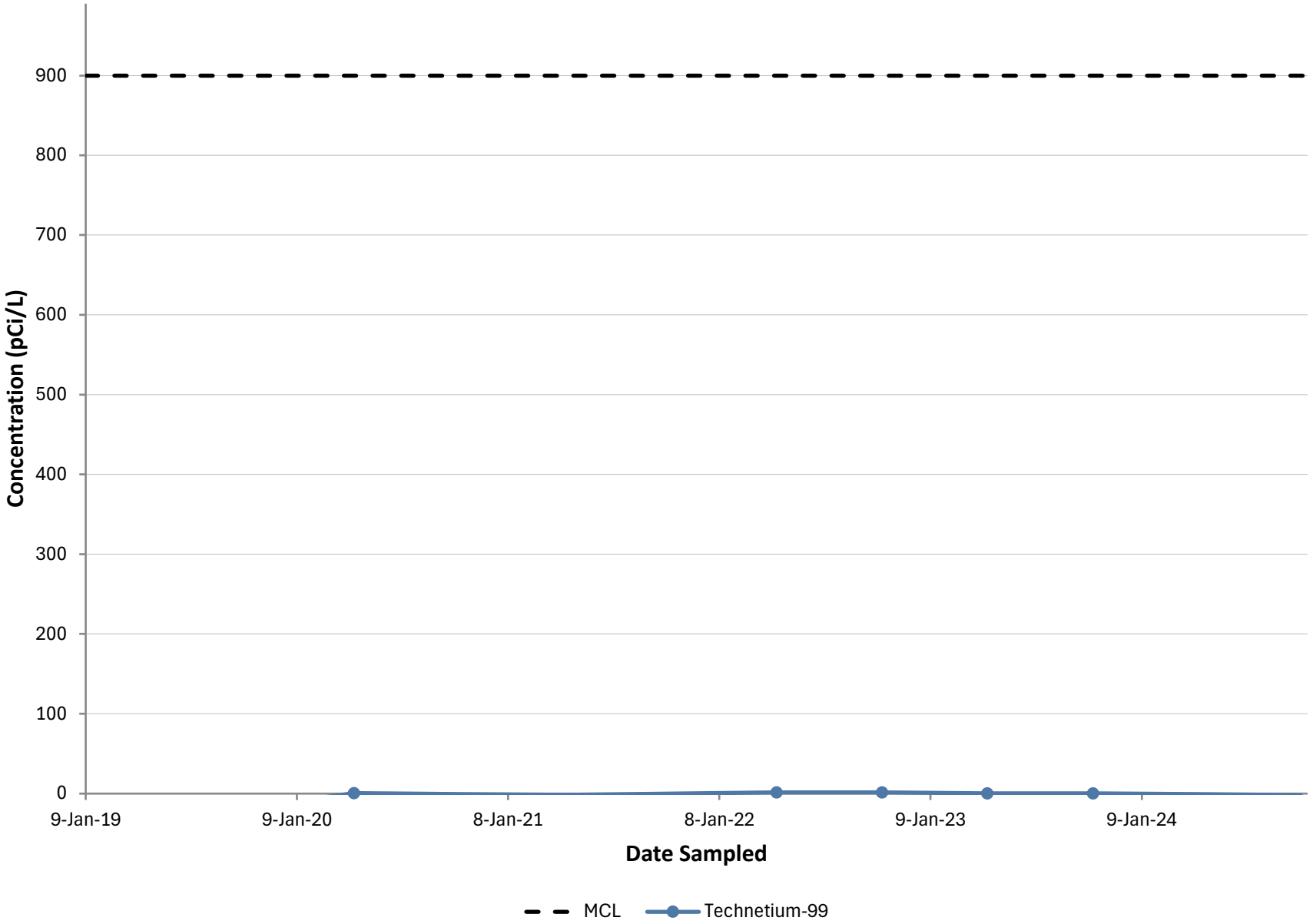
W-61

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



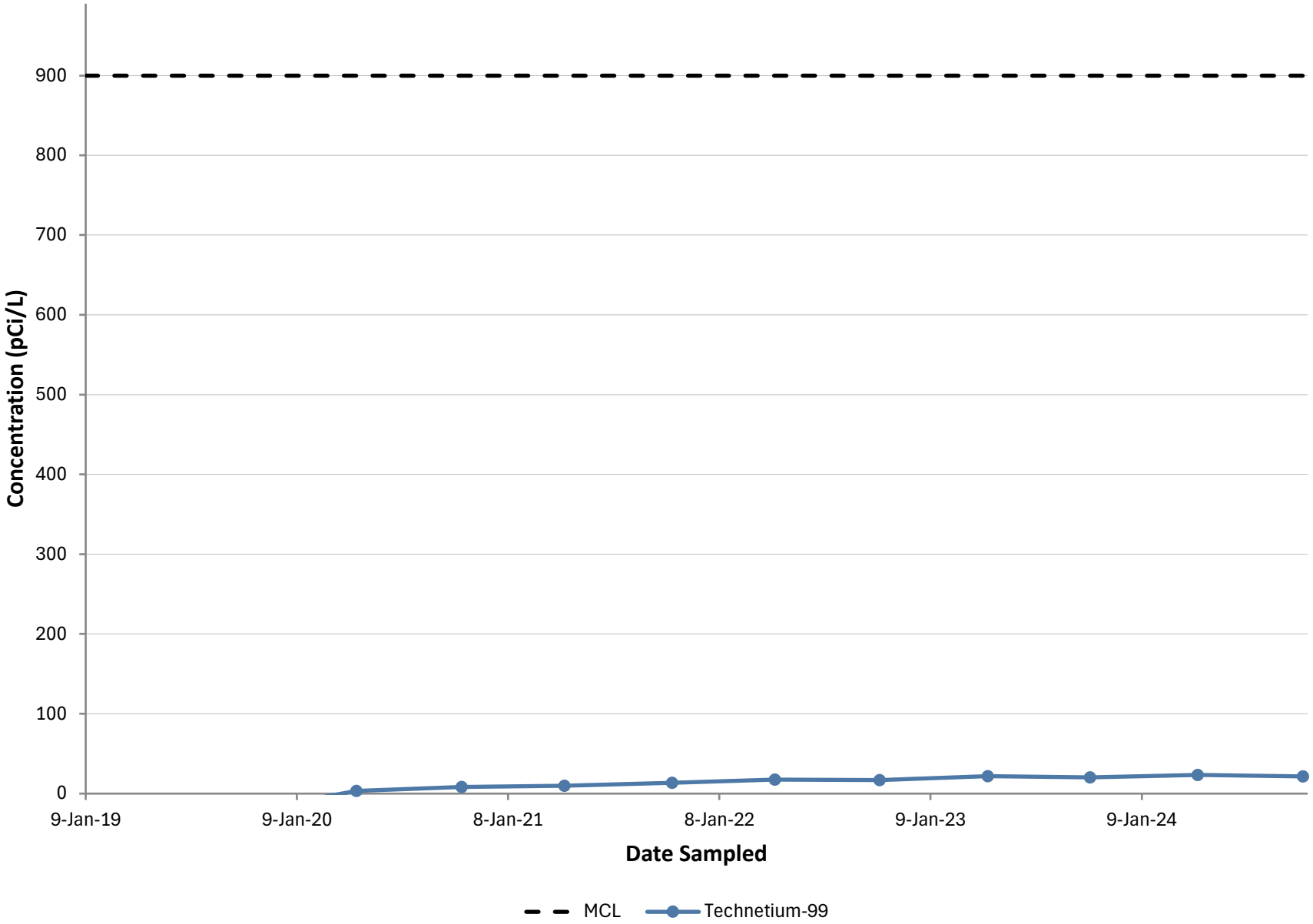
W-62

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



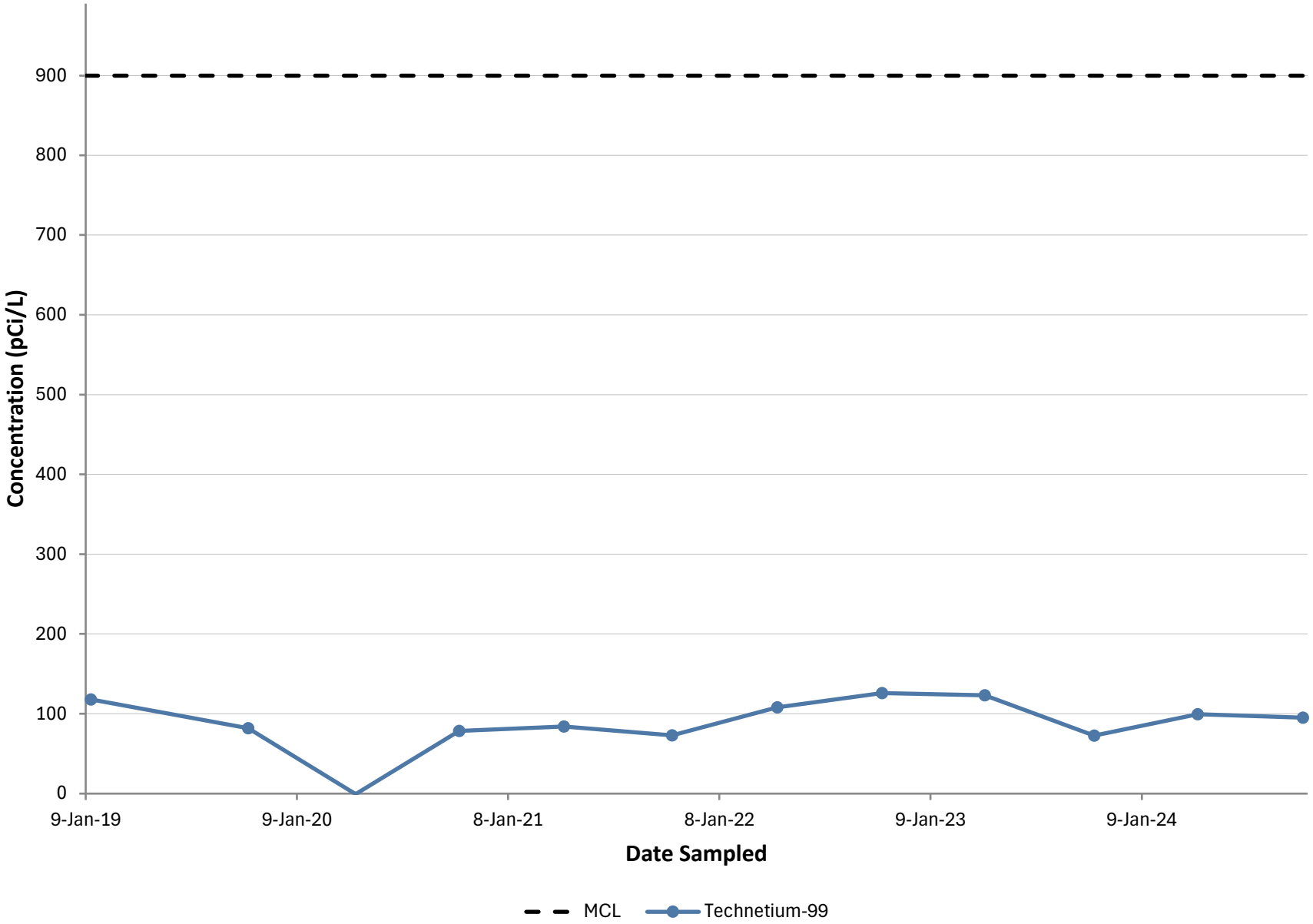
W-63

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



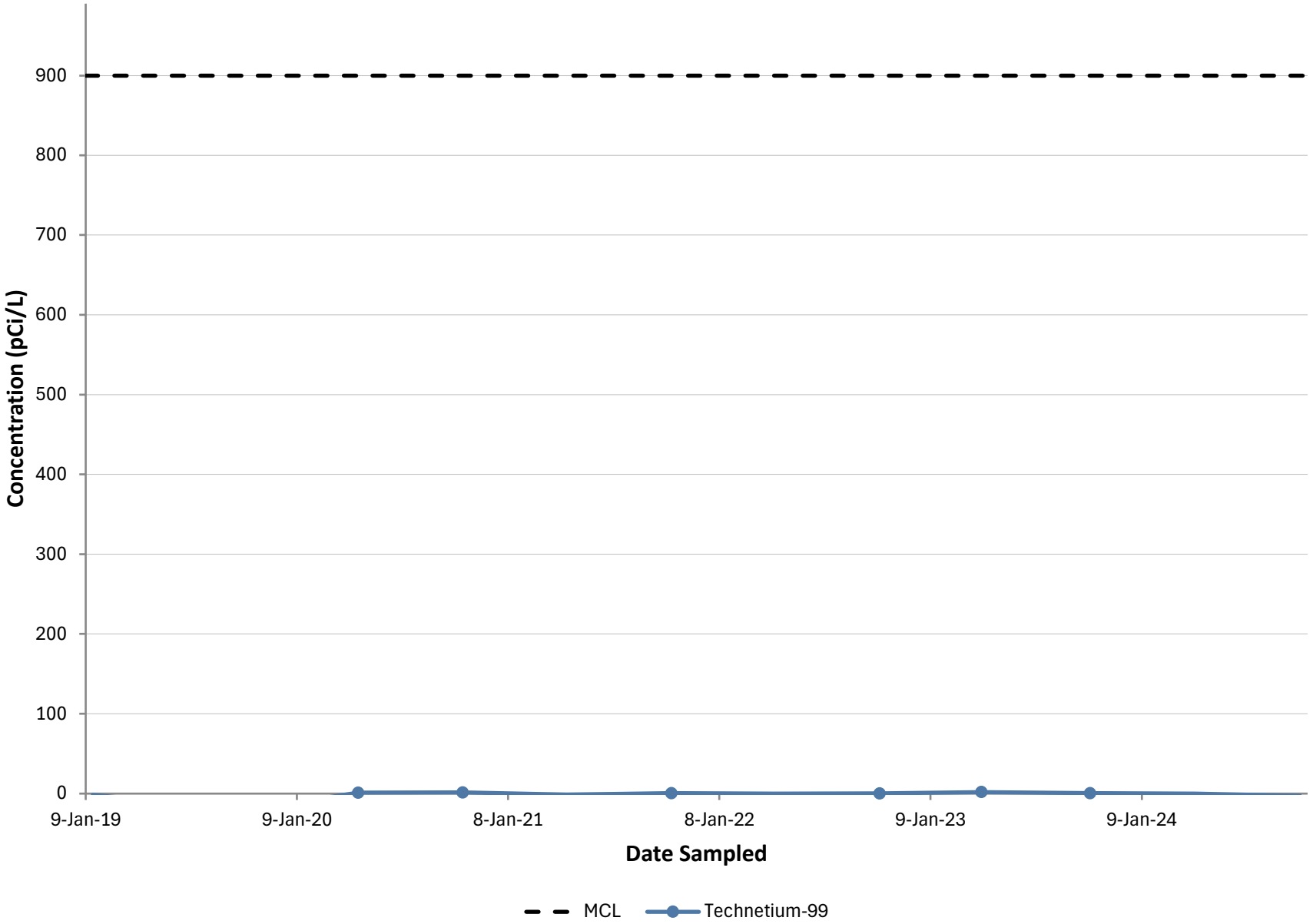
W-64

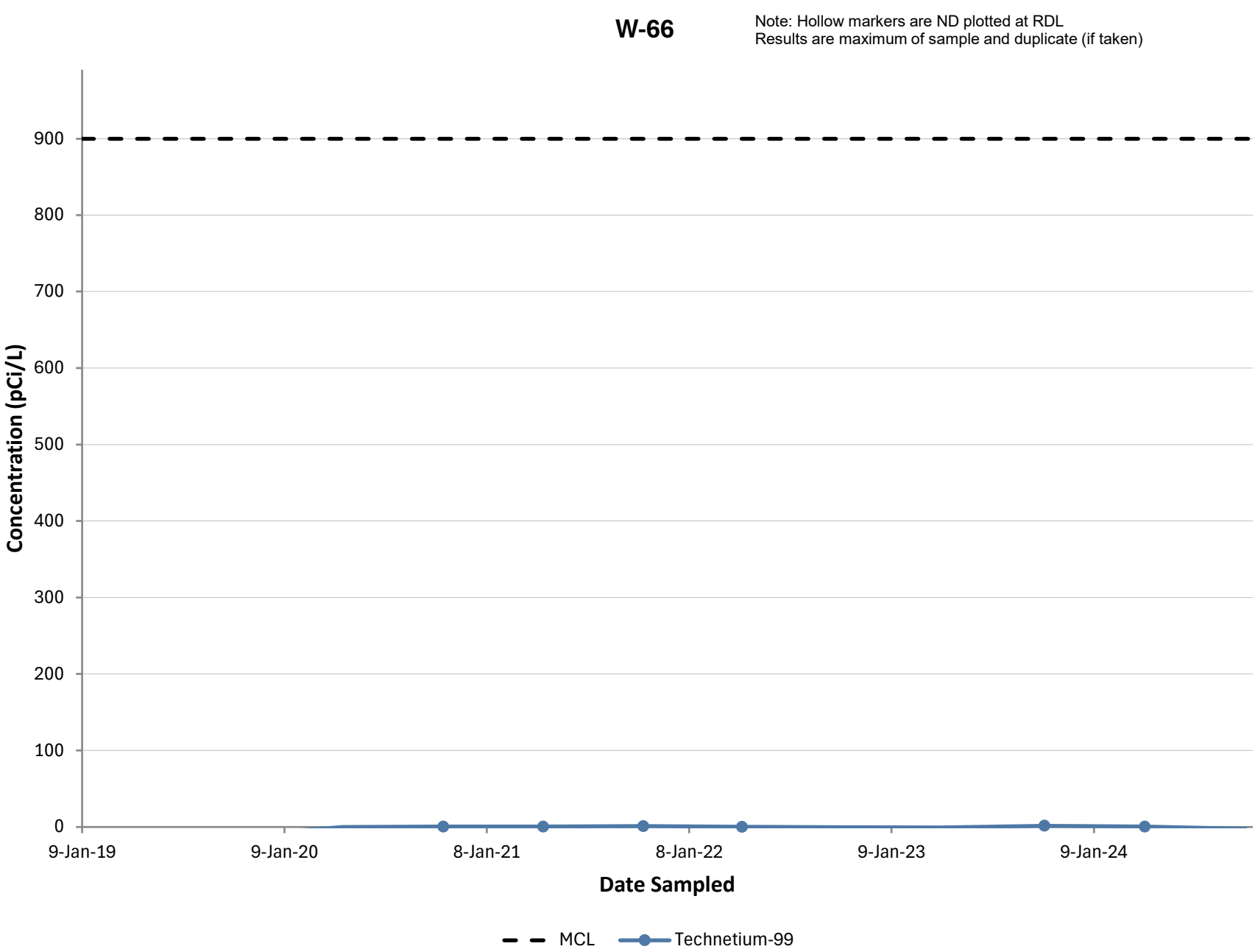
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-65

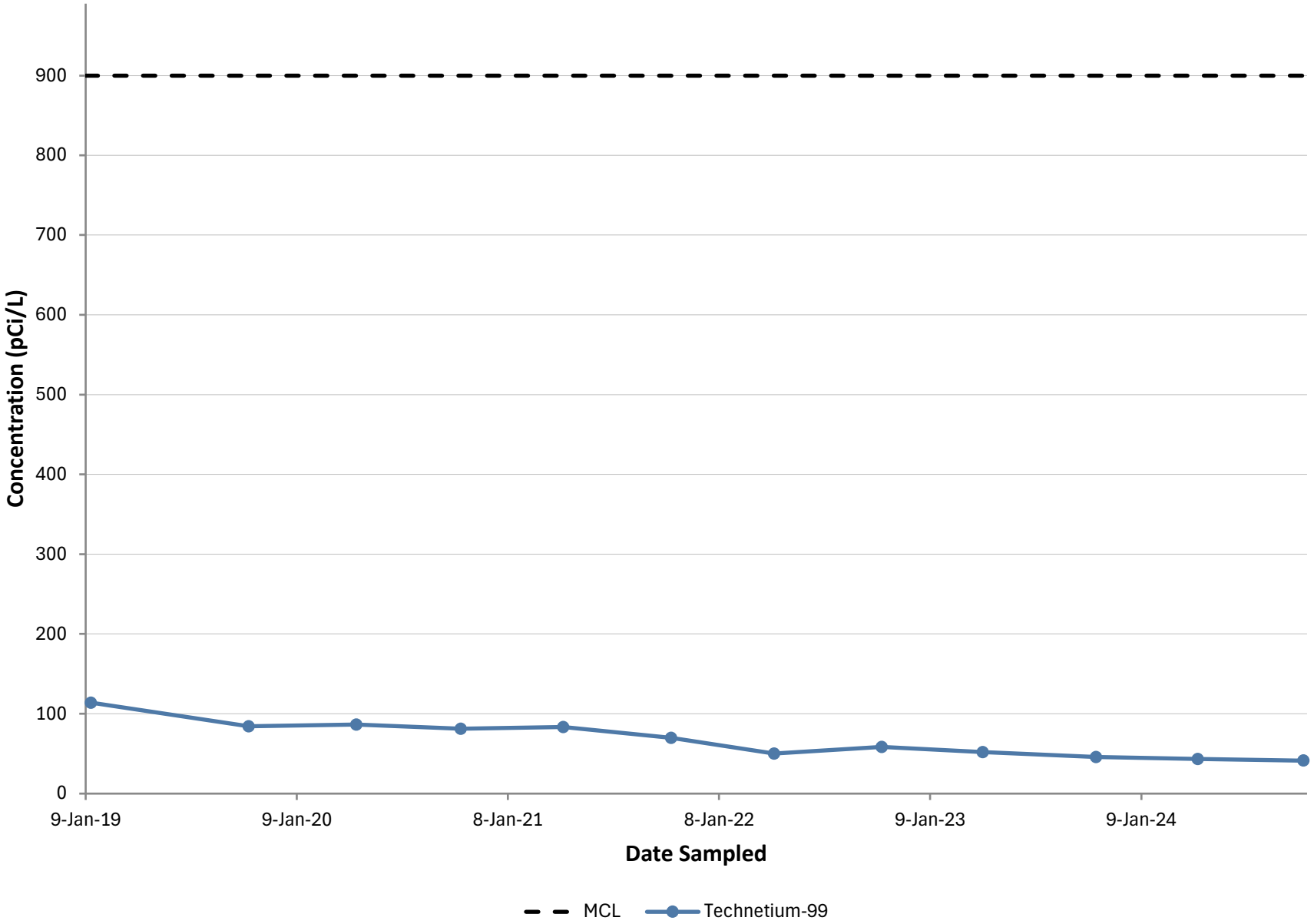
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-66
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
900
800
700
600
500
400
300
200
100
0
Concentration (pCi/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Technetium-99

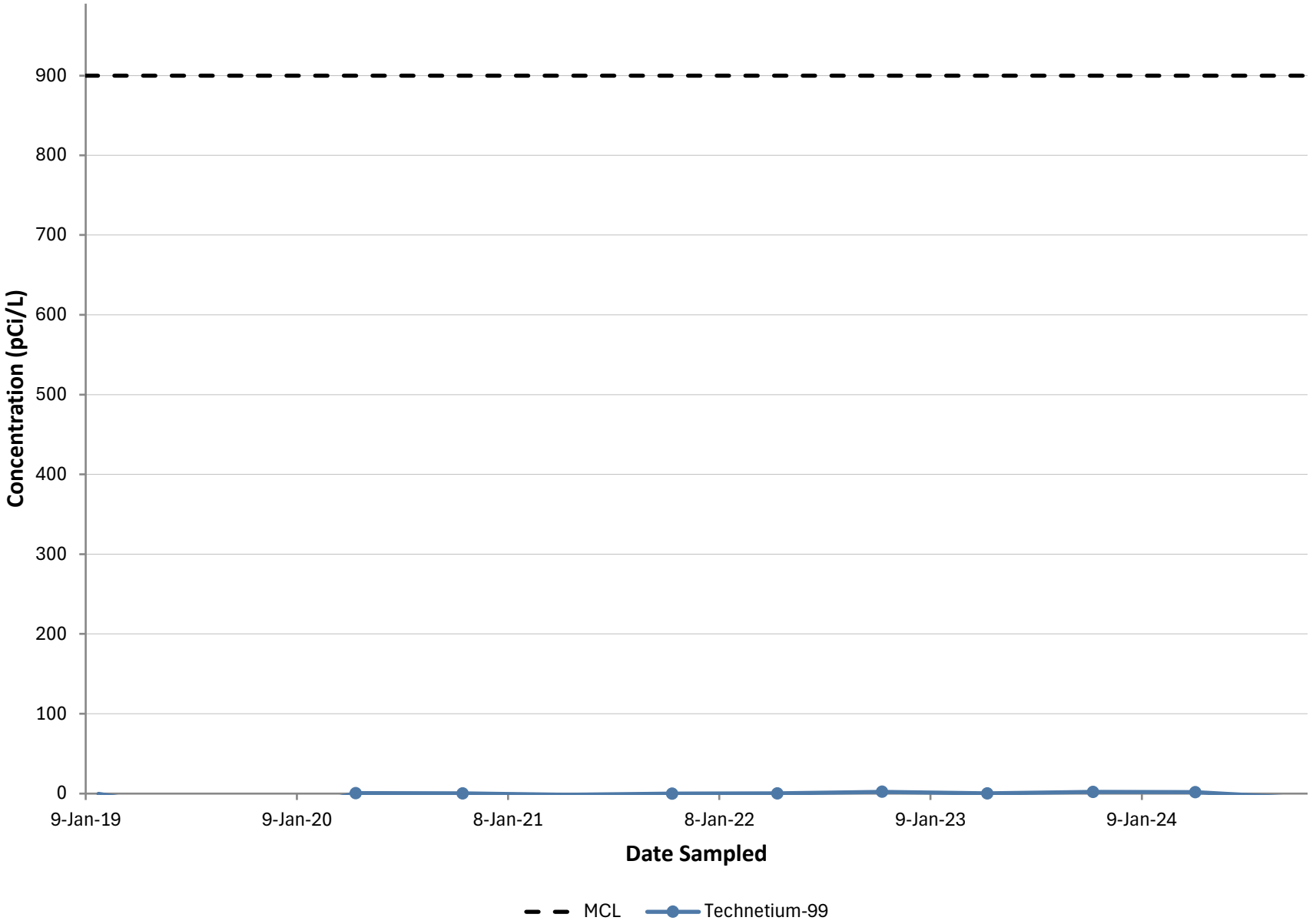
W-67

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



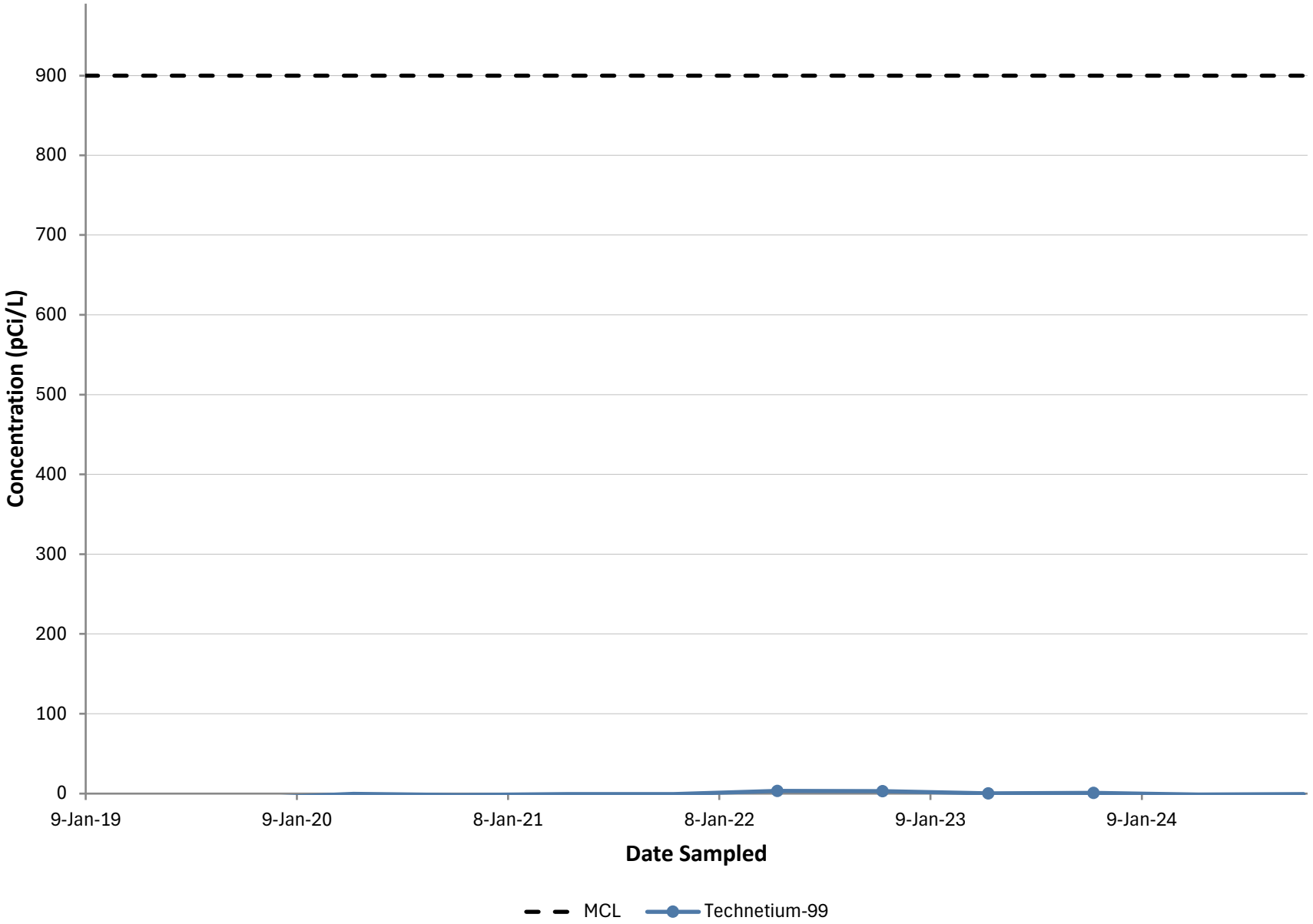
W-68

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



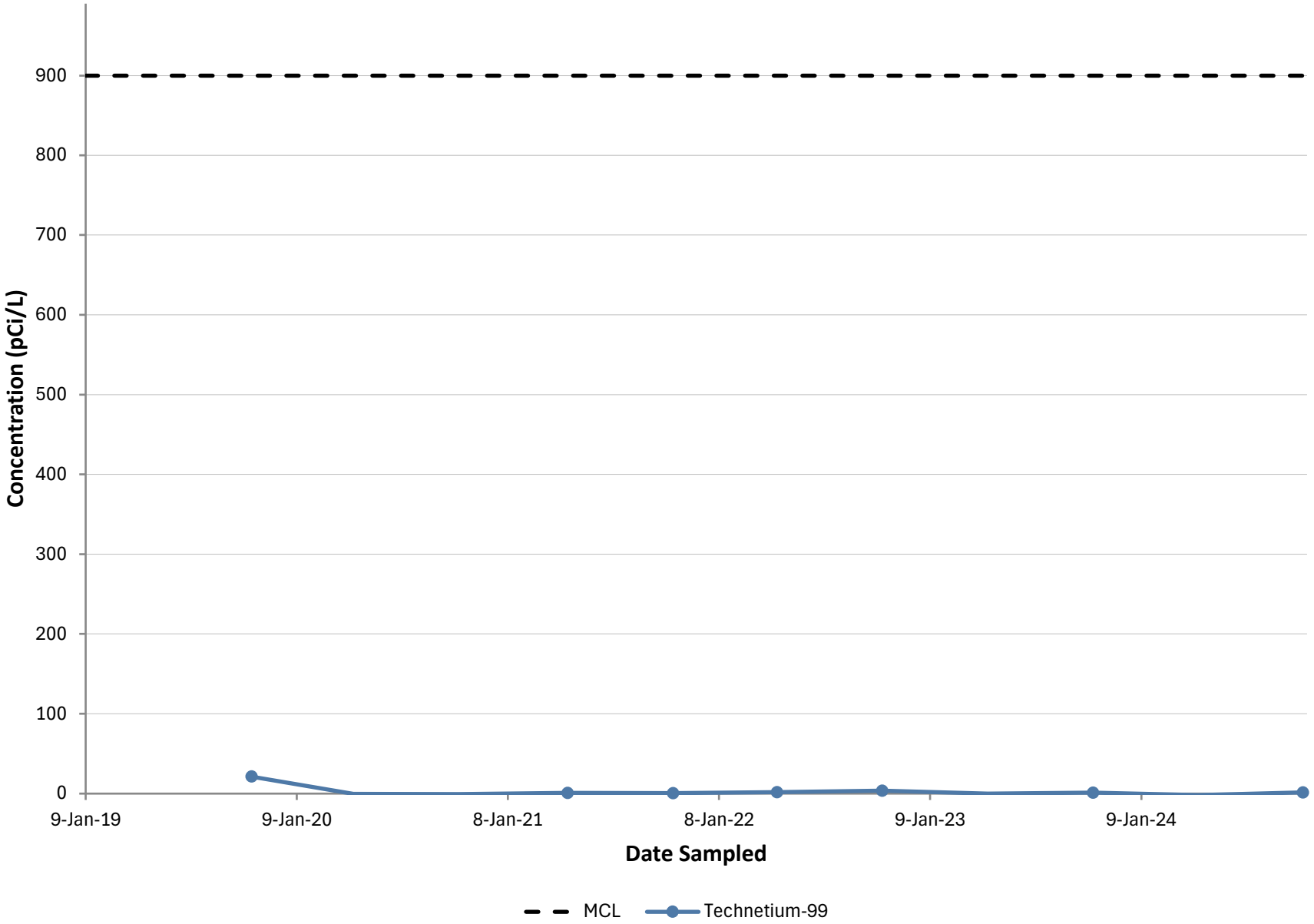
W-69

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



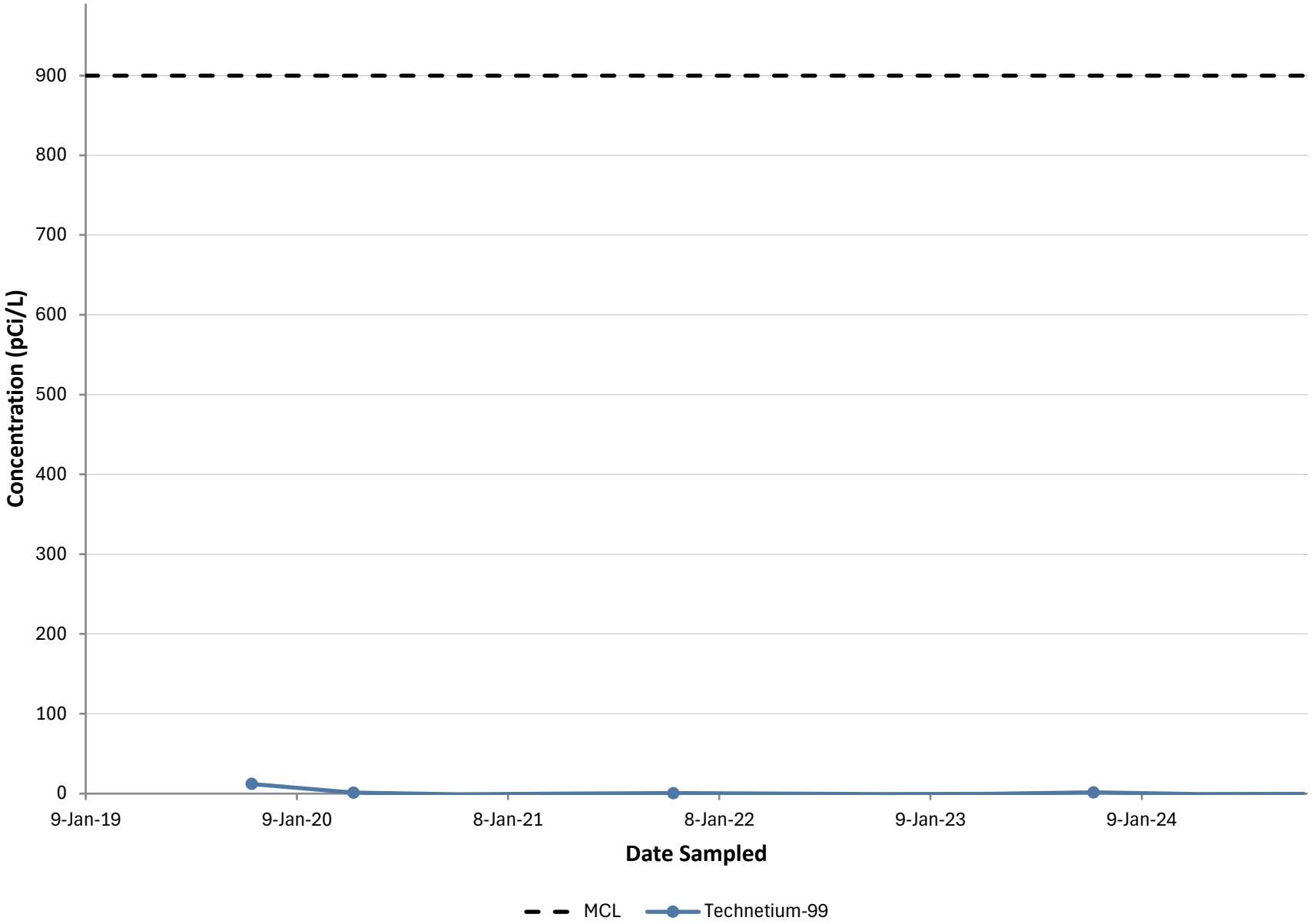
W-70

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



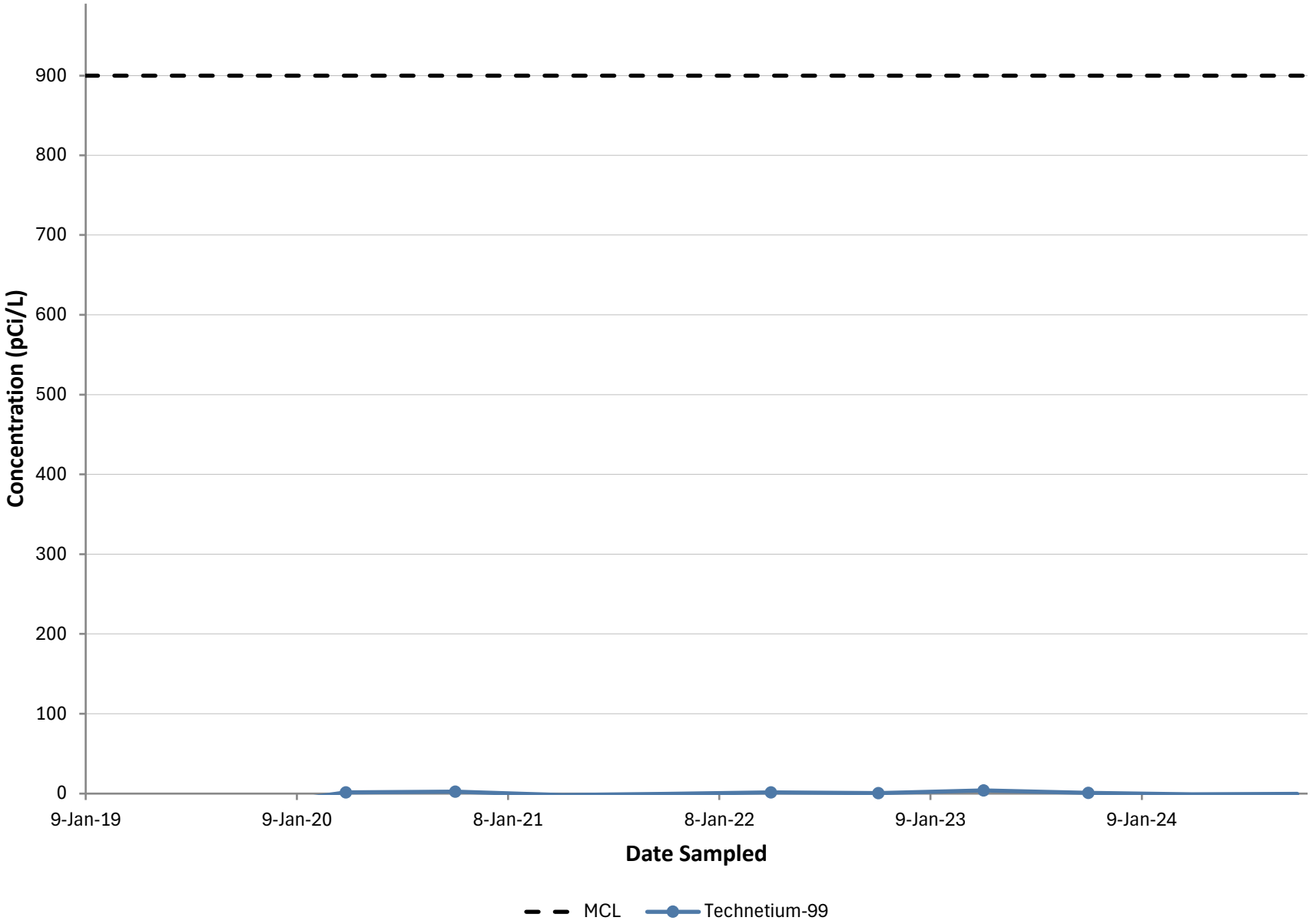
W-71

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



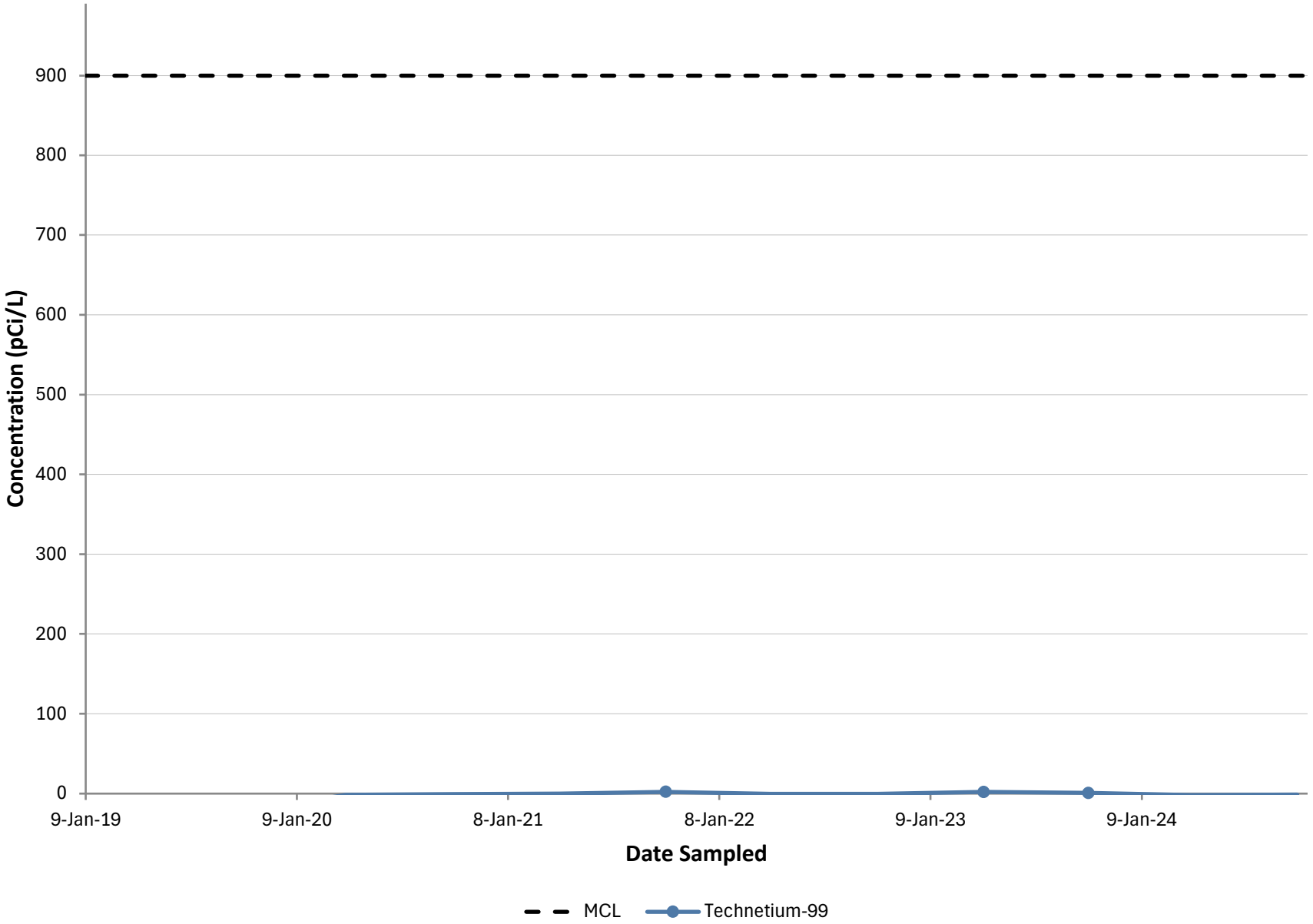
W-72

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



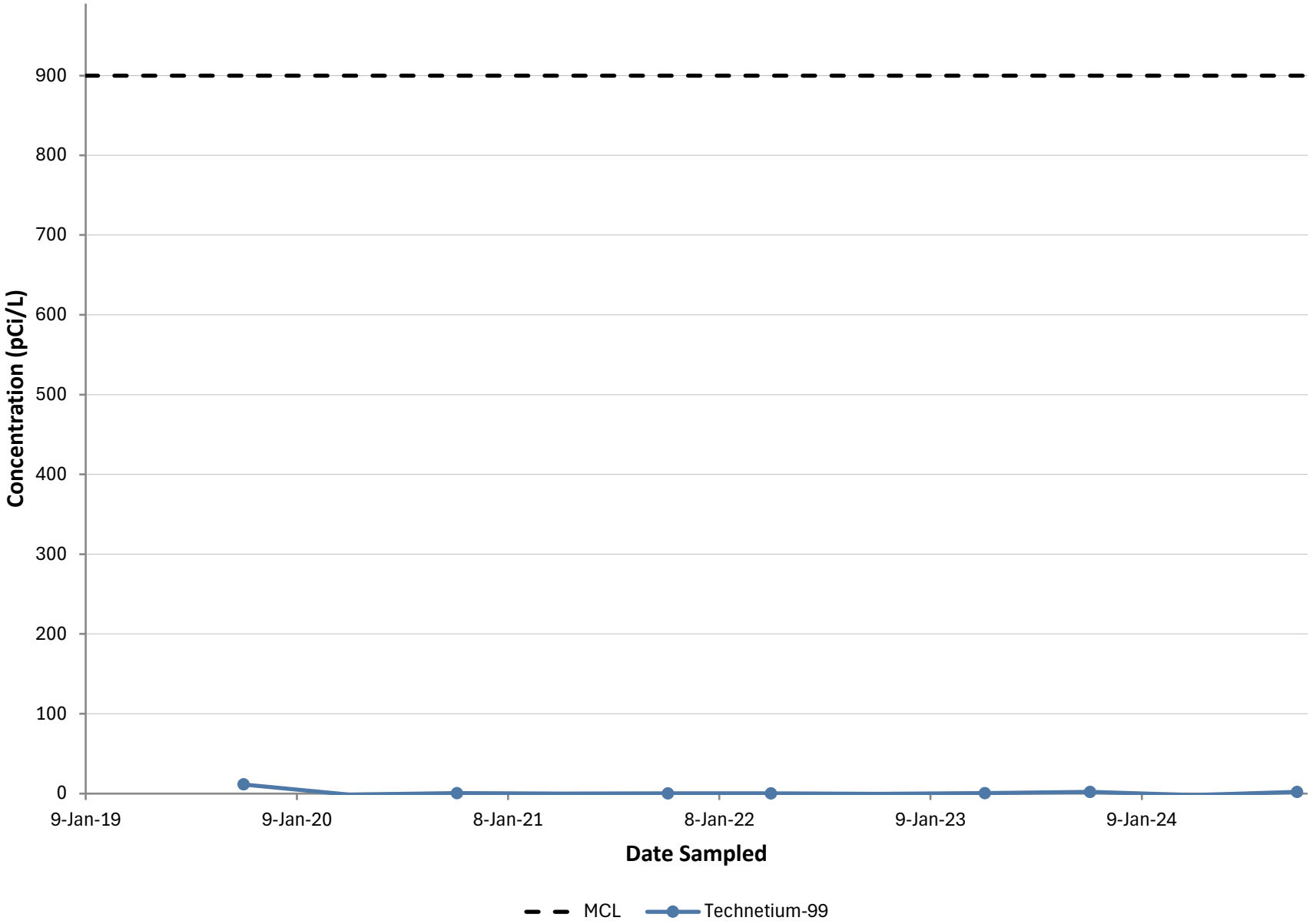
W-73

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



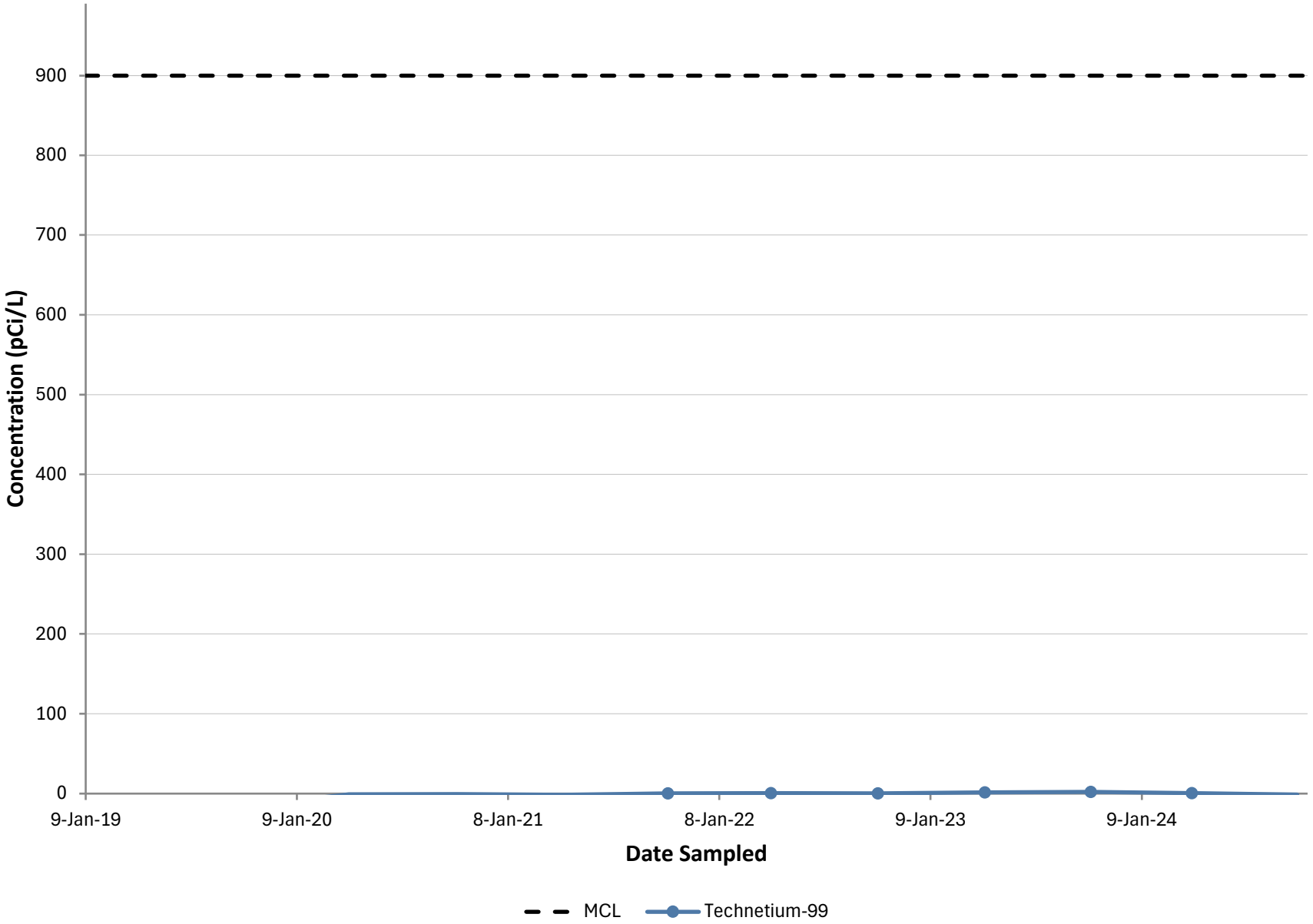
W-74

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



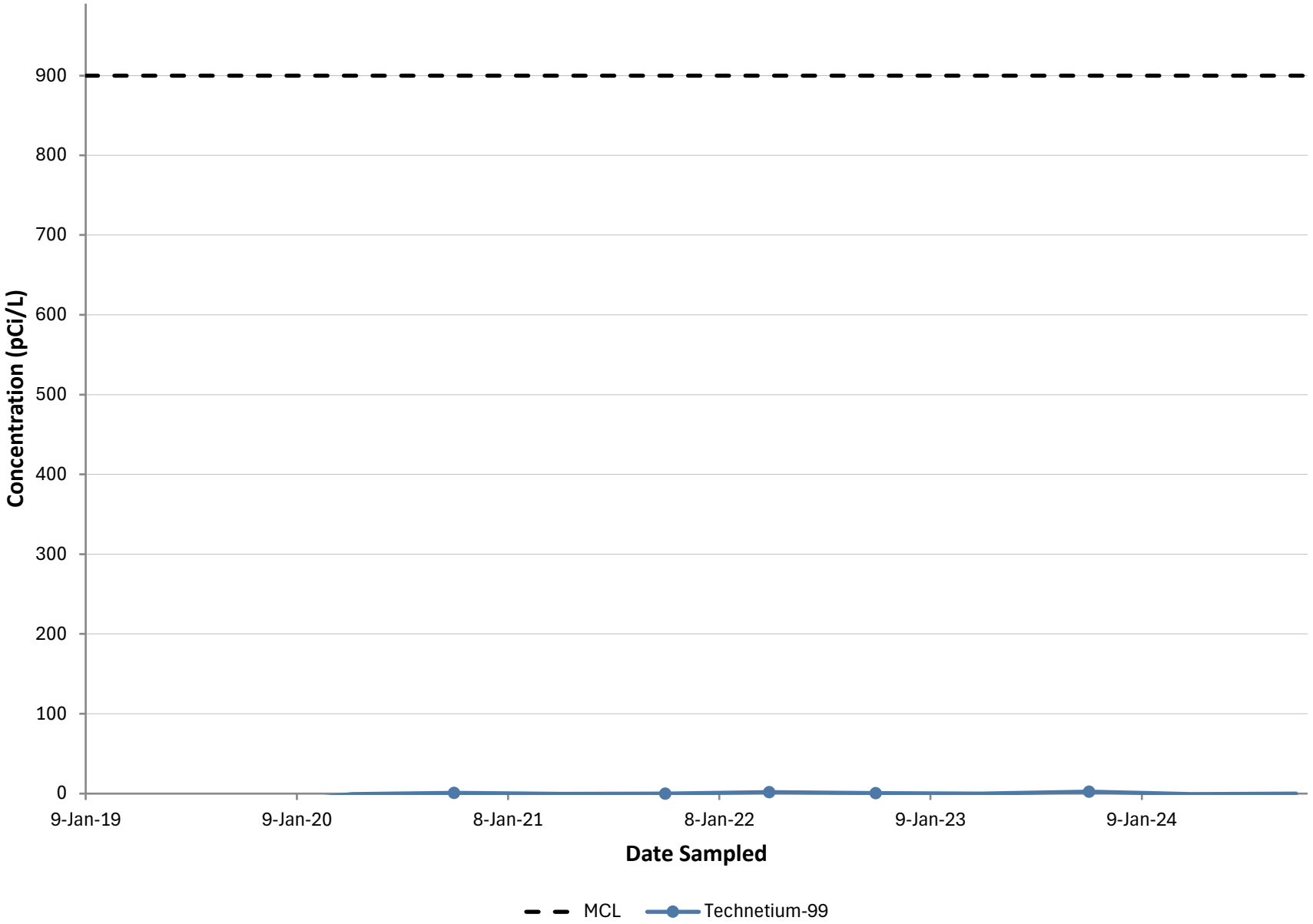
W-75

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



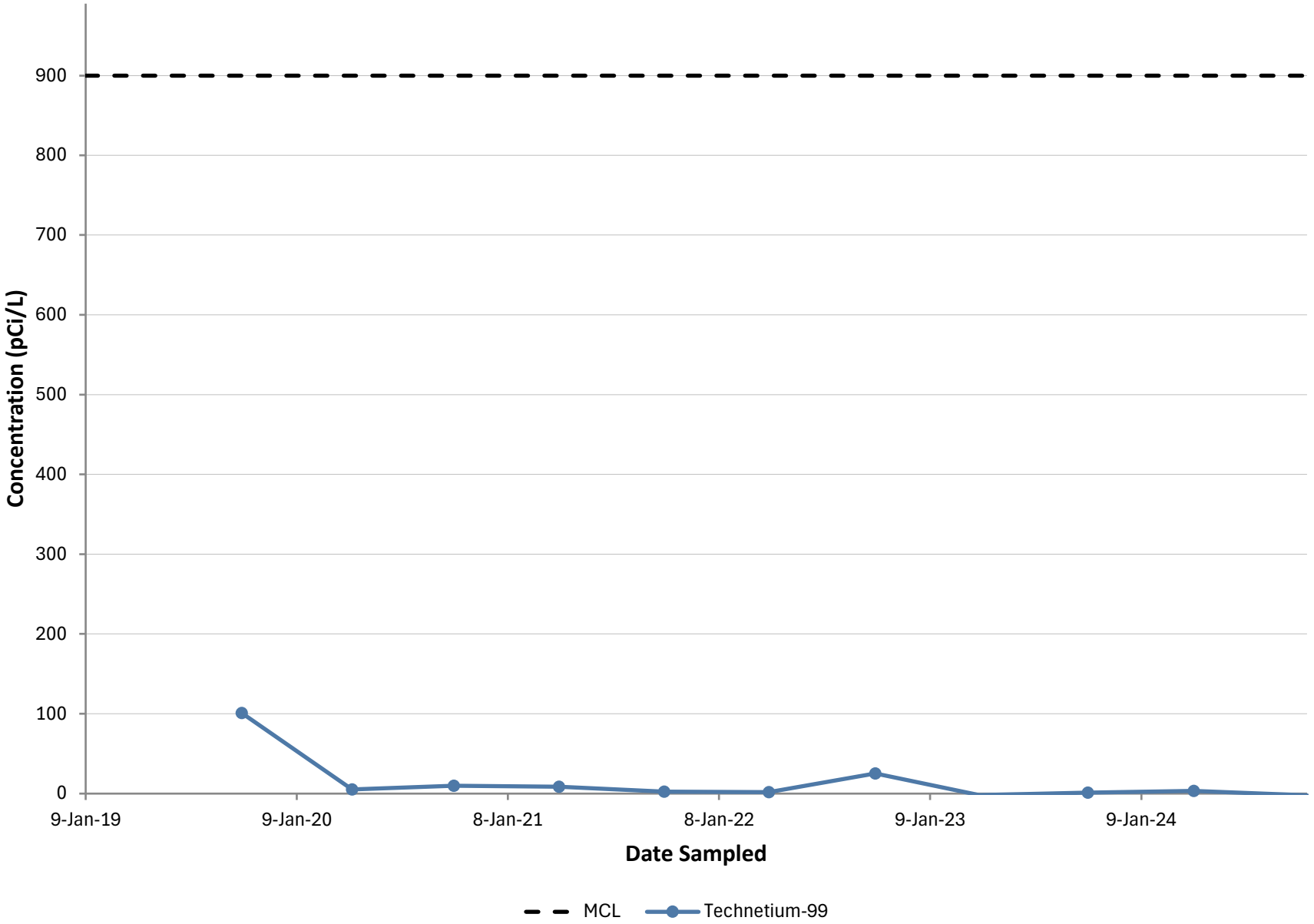
W-76

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



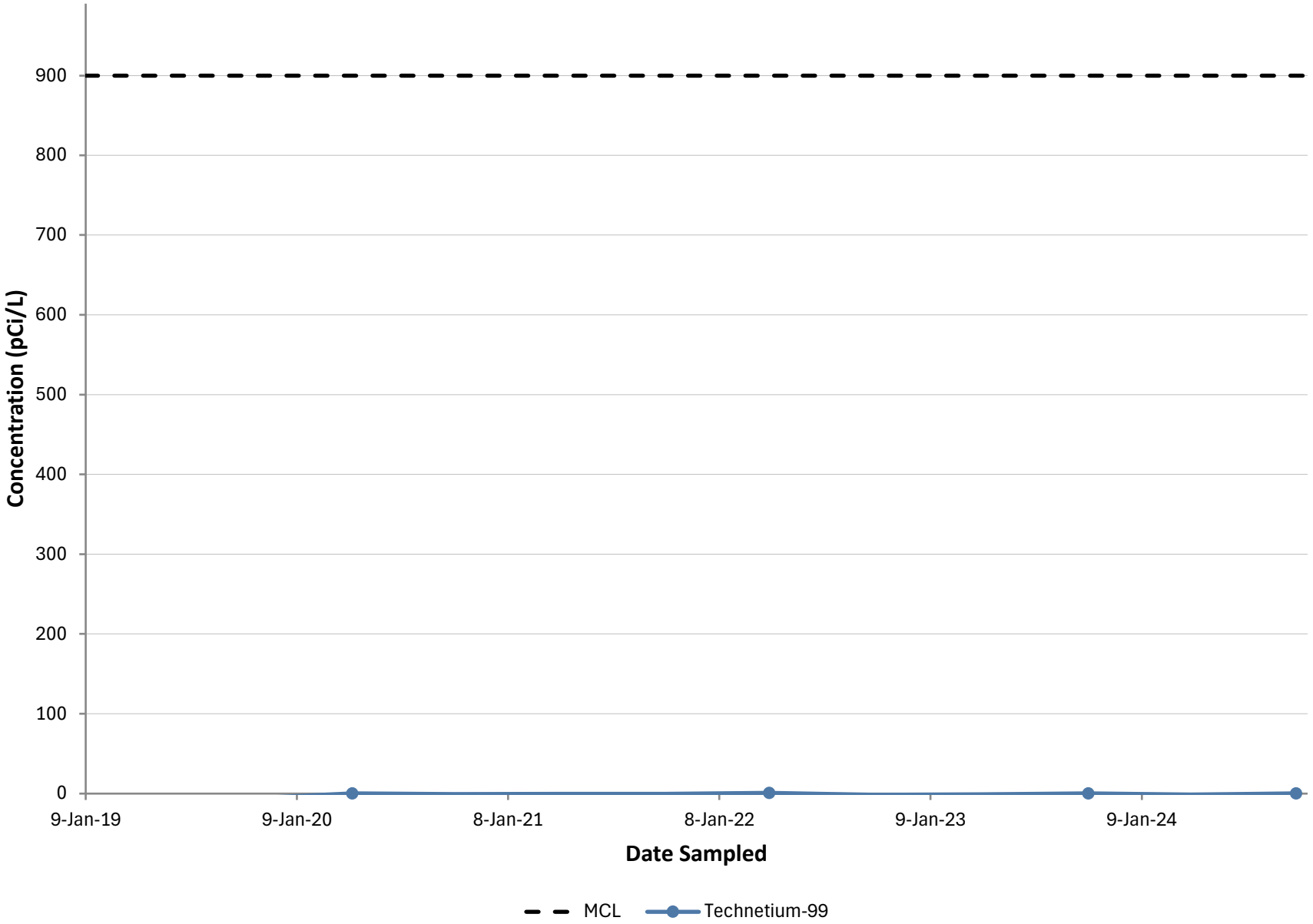
W-77

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



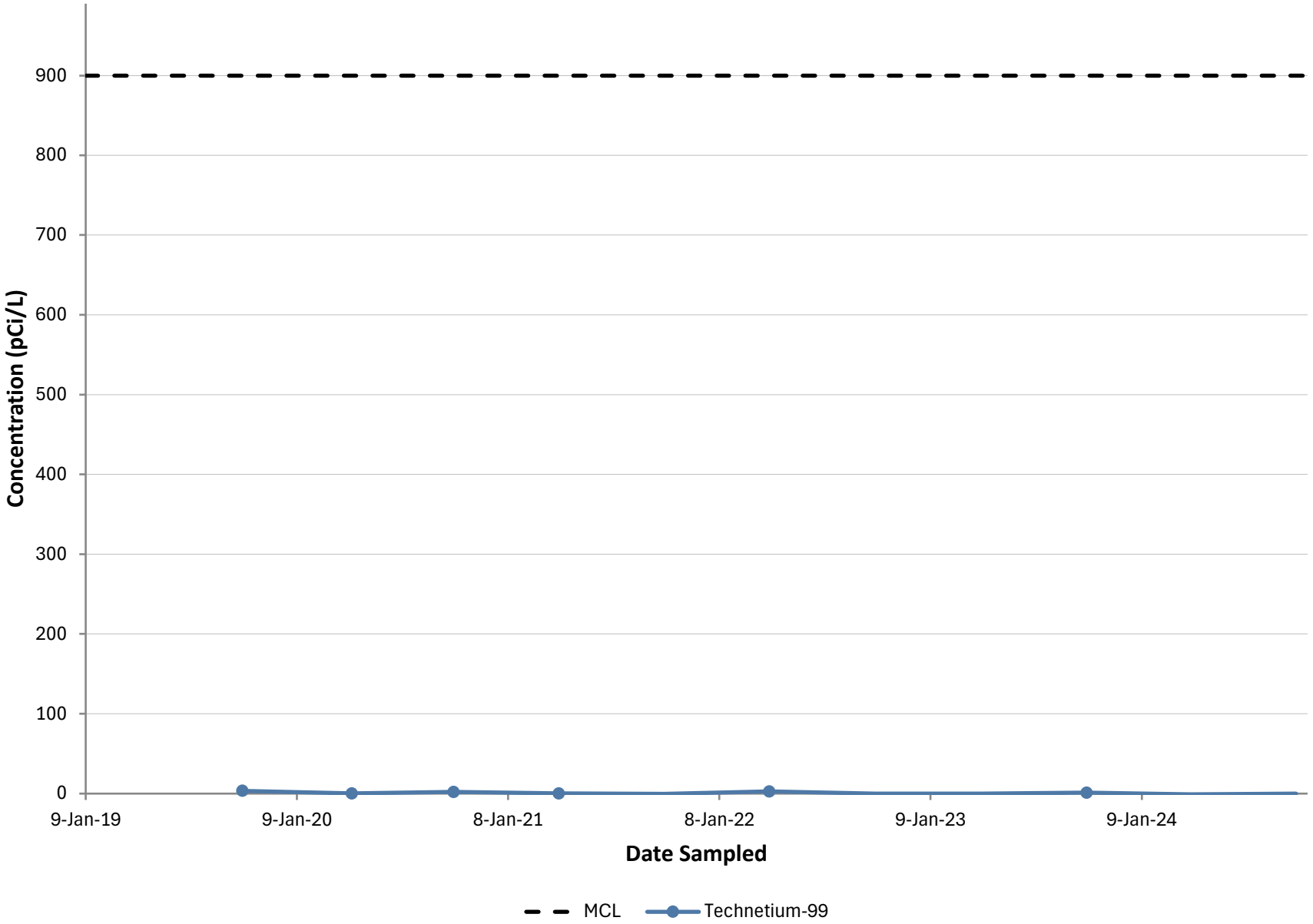
W-78

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



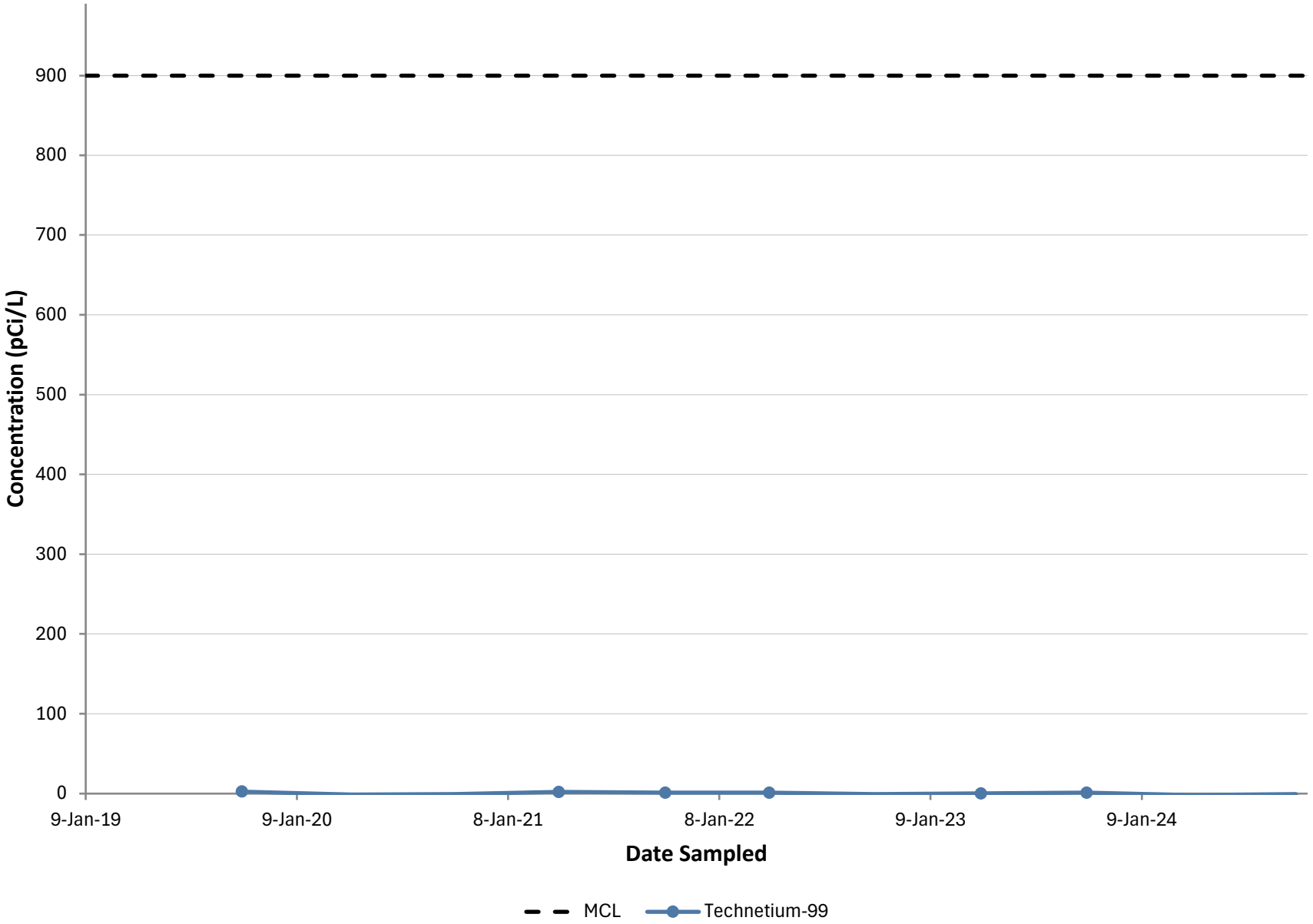
W-79

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



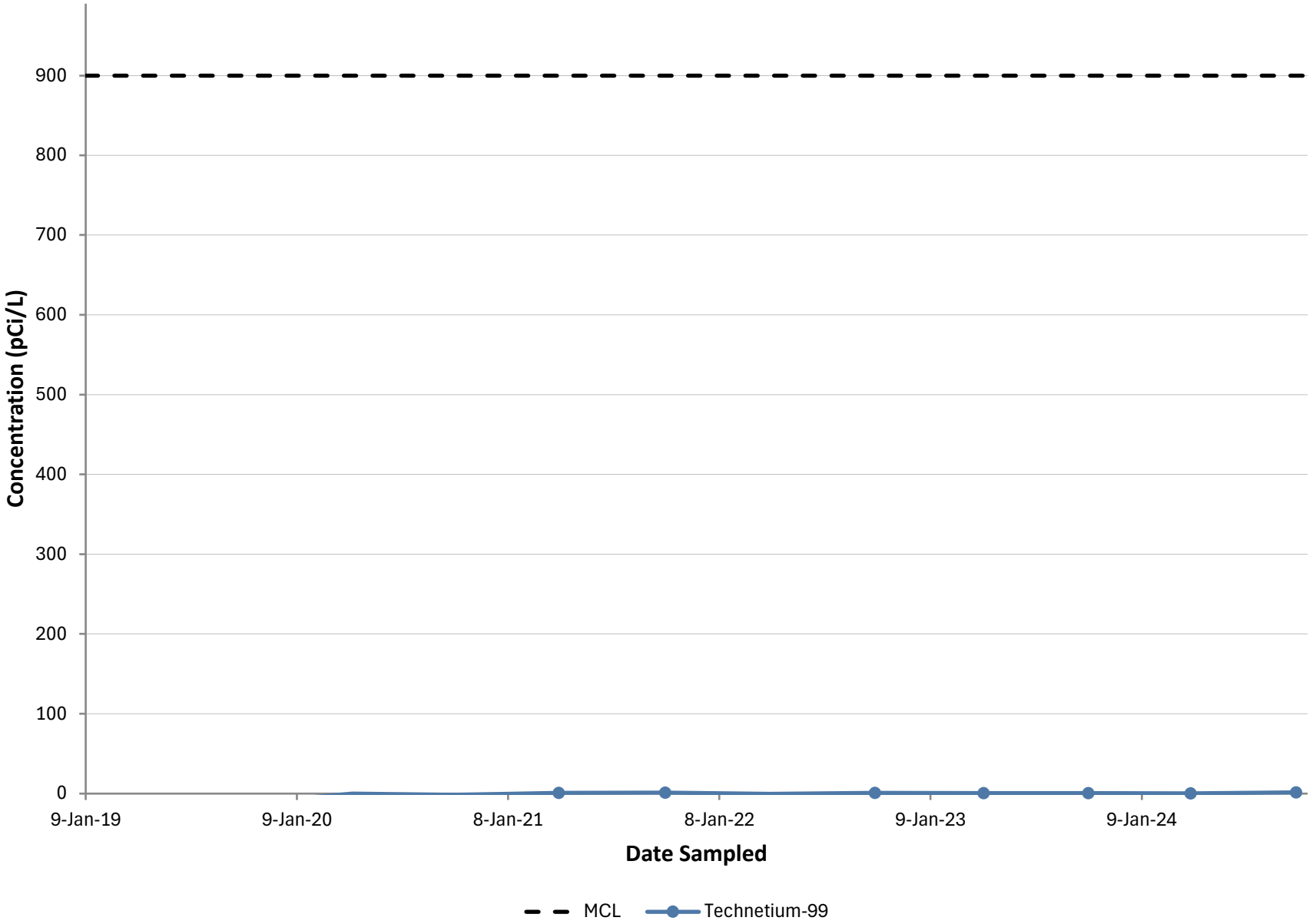
W-80

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



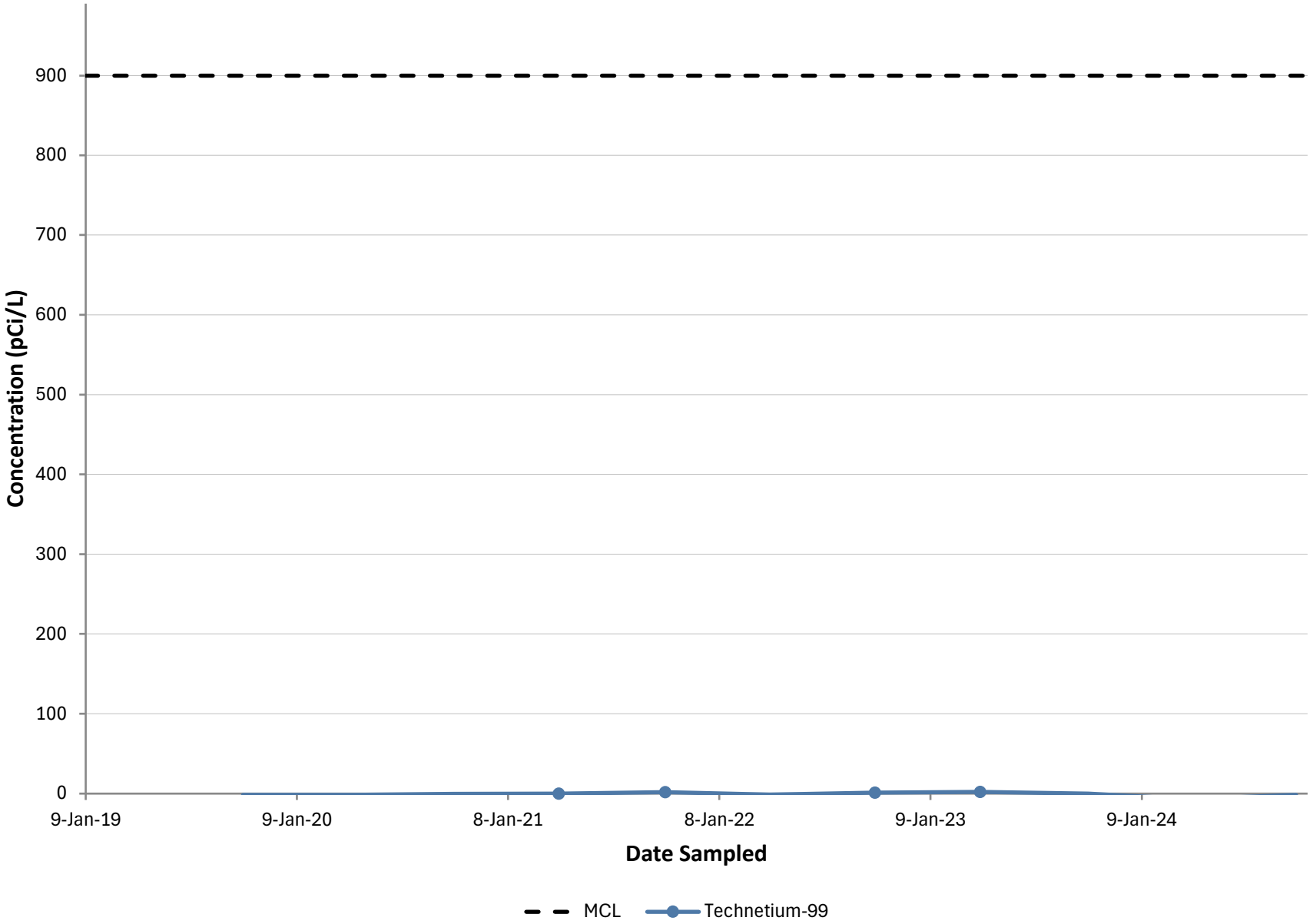
W-81

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



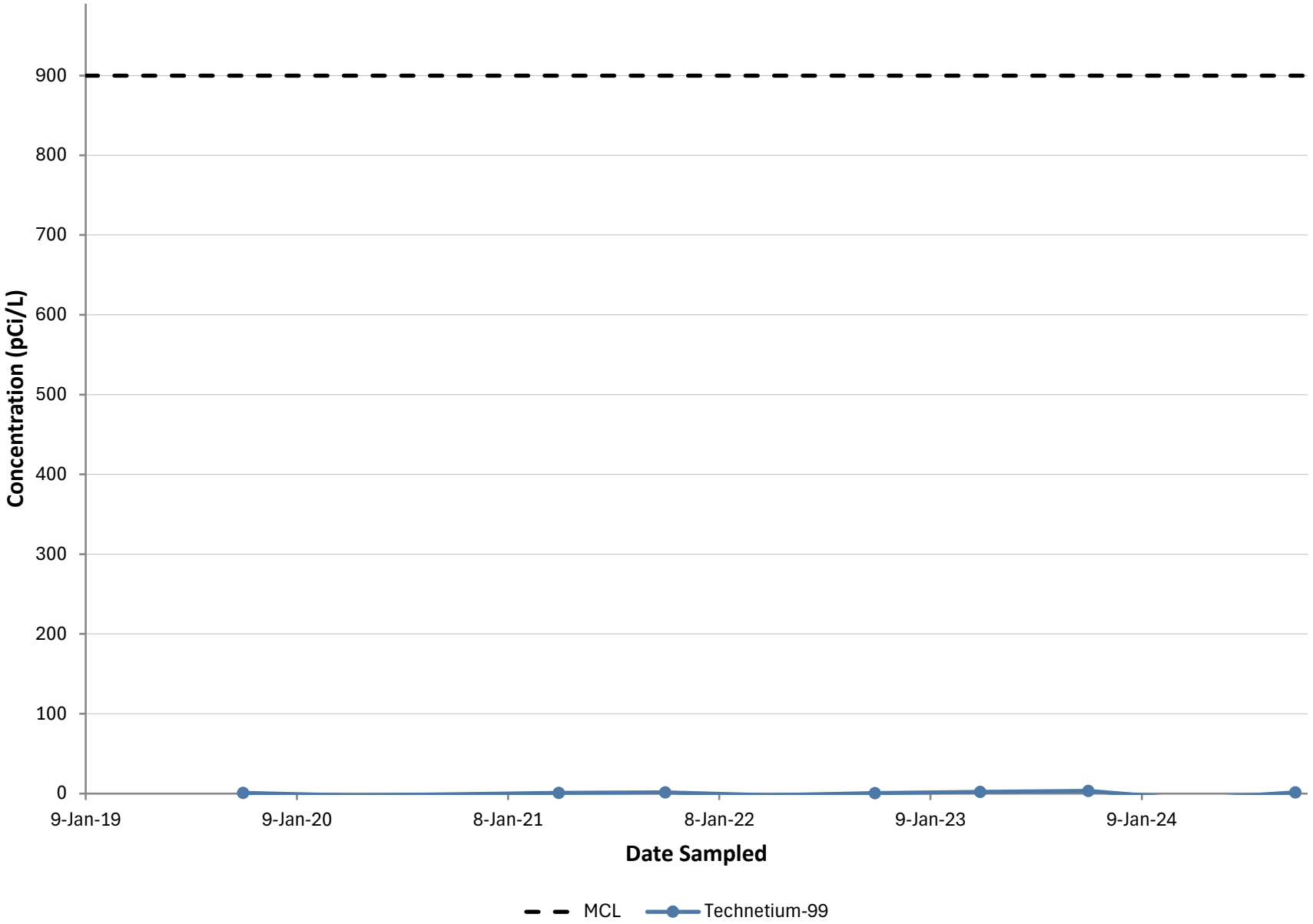
W-82

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



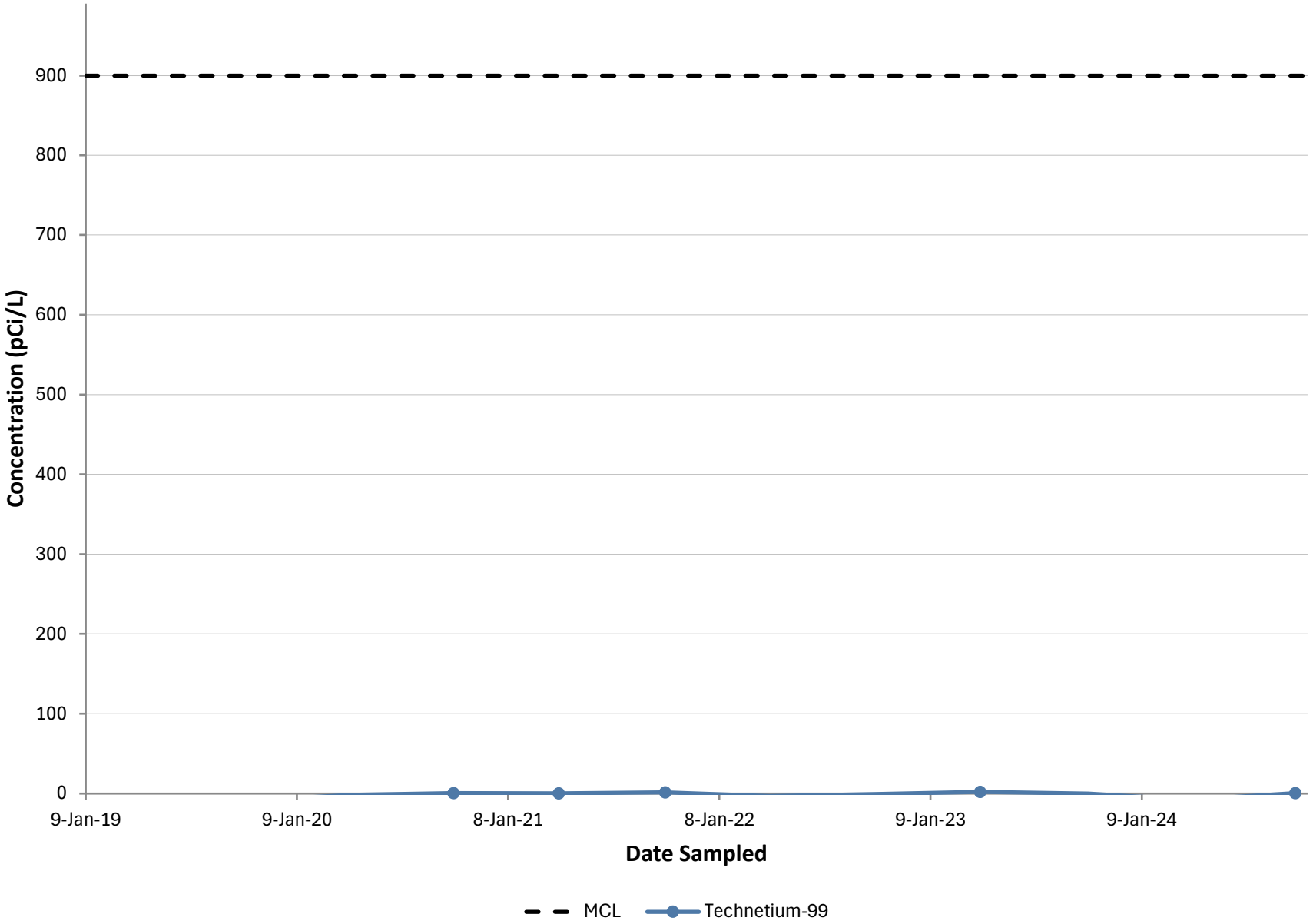
W-83

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



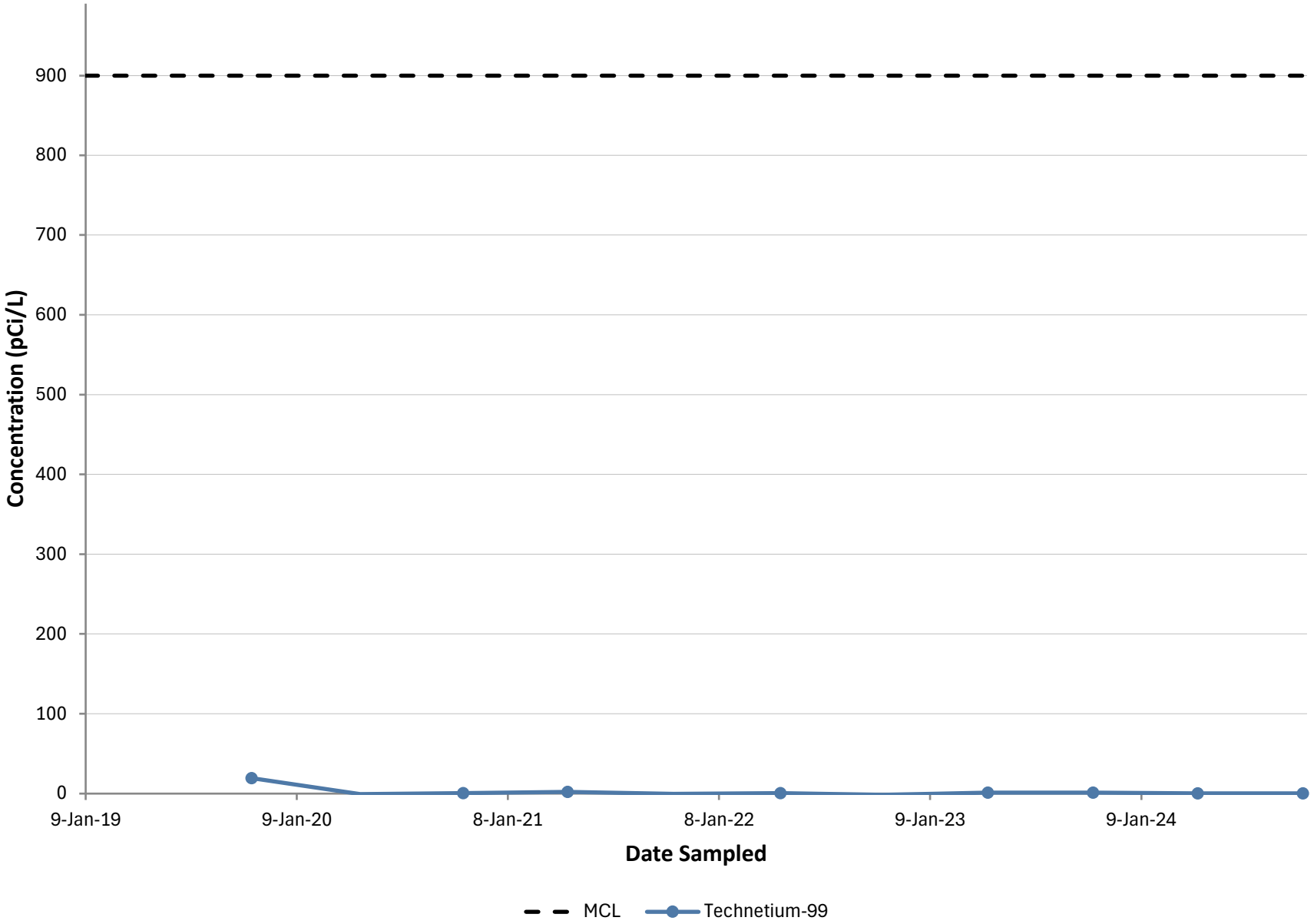
W-84

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



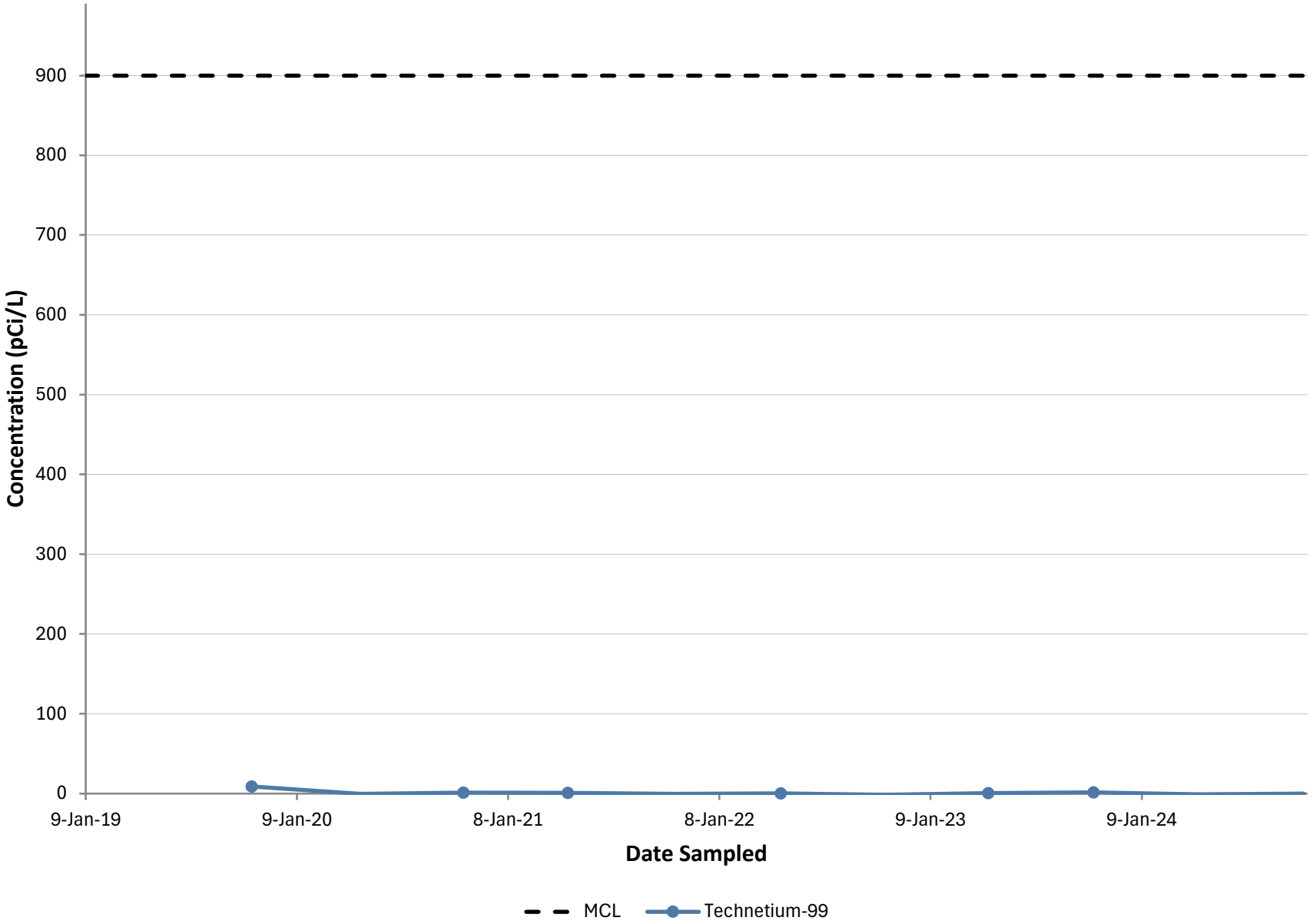
W-85

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



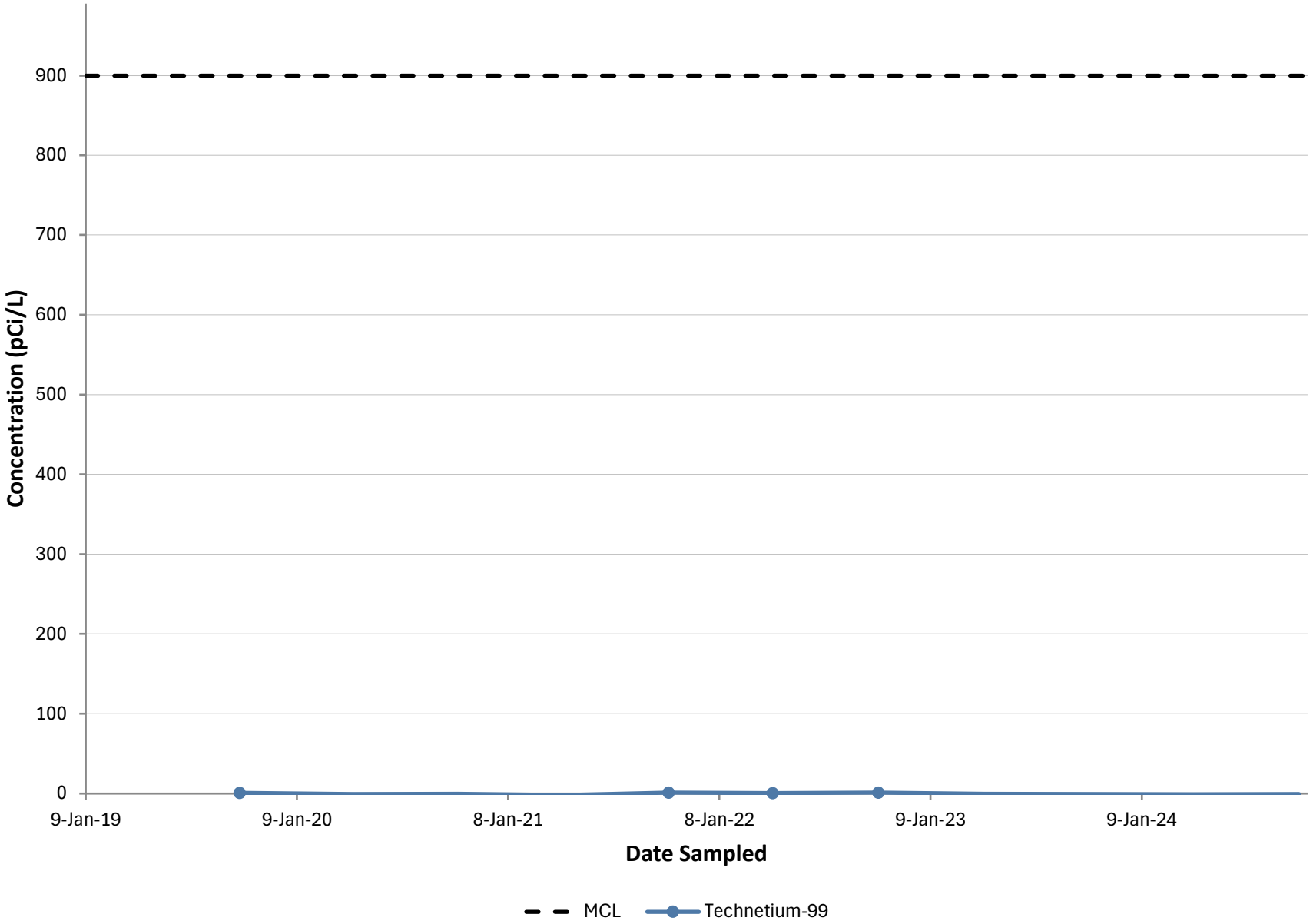
W-86

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



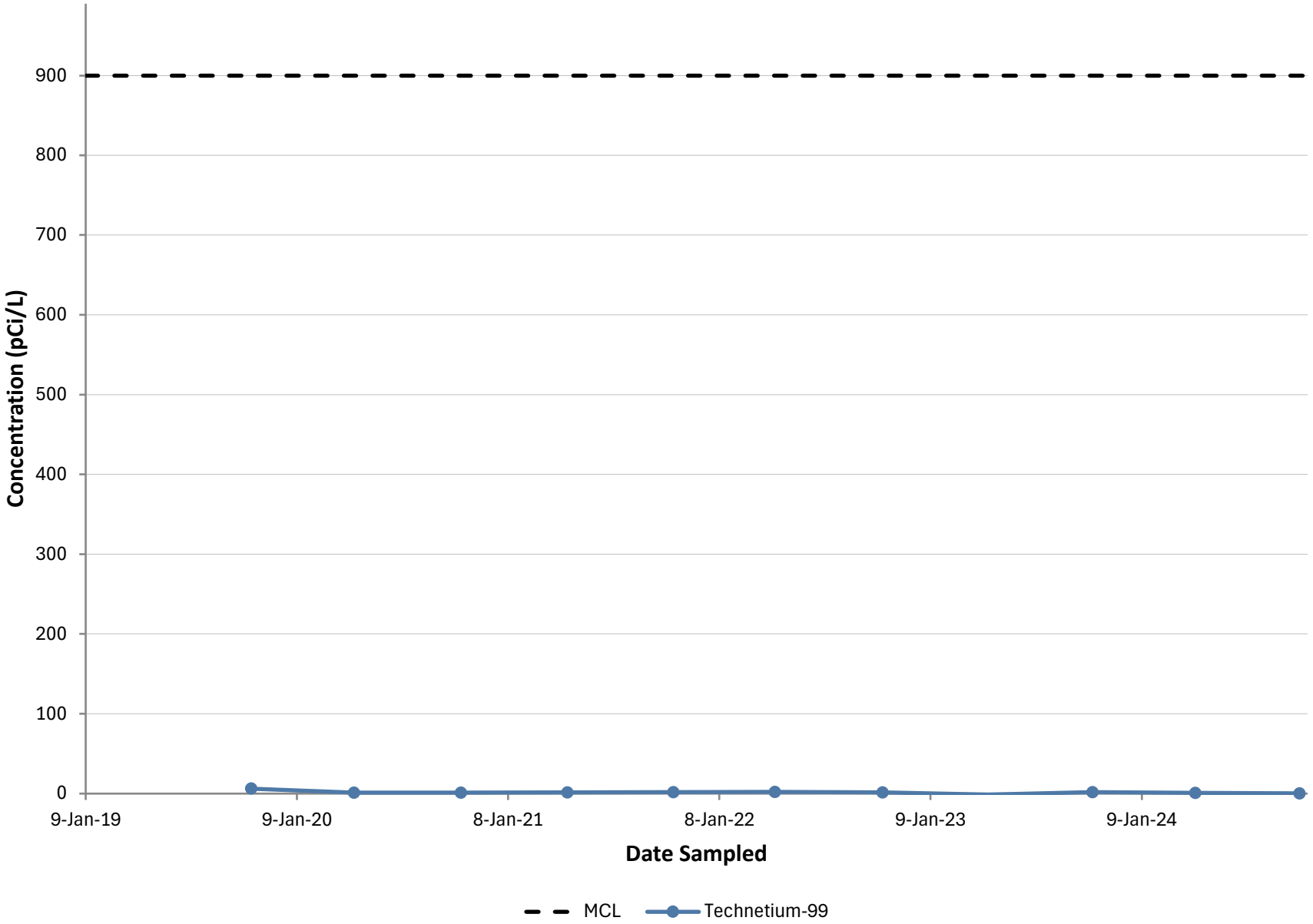
W-87

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



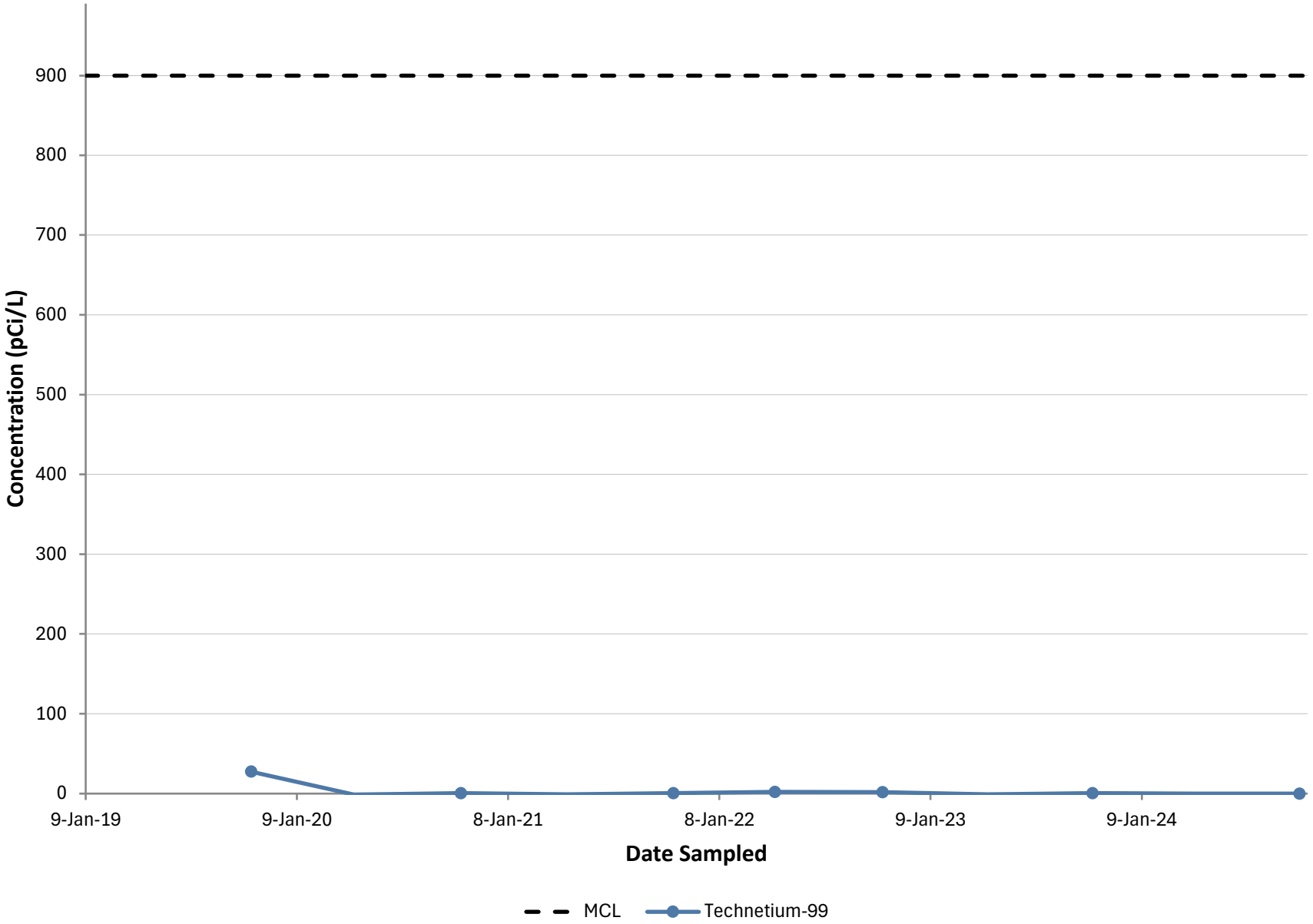
W-88

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



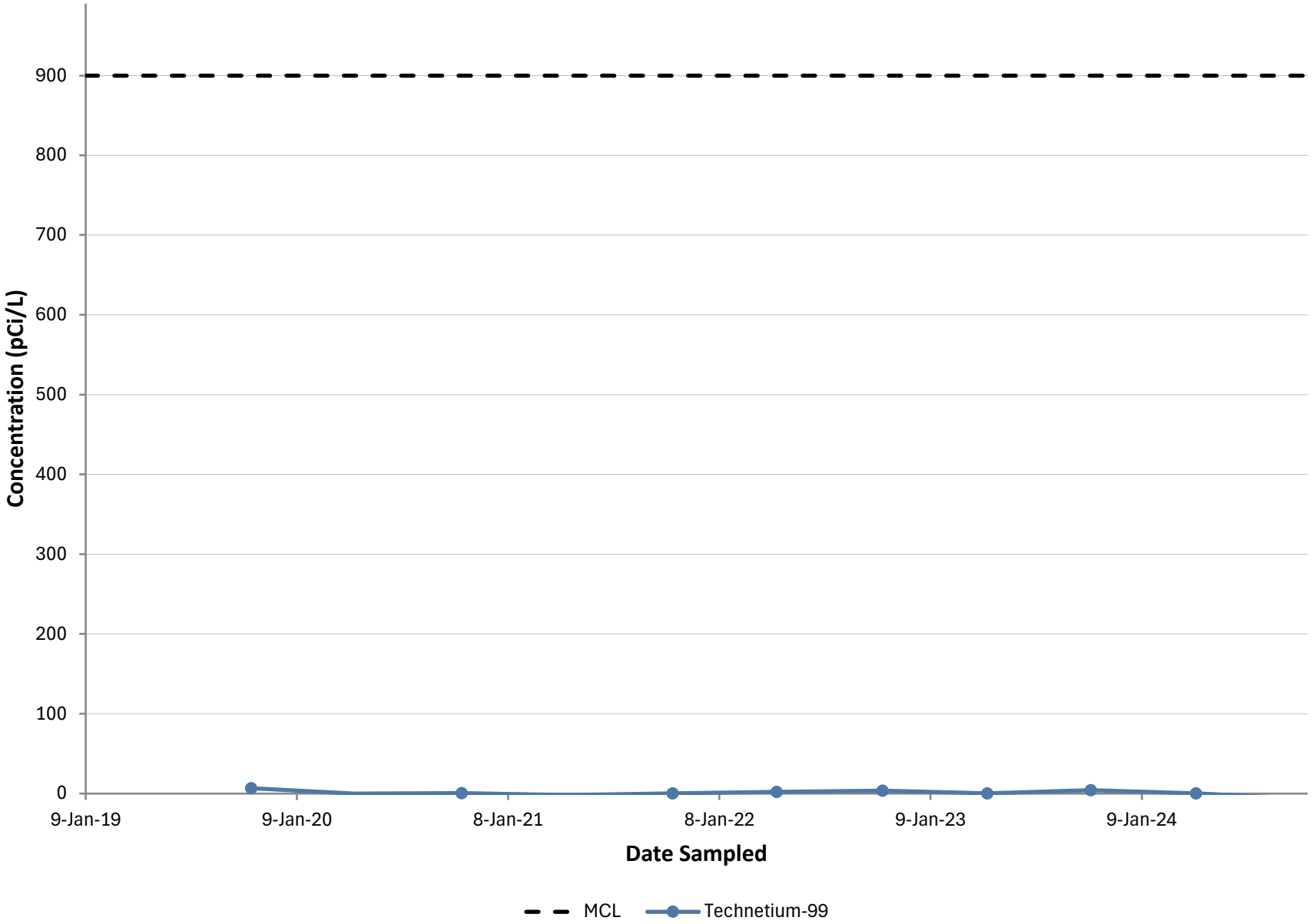
W-89

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



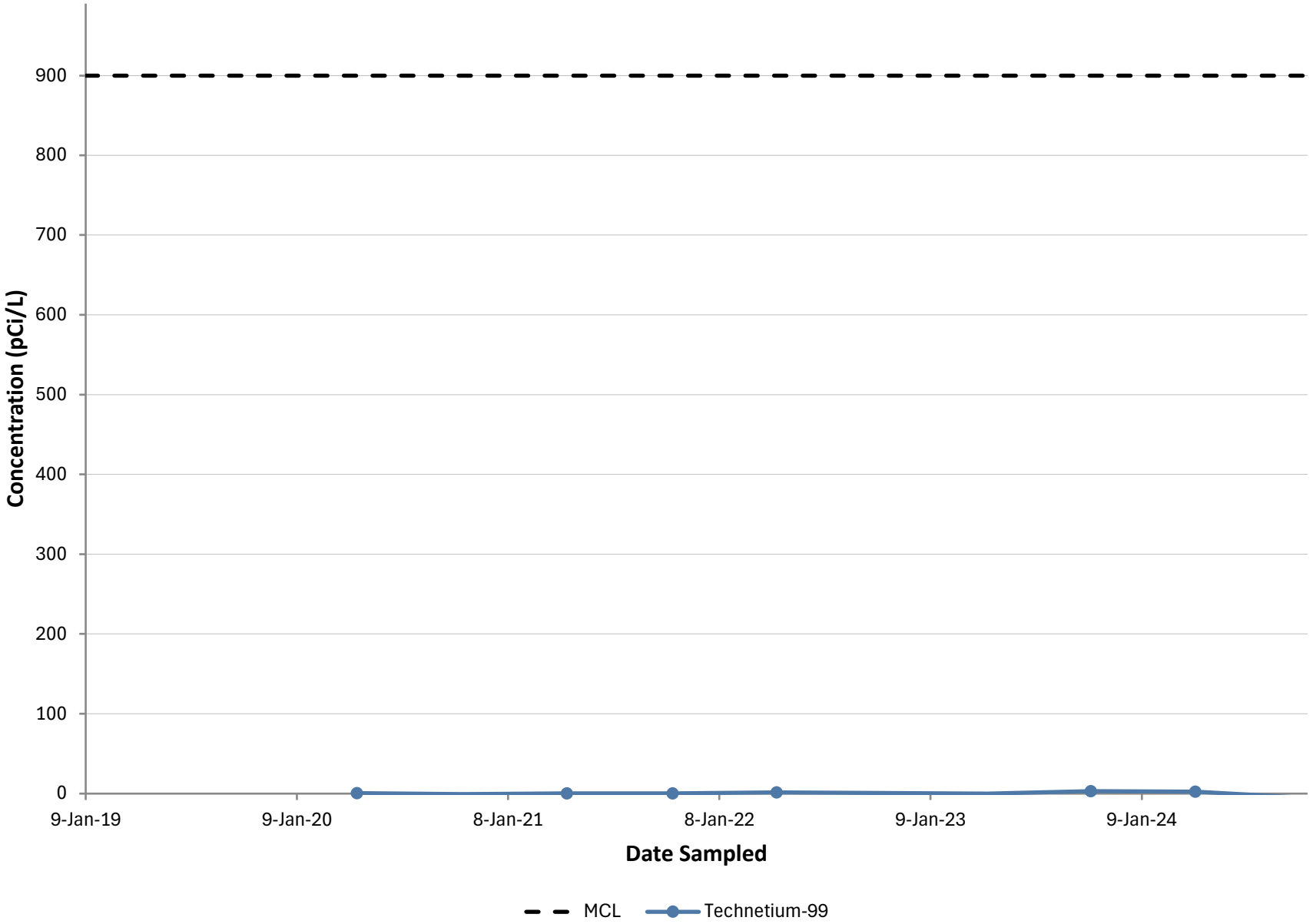
W-90

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



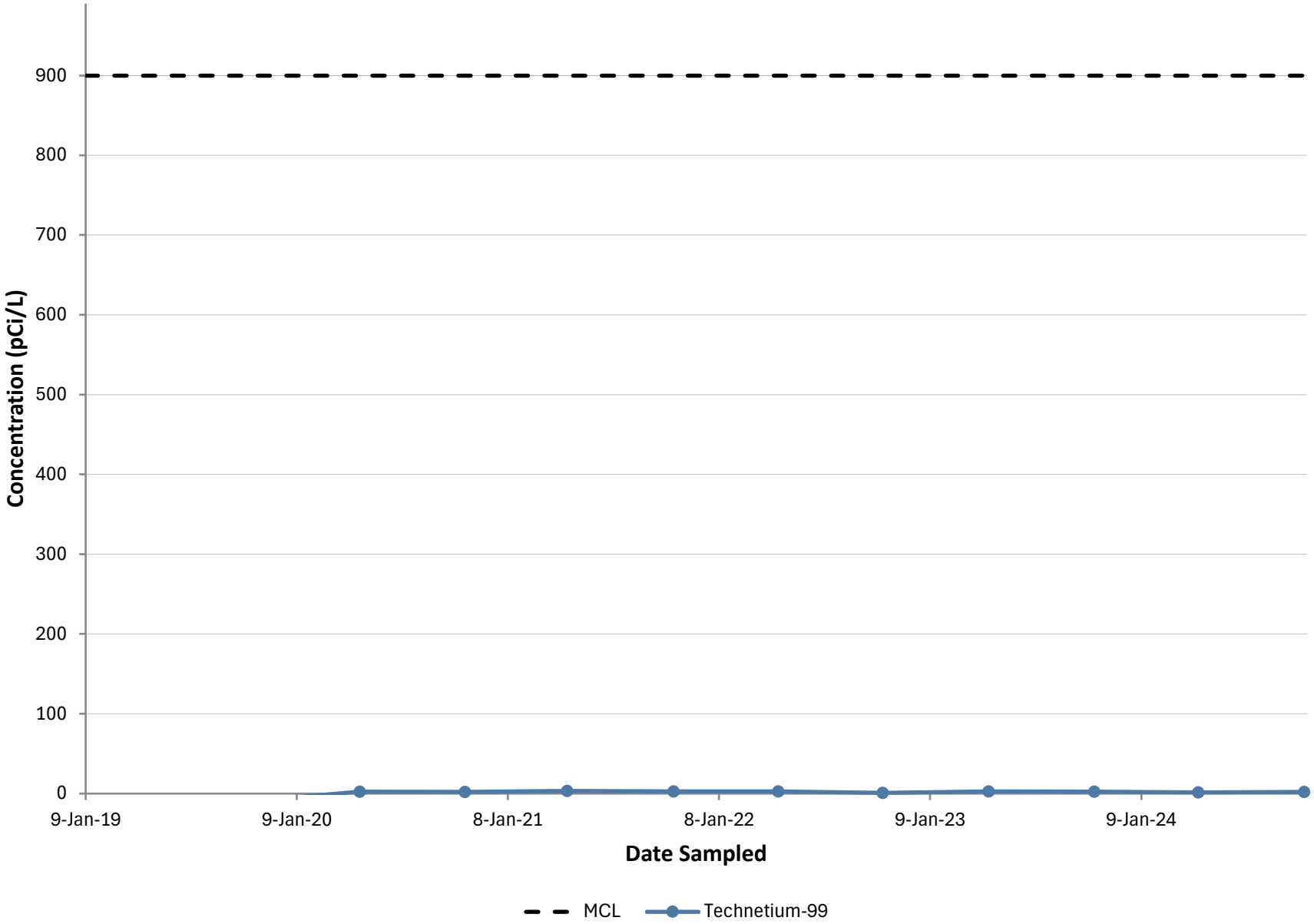
W-91

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



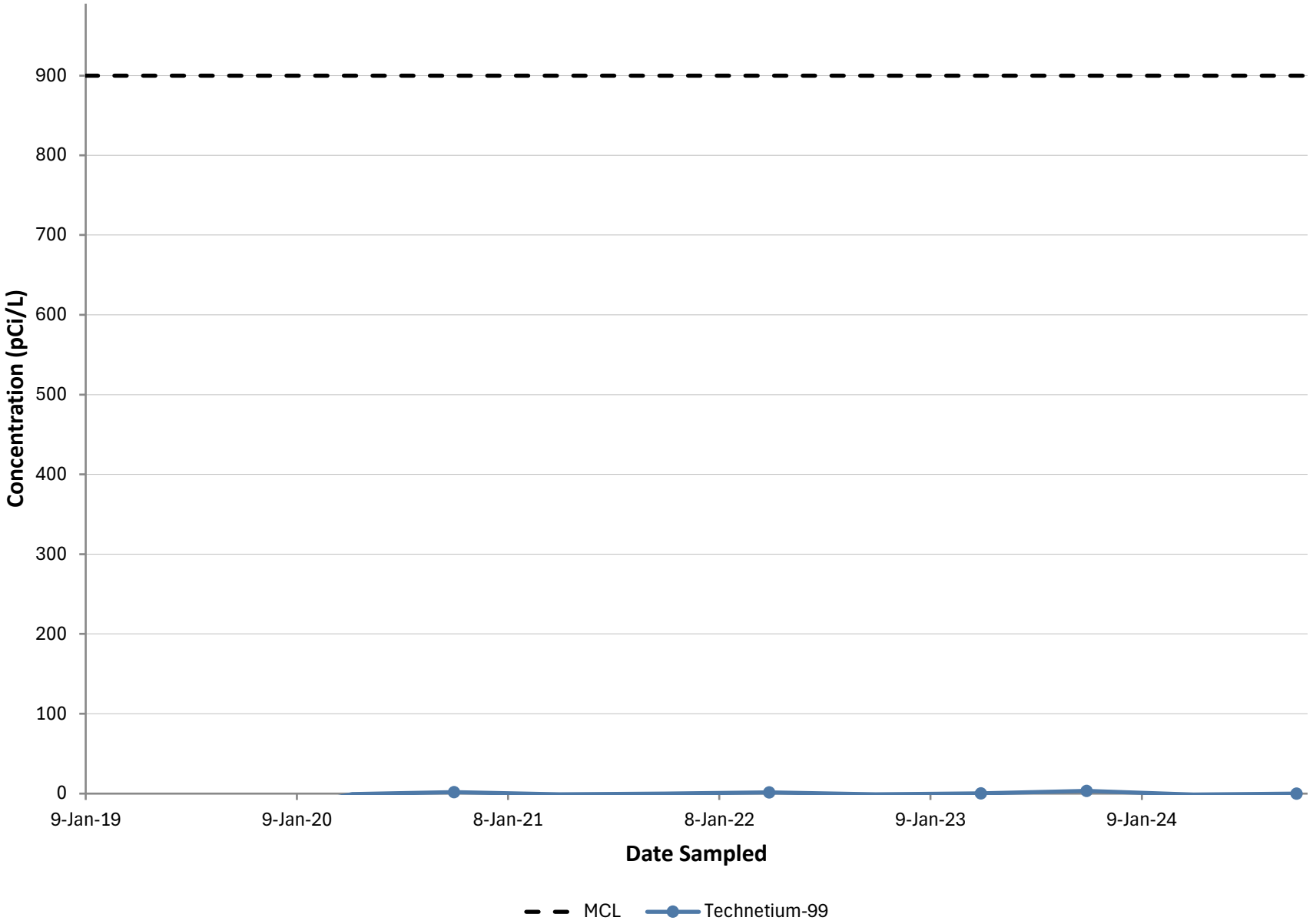
W-92

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



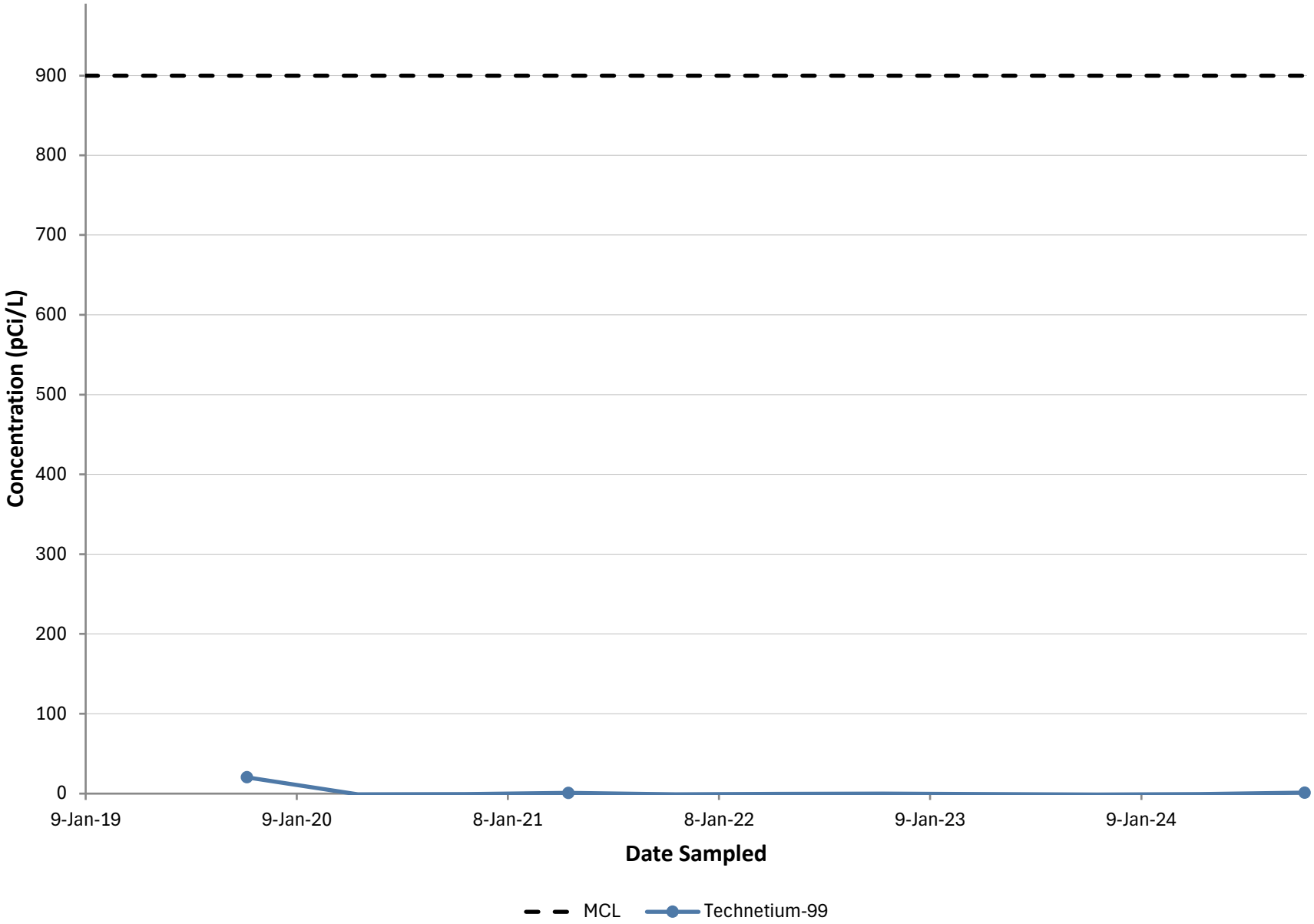
W-93

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



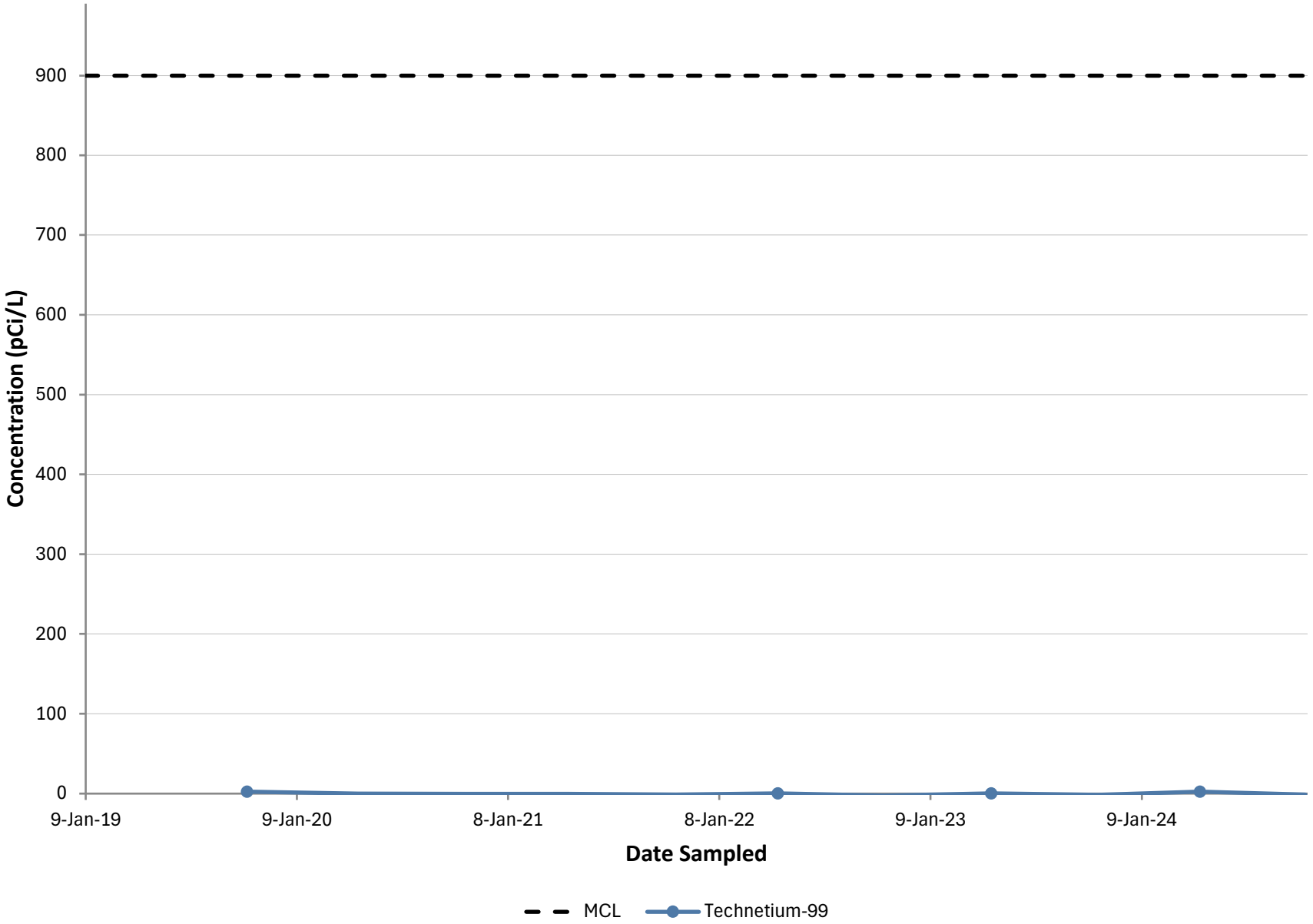
W-94

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



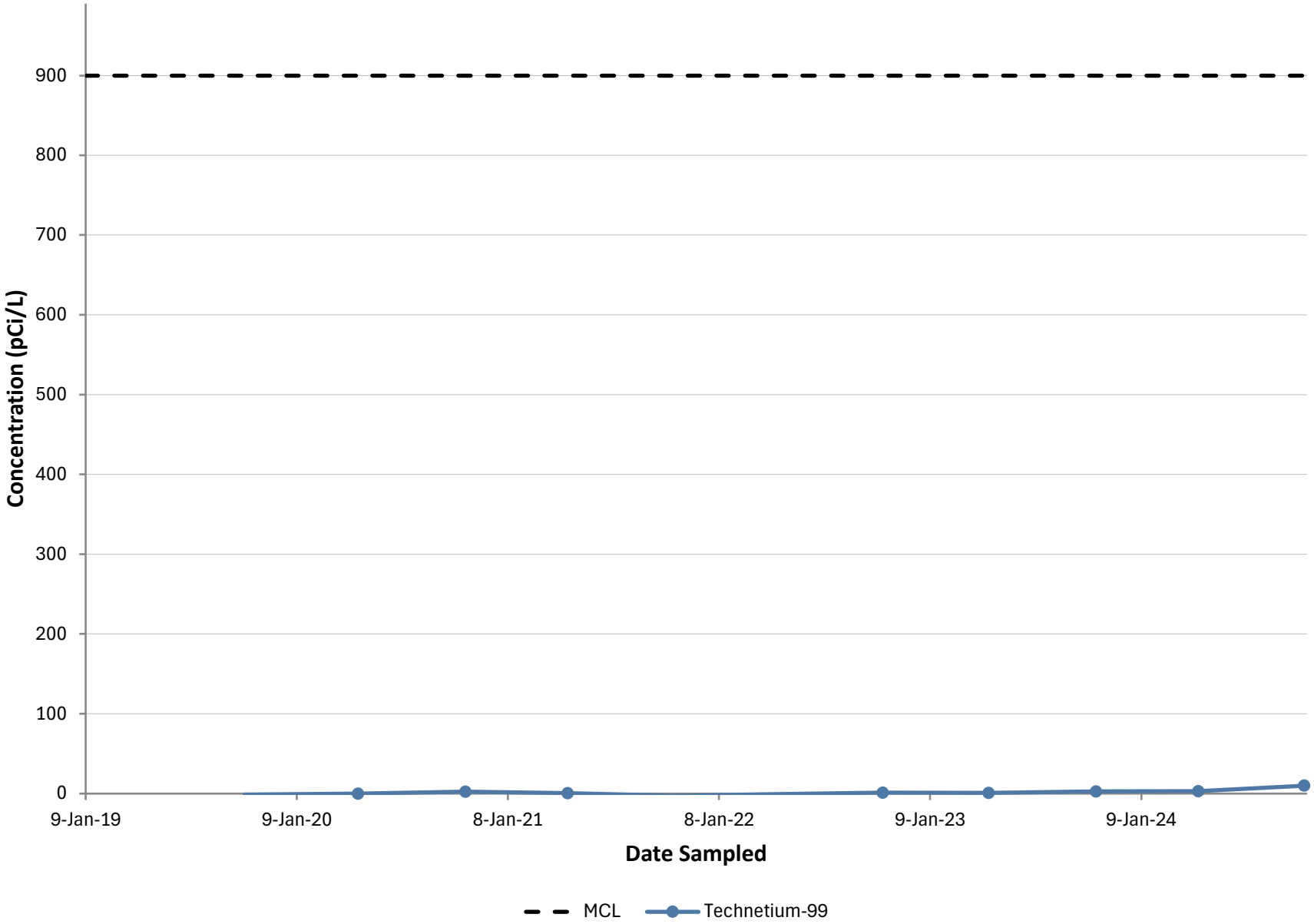
W-95

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



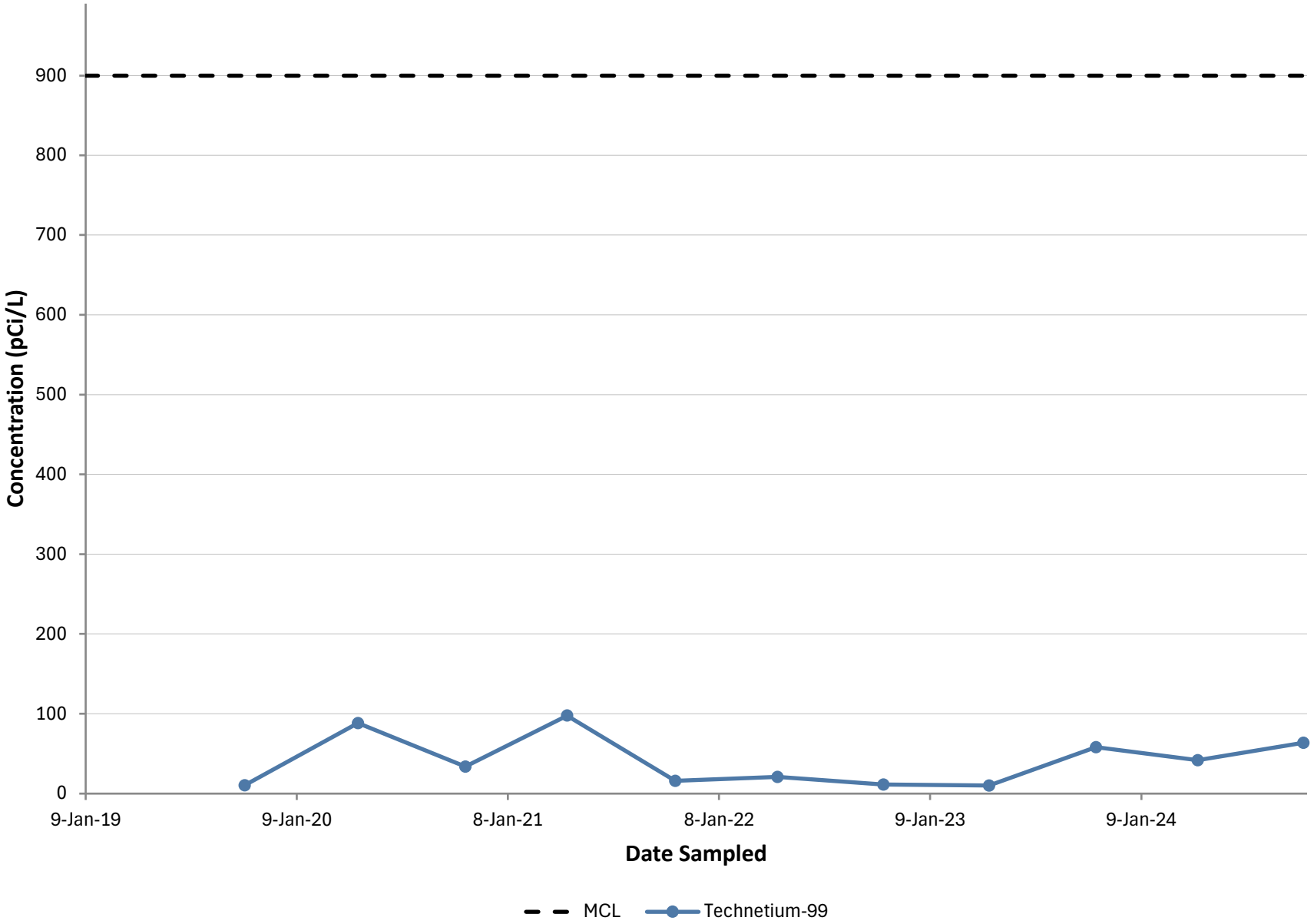
W-96

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



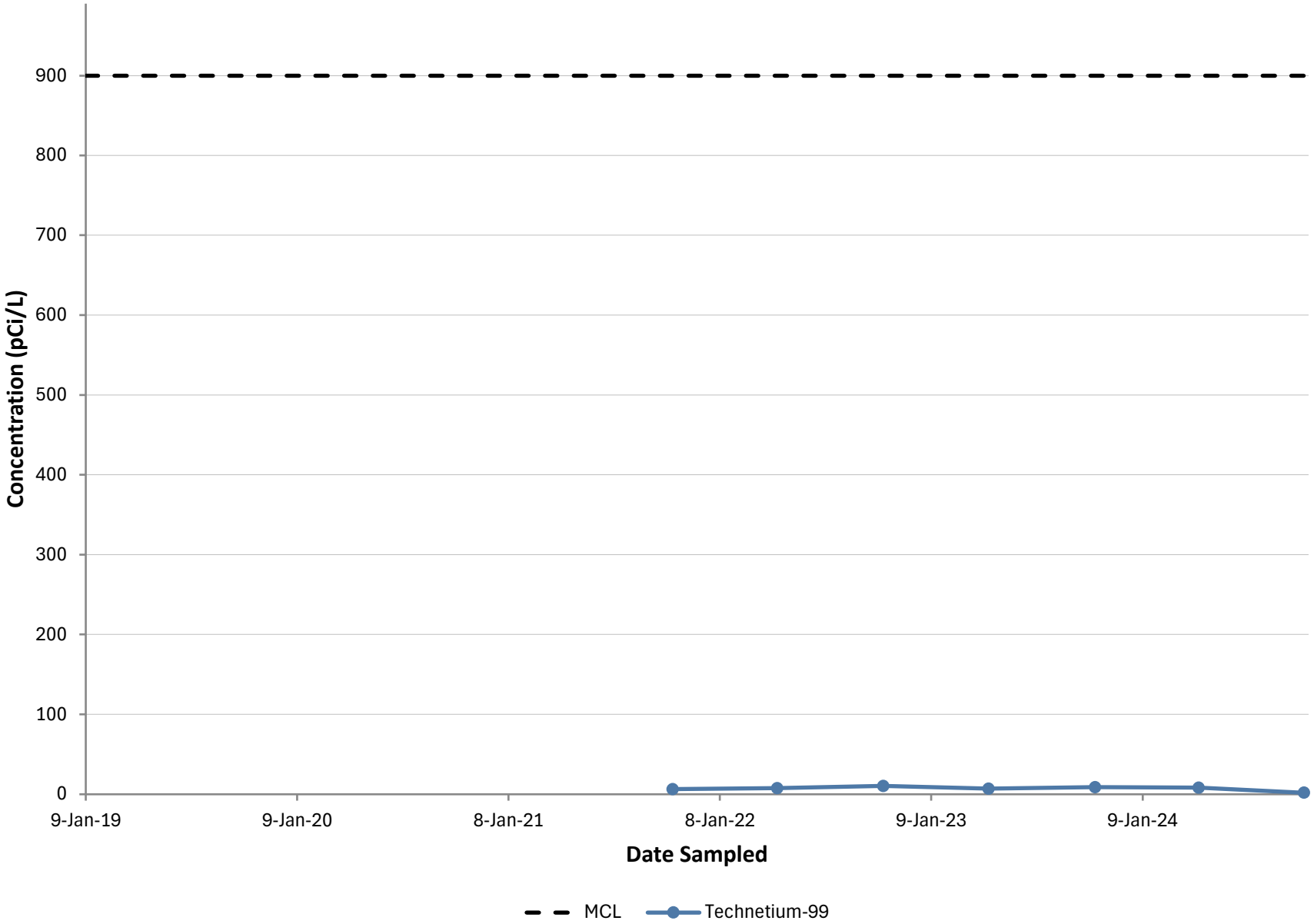
W-97

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



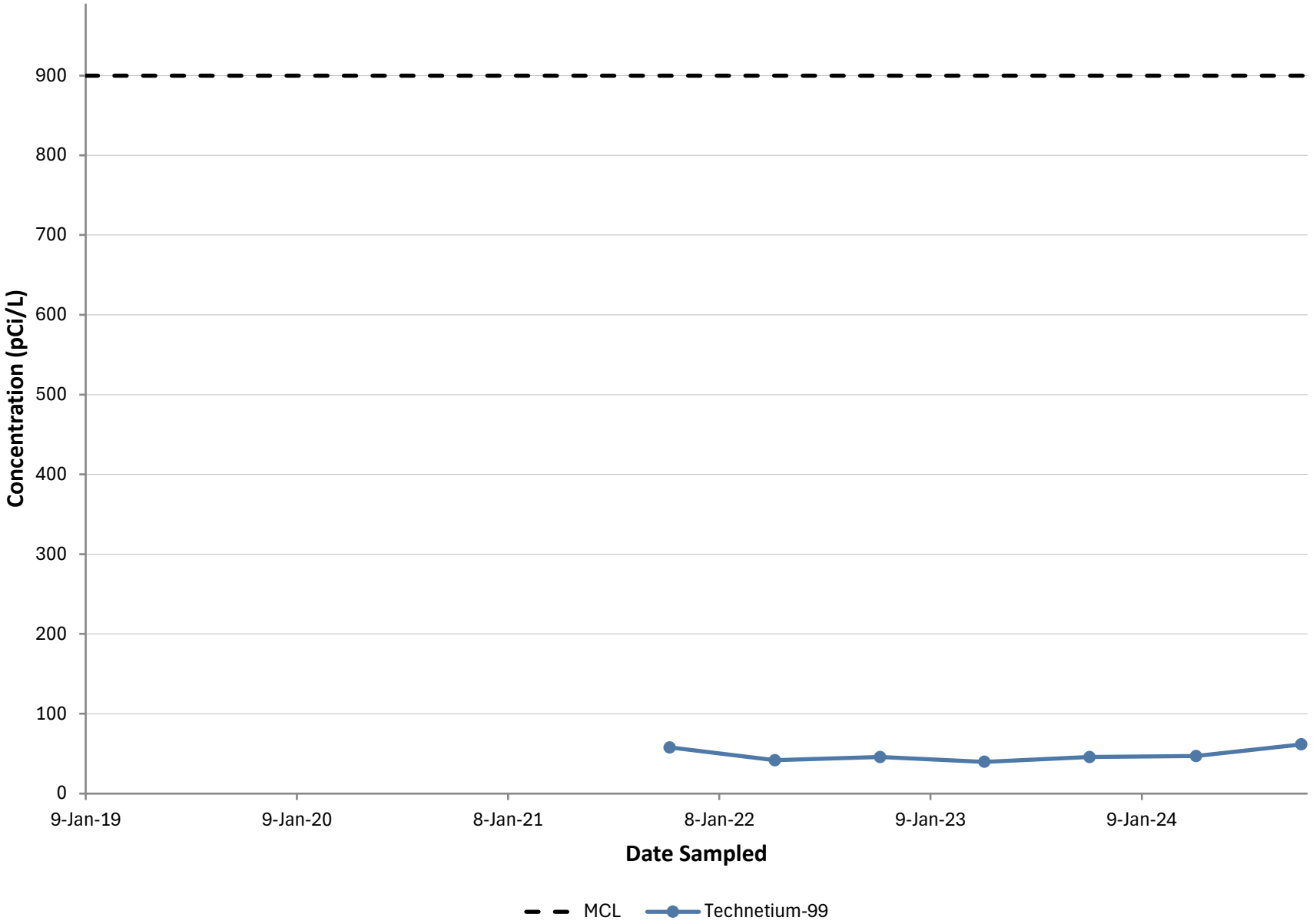
W-98

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



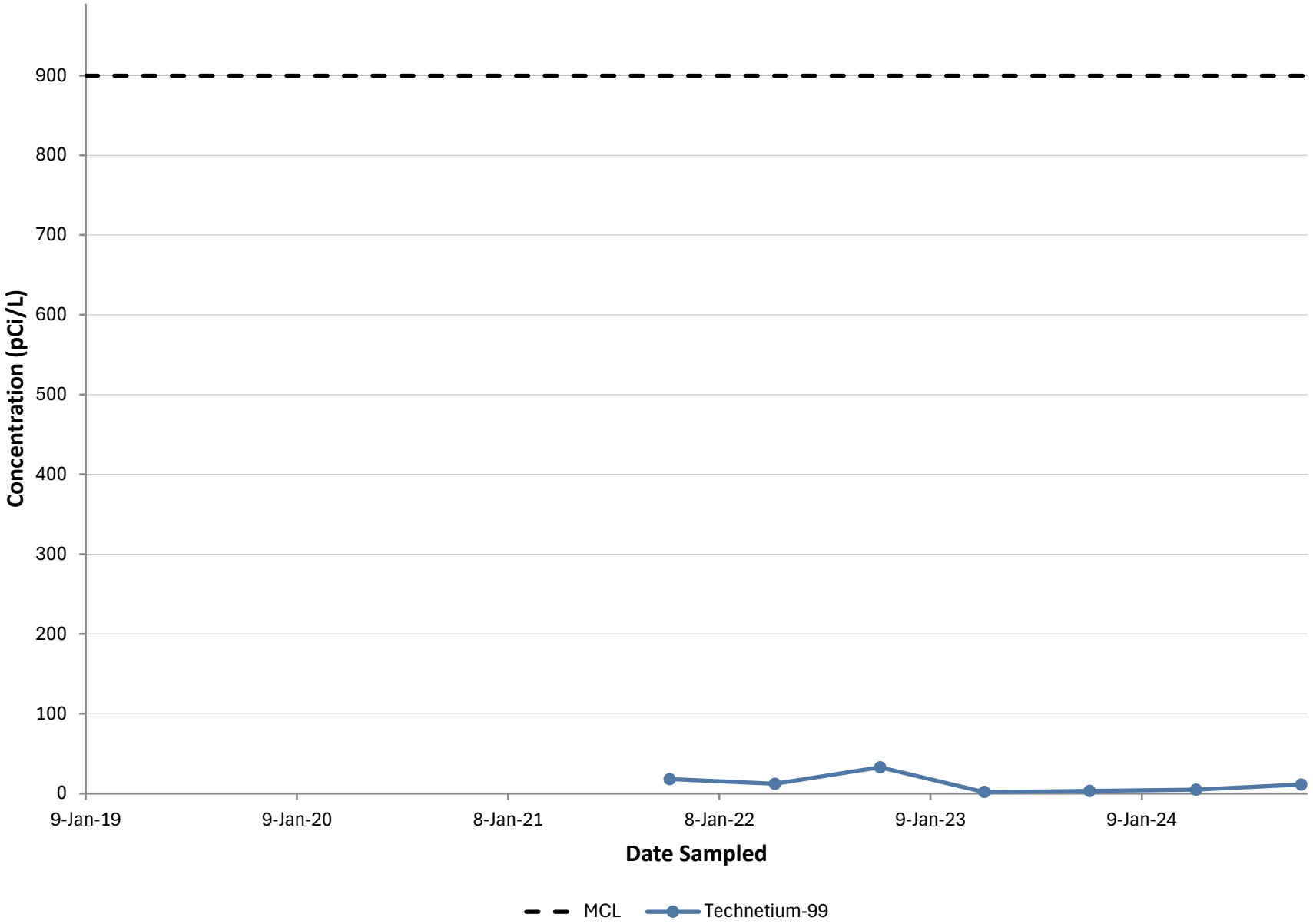
W-99

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



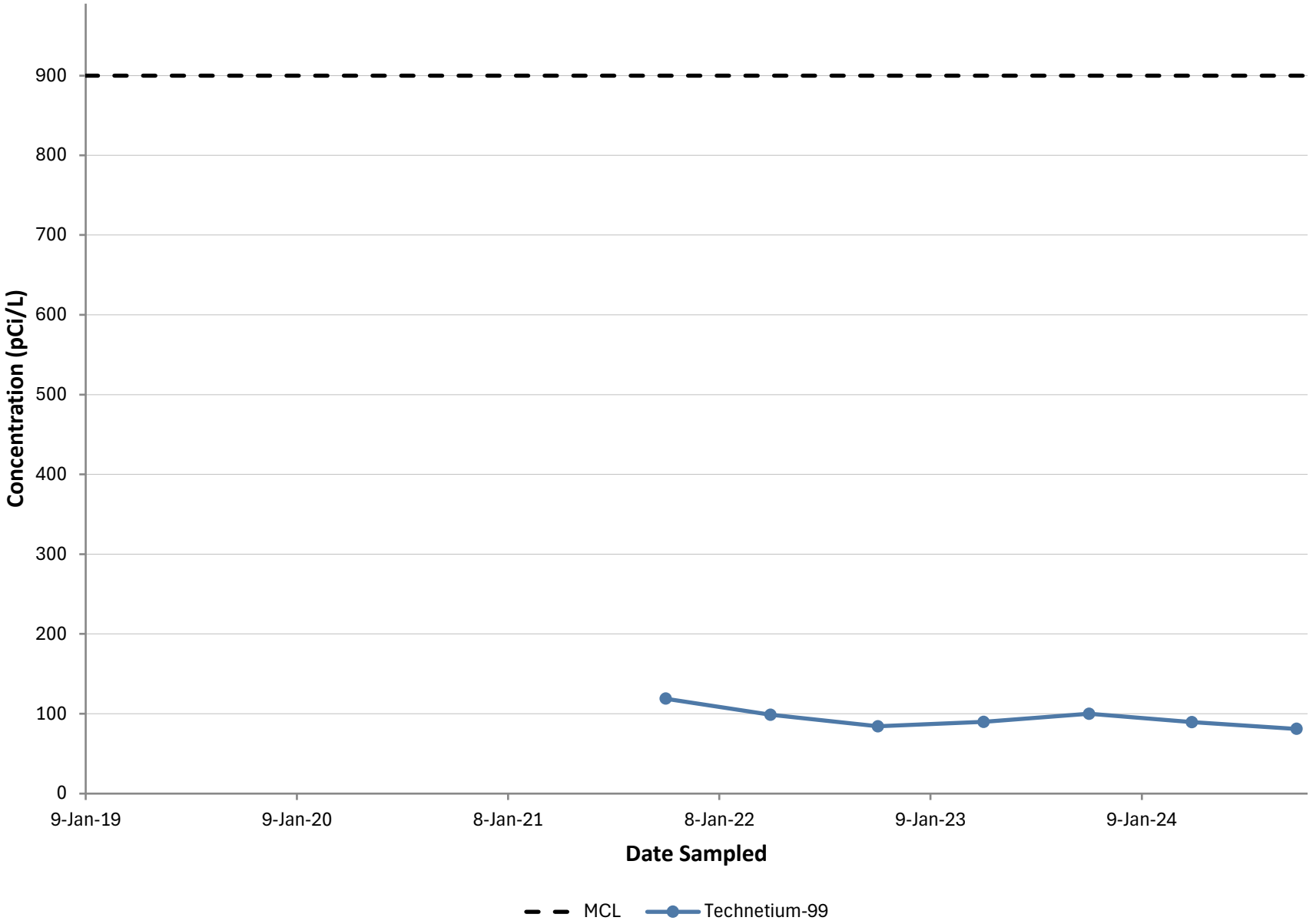
W-100

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



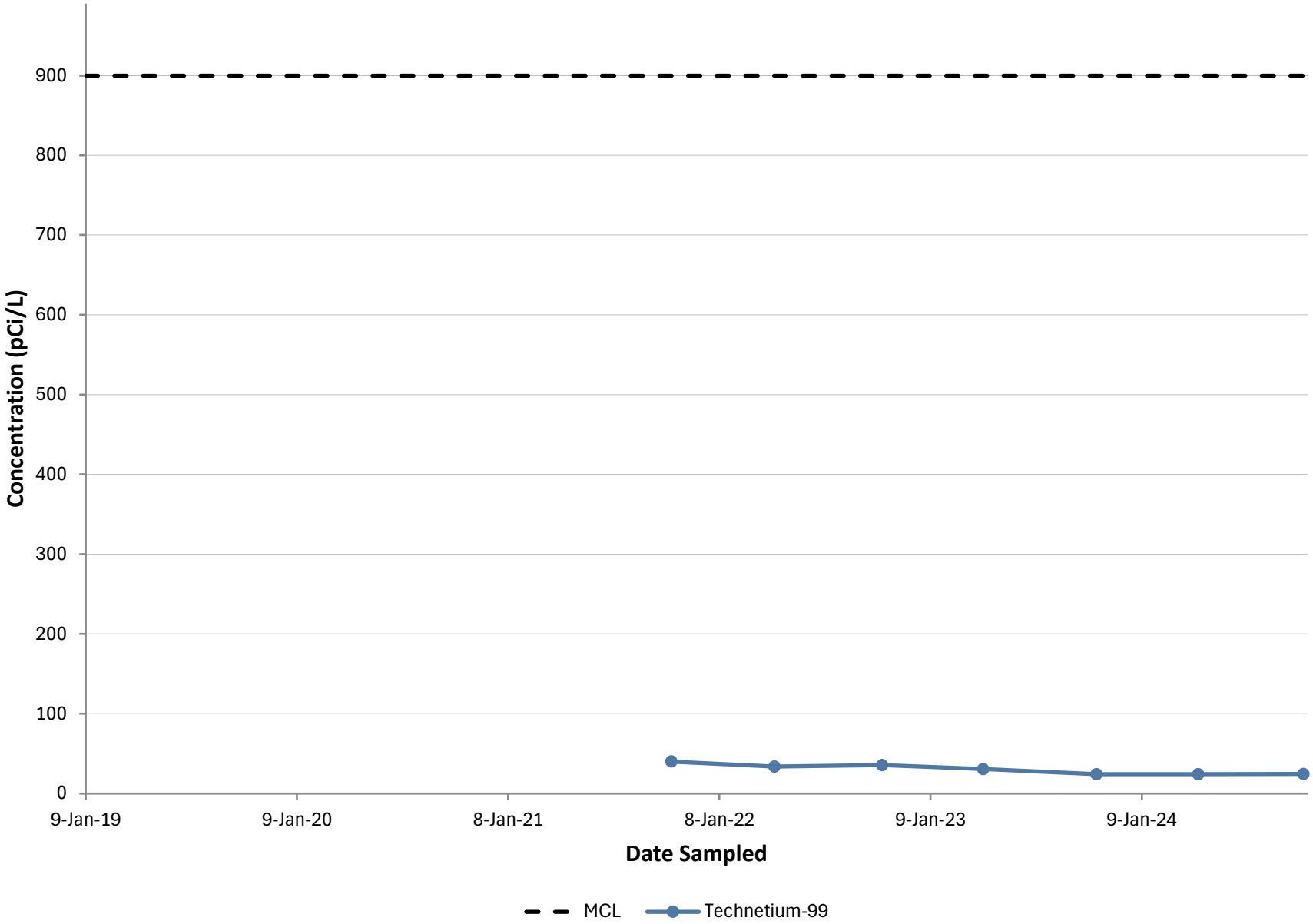
W-102

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



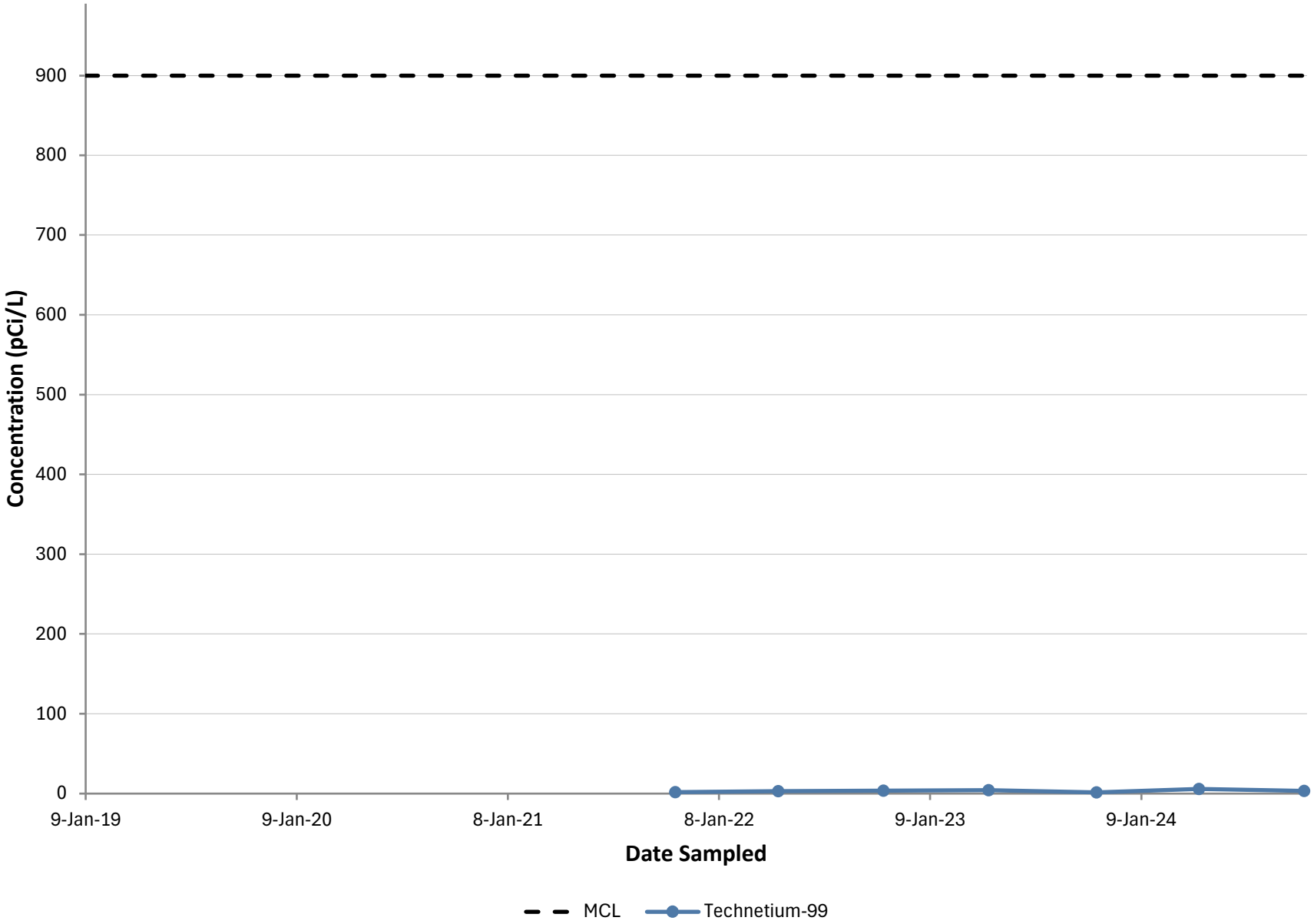
W-103

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



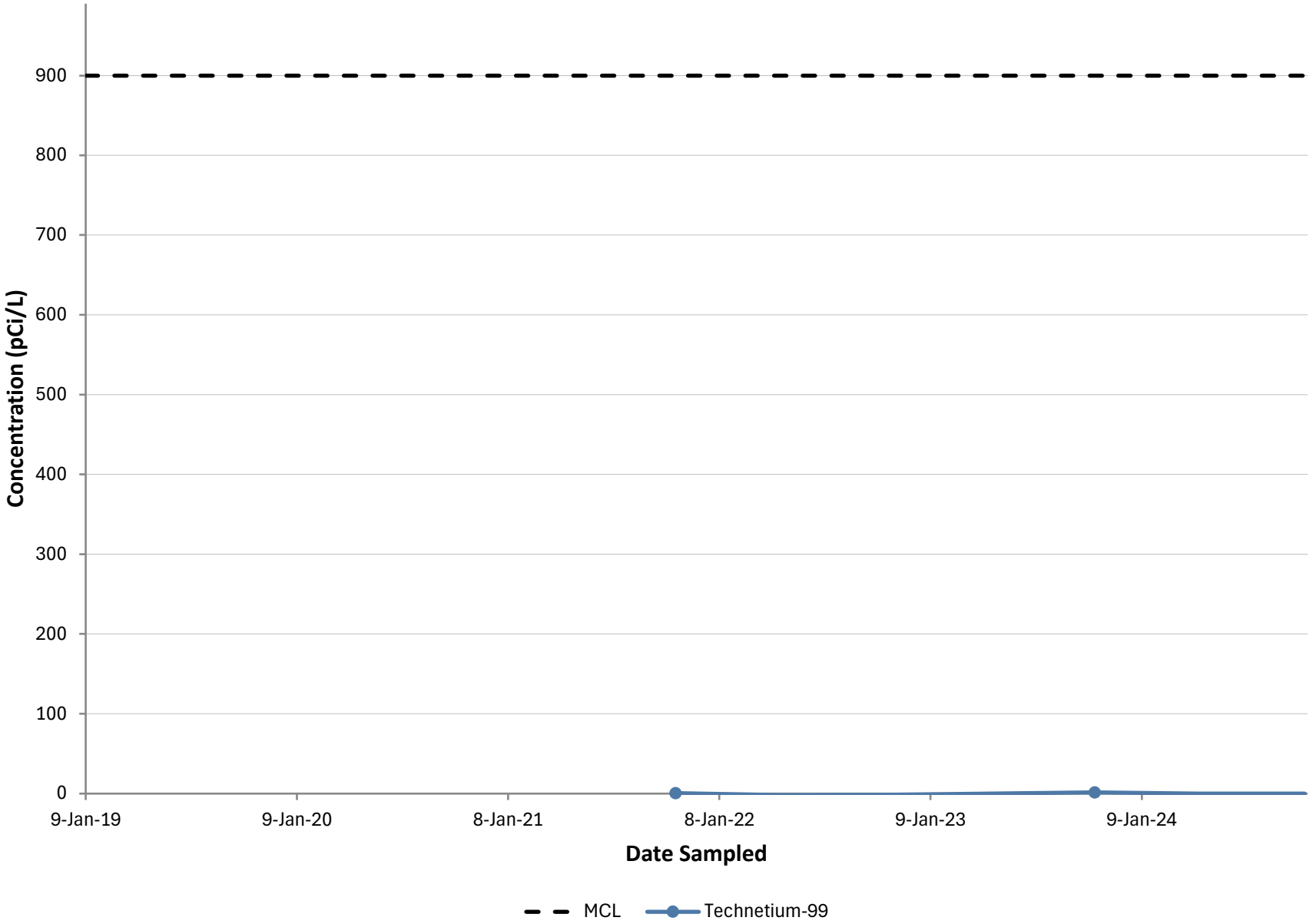
W-104

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



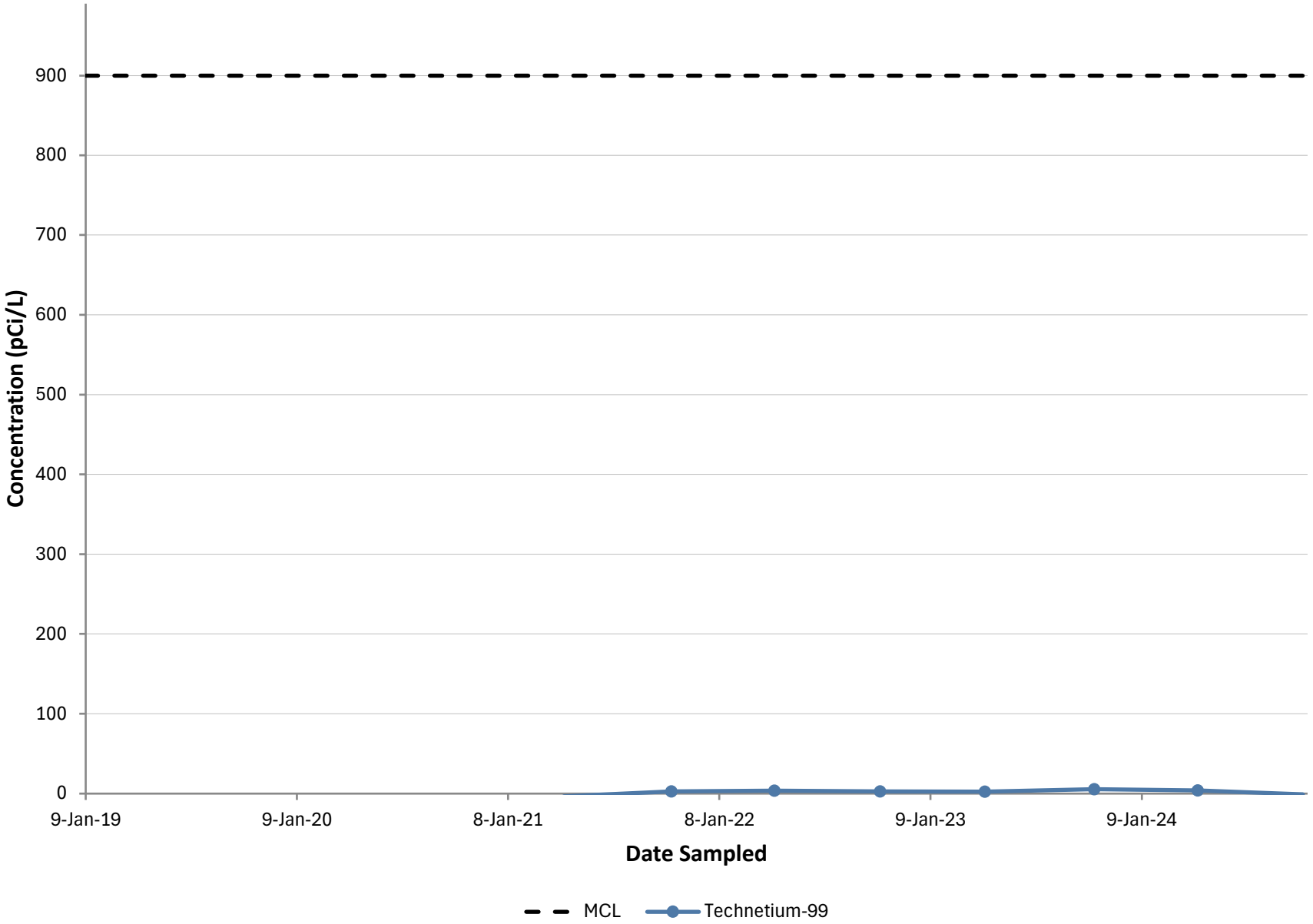
W-105

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



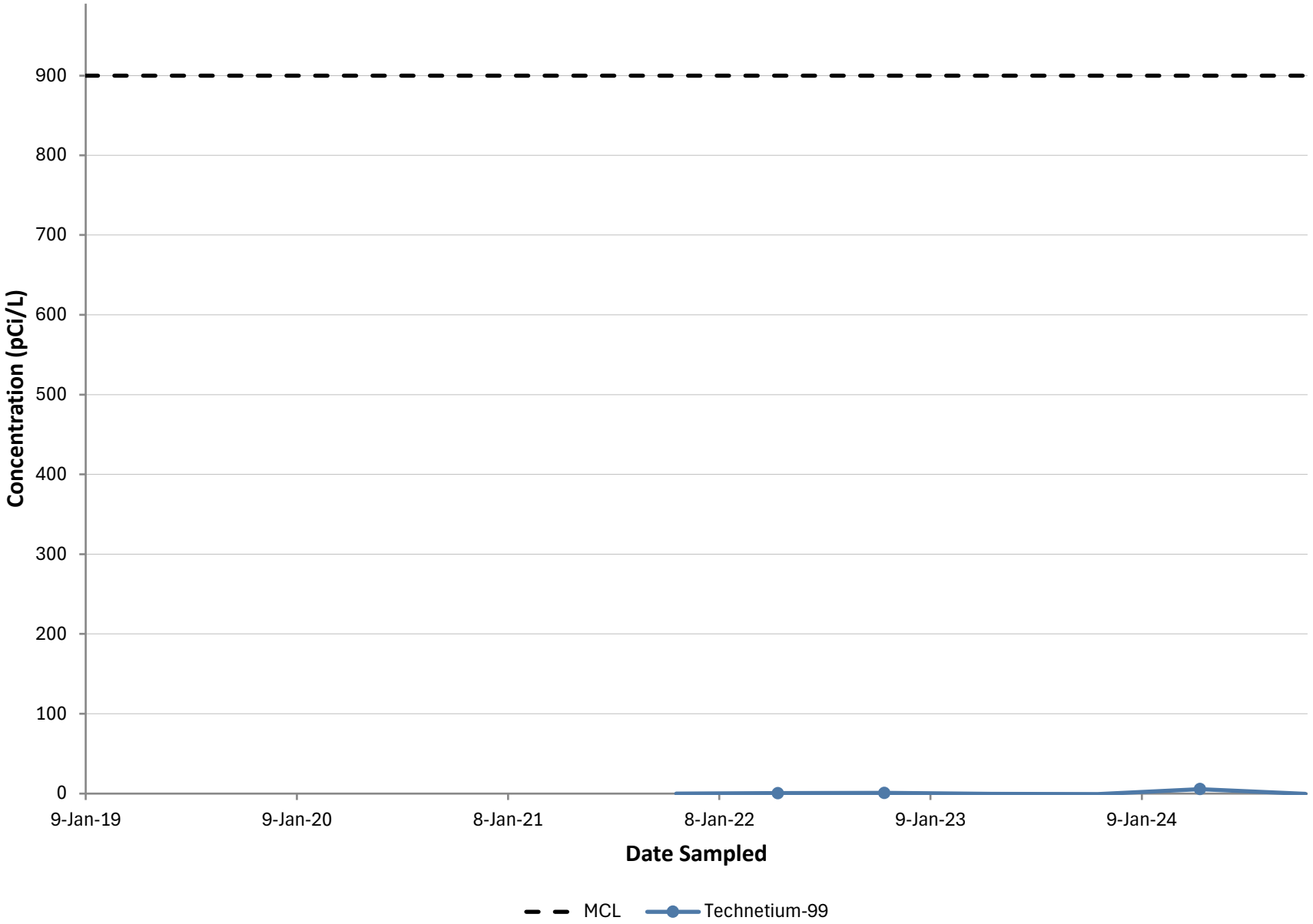
W-106

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



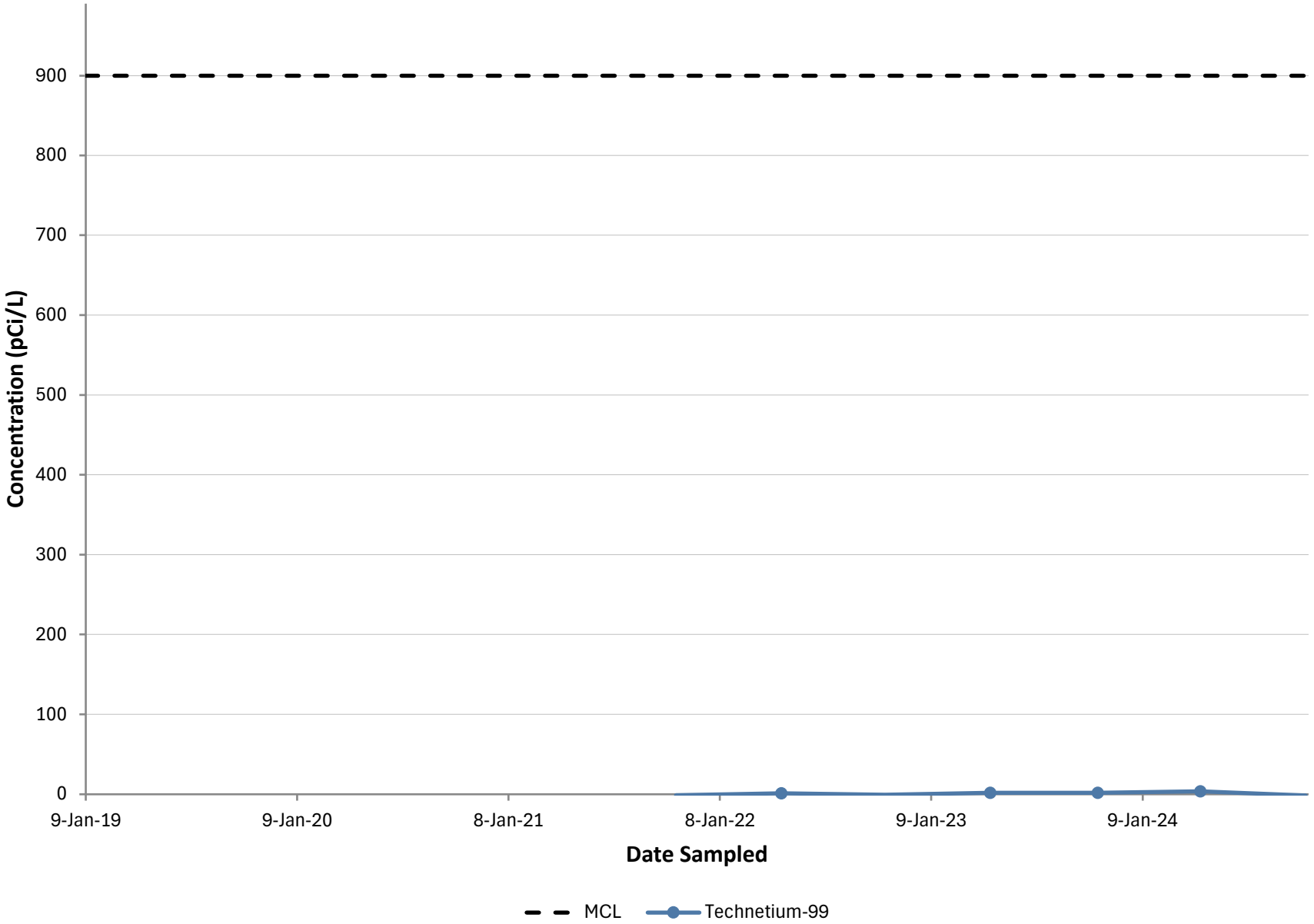
W-107

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



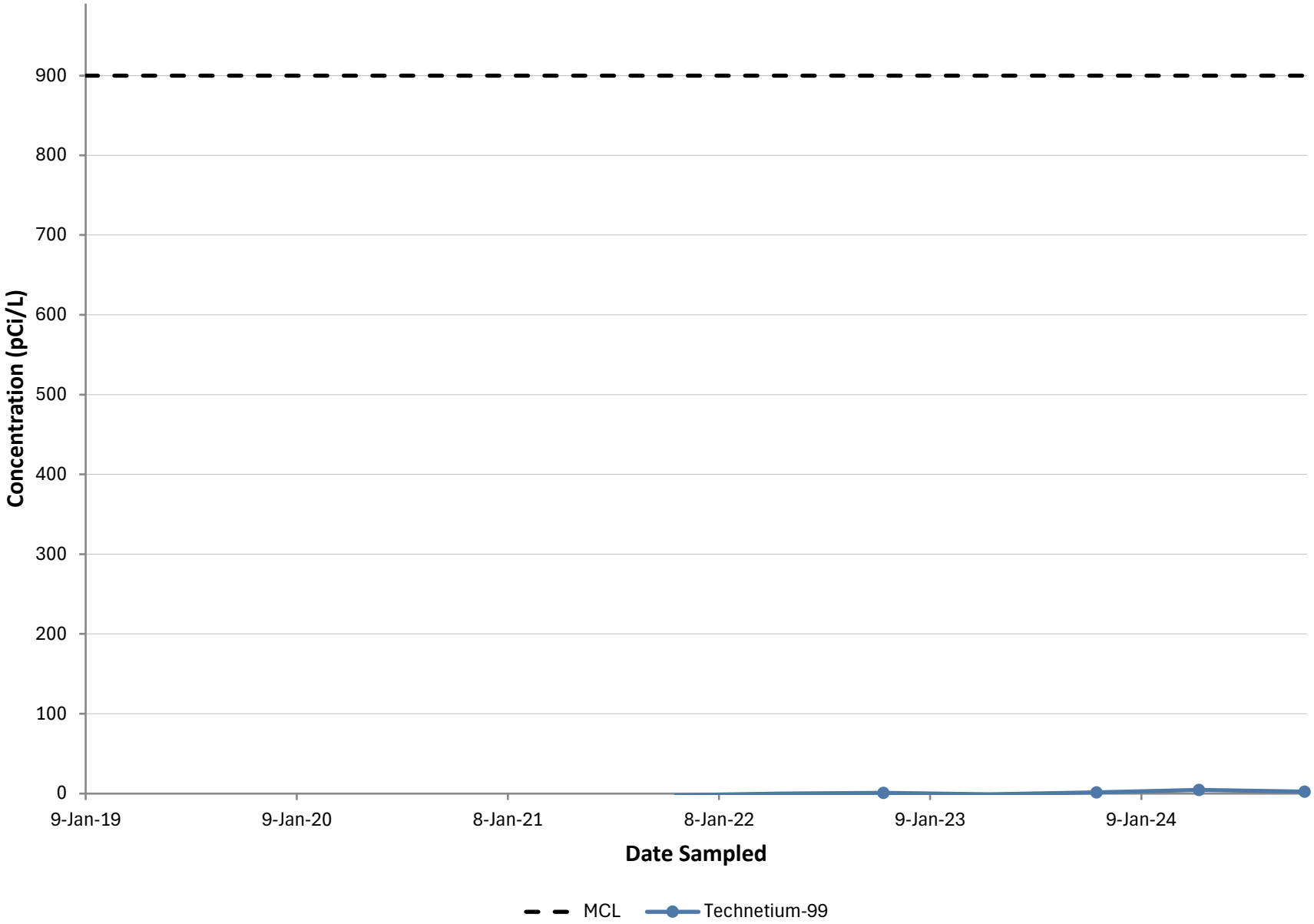
W-108

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



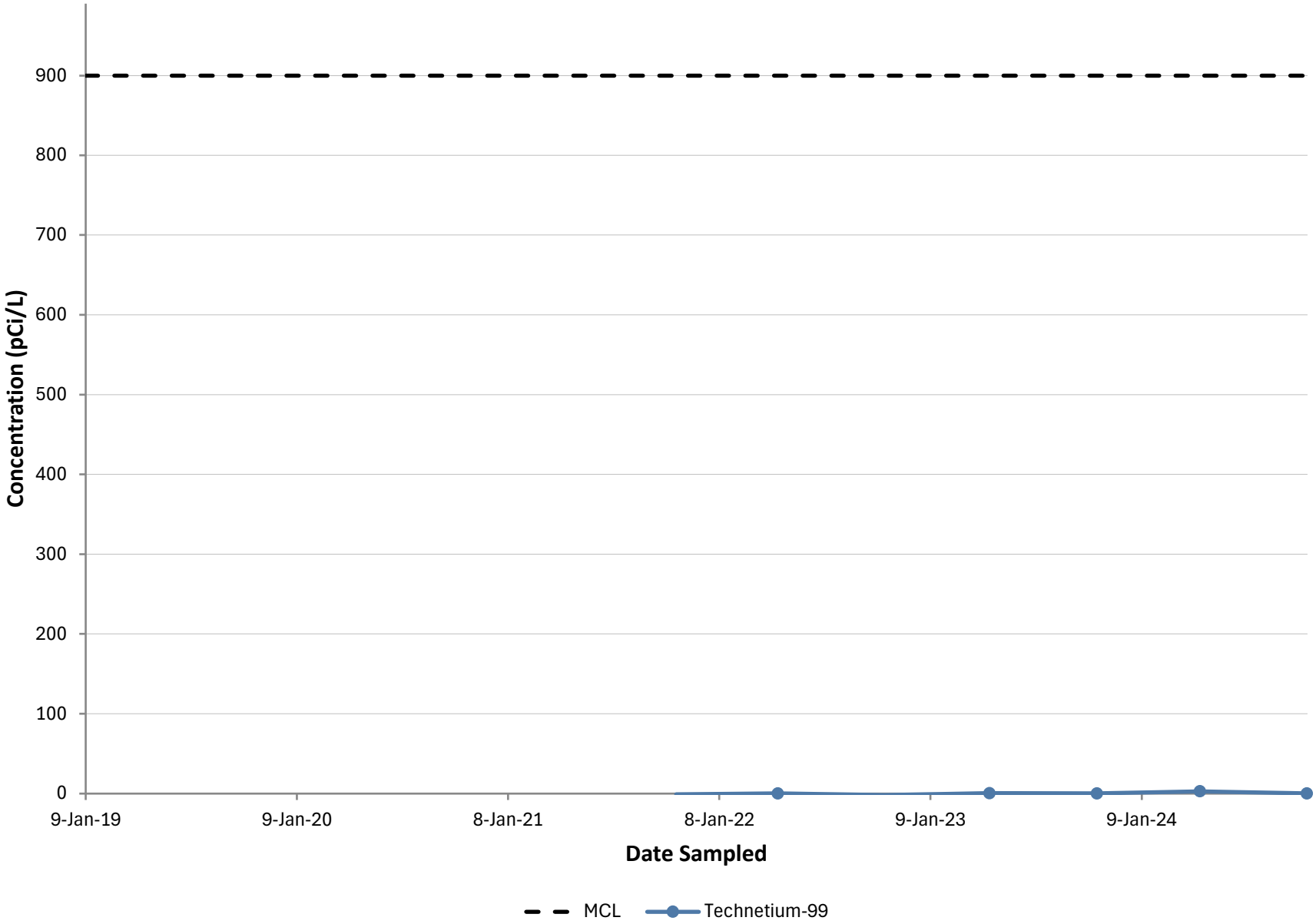
W-109

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



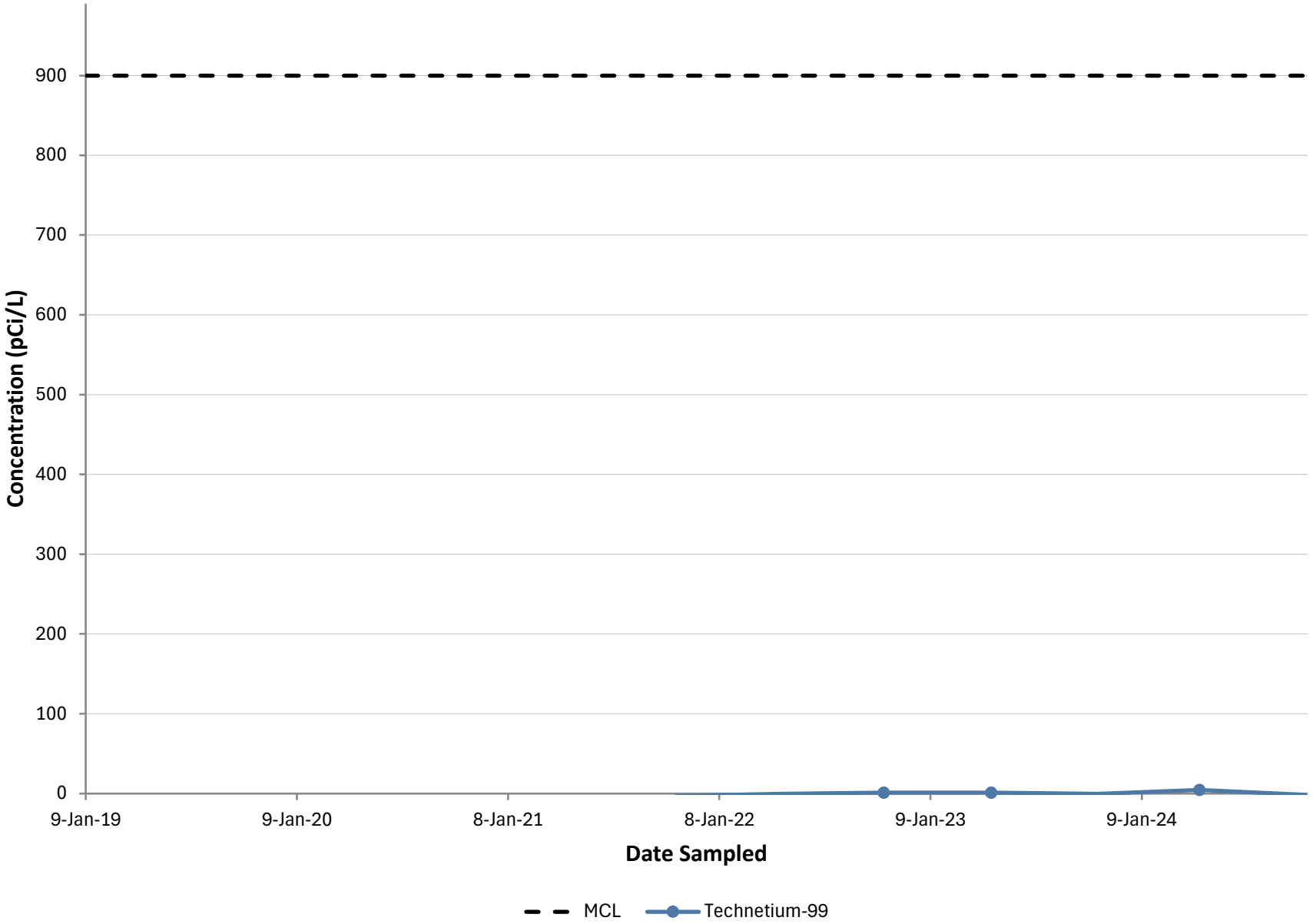
W-110

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



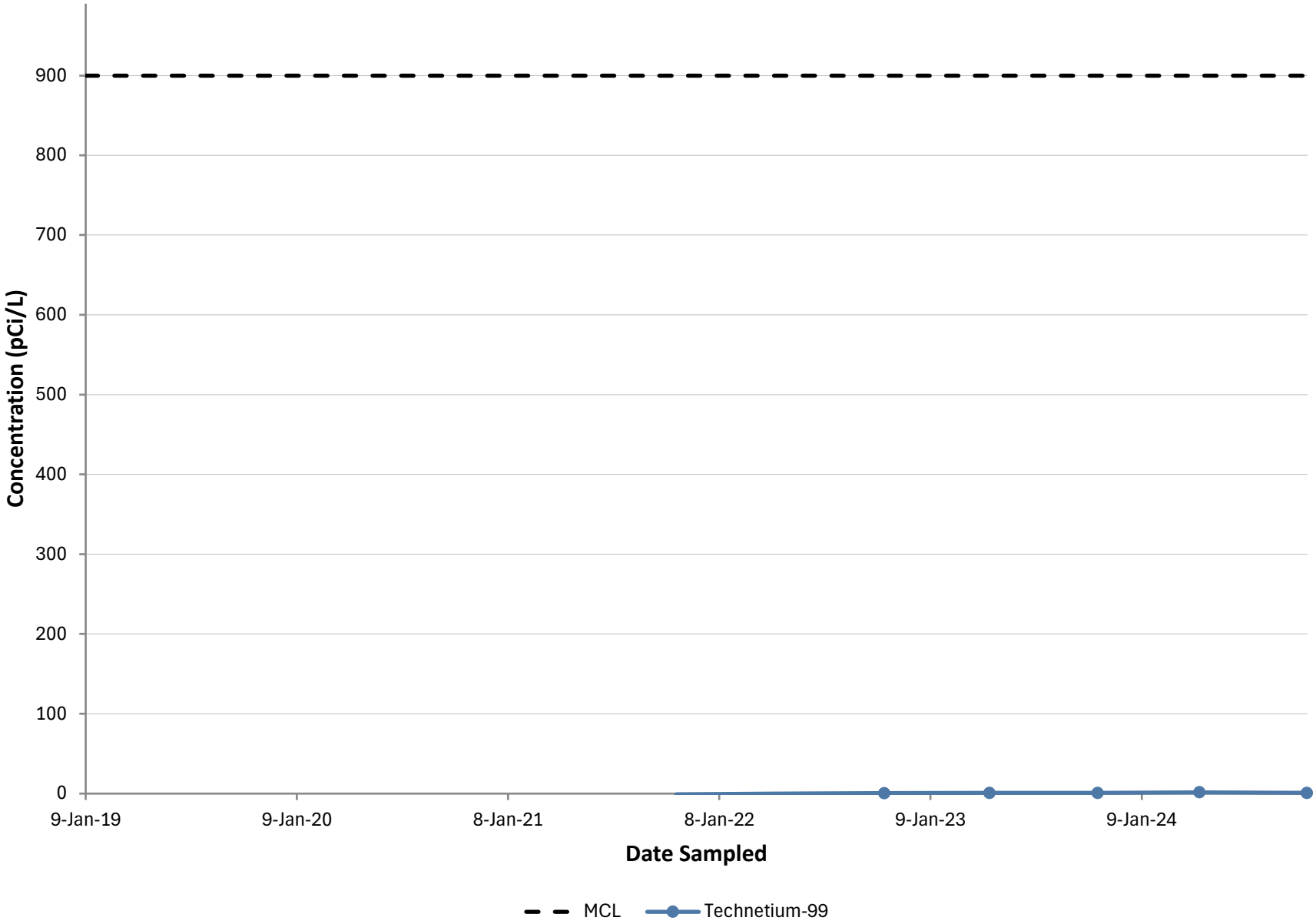
W-111

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



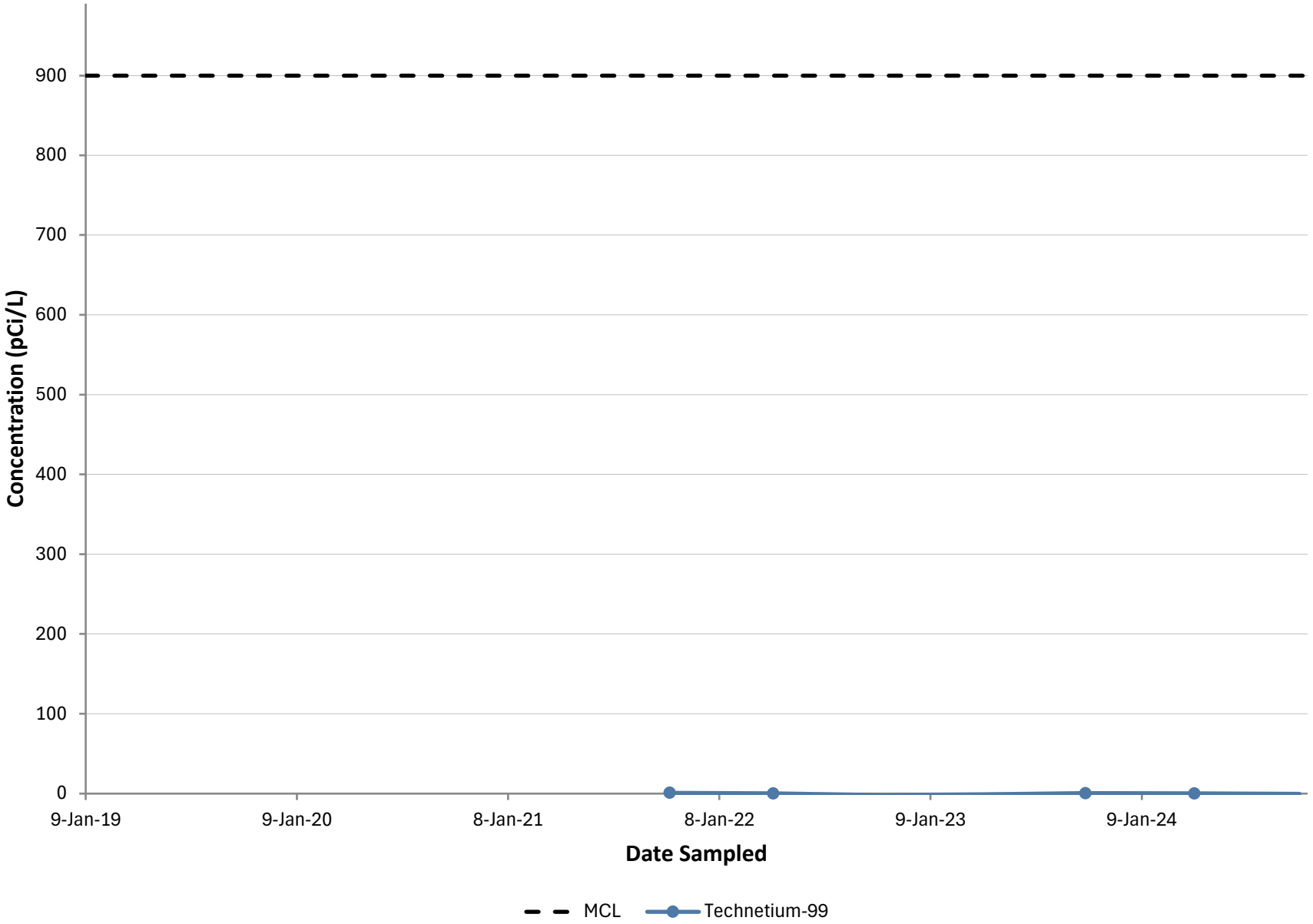
W-112

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



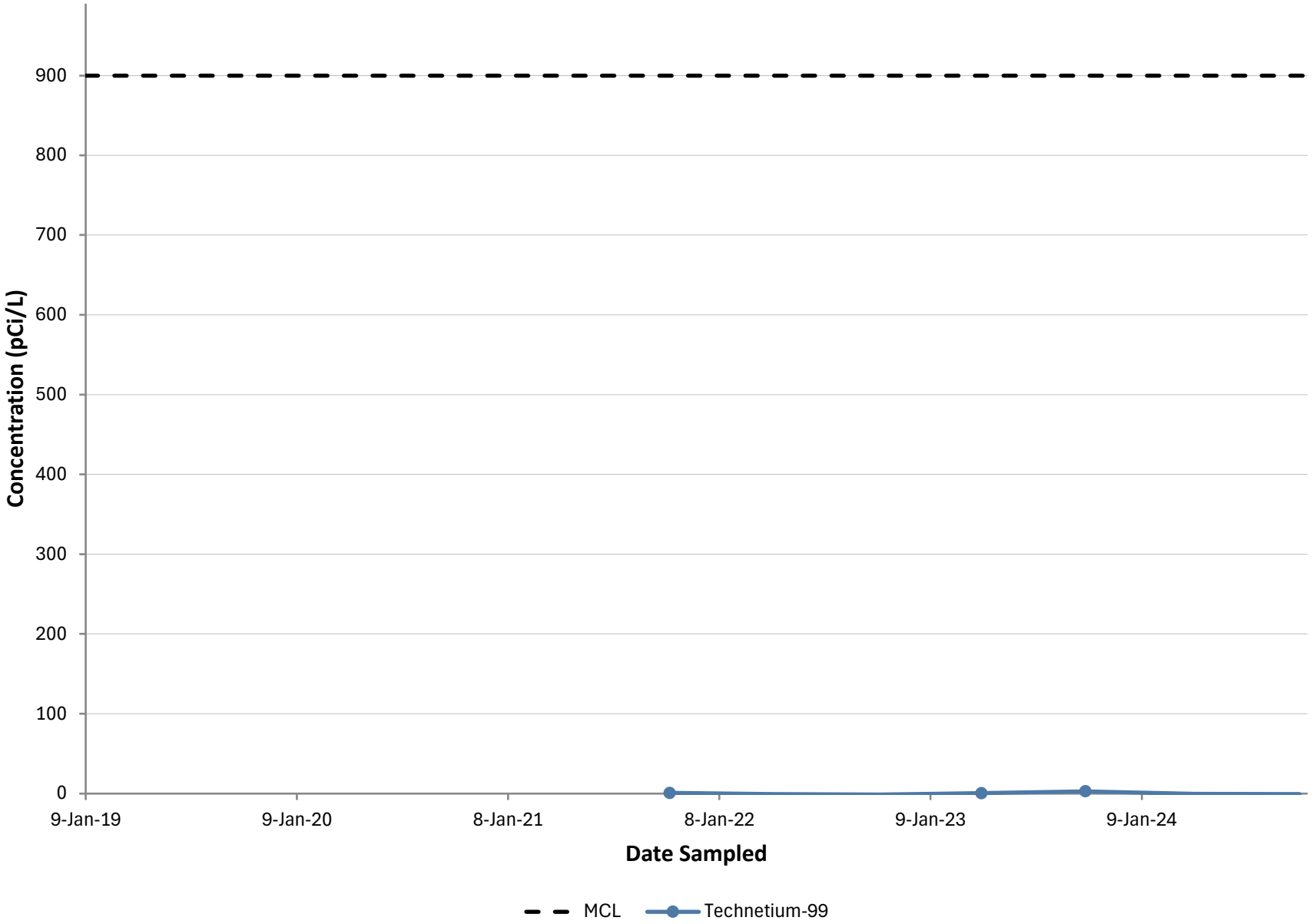
W-113

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



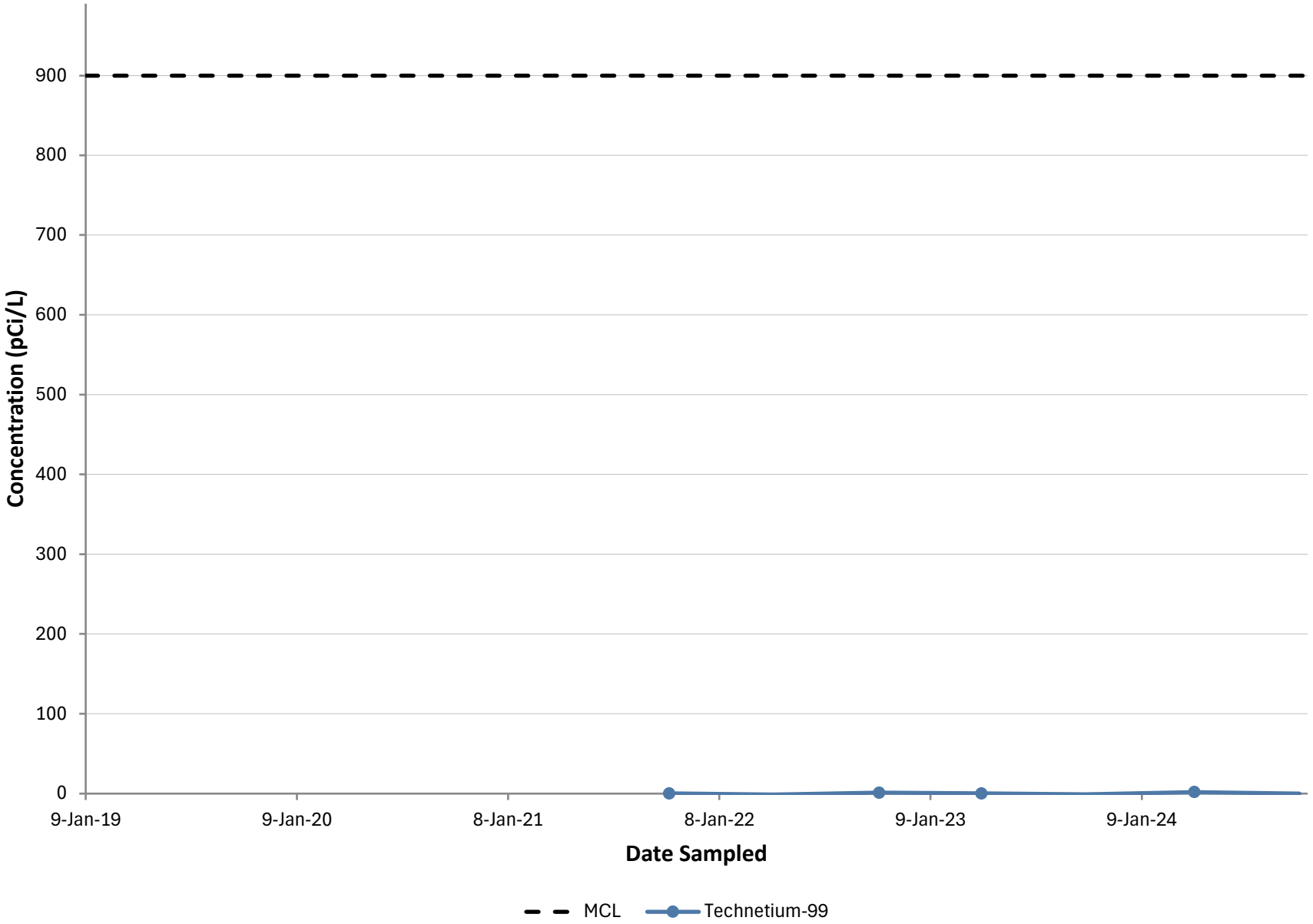
W-114

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



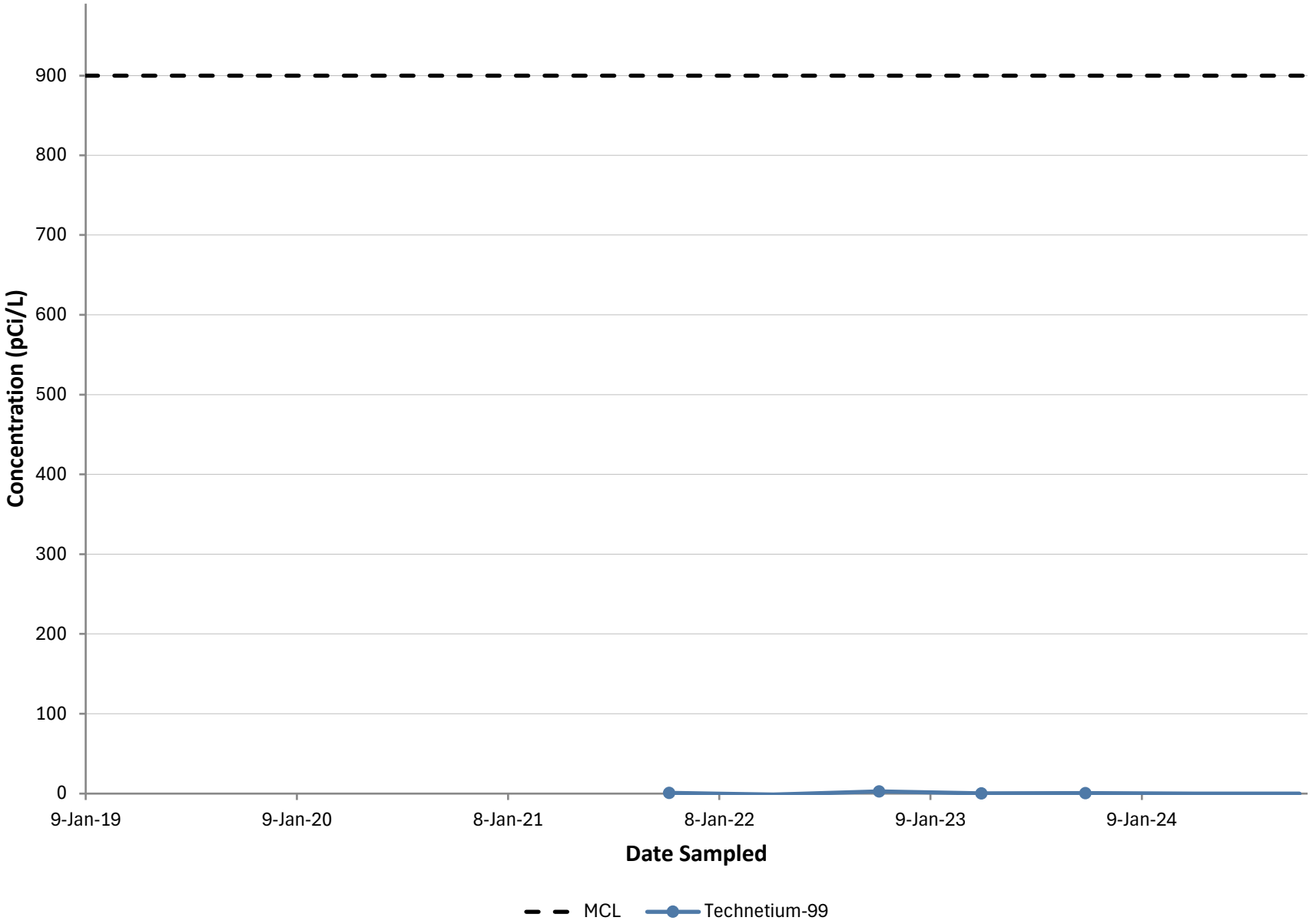
W-115

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



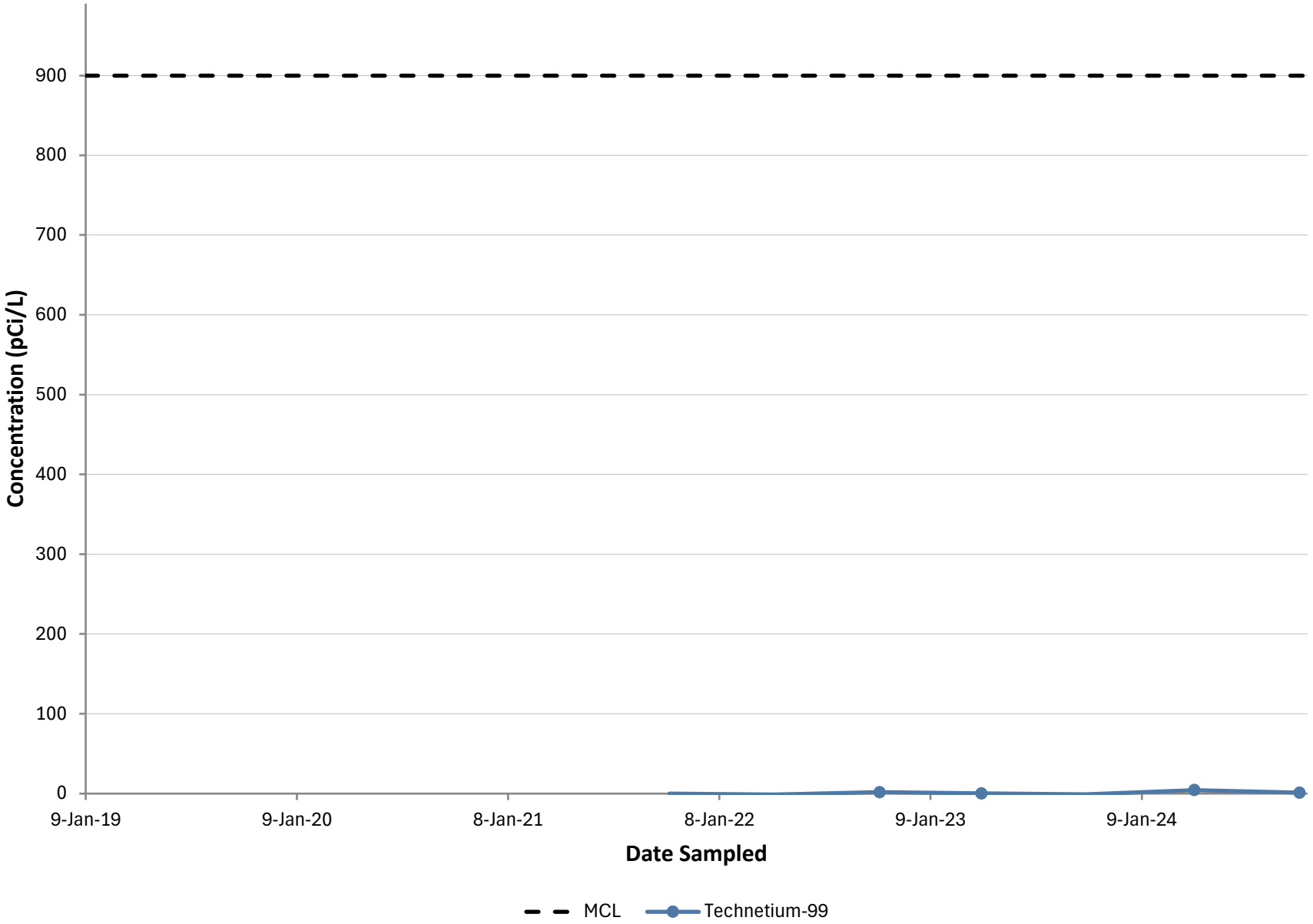
W-116

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



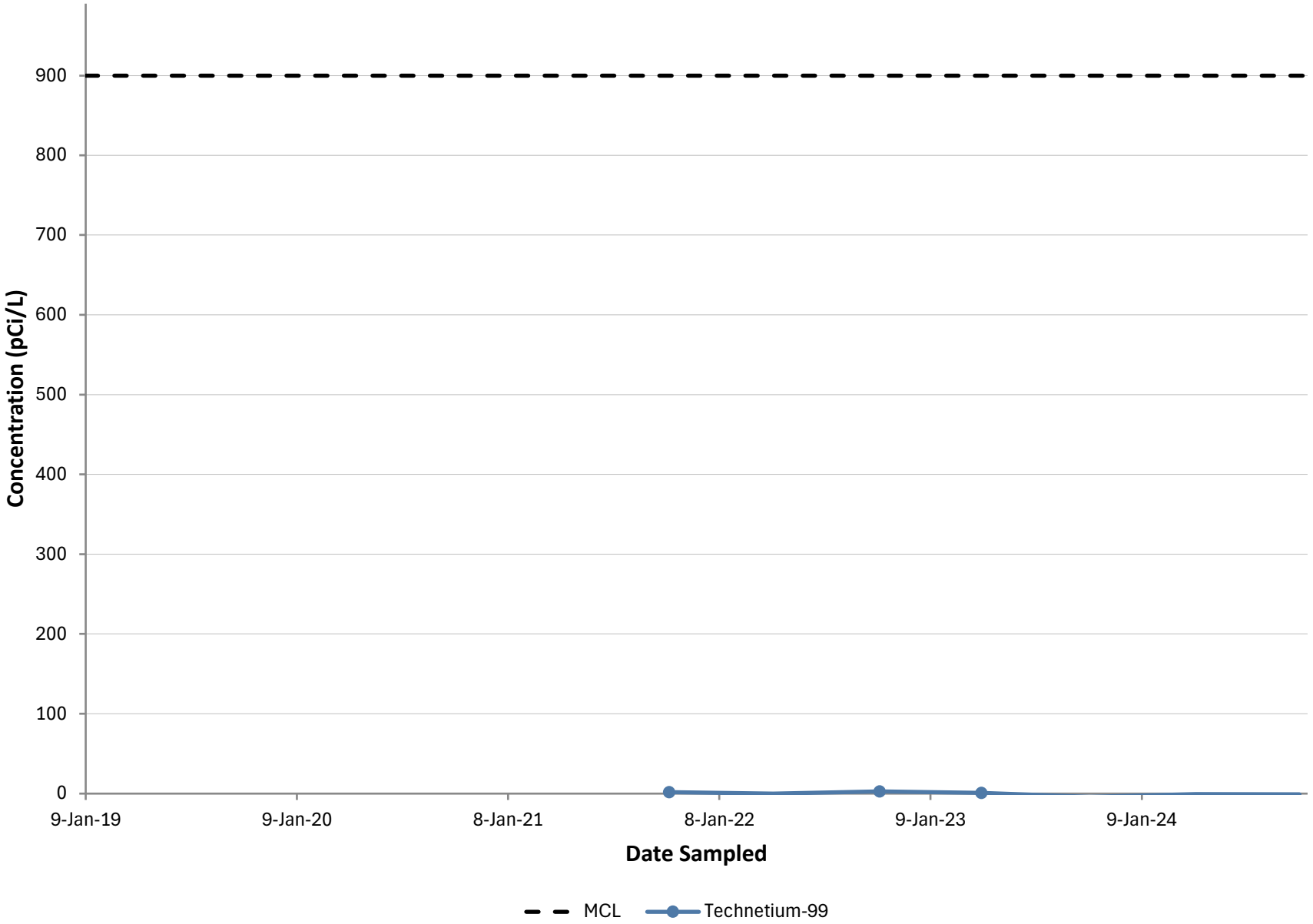
W-117

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



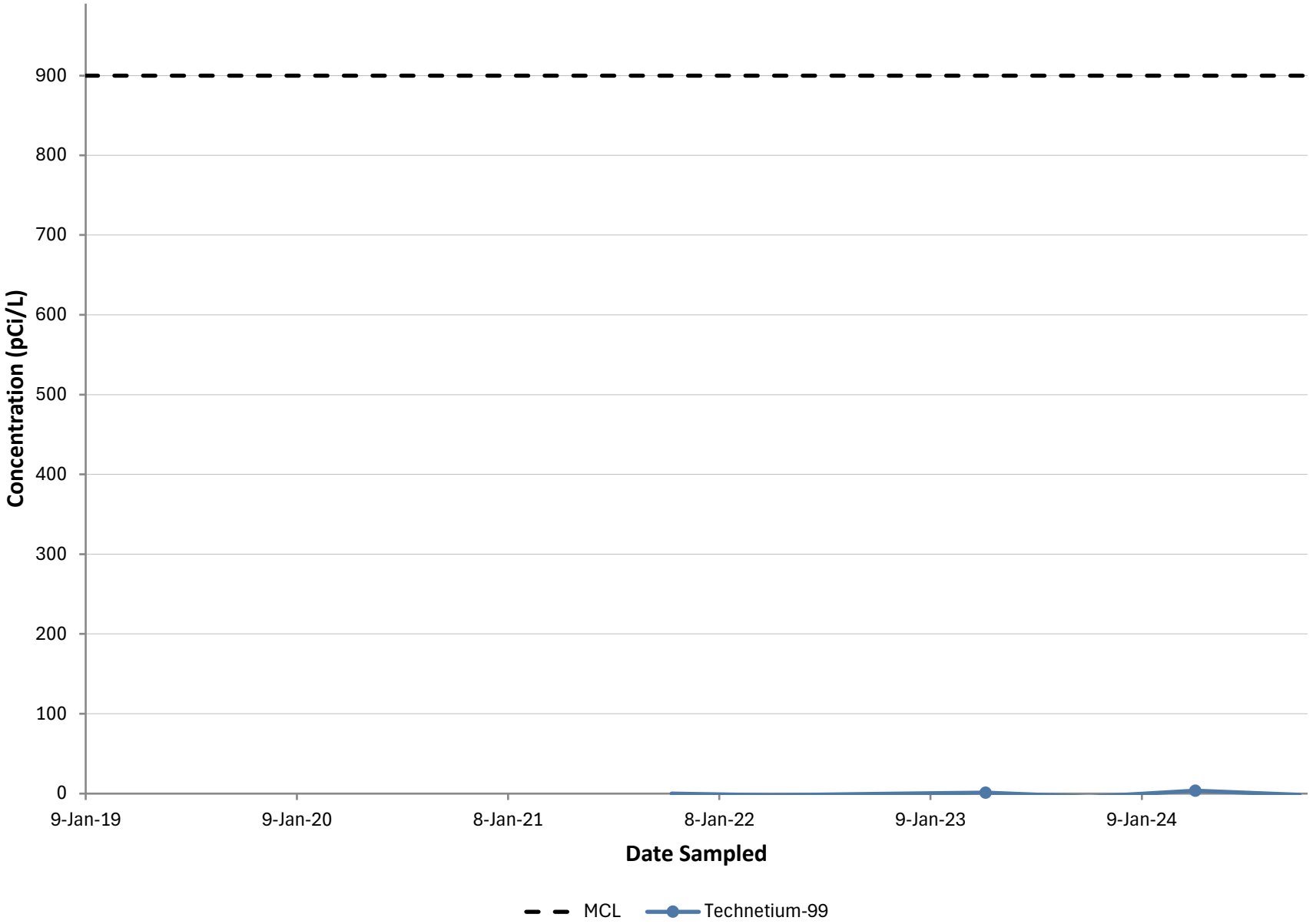
W-118

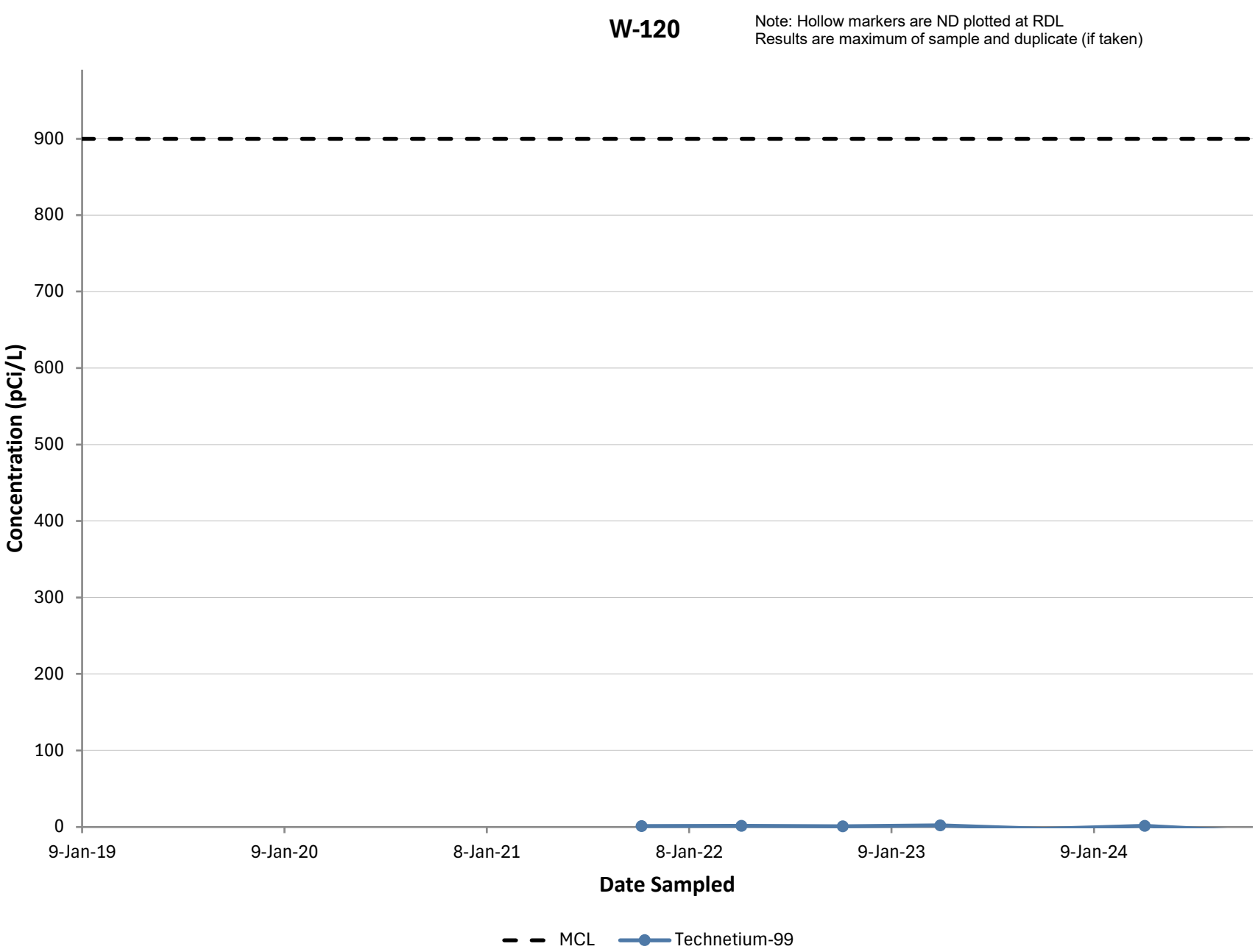
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-119

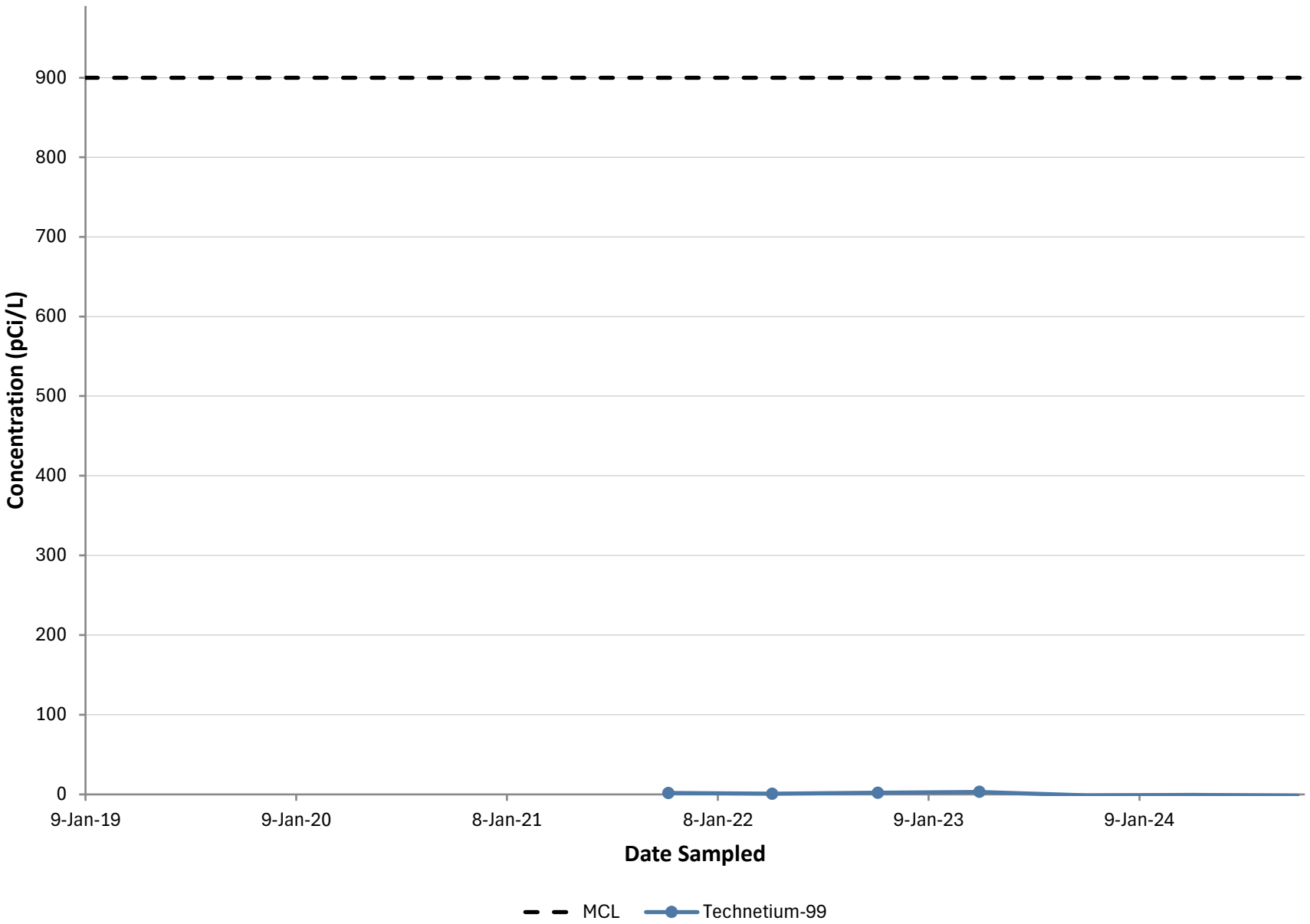
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)




W-120
Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)
900
800
700
600
500
400
300
200
100
0
Concentration (pCi/L)
9-Jan-19
9-Jan-20
8-Jan-21
8-Jan-22
9-Jan-23
9-Jan-24
Date Sampled
MCL
Technetium-99

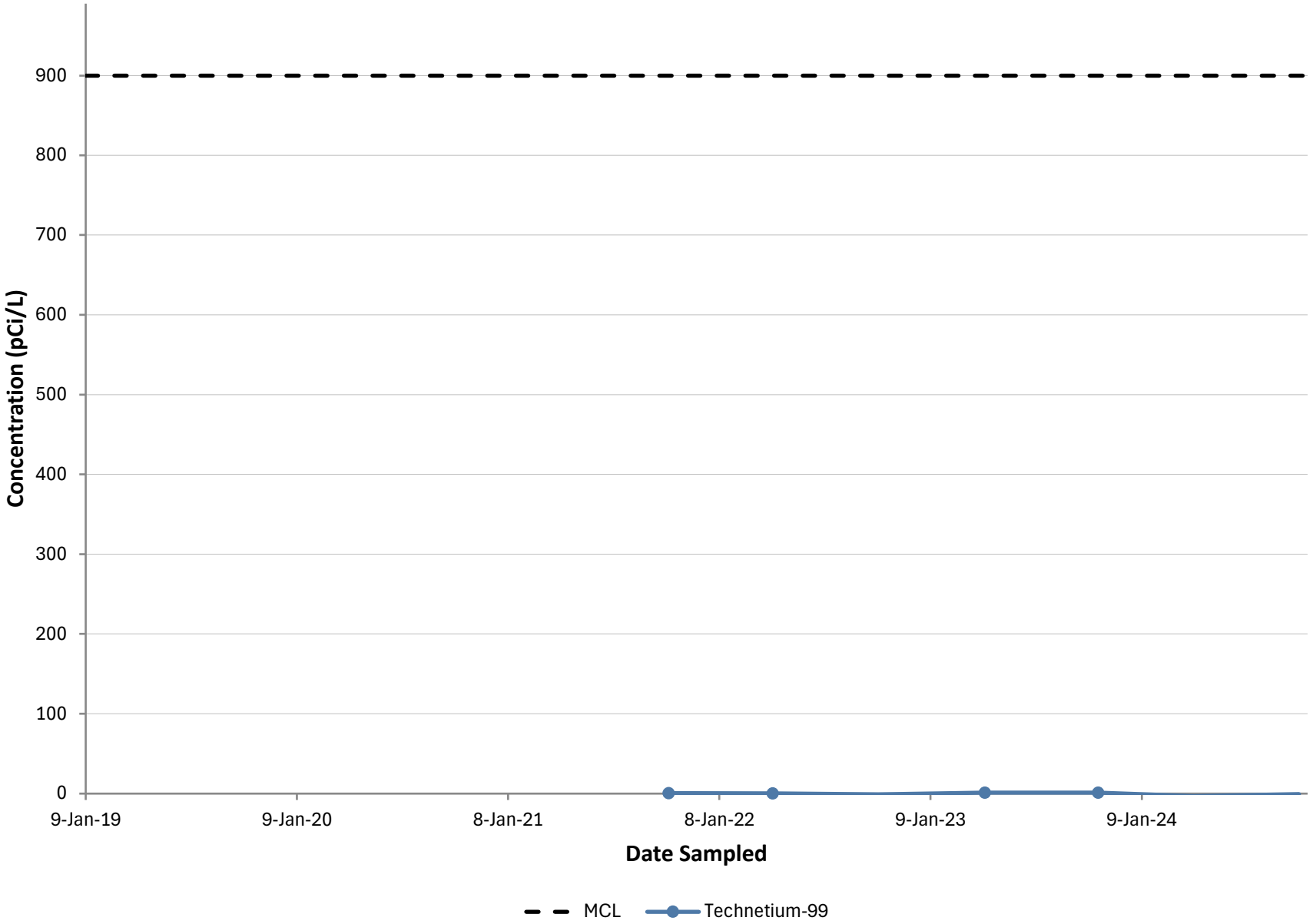
W-121

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



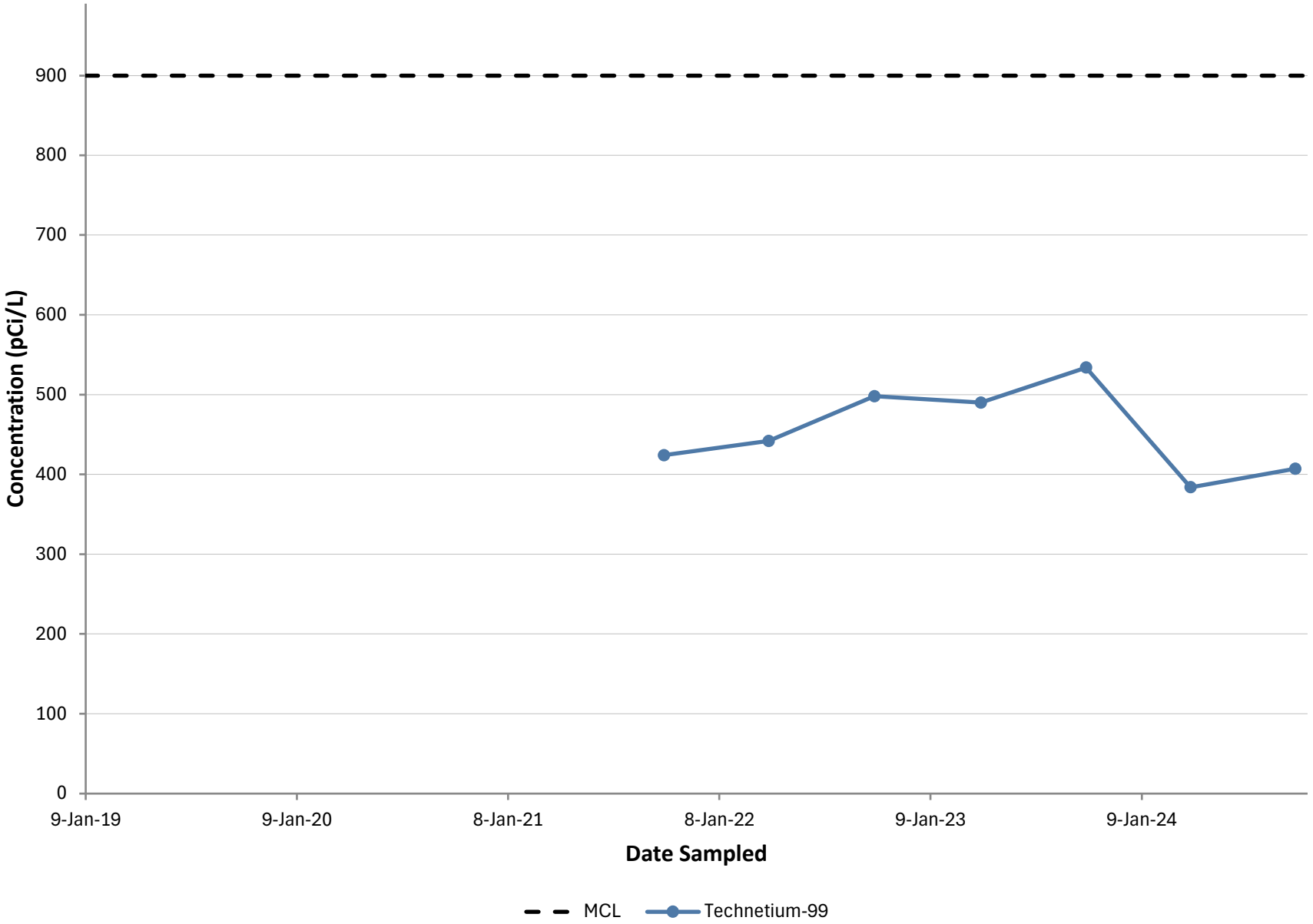
W-122

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



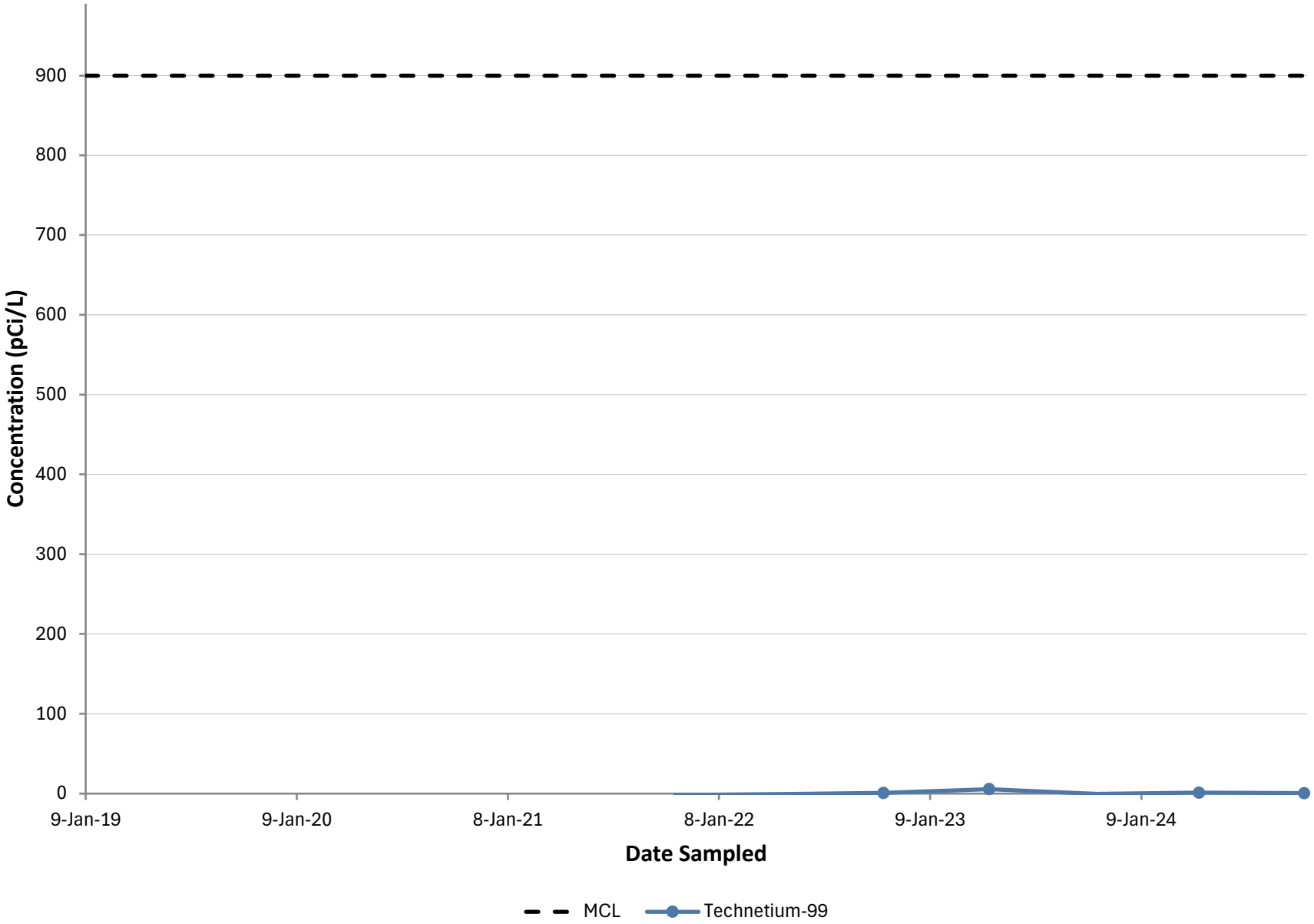
W-123

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



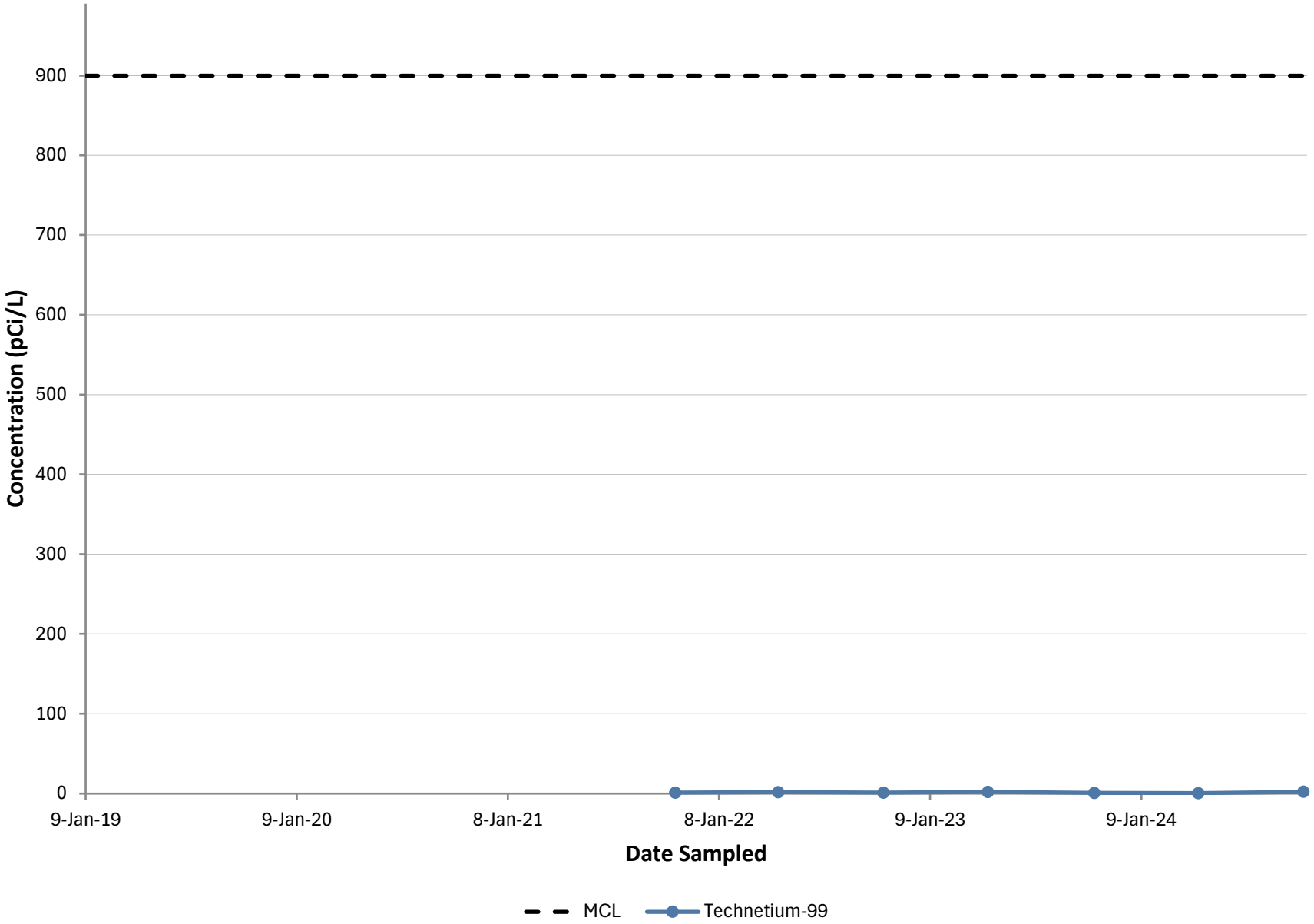
W-124

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-125

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)



W-126

Note: Hollow markers are ND plotted at RDL
Results are maximum of sample and duplicate (if taken)

