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June 1, 2021

Delivered via FedEx Overnight

Mr. Jeffrey E. Mendenhall
South Carolina Department of Health and Environmental Control
Assessment Section, UST Management Division
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201

**Subject: 2021 Annual Monitoring Report (April 2020 through March 2021)
Products (SE) Pipe Line Corporation (PPL)
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693, "Kinder Morgan Belton Pipeline Release"**

Dear Mr. Mendenhall,

On behalf of Products (SE) Pipe Line Corporation (PPL), enclosed is the 2021 Annual Monitoring Report for the Lewis Drive Remediation Site in Belton, South Carolina. This report summarizes the work performed at the site between April 1, 2020, and March 31, 2021. If you have any questions or concerns, please call me at (919) 859-5789 or Greg Dempsey/PPL at (770) 751-4143.

Regards,

William M. Waldron, P.E.
Project Manager

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File

Enclosure: 2021 Annual Monitoring Report (April 2020 through March 2021)

June 1, 2021

Delivered via Trackable Overnight Delivery

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Belton, South Carolina
Site ID #18693, "Kinder Morgan Belton Pipeline Release"**

Dear Mr. Mendenhall,

On behalf of Products (SE) Pipe Line Corporation (PPL), this 2021 Annual Monitoring Report presents a summary of the work performed at the Lewis Drive Remediation Site in Belton, South Carolina between April 1, 2020, and March 31, 2021, with a more detailed focus on the first 2021 trimester (December 1, 2020, through March 31, 2021). The activities conducted during the reporting period included sitewide gauging, product recovery, collection of surface water and groundwater samples for laboratory analysis, and air sparging (AS) system operation/maintenance. These activities were conducted in accordance with Table 1 of the *Groundwater and Surface Water Monitoring and Reporting Plan (April 1, 2020 to March 31, 2021)* submitted on April 22, 2020 (Jacobs, 2020a) and agreed upon by DHEC on July 30, 2020 (DHEC, 2020a). Figure 1 presents a map of the site and sampling locations, including monitoring wells, recovery sumps, recovery wells, and surface water monitoring locations.

1. Summary of Gauging and Product Recovery

Select monitoring wells and surface water locations were gauged during the mid-trimester events in May 2020, September 2020, and January 2021. Surface water locations were also gauged in December 2020 and February 2021 during monthly surface water sampling events. Gauging conducted during the trimester events consisted of comprehensive (July and November 2020) and sitewide (March 2021) events that included product recovery features (recovery sumps and wells). During the March 2021 event, the majority of residuum monitoring wells and nearly all recovery features (with the exception of RS-14 and RW-09) had water levels well within their screened intervals to allow the detection of free-phase product, if present, at the site. Groundwater elevations in the residuum aquifer, along with stream elevations, are presented on Figure 2A. Groundwater elevations in the bedrock aquifer are presented on Figure 2B. Field observations made during

this reporting period are summarized in Table 1 (located at the end of text) with stream and groundwater elevations tabulated in Table 2.

Water levels from the March 2021 gauging event were used to develop potentiometric surface maps for the site (Figures 2A and 2B). Groundwater potentiometric levels in both the residuum (Figure 2A) and bedrock (Figure 2B) aquifers mimic the topography of the site and generally flow from higher to lower topography. Cupboard Creek flows intermittently, indicating the primary direction of groundwater flow is northeast toward Browns Creek. The March 2021 water table configurations and potentiometric levels are consistent with previous findings.

Product recovery was performed continuously with passive systems in the Browns Creek Protection Zone (BCPZ), Cupboard Creek Protection Zone (CCPZ), Hayfield Zone, and Shallow Bedrock Zone (SBZ) in recovery wells and sumps. During this reporting period, the field team recorded the product collected from each canister/feature. The volume of product collected from the canisters was measured in a stainless-steel measuring cup, documented, and placed into onsite poly tanks for temporary storage, separation, and offsite disposal. Table 3 shows the dates and quantities of product that was recovered.

Product thicknesses continue to be negligible. In March 2021, measurable product thicknesses were observed at only 9 of 107 features monitored, ranging from 0.01 foot in MW-17B, RS-01, RW-03, and RW-10 to 0.05 foot in RW-07. Most notably, no monitoring well locations or recovery features within the BCPZ or the CCPZ contained measurable product, with the exception of RW-07. Product thickness and well gauging data are presented in Table 2. Figures 2A and 2B show locations where measurable product was found at the site. Hydrographs for select monitoring wells and recovery features that are representative of approximate product thickness trends are provided in Attachment A.

2. Summary of Surface Water Results

No signs of distressed vegetation or hydrocarbon sheens were observed during the surface water inspections for this reporting period. The inspection route of surface water features is presented on Figures 1, 2A, and 2B. Field observations documented during this reporting period are summarized in Table 1.

The stream aerators at Browns Creek were turned off for a 24-hour period prior to conducting site surface water sampling. Monthly surface water samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, and methyl tertiary butyl ether (MTBE) using U.S. Environmental Protection Agency (EPA) Method 8260D.

During the first trimester reporting period, dissolved hydrocarbons were detected at 5 of 12 surface water sampling locations: SW-02, SW-04, SW-08, SW-09, and SW-13 (Table 4A). Benzene was the only constituent that exceeded the surface water standard for protection of human health for consumption of water and organisms (2.2 micrograms per liter [$\mu\text{g/L}$]; DHEC, 2014) and was isolated to SW-02 and SW-04 during the first trimester. Additional detections during this reporting period were noted at sampling locations SW-01 and SW-14 with an isolated benzene exceedance at SW-01 in April 2020 (Table 4B). The only surface water location with consistent benzene exceedances was SW-02 during April through June 2020 and November 2020 through

March 2021. BTEX constituents have been nondetect at SW-12 since March 2020 but this location has been unable to be sampled since January 2021 due to high water levels in the stream. Surface water sample results for the first trimester are summarized in Table 4A; historical data for surface water samples are summarized in Table 4B. Trends for surface water sampling locations SW-01, SW-02, SW-04, SW-12, SW-13, and SW-14 are presented in Attachment B. The trend graphs for locations SW-01 and SW-12, and for SW-13 show a data gap for March 2019 and September 2019, respectively, because these locations were dry and did not allow for sample collection. The trend graphs for SW-01 and SW-12 show a data gap since December 2020 and January 2021, respectively, because samples at these locations were not collected due to high water levels. The trend graph for SW-14 also shows a data gap since November 2020 because samples were not collected due to landowner access restrictions. Laboratory analytical reports for surface water samples and chain-of-custody (COC) records are included in Attachment D.

3. Summary of Groundwater Results

Two groundwater sampling events were performed during the first trimester. Gauging was performed at select wells during the January 2021 mid-trimester event, and sitewide gauging was conducted during the March 2021 trimester event. During these two sampling events, wells were gauged using an oil-water interface probe to measure the depth to water and test for the presence and thickness (if detected) of product. The oil-water interface probe was decontaminated before each use and after the final measurement. Monitoring wells without free product were sampled during this reporting period using either a HydraSleeve, low-flow peristaltic pump, or submersible pump in accordance with the Quality Assurance Project Plan (QAPP), Revision 4 (CH2M-Jacobs, 2018). Samples were analyzed for BTEX, 1,2-dichloroethane, MTBE, and naphthalene using EPA Method 8260D. Groundwater sample results are summarized in Table 5A; historical data for groundwater samples are summarized in Table 5B.

Groundwater monitoring results during the first trimester demonstrate continued decreases in dissolved concentrations of hydrocarbons at MW-07, MW-13, and MW-50B (Hayfield); MW-12B and MW-15B (BCPZ); and MW-60 (CCPZ). Areas showing increased concentrations during the March 2021 event are localized to the Hayfield Zone (MW-02, MW-09, MW-17, and MW-50B) and CCPZ (MW-20 and MW-23). These slight increases in the Hayfield zone wells may be associated with the horizontal air sparge (HAS) shutdown for the product rebound test conducted during this reporting period. MW-20 and MW-23 (CCPZ) showed increasing concentrations during the first trimester but overall stable concentrations during the reporting period. The CCPZ will continue to be monitored and focused remedial performance adjustments will be made to continue decreasing hydrocarbon concentrations. Most bedrock wells, including those in the SBZ, are outside the influence of vertical air sparge (VAS) wells and yet HAS systems have stable dissolved concentrations with the exception of MW-50B.

Although site-specific groundwater cleanup targets have not been established, groundwater analytical results are screened against the risk-based screening levels (RBSLs) listed in the South Carolina Quality Assurance Program Plan (QAPP) for the Underground Storage Tank (UST) Management Division, Table D1 (DHEC UST Management Division, 2016), referred to as Target Screening Levels (TSLs). The results for the first trimester are provided in Table 5A, shown on Figures 3A and 3B, and summarized in the following sections. Historical groundwater analytical results are provided in Table 5B.

Trend plots for select groundwater monitoring wells are included in Attachment C. Note that the gray shaded area on the trend plots indicates the operational period of the AS system for wells estimated to be within the radius of influence of the AS system, and monitoring wells that have been nondetect or below TSLs since well installation are not presented. Laboratory analytical reports and COC records for this reporting period are provided in Attachment D.

3.1 Browns Creek Protection Zone

Remediation in the BCPZ during the first trimester shows dissolved concentrations in 15 of the 19 monitoring wells sampled below TSLs or nondetect, with the remaining four wells showing exceedances of benzene and MTBE (MW-15B and MW-39), and in some instances naphthalene as well (MW-38 and MW-38B). MW-34 was inaccessible for sample collection in March 2021 due to the high water level of Browns Creek.

- Dissolved concentrations in residuum and bedrock wells side-gradient of and within the AS system have decreased or remained stable since the last quarterly event. The benzene concentration in MW-12B has continued to decrease and is below its TSL of 5.0 µg/L this trimester for the first time since December 2019. Benzene concentrations at MW-15B increased at the beginning of this reporting period from May 2020 to September 2020 but have shown a steady decrease (a 68.8 percent reduction) between September 2020 and March 2021. Benzene and MTBE are the only exceedance as of March 2021. The upgradient expansion AS wells may now be influencing the presence of dissolved concentrations at MW-15B. High-flow purging was conducted at these locations through September 2020 but was discontinued in October 2020.
- The installation of downgradient monitoring well MW-38B was completed on April 14, 2020. Concentrations have remained stable since July 2020, with benzene, naphthalene, and MTBE exceeding their respective TSLs. MW-38 showed decreasing trends following oxidant injections in August 2019, but benzene and total xylenes began to rebound in February 2020 with the highest detection in July 2020. As of March 2021, there has been a 54.0 percent decrease since the July 2020 sampling event. Concentrations have remained stable during the first trimester. A plan for expanding the AS system at Browns Creek to address select wells that are not currently under the direct influence of the AS system is being developed and will be submitted for DHEC approval.
- Downgradient monitoring well MW-39 showed an increase in BTEX constituents in January 2021, but these concentrations have since dropped in March 2021. Benzene and MTBE exceed their respective TSLs.

3.2 Cupboard Creek Protection Zone

Dissolved concentrations in the CCPZ during the first trimester have decreased or stabilized in the residuum and bedrock wells. The only TSL exceedances in this zone during the first trimester are for benzene and MTBE, with the exception of MW-20 and MW-23.

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- MW-20 is within the influence of the AS system and shows a slight increase in BTEX exceedances during the first trimester; however, benzene does show an overall decrease of 44.5 percent since July 2020. This location will continue to be monitored to determine if changes are needed for remedial performance improvement.
- MW-23 is downgradient and outside the AS system's radius of influence and has shown fluctuating BTEX concentrations during this reporting period with increasing concentrations during the most recent first trimester. Benzene and toluene are currently above their respective TSLs. It is possible that the fluctuating concentrations are related to the high flow purging conducted at this well until October of 2020. This location will continue to be monitored to determine if changes are needed for remedial performance improvement.
- BTEX concentrations at monitoring wells MW-46 and MW-56 have been nondetect for the last two trimester sampling events (November 2020 and March 2021). The only exceedance at these two locations is MTBE; however this constituent still shows an overall decrease of 64.4 percent at MW-46 and 63.5 percent at MW-56 since March 2020.
- Concentrations at MW-57 have shown stable concentrations during the first trimester with benzene and MTBE exceeding their respective TSLs. The current benzene concentration has decreased by 83.8 percent since the beginning of the reporting period while MTBE has decreased by 57.4 percent. All other constituents have been nondetect since September 2020.
- The installation of downgradient monitoring well MW-60 was completed on April 7, 2020. The dissolved hydrocarbon concentrations increased initially but have steadily decreased since September 2020. Concentrations have been nondetect during both 2021 sampling events, which is the first time since installation. Additional monitoring wells have been approved by DHEC in correspondence dated January 23, 2020 (DHEC, 2020b), for installation downgradient of MW-57 and MW-60 after an access agreement is secured by PPL with the landowner.
- Naphthalene in MW-19 (within the AS system influence) was detected slightly above its TSL in November 2020; however, constituents at this location are currently below TSLs.
- Constituents were nondetect in downgradient monitoring wells MW-23B, MW-26, MW-26B, and MW-29.

3.3 Hayfield Zone

In March 2021, 21 of the 31 Hayfield monitoring wells sampled were nondetect or below TSLs. Two locations were not sampled due to well casing damage (MW-08) and high stream water level (MW-34), three locations were not sampled due to property access (MW-36, MW-36B, and MW-55), and two locations were inadvertently not sampled (MW-16 and MW-53). Attempts will be made to collect samples from these locations during the next monitoring event. In October 2020, the HAS system was shut down to conduct a product rebound study in accordance with the request letter submitted to DHEC on August 24, 2020 (Jacobs, 2020b), and approved by DHEC in letter correspondence dated September 28, 2020 (DHEC, 2020c). During the first trimester, only three locations showed increased dissolved hydrocarbon concentrations – MW-02, W-09, and MW-17.

- MW-07 (upgradient of the CCPZ AS system) has shown an order of magnitude decrease in BTEX concentrations since January 2021 with only benzene currently exceeding its TSL.

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- MW-02 and MW-09 are within the AS system radius of influence and have both shown increases in dissolved hydrocarbon concentrations since the HAS shutdown in October 2020. Prior to the shutdown, both locations were below TSLs for constituents analyzed; however, as of March 2021 naphthalene is above its TSL in both MW-02 and MW-09 with benzene also exceeding its TSL at MW-09.
- BTEX concentrations at MW-13 (downgradient of the hayfield AS system) have continued to decrease since July 2020 with only benzene exceeding the TSL in March 2021.
- BTEX concentrations have increased in MW-17, which is upgradient of the CCPZ AS system, during this reporting period with benzene above its TSL.
- MW-18 is within the AS system area of influence and has had stable BTEX concentrations below TSLs since March 2019, with only a slight increase in naphthalene exceeding the TSL in March 2021. Dissolved concentrations were above TSLs in 4 of the 10 bedrock wells that are outside the AS system radius of influence, with benzene concentrations ranging from 18.3 µg/L (MW-14B) to 4,660 µg/L (MW-17B) in March 2021. All other bedrock wells in the Hayfield Zone were nondetect or below TSLs during the first trimester.
 - MW-17B, which is upgradient of the Cupboard Creek AS curtain, has shown stable BTEX concentrations during the first trimester; however, benzene shows an overall decrease of 43.0 percent since July 2020. Benzene, ethylbenzene, toluene, and MTBE exceed their respective TSLs.
 - BTEX concentrations have fluctuated during this reporting period in MW-13B but have since shown stable concentration during the first trimester, with benzene and MTBE exceeding their respective TSLs.
 - Benzene has increased slightly in MW-14B to above its respective TSL during the first trimester but has shown overall stable conditions during this reporting period.
 - Benzene concentrations in MW-50B have increased during this reporting period but have shown a slight decrease in the latest March 2021 sampling event. Benzene and MTBE are above their respective TSLs.

3.4 Shallow Bedrock Zone

The residuum and bedrock wells in the SBZ have been nondetect or below TSLs for the first trimester reporting period with the exception of MW-11. The BTEX concentrations at this location have shown a decrease in concentrations during the reporting period with a slight increase in benzene during the first trimester sampling event. BTEX constituents remain above TSLs. MW-11 is in the expanded AS system radius of influence. The AS system is expected to influence BTEX groundwater concentrations within the area of and downgradient to MW-11 (Figure 3A). The benzene concentration at MW-01B was just above its corresponding TSL in July 2020 but has since decreased and is currently below its TSL.

4. Summary of Air Sparging System Operation/Maintenance and Efficiency

The average runtime for the AS system during the first trimester event was approximately 97 percent. Air compressor downtime during this reporting period was associated with routine maintenance visits and sampling and faults associated with high-pressure alarms.

PPL instituted approximately 9 days of planned downtime of the surface aerators associated with surface water sampling at the site. Before conducting the sampling, the stream aerators at Browns Creek were shut off for a 24-hour period and then restarted once sampling was completed. High sump pressures (caused by a suspected faulty valve and solenoid) associated with the system accounted for an additional 7 days of unplanned downtime. These alarms could not be reset, and the system could not be restarted remotely.

In accordance with DHEC approval, in a written letter dated September 28, 2020 (DHEC, 2020c), HAS wells were shut down for rebound analysis on October 1, 2020. With the HAS wells not operating, only one compressor has been operating since October 1. The compressors were rotated to move the compressor scheduled maintenance services from quarterly to semiannually.

Activities associated with operation and maintenance of the AS system are summarized by remediation area as follows:

- BCPZ: AS was performed using 35 VAS wells screened from approximately 13 to 72 feet below ground surface (bgs). The flow rates in these wells averaged 12.2 standard cubic feet per minute (scfm) per sparging well during the reporting period. Additionally, air was injected into two surface water submersible diffusion aerators installed in Browns Creek at an average flow rate of 14.0 scfm each during this reporting period.
- CCPZ: AS was performed using a curtain of 24 VAS wells screened between 9.5 and 31.2 feet bgs at an average flow rate of 8.6 scfm per sparging well during this reporting period.
- Hayfield Zone: AS was not performed during this reporting period.

5. Additional Activities

No additional activities were performed during the most recent trimester event (December 2020 through March 2021). Prior activities performed during this reporting period were presented in the first and second trimester monitoring reports (Jacobs, 2020c, 2021).

6. Summary of Findings

The following conclusions are based on site work performed during the first trimester reporting period between December 1, 2020, and March 31, 2021:

- Product thickness values have declined to negligible levels in both recovery and nonrecovery features across the site. Of the 107 monitoring features gauged during the March 2021 event, 9 locations had no product thicknesses greater than 0.05 foot. Additionally, free-phase product has not been detected at any monitoring well locations or recovery features within the BCPZ or CCPZ, with the exception of RW-07.

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- Remedial efforts continue to be effective at reducing dissolved concentrations of hydrocarbons in groundwater across the site with limited impacts remaining outside the AS system radius of influence, upgradient of Browns Creek and Cupboard Creek. Of the 70 residuum and bedrock well groundwater samples analyzed during the March 2021 event, 70.0 percent of the wells were nondetect or below TSLs for constituents analyzed. Benzene concentrations in MW-12B (BCPZ) are below TSLs this trimester for the first time since December 2019 and are nondetect for the first time in MW-60 (CCPZ) since initial sampling was conducted in May 2020. Additionally, hayfield well locations MW-07 and MW-13 have shown an order of magnitude decrease in benzene since January 2021 and September 2020, respectively.
- Oxidant injections were conducted in August 2019 to address dissolved concentrations at monitoring wells MW-46, MW-56, and MW-57 in the CCPZ and MW-38 in the BCPZ that are outside the AS system radius of influence. The following has been noted since these injections:
 - MW-46 and MW-56 continue to be nondetect for BTEX while MW-57 has shown an increase in benzene and MTBE just slightly above their TSLs.
 - Rebound has been observed in the MW-38 area (BCPZ) with stable concentrations during the first trimester. An expansion of the air sparge system is being planned pending DHEC approval.
- The results from the monitoring wells that are within the AS system radius of influence show good performance across the site, with only MW-11 and MW-20 still needing continued monitoring and focused treatment. For areas outside the AS system radius of influence, the Hayfield area shows a slight increase in hydrocarbon concentrations in MW-17 and MW-50B and areas upgradient of Browns Creek and Cupboard Creek show stable dissolved hydrocarbon concentrations in monitoring wells since July 2020 and will continue to be monitored and considered for potential remediation.
 - Monitoring well locations MW-17 and MW-50B, southwest and east of the Hayfield HAS system, show an increase in BTEX concentrations during this reporting period, which may be due to the HAS shutdown in October 2020 to conduct the product rebound test.
 - The area northwest of Lewis Drive shows stable concentrations at monitoring wells MW-13/13B (Hayfield) and MW-38/38B (BCPZ) during the first trimester. The August 2019 injections focused in the area of MW-38 and an additional bedrock monitoring well (MW-38B) was installed in April 2020 to further delineate dissolved concentrations in this area (DHEC, 2020b). An improvement plan for expanding the air sparge system at Browns Creek, northwest of Lewis Drive, will be submitted for DHEC review and approval.
 - The area southwest of Lewis Drive shows decreasing and stable concentrations during the first trimester in downgradient wells MW-46, MW-56, MW-57, and MW-60 (CCPZ). Locations MW-46, MW-56, and MW-57 show nondetect BTEX concentrations and MW-57 with slightly elevated exceedances for benzene and MTBE. MW-23 has shown increased BTEX concentrations during the first trimester event. Installation of additional downgradient monitoring wells is planned, pending landowner access, to fully delineate dissolved hydrocarbon concentration in the area of the CCPZ. The impacts within Cupboard Creek will continue to be assessed as to whether this area is being sufficiently treated by the AS system or if expansion of the AS system should be considered.

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- Hayfield Zone remediation has resulted in the majority of the TSL exceedances being outside the AS system radius of influence, except for MW-02, MW-09, and MW-18 exceeding their TSL for naphthalene and MW-09 also exceeding its TSL for benzene. Rebound monitoring is ongoing for this area of the site. The slight increases in the Hayfield zone wells may be associated with the HAS shutdown in October 2020 for the product rebound test.
- Both surface water bodies have upgradient AS treatment zones, and although there has been seasonal fluctuation in concentrations (higher during winter months and lower in summer months), benzene was nondetect at each surface water sampling location with the exception of SW-02 in March 2021.
- The AS system was operating at approximately 97 percent for the reporting period. Operating flows in the stream aerators and VAS wells were maintained at approximately 93 percent and 70 percent of design flow capacity, respectively.

7. Future Activities

Future activities planned for the Lewis Drive site include the following:

- Ongoing monitoring and reporting will be conducted according to a revised groundwater and surface water monitoring and reporting plan, covering the time period from April 1, 2021, to December 31, 2021, once submitted to and approved by DHEC. Groundwater concentration trends in the monitoring well network will continue to be assessed to improve the monitoring well network, optimize the AS system, identify areas for potential additional remediation, or any combination of the three.
- Dissolved hydrocarbon concentrations in the areas of MW-46, MW-56, and MW-57 (CCPZ) will continue to be monitored to evaluate the effectiveness of the oxidant injections conducted in August 2019. Further delineation downgradient of the CCPZ for dissolved hydrocarbon concentrations is planned, pending access from the landowner to install additional monitoring wells.
- A remedial plan (CAP Addendum) to address dissolved hydrocarbon concentrations in select residuum wells that are not under the direct influence of the AS system will be submitted for DHEC review and approval.



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8. References

CH2M HILL Engineers, Inc. (CH2M-Jacobs). 2018. *Quality Assurance Project Plan, Revision 4. Addendum to the DHEC UST Programmatic Quality Assurance Program Plan for Plantation Pipe Line Company/Site ID No. 18693.* February 9.

Jacobs Engineering Group Inc. (Jacobs). 2020a. *Groundwater and Surface Water Monitoring and Reporting Plan (April 1, 2020 to March 31, 2021). Lewis Drive Remediation Site, Plantation Pipe Line Company, Belton, South Carolina. Site ID Number 18693, "Kinder Morgan Belton Pipeline Release."* April 22.

Jacobs Engineering Group Inc. (Jacobs). 2020b. *Notification of Planned Horizontal Well Sparging Shutdown to Monitor Rebound.* August 24.

Jacobs Engineering Group Inc. (Jacobs). 2020c. *First Trimester 2020 Monitoring Report, Lewis Drive Remediation Site, Plantation Pipe Line Company, Belton, South Carolina. Site ID Number 18693, "Kinder Morgan Belton Pipeline Release."* November 6.

Jacobs Engineering Group Inc. (Jacobs). 2021. *Second Trimester 2020 Monitoring Report, Lewis Drive Remediation Site, Plantation Pipe Line Company, Belton, South Carolina. Site ID Number 18693, "Kinder Morgan Belton Pipeline Release."* February 5.

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South Carolina Department of Health and Environmental Control (DHEC). 2020b. *Monitoring Well Approval Form, Approval #: MW-12274.* January 23.

South Carolina Department of Health and Environmental Control (DHEC). 2020c. *Review of Request to Conduct Shallow Bedrock Zone Air Sparge Test and Notification of Planned Horizontal Well Sparging Shutdown to Monitor Rebound. Lewis Drive Remediation Site, Plantation Pipe Line Company, Belton, South Carolina. Site ID Number 18693, "Kinder Morgan Belton Pipeline Release."* September 28.

South Carolina Department of Health and Environmental Control, Underground Storage Tank Management Division (DHEC UST Management Division). 2016. *Quality Assurance Program Plan for the Underground Storage Tank Management Division.* Title: Programmatic QAPP. Revision Number: 3.1. Revision Date: February 2016. 215 pp.

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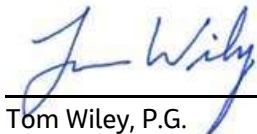
If you have any questions regarding this report or the project in general, please call me at (919) 345-6429, Tom Wiley/Jacobs at (404) 432-6312, or Greg Dempsey/PPL at (770) 751-4143.

Regards

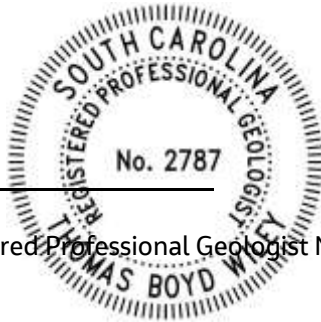


William M. Waldron, P.E.
Program Manager

The material and data presented in this report were prepared consistent with current and generally accepted consulting principles and practices. This work was supervised by the following Jacobs licensed professional.



Tom Wiley, P.G.
South Carolina Registered Professional Geologist No. 2787



June 1, 2021

Date

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Attachments:

Table 1 – Field Observation Log

Table 2 – Groundwater Elevation and Product Thickness Data

Table 3 – Product Skimmer Recovery Results

Table 4A – Analytical Results for Surface Water, First Trimester 2021

Table 4B – Analytical Results for Surface Water, Historical

Table 5A – Analytical Results for Groundwater, First Trimester 2021

Table 5B – Analytical Results for Groundwater, Historical

Figure 1 – Site Overview

Figure 2A – Residuum Groundwater and Surface Water Elevation Map

Figure 2B – Bedrock Groundwater Elevation Map

Figure 3A – Groundwater Analytical Results in Residuum Aquifer, July 2020, November 2020, and March 2021

Figure 3B – Groundwater Analytical Results in Bedrock Aquifer, July 2020, November 2020, and March 2021

Attachment A – Product Thickness Trends

Attachment B – Surface Water Analytical Trends

Attachment C – Groundwater Analytical Trends

Attachment D – Laboratory Analytical Reports

Tables

Table 1. Field Observation Log

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Date	Inspect Cupboard Creek Zone and Wetlands South of Calhoun Road (Any odor, sheen, or distressed vegetation? Describe.)	Inspect Browns Creek Upstream and Downstream of the Culvert Under Lewis Drive (Any odor, sheen, or distressed vegetation? Describe.)	Inspect Hayfield Area (Any odor, sheen, or distressed vegetation? Describe.)	Inspect Shallow Bedrock Zone Area (Any odor, sheen, or distressed vegetation? Describe.)	Inspect Hillside Adjacent to and South of SW-02 (Any odor, sheen, or distressed vegetation? Describe.)	Inspect Hillside Adjacent to and South of SW-04 (Any odor, sheen, or distressed vegetation? Describe.)
4/2/2020	Water flowing from SW-05 to SW-14. Grass continues to grow in post injection areas.	Browns Creek water levels consistent with last event. Beaver dam in culvert. No odors or sheen. Grass growing in post-injection areas.	None observed.	Odors present near MW-11. Flooded areas are starting to dry, but still flooded near VSB-01.	No sheen, odors, or distressed vegetation observed. No observed suspicious debris. Algae abundant.	No sheen, odors, or distressed vegetation observed.
6/4/2020	Water flowing from Cupboard Creek to SW-14. High algae growth at SW-05 and SW-14. Strong water flow is possible due to observation of SW-05 staff gauge starting to be at an angle. Vegetation debris has accumulated along the base of the staff gauge.	Stream color was clayey around SW-01 through SW-09. Fish and tadpoles observed throughout walk. Algae growth observed at SW-13, SW-08, and SW-09.	No observations.	No change.	Algae growth. No major changes to vegetation. No new trash observed.	Algae growth. Area clear of debris. No change to vegetation.
8/6/2020	Dry from lack of rain. No sample collected at SW-05.	Conditions good. Water level still high on the south side of Lewis Drive because of the beaver dam in culvert. Some biological sheen present.	Conditions good.	Conditions good.	Conditions good. Kudzu has taken over the area on the hillside. Biological sheen present near sample location.	Conditions good.
10/20/2020	Dry. No change.	Grass growing in areas that were reclaimed from trench removal.	No observations.	Grass growing around areas disturbed from trench removal.	Slow moving water, no suspicious trash.	No change.
11/12/2020	No distressed vegetation. Creek was dry.	The water south of Lewis Drive is very high. Beaver dam in the culvert is likely the cause. No distressed vegetation on either side of the road. Water levels are a little higher than normal on north side of Lewis Drive. Erosion fence has a small hole near MW-40.	No distressed vegetation. Less standing water than usual - may be a result of horizontal sparge being turned off.	No distressed vegetation.	No distressed vegetation. An ATV path appears to be going around the tree line from the road. Could have been here previously. No damage.	No distressed vegetation. An ATV path appears to be going around the tree line from the road. Could have been here previously. No damage.
12/17/2020	Water flow in Cupboard Creek. No significant changes from last event.	Browns Creek water levels have increased on the south side of Lewis Drive due to beaver activity and dam inside the culvert.	No significant changes from last event.	Grass cover continues to spread along path towards Browns Creek.	No significant changes to the north side of Lewis Drive	No significant changes to the north side of Lewis Drive
1/20/2021	Cupboard Creek flowing toward SW-05. A couple of widow makers noticed near MW-57.	Water level high on south side of Lewis Drive. MW-34 and MW-40 are underwater. Walking bridge near SW-01 under water. Biological sheen present.	Conditions good.	Conditions good.	Conditions good.	Conditions good.
2/24/2021	Water flowing in Cupboard Creek. Grass growth has increased in density.	Increased water levels due to beaver dam in culvert. No observed new trash. Water has almost reached MW-24 and MW-24B.	Not observed	Not observed	Water is slow moving due to culvert blockage from beaver dam. No suspicious trash in the area.	Water is slow moving due to culvert blockage from beaver dam. No suspicious trash in the area.
3/26/2021	Cupboard Creek has flow towards SW-14 with various pooled areas. No changes since last event.	The south side of Browns Creek has been impacted by a beaver dam inside the culvert under Lewis Drive. Water levels have remained high.	No noticeable changes.	Grass growth has started in the area where a dead oak tree was removed.	Water levels are steady. No noticeable new trash. Geese using creek for hunting.	Water levels are steady. No noticeable new trash. Geese using creek for hunting.

Notes:

ID = identification

MW = monitoring well

SW = surface water

Table 2. Groundwater Elevation and Product Thickness Data*Products (SE) Pipe Line Corporation**Lewis Drive Remediation Site, Belton, South Carolina**Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
MW-01	7/6/2020		6.77	0	853.0653	850.2458	846.2953	
	11/10/2020		9.19	0	853.0653	850.2458	843.8753	
	3/23/2021		5.15	0	853.0653	850.2458	847.9153	
MW-01B	7/6/2020		6.16	0	852.9893	850.4548	846.8293	
	11/10/2020		10.46	0	852.9893	850.4548	842.5293	
	3/23/2021		6.36	0	852.9893	850.4548	846.6293	
MW-02	3/23/2021		5.68	0	841.0411	841.2427	835.3611	
MW-02B	3/23/2021		6.65	0	841.19	841.18	834.54	
MW-03	3/23/2021		7.14	0	838.3619	838.3839	831.2219	
MW-04	7/6/2020	6.04	6.05	0.01	844.4195	844.5139	838.3768	
	11/10/2020		13.78	0	844.4195	844.5139	830.6395	
	3/23/2021		8.67	0	844.4195	844.5139	835.7495	
MW-05	3/23/2021		11.36	0	851.1056	851.1484	839.7456	
MW-06	3/23/2021		9.98	0	852.9241	852.9822	842.9441	
MW-06B	7/6/2020		7.5	0	852.57	852.42	845.07	
	11/10/2020		12.5	0	852.57	852.42	840.07	
	3/23/2021		9.9	0	852.57	852.42	842.67	
MW-07	5/5/2020		6.54	0	853.0165	853.0203	846.48	
	7/6/2020		7.31	0	853.0165	853.0203	845.7065	
	9/15/2020		10.42	0	853.0165	853.0203	842.5965	
	11/10/2020		12.12	0	853.0165	853.0203	840.8965	
	1/19/2021		10.47	0	853.0165	853.0203	842.5465	
	3/23/2021		9.05	0	853.0165	853.0203	843.9665	
MW-08	1/19/2021			0	844.7245	844.7546		not measured, broken well casing
	3/23/2021			0	844.7245	844.7546		
MW-09	7/6/2020		3.05	0	843.632	843.721	840.582	
	11/10/2020		15.71	0	843.632	843.721	827.922	
	1/19/2021		7.32	0	843.632	843.721	836.312	
	3/23/2021		4.85	0	843.632	843.721	838.782	pressurized when opened
MW-09B	7/6/2020		5.77	0	843.92	843.71	838.15	
	11/10/2020		16.79	0	843.92	843.71	827.13	
	3/23/2021		7.77	0	843.92	843.71	836.15	
MW-10	3/23/2021		10.7	0	845.4106	842.3339	834.7106	
MW-11	7/6/2020		24.27	0	855.6293	852.3603	831.3593	
	9/15/2020		27.18	0	855.6293	852.3603	828.4493	
	11/10/2020		29.73	0	855.6293	852.3603	825.8993	
	1/19/2021		28.08	0	855.6293	852.3603	827.5493	
	3/23/2021		26.29	0	855.6293	852.3603	829.3393	

Table 2. Groundwater Elevation and Product Thickness Data*Products (SE) Pipe Line Corporation**Lewis Drive Remediation Site, Belton, South Carolina**Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
MW-12	7/6/2020		10.65	0	834.5326	832.2022	823.8826	
	11/10/2020		13.13	0	834.5326	832.2022	821.4026	
	3/23/2021		10.96	0	834.5326	832.2022	823.5726	
MW-12B	5/6/2020		8.64	0	834.9765	832.2594	826.34	
	7/6/2020		13.24	0	834.9765	832.2594	821.7365	
	9/15/2020		13.26	0	834.9765	832.2594	821.7165	
	11/10/2020		13.42	0	834.9765	832.2594	821.5565	
	1/19/2021		12.56	0	834.9765	832.2594	822.4165	
	3/23/2021		11.26	0	834.9765	832.2594	823.7165	
MW-13	7/6/2020		16.9	0	848.8442	845.9266	831.9442	
	9/15/2020		20	0	848.8442	845.9266	828.8442	
	11/10/2020		21.85	0	848.8442	845.9266	826.9942	
	1/19/2021		20.65	0	848.8442	845.9266	828.1942	
	3/23/2021		18.72	0	848.8442	845.9266	830.1242	
MW-13B	5/6/2020		17.14	0	849.8226	847.1858	832.68	
	7/6/2020		17.73	0	849.8226	847.1858	832.0926	
	9/15/2020		20.75	0	849.8226	847.1858	829.0726	
	11/10/2020		23.3	0	849.8226	847.1858	826.5226	
	1/19/2021		21.43	0	849.8226	847.1858	828.3926	
	3/23/2021		19.53	0	849.8226	847.1858	830.2926	
MW-14	7/6/2020		12.89	0	838.703	836.4723	825.813	
	11/10/2020		16.31	0	838.703	836.4723	822.393	
	3/23/2021		13.51	0	838.703	836.4723	825.193	
MW-14B	7/6/2020		13.15	0	840.2004	837.1165	827.0504	
	11/10/2020		17	0	840.2004	837.1165	823.2004	
	3/23/2021		14.93	0	840.2004	837.1165	825.2704	
MW-15	7/6/2020		8.96	0	831.0308	828.6784	822.0708	
	11/10/2020		10.68	0	831.0308	828.6784	820.3508	
	3/23/2021		8.96	0	831.0308	828.6784	822.0708	
MW-15B	5/5/2020		13.26	0	831.2854	828.6578	818.03	
	7/6/2020		13.9	0	831.2854	828.6578	817.3854	
	9/15/2020		15.18	0	831.2854	828.6578	816.1054	
	11/10/2020		14.82	0	831.2854	828.6578	816.4654	
	1/19/2021		14.03	0	831.2854	828.6578	817.2554	
	3/23/2021		13.42	0	831.2854	828.6578	817.8654	
MW-16	1/19/2021		8.79	0	847.665	847.634	838.875	

Table 2. Groundwater Elevation and Product Thickness Data

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
MW-17	7/6/2020		9.24	0	855.3467	855.3206	846.1067	
	11/10/2020		10.88	0	855.3467	855.3206	844.4667	
	3/23/2021		10.65	0	855.3467	855.3206	844.6967	
MW-17B	5/6/2020	8.95	8.98	0.03	855.3697	855.373	846.41	
	7/6/2020	9.9	9.91	0.01	855.3697	855.373	845.467	
	9/15/2020		13	0	855.3697	855.373	842.3697	
	11/10/2020		13.94	0	855.3697	855.373	841.4297	
	1/19/2021		12.8	0	855.3697	855.373	842.5697	
	3/23/2021	11.5	11.51	0.01	855.3697	855.373	843.867	
MW-18	7/6/2020		14.3	0	846.8852	846.8221	832.5852	sparging
	11/10/2020		17.21	0	846.8852	846.8221	829.6752	
	1/19/2021		13.31	0	846.8852	846.8221	833.5752	
	3/23/2021		11.06	0	846.8852	846.8221	835.8252	
MW-19	7/6/2020		8.22	0	853.9354	851.2326	845.7154	
	11/10/2020		9.25	0	853.9354	851.2326	844.6854	
	3/23/2021		8.6	0	853.9354	851.2326	845.3354	
MW-20	7/6/2020		7.88	0	852.8853	853.0717	845.0053	
	9/15/2020		9.79	0	852.8853	853.0717	843.0953	
	11/10/2020		10.15	0	852.8853	853.0717	842.7353	
	1/19/2021		8.4	0	852.8853	853.0717	844.4853	
	3/23/2021		8.53	0	852.8853	853.0717	844.3553	
MW-21	7/6/2020		11.57	0	855.7672	855.6813	844.1972	
	11/10/2020		14.44	0	855.7672	855.6813	841.3272	
	3/23/2021		12.25	0	855.7672	855.6813	843.5172	
MW-22	7/6/2020		7.21	0	854.6018	854.6217	847.3918	
	11/10/2020		9.85	0	854.6018	854.6217	844.7518	
	3/23/2021		5.51	0	854.6018	854.6217	849.0918	
MW-23	5/6/2020		4.00	0	849.569	846.6621	845.57	
	7/6/2020		5.98	0	849.569	846.6621	843.589	
	9/15/2020		8.34	0	849.569	846.6621	841.229	
	11/10/2020		8.27	0	849.569	846.6621	841.299	
	1/19/2021		6.71	0	849.569	846.6621	842.859	slight sheen
	3/23/2021		6.05	0	849.569	846.6621	843.519	
MW-23B	7/6/2020		6.25	0	849.6873	846.8071	843.4373	
	11/10/2020		7.4	0	849.6873	846.8071	842.2873	
	3/23/2021		7.25	0	849.6873	846.8071	842.4373	

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Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
MW-24	7/6/2020		4.4	0	817.9204	815.7205	813.5204	
	11/10/2020		3.48	0	817.9204	815.7205	814.4404	
	3/23/2021		3.23	0	817.9204	815.7205	814.6904	
MW-24B	7/6/2020		4.99	0	818.7153	815.8289	813.7253	
	11/10/2020		4.4	0	818.7153	815.8289	814.3153	
	3/23/2021		2.2	0	818.7153	815.8289	816.5153	
MW-25	7/6/2020		6.57	0	826.1804	823.4635	819.6104	
	11/10/2020		7.44	0	826.1804	823.4635	818.7404	
	3/23/2021		6.23	0	826.1804	823.4635	819.9504	
MW-25B	7/6/2020		2.25	0	823.8056	822.5878	821.5556	
	11/10/2020		3.73	0	823.8056	822.5878	820.0756	
	3/23/2021		3.68	0	823.8056	822.5878	820.1256	
MW-26	7/6/2020		3.08	0	847.5644	844.762	844.4844	
	11/10/2020		4.81	0	847.5644	844.762	842.7544	
	3/23/2021		2.1	0	847.5644	844.762	845.4644	
MW-26B	7/6/2020		4.67	0	847.8085	844.8059	843.1385	
	11/10/2020		8.68	0	847.8085	844.8059	839.1285	
	3/23/2021		4.84	0	847.8085	844.8059	842.9685	
MW-27	7/6/2020		20.43	0	854.1116	854.2167	833.6816	
	11/10/2020		25.49	0	854.1116	854.2167	828.6216	
	3/23/2021		21.57	0	854.1116	854.2167	832.5416	
MW-27B	7/6/2020		24.8	0	857.1394	854.2667	832.3394	
	11/10/2020		27.11	0	857.1394	854.2667	830.0294	
	3/23/2021		27.12	0	857.1394	854.2667	830.0194	
MW-28	7/6/2020		18.93	0	844.3146	841.4919	825.3846	
	11/10/2020		21.86	0	844.3146	841.4919	822.4546	
	3/23/2021		19.13	0	844.3146	841.4919	825.1846	
MW-29	7/6/2020		5.73	0	852.1964	852.0694	846.4664	
	11/10/2020		8.15	0	852.1964	852.0694	844.0464	
	3/23/2021		3.93	0	852.1964	852.0694	848.2664	
MW-30	3/23/2021		12.15	0	841.2823	841.2148	829.1323	
MW-31	3/23/2021		18.12	0	845.0445	842.2599	826.9245	
MW-32	7/6/2020		11.34	0	842.9284	839.8145	831.5884	
	11/10/2020		20.4	0	842.9284	839.8145	822.5284	
	3/23/2021		10.71	0	842.9284	839.8145	832.2184	
MW-33T	7/6/2020		21.63	0	849.1054	846.152	827.4754	
	11/10/2020		27.42	0	849.1054	846.152	821.6854	
	3/23/2021		24.65	0	849.1054	846.152	824.4554	

Table 2. Groundwater Elevation and Product Thickness Data*Products (SE) Pipe Line Corporation**Lewis Drive Remediation Site, Belton, South Carolina**Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
MW-35	7/6/2020		7.74	0	829.404	826.2151	821.664	
	11/10/2020		8.82	0	829.404	826.2151	820.584	
	3/23/2021		7.39	0	829.404	826.2151	822.014	
MW-36	5/6/2020		12.00	0	858.4668	858.6614	846.47	
	7/6/2020		13.12	0	858.4668	858.6614	845.3468	
	9/15/2020		16.16	0	858.4668	858.6614	842.3068	
	11/10/2020		16.92	0	858.4668	858.6614	841.5468	
MW-36B	7/6/2020		12.88	0	858.1513	858.4855	845.2713	
	11/10/2020		16.72	0	858.1513	858.4855	841.4313	
MW-37	5/4/2020		3.13	0	813.92	810.93	810.79	
	7/6/2020		2.99	0	813.92	810.93	810.93	
	9/15/2020		3.05	0	813.92	810.93	810.87	
	11/10/2020		2.98	0	813.92	810.93	810.94	
	1/19/2021		2.96	0	813.92	810.93	810.96	
	3/23/2021		2.9	0	813.92	810.93	811.02	
MW-38	5/4/2020		0.95	0	813.28	810.49	812.33	
	7/6/2020		1.11	0	813.28	810.49	812.17	
	9/15/2020		1.3	0	813.28	810.49	811.98	
	11/10/2020		1.1	0	813.28	810.49	812.18	
	1/19/2021		0.98	0	813.28	810.49	812.3	
	3/23/2021		0.6	0	813.28	810.49	812.68	
MW-38B	5/4/2020		3.51	0	815.87	813.23	812.36	
	7/6/2020		3.32	0	815.87	813.23	812.55	
	9/15/2020		3.57	0	815.87	813.23	812.3	
	11/10/2020		3.32	0	815.87	813.23	812.55	
	1/19/2021		3.11	0	815.87	813.23	812.76	
	3/23/2021		2.79	0	815.87	813.23	813.08	
MW-39	7/6/2020		4.19	0	819.9	816.92	815.71	
	9/15/2020		4.62	0	819.9	816.92	815.28	
	11/10/2020		4.08	0	819.9	816.92	815.82	
	1/19/2021		3.7	0	819.9	816.92	816.2	
	3/23/2021		3.15	0	819.9	816.92	816.75	
MW-40	7/6/2020		1.9	0	817.79	814.75	815.89	
	9/15/2020		2.28	0	817.79	814.75	815.51	
	11/10/2020		1.75	0	817.79	814.75	816.04	
	1/19/2021		1.21	0	817.79	814.75	816.58	
	3/23/2021		0.76	0	817.79	814.75	817.03	

Table 2. Groundwater Elevation and Product Thickness Data*Products (SE) Pipe Line Corporation**Lewis Drive Remediation Site, Belton, South Carolina**Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
MW-41	7/6/2020		3.73	0	819.68	816.67	815.95	
	9/15/2020		4.12	0	819.68	816.67	815.56	
	11/10/2020		3.68	0	819.68	816.67	816	
	1/19/2021		3.2	0	819.68	816.67	816.48	
	3/23/2021		3.4	0	819.68	816.67	816.28	
MW-42	7/6/2020		4.38	0	820.33	817.31	815.95	
	11/10/2020		4.42	0	820.33	817.31	815.91	
	3/23/2021		3.63	0	820.33	817.31	816.7	
MW-43	3/23/2021		2.25	0	818.12	815.92	815.87	
MW-43B	3/23/2021		2.21	0	818.8	816.08	816.59	
MW-44	3/23/2021		4.27	0	853.665	853.824	849.395	
MW-44B	3/23/2021		10.42	0	853.375	853.656	842.955	
MW-45	5/5/2020		7.53	0	852.47	852.393	844.94	
	7/6/2020		9.22	0	852.47	852.393	843.25	
	9/15/2020		11.83	0	852.47	852.393	840.64	
	11/10/2020		12.06	0	852.47	852.393	840.41	
	1/19/2021		10.7	0	852.47	852.393	841.77	
	3/23/2021		9.89	0	852.47	852.393	842.58	
MW-45B	7/6/2020		9.95	0	852.846	852.687	842.896	
	11/10/2020		12.48	0	852.846	852.687	840.366	
	3/23/2021		11.64	0	852.846	852.687	841.206	
MW-46	5/5/2020		3.85	0	845.47	842.43	841.62	
	7/6/2020		5.5	0	845.47	842.43	839.97	
	11/10/2020		7.32	0	845.47	842.43	838.15	
	3/23/2021		5.31	0	845.47	842.43	840.16	
MW-47	7/6/2020		13.11	0	842.98	839.89	829.87	
	11/10/2020		18.9	0	842.98	839.89	824.08	
	3/23/2021		15.45	0	842.98	839.89	827.53	
MW-48B	7/6/2020		15.6	0	832.34	829.53	816.74	
	11/10/2020		17.32	0	832.34	829.53	815.02	
	3/23/2021		15.88	0	832.34	829.53	816.46	
MW-49	3/23/2021		14.33	0	846.78	843.65	832.45	
MW-50B	5/6/2020		15.68	0	850.34	847.11	834.66	
	7/6/2020		17.53	0	850.34	847.11	832.81	
	9/15/2020		20.76	0	850.34	847.11	829.58	
	11/10/2020		23.74	0	850.34	847.11	826.6	
	1/19/2021		21.12	0	850.34	847.11	829.22	
	3/23/2021		19.12	0	850.34	847.11	831.22	

Table 2. Groundwater Elevation and Product Thickness Data*Products (SE) Pipe Line Corporation**Lewis Drive Remediation Site, Belton, South Carolina**Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
MW-51	7/6/2020		17.82	0	831.92	828.77	814.1	
	11/10/2020		17.99	0	831.92	828.77	813.93	
	3/23/2021		16.45	0	831.92	828.77	815.47	
MW-52	7/6/2020		18.89	0	830.09	826.72	811.2	
	11/10/2020		16.42	0	830.09	826.72	813.67	
	3/23/2021		15.5	0	830.09	826.72	814.59	
MW-53	7/6/2020		7.71	0	837.37	837.24	829.66	
	11/10/2020		11.83	0	837.37	837.24	825.54	
	3/23/2021		8.94	0	837.37	837.24	828.43	
MW-54	7/6/2020		9.29	0	840.79	840.83	831.5	
	11/10/2020		14.86	0	840.79	840.83	825.93	
	3/23/2021		11.66	0	840.79	840.83	829.13	
MW-55	7/6/2020		14.98	0	859.71	859.84	844.73	
	11/10/2020		18.61	0	859.71	859.84	841.1	
MW-56	5/4/2020		3.33	0	843.94	840.71	840.61	
	7/6/2020		4.79	0	843.94	840.71	839.15	
	9/15/2020		6.53	0	843.94	840.71	837.41	
	11/10/2020		6.27	0	843.94	840.71	837.27	
	1/19/2021		4.89	0	843.94	840.71	839.05	
	3/23/2021		4.45	0	843.94	840.71	839.49	
MW-57	5/4/2020		4.74	0	845.63	842.5	840.89	
	7/6/2020		6.12	0	845.63	842.5	839.51	
	9/15/2020		8.1	0	845.63	842.5	837.53	
	11/10/2020		7.87	0	845.63	842.5	837.76	
	1/19/2021		6.62	0	845.63	842.5	839.01	
	3/23/2021		6.31	0	845.63	842.5	839.32	
MW-60	5/4/2020		3.56	0	844.88	841.95	841.32	
	7/6/2020		4.89	0	844.88	841.95	839.99	
	9/15/2020		7	0	844.88	841.95	837.88	
	11/10/2020		6.62	0	844.88	841.95	838.26	
	1/19/2021		4.81	0	844.88	841.95	840.07	
	3/23/2021		4.37	0	844.88	841.95	840.51	
RS-01	7/6/2020		5.91	0	849.13	847.9473	843.22	
	11/10/2020	14.58	14.59	0.01	849.13	847.9473	834.5473	
	1/19/2021		9.98	0	849.13	847.9473	839.15	
	3/23/2021	7.89	7.9	0.01	849.13	847.9473	841.2373	

Table 2. Groundwater Elevation and Product Thickness Data

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
RS-02	7/6/2020		5.22	0	849.52	848.5405	844.3	
	11/10/2020		12.61	0	849.52	848.5405	836.91	
	3/23/2021		6.26	0	849.52	848.5405	843.26	
RS-04	7/6/2020		6.2	0	851.47	850.3582	845.27	
	11/10/2020		9.7	0	851.47	850.3582	841.77	
	3/23/2021		6.85	0	851.47	850.3582	844.62	
RS-05	7/6/2020	5.52	5.54	0.02	848.31	847.1385	842.7846	
	11/10/2020		14.29	0	848.31	847.1385	834.02	
	3/23/2021	7.55	7.59	0.04	848.31	847.1385	840.7492	
RS-06	7/6/2020		5.75	0	849.47	848.2458	843.72	
	11/10/2020		13.6	0	849.47	848.2458	835.87	
	3/23/2021		7.65	0	849.47	848.2458	841.82	
RS-07	7/6/2020		9.1	0	855.083	854.0618	845.983	
	11/10/2020		11.78	0	855.083	854.0618	843.303	
	3/23/2021		8.6	0	855.083	854.0618	846.483	well casing previously damaged
RS-08	7/6/2020		9.4	0	854.24	852.65	844.84	
	11/10/2020		12.33	0	854.24	852.65	841.91	
	3/23/2021		7.71	0	854.24	852.65	846.53	
RS-09	7/6/2020		5.58	0	847.6	846.7547	842.02	
	11/10/2020			0	847.6	846.7547		DRY
	3/23/2021		8.83	0	847.6	846.7547	838.77	
RS-10	7/6/2020		4.49	0	847.42	846.2808	842.93	
	11/10/2020		13.68	0	847.42	846.2808	833.74	
	3/23/2021		6.9	0	847.42	846.2808	840.52	
RS-11	7/6/2020		4	0	847.44	846.3456	837.81	sparging
	11/10/2020		12.05	0	847.44	846.3456	835.39	
	1/19/2021		8.8	0	847.44	846.3456	838.64	
	3/23/2021		6.16	0	847.44	846.3456	841.28	
RS-12	7/6/2020		4.29	0	847.74	846.5831	838.19	
	11/10/2020		12.37	0	847.74	846.5831	835.37	
	3/23/2021		6.5	0	847.74	846.5831	841.24	
RS-13	7/6/2020		3.68	0	845.98	845.39	842.3	
	11/10/2020			0	845.98	845.39		DRY
	3/23/2021		7.94	0	845.98	845.39	838.04	
RS-14	11/10/2020			0	845.97	844.664		DRY
	3/23/2021			0	845.97	844.664		not measured

Table 2. Groundwater Elevation and Product Thickness Data*Products (SE) Pipe Line Corporation**Lewis Drive Remediation Site, Belton, South Carolina**Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
RS-15	7/6/2020		3.75	0	846.41	845.3563	842.66	
	11/10/2020		11.49	0	846.77	845.26	835.28	
	3/23/2021		8.29	0	846.77	845.26	838.48	
RS-16	7/6/2020		3.77	0	845.44	844.5564	841.67	
	11/10/2020		16.45	0	845.44	844.5564	828.99	
	3/23/2021		5.72	0	845.44	844.5564	839.72	
RS-17	11/10/2020			0	844.22	843.2901		DRY
	3/23/2021		4.21	0	844.22	843.2901	840.01	
RS-18	7/6/2020		5.95	0	847.89	846.8236	841.94	
	11/10/2020		15.48	0	847.89	846.8236	832.41	
	3/23/2021		8.52	0	847.89	846.8236	839.37	
RS-20	7/6/2020		4.4	0	842.69	841.7277	838.29	
	11/10/2020			0	842.69	841.7277		DRY
	3/23/2021		6.75	0	842.69	841.7277	835.94	
RT-1A	7/6/2020		9.59	0	854.06	852.863	844.47	
	11/10/2020		12.1	0	854.06	852.863	841.96	
	3/23/2021		9.4	0	854.06	852.863	844.66	
RT-1B	7/6/2020	8.95	8.99	0.04	854.15	853.2903	845.1892	
	11/10/2020		11.51	0	854.15	853.2903	842.64	
	3/23/2021		8.8	0	854.15	853.2903	845.35	
RT-1C	7/6/2020		8.99	0	854.55	853.5465	845.56	
	11/10/2020		11.52	0	854.55	853.5465	843.03	
	3/23/2021		8.82	0	854.55	853.5465	845.73	
RW-01	7/6/2020		10.91	0	851.9241	849.4864	841.0141	
	11/10/2020		14.1	0	851.9241	849.4864	837.8241	
	3/23/2021		10.67	0	851.9241	849.4864	841.2541	
RW-02	7/6/2020	19.25	19.3	0.05	852.6891	850.217	833.4256	
	11/10/2020	24	24.15	0.15	852.6891	850.217	828.6486	
	1/19/2021		21.41	0	852.6891	850.217	831.2791	
	3/23/2021	19.99	20.02	0.03	852.6891	850.217	832.691	
RW-03	7/6/2020	18.73	18.76	0.03	852.3388	850.0252	833.6007	
	11/10/2020	24.39	24.56	0.17	852.3388	850.0252	827.9029	
	1/19/2021	22.03	22.05	0.02	852.3388	850.0252	830.3034	
	3/23/2021	20.6	20.61	0.01	852.3388	850.0252	831.7361	
RW-04	7/6/2020	24.45	24.46	0.01	853.9321	852.1503	829.4794	
	1/19/2021		28.49	0	853.9321	852.1503	825.4421	
	3/23/2021	26	26.02	0.02	853.9321	852.1503	827.9267	

Table 2. Groundwater Elevation and Product Thickness Data

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
RW-05	7/6/2020		28.02	0	853.5334	850.9948	825.5134	
	11/10/2020			0	853.5334	850.9948		DRY
	1/19/2021	31	31.01	0.01	853.5334	850.9948	822.5307	
	3/23/2021	29.3	29.32	0.02	853.5334	850.9948	824.228	
RW-06	7/6/2020		22.18	0	846.2084	844.2137	824.0284	
	11/10/2020		25.12	0	846.2084	844.2137	821.0884	
	3/23/2021		23.15	0	846.2084	844.2137	823.0584	light sheen
RW-07	7/6/2020	20.17	20.18	0.01	843.1919	841.0149	823.0192	
	11/10/2020		22.12	0	843.1919	841.0149	821.0719	
	3/23/2021	19.94	19.99	0.05	843.1919	841.0149	823.2384	
RW-08	7/6/2020		12.74	0	835.478	833.4564	822.738	
	11/10/2020		14.96	0	835.478	833.4564	820.518	
	3/23/2021		13.24	0	835.478	833.4564	822.238	
RW-09	7/6/2020		10.6	0	835.1231	831.1326	824.5231	
	11/10/2020		12.5	0	835.1231	831.1326	822.6231	
	3/23/2021		11.57	0	835.1231	831.1326	823.5531	
RW-10	7/6/2020		7.42	0	848.5325	846.7642	841.1125	
	11/10/2020	16.21	16.23	0.02	848.5325	846.7642	832.3171	
	3/23/2021	9.75	9.76	0.01	848.5325	846.7642	838.7798	
RW-11	7/6/2020		9.63	0	852.9675	851.0263	843.3375	well pressurized
	11/10/2020		10.15	0	852.9675	851.0263	842.8175	sparging
	3/23/2021		6.35	0	852.9675	851.0263	846.6175	affected by sparging system
RW-12	7/6/2020		9.55	0	854.4858	851.6398	843.4175	well pressurized & bubbling
	11/10/2020		12.9	0	854.4858	851.6398	841.5858	sparging, cap very pressurized
	3/23/2021			0	854.4858	851.6398		under too much pressure to open
RW-14	7/6/2020		3.74	0	827.5403	826.2492	823.8003	
	11/10/2020		9.05	0	827.5403	826.2492	818.4903	
	3/23/2021		8.31	0	827.5403	826.2492	819.2303	
RW-15	7/6/2020		8.81	0	851.6374	849.476	842.8274	
	11/10/2020		14.36	0	851.6374	849.476	837.2774	
	3/23/2021		10.26	0	851.6374	849.476	841.3774	
SW-01	7/6/2020		-0.91	0		812.82	813.73	
	11/11/2020		-2.05	0		812.82	814.87	
	2/24/2021		-3.1	0		812.82	815.92	
	3/23/2021		-3.2	0		812.82	816.02	

Table 2. Groundwater Elevation and Product Thickness Data

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
SW-02	7/6/2020		-1.9	0		808.65	810.55	
	11/11/2020		-2	0		808.65	810.65	
	12/17/2020		-1.98	0		808.65	810.63	
	1/20/2021		-2	0		808.65	810.65	
	2/24/2021		-2	0		808.65	810.65	
	3/23/2021		-2.02	0		808.65	810.67	
SW-03	11/11/2020			0		815.09		not measured, no flowing water
SW-05	7/6/2020			0		838.75	838.75	
	11/11/2020			0		838.75		DRY
	12/17/2020		-0.37	0		838.75	839.12	
	1/20/2021		-0.4	0		838.75	839.15	
	3/23/2021		-0.42	0		838.75	839.17	
SW-08	7/6/2020		-0.8	0		802.04	802.84	
	11/11/2020		-1	0		802.04	803.04	
	12/17/2020		-0.93	0		802.04	802.97	
	1/20/2021		-0.96	0		802.04	803	
	2/24/2021		-0.95	0		802.04	802.99	
	3/23/2021		-1.02	0		802.04	803.06	
SW-10	7/6/2020		-0.3	0		778.09	778.39	
	11/11/2020		-0.56	0		778.09	778.65	
	12/17/2020		-0.58	0		778.09	778.67	
	1/20/2021		-0.4	0		778.09	778.49	
	2/24/2021		-0.42	0		778.09	778.51	
	3/23/2021		-0.42	0		778.09	778.51	

Notes:

ft = foot/feet

ft amsl = foot/feet above mean sea level

ft BTOC = foot/feet below top of casing

ID = identification

Table 3. Product Skimmer Recovery Results

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Well ID	Month 19 Volume Recovered (gal)	Month 20 Volume Recovered (gal)	Month 21 Volume Recovered (gal)	Total Recovered to Date (gal)	Note
Date	7/6/2020	11/10/2020	3/23/2021		
Product Skimmers					
MW-08	-	-	-	-	Removed skimmer from MW-08 -- 6/7/18
MW-15	-	-	-	-	Removed skimmer from MW-15 -- 6/7/18
MW-20	-	-	-	-	Removed skimmer from MW-20 -- 6/7/18
RS-01	-	-	-	-	Difficulty inserting 4-liter product skimmer, replaced with 1-liter product skimmer
RS-02	-	-	-	-	
RS-05	-	-	-	-	
RS-10	-	-	-	-	
RS-14	-	-	-	-	
RS-17	-	-	-	-	
RW-02	0.001	-	-	0.001	
RW-03	-	-	0.016	0.016	
RW-04	-	-	-	-	
RW-05	-	-	-	-	
RW-07	-	-	-	-	
RW-08	-	-	-	-	Removed skimmer from RW-08
RW-15	-	-	-	-	
RW-10	-	-	-	-	
Petroleum-Absorbent Socks					
MW-11	-	-	-	-	Removed sock from MW-11 -- 6/7/18
RS-08	-	-	-	-	Difficulty inserting product skimmer, replaced with sock
RT-2K	-	-	-	-	Location removed during trench removal in Sept 2020
RT-1A	-	-	-	-	Difficulty inserting product skimmer, replaced with sock
RT-1B	-	-	-	-	Difficulty inserting product skimmer, replaced with sock
RT-1C	-	-	-	-	Difficulty inserting product skimmer, replaced with sock
Total:	0.001	-	0.016	0.017	

Notes:

- = no product recovered
- gal = gallons
- ID = identification
- MW = monitoring well
- RS = recovery sump
- RT = recovery trench
- RW = recovery well

Table 4A. Analytical Results for Surface Water, First Trimester 2021

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE							
			Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA	b
SW-01	--	12/17/2020	--	Water level too high.													
	--	1/20/2021	--	Water level too high.													
	--	2/24/2021	--	Water level too high.													
	--	3/24/2021	--	Water level too high.													
SW-02	SW02-121720	12/17/2020	µg/L	16.1		1	U	1	U	2	U	2.81		5	U	1.75	
	SW02-012021	1/20/2021	µg/L	18.2		1	U	1	U	2	U	3.13		5	U	2.22	
	SW02-022421	2/24/2021	µg/L	13.9		1	U	1	U	2	U	2.18		5	U	1.29	
	SW02-032421	3/24/2021	µg/L	40.7		1	U	1	U	2.10		5.93		5	U	2.68	
SW-03	SW03-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-04	SW04-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW04-012021	1/20/2021	µg/L	8.39		1	U	1	U	2	U	1.72		5	U	1.78	
	SW04-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW04-032421	3/24/2021	µg/L	1.74		1	U	1	U	2	U	1	U	5	U	1.16	
SW-05	SW05-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-07	SW07-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	2/24/2021	--	Water level too high.													
	SW07-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-08	SW08-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.24	
	SW08-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-09	SW09-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.03	
	SW09-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-10	SW10-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U

Table 4A. Analytical Results for Surface Water, First Trimester 2021

Products (SE) Pipe Line Corporation
 Lewis Drive Remediation Site, Belton, South Carolina
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
			Screening Value (µg/L):	2.2	^a	530	^a	1,000	^a	NA	^b	NA	^b	NA	^b	NA	^b
SW-11	SW11-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-12	SW12-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	1/20/2021	--	Water level too high.													
	--	2/24/2021	--	Water level too high.													
	--	3/24/2021	--	Water level too high.													
SW-13	SW13-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.55	
	SW13-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.26	
	SW13-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	3.51	
	SW13-032421	3/24/2021	µg/L	1.35		1	U	1	U	2	U	1	U	5	U	6.84	
SW-14	--	12/17/2020	--	No property access.													
	--	1/20/2021	--	No property access.													
	--	2/24/2021	--	No property access.													
	--	3/24/2021	--	No property access.													

Notes:

^a South Carolina Department of Health and Environmental Control (DHEC) R.61-68, Water Classifications and Standards, Human Health for Consumption of Water and Organism, June 27, 2014.

^b Screening levels for these analytes are not specified in DHEC R. 61-68.

Samples analyzed by U.S. Environmental Protection Agency Method SW 8260D.

Bold indicates the analyte was detected above the method detection limit.

Gray shading indicates the analyte exceeded its screening value.

µg/L = microgram(s) per liter

ID = identification

MTBE = methyl tertiary butyl ether

NA = not applicable

SW = surface water

U = analyte was not detected above the reported sample quantitation limit

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
			Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA	b
SW-RELEASE	SW-RELEASE	1/20/2015	µg/L	330		490		2,400		2,100		940		140		5.7	J
SW-01	SW01-121114	12/11/2014	µg/L	0.5	U	1	U	1	U	2	U	1	U	1	U	1	U
	SW01-022515	2/25/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW01-030215	3/2/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW01-031115	3/11/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW01-031815	3/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW01-033115	3/31/2015	µg/L	5	U ^c	5	U	17.6		10	U	5	U	5	U	NA	
	SW01-042215	4/22/2015	µg/L	5	U ^c	5	U	14.9		10	U	5	U	5	U	NA	
	SW01-050715	5/7/2015	µg/L	5	U ^c	5	U	7.0		10	U	5	U	5	U	NA	
	SW01-051915	5/19/2015	µg/L	5	U ^c	5	U	8.8		10.6		6.4		5	U	NA	
	SW01-060315	6/3/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW01-061815	6/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW01-071515	7/15/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW01-081315	8/13/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW01-092415	9/24/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW01-102215	10/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW01-112415	11/24/2015	µg/L	7.8		1.5		13.0		9.3		4.6		1	U	NA	
	SW01-122215	12/22/2015	µg/L	4.6		1	U	8.8		5.5		3.1		1	U	NA	
	SW01-012516	1/25/2016	µg/L	17.6		2.3		36.0		11.3		6.3		1	U	NA	
	SW01-021816	2/18/2016	µg/L	23.4		3.0		55.6		15.0		9.1		1	U	NA	
	SW01-031616	3/16/2016	µg/L	20.1		2.4		42.3		13.3		7.6		1	U	NA	
	SW01-042716	4/27/2016	µg/L	20.8		1	U	30.6		2.9		2.0		1	U	NA	
	SW01-050916	5/9/2016	µg/L	16.5		1.4		16.3		7.0		4.8		1	U	NA	
	SW01-062716	6/27/2016	µg/L	9		1	U	3.3		2	U	1	U	1	U	NA	
	SW01-072816	7/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW01-081916	8/19/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW01-092916	9/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW01-103116	10/31/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW01-112816	11/28/2016	µg/L	5.0		1	U	10.4		4.9		8.3		1	U	NA	
	SW01-122916	12/29/2016	µg/L	12.6		1	U	22.1		11.2		13.5		1	U	NA	
	SW01-012017	1/20/2017	µg/L	1.0		1	U	2.3		2	U	3.5		1	U	NA	
	SW01-022817	2/28/2017	µg/L	18.5		1.93		37.0		13.8		10.2		5	U	NA	
	SW01-031517	3/15/2017	µg/L	3.02		1	U	5.13		2.16		1.74		5	U	NA	
	SW01-032117	3/21/2017	µg/L	1	U	1	U	1.57		2	U	1	U	5	U	NA	
	SW01-033017	3/30/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW01-040517	4/5/2017	µg/L	1	U	1	U	2.25		2	U	1	U	5	U	NA	
	SW01-050417	5/4/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW01-061317	6/13/2017	µg/L	1	U	1	U	1.90		2	U	1	U	5	U	NA	

Table 4B. Analytical Results for Surface Water, Historical

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
			Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA	b
SW-01	SW01-071817	7/18/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW01-080217	8/2/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW01-090517	9/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW01-120517	12/5/2017	µg/L	1.5		1	U	1.15		2	U	2.14		5	U	NA	
	SW01-121417	12/14/2017	µg/L	4.52		1	U	4.52		3.48		3.2		5	U	NA	
	SW01-010918	1/9/2018	µg/L	1	U	1	U	1	U	2	U	1.15		5	U	NA	
	SW01-020618	2/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW01-030918	3/9/2018	µg/L	1.15		1	U	1	U	2	U	1	U	5	U	1	U
	SW01-040618	4/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.1	
	SW01-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW01-060718	6/7/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.43	
	SW01-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.09	
	SW01-091418	9/14/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.51	
	SW01-120418	12/4/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW01-021919	2/19/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	3/7/2019	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW01-051519	5/15/2019	µg/L	2.39		1	U	1	U	2	U	1	U	5	U	1.56	
	SW01-060619	6/6/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.93	
	SW01-071819	7/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.30	
	SW01-082019	8/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.31	
	SW01-091819	9/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW01-102219	10/22/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.71	
	SW01-110519	11/5/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.09	
	SW01-122019	12/20/2019	µg/L	1.25		1	U	1	U	2	U	1	U	5	U	1	U
	SW01-010820	1/8/2020	µg/L	1.49		1	U	1	U	2	U	1	U	5	U	1	U
	--	2/10/2020	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW01-031220	3/12/2020	µg/L	7.99		1	U	2.04		2	U	1.19		5	U	1.12	
	SW01-040220	4/2/2020	µg/L	6.75		1	U	3.20		2.32		1.69		5	U	1	U
	SW01-050420	5/4/2020	µg/L	1.13		1	U	1	U	2	U	1	U	5	U	1	U
	SW01-060420	6/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW01-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW01-080620	8/6/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW01-091520	9/15/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW01-102020	10/20/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW01-111120	11/11/2020	µg/L	1	U	1	U	3.71		2	U	1	U	5	U	1	U

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
			Screening Value (µg/L):	2.2	^a	530	^a	1,000	^a	NA	^b	NA	^b	NA	^b	NA	^b
SW-01	--	12/17/2020	--	Water level too high.													
	--	1/20/2021	--	Water level too high.													
	--	2/24/2021	--	Water level too high.													
	--	3/24/2021	--	Water level too high.													
SW-02	SW02-121114	12/11/2014	µg/L	0.5	U	1	U	1	U	2	U	1	U	1	U	1	U
	SW02-022515	2/25/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW02-030215	3/2/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW02-031115	3/11/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW02-031815	3/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW02-033115	3/31/2015	µg/L	5	U ^c	5	U	6.0		10	U	5	U	5	U	NA	
	SW02-042215	4/22/2015	µg/L	5	U ^c	5	U	13.0		10	U	5	U	5	U	NA	
	SW02-050715	5/7/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW02-051915	5/19/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW02-060315	6/3/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW02-061815	6/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW02-071515	7/15/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW02-081315	8/13/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW02-092415	9/24/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW02-102215	10/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW02-112415	11/24/2015	µg/L	6		1.3		10.0		7.8		4.0		1	U	NA	
	SW02-122215	12/22/2015	µg/L	4.1		1	U	7.6		5.1		3.1		1	U	NA	
	SW02-012516	1/25/2016	µg/L	12		1.5		25.0		8.4		4.6		1	U	NA	
	SW02-021816	2/18/2016	µg/L	15.5		1.8		35.3		10.1		5.9		1	U	NA	
	SW02-031616	3/16/2016	µg/L	8		1.0		17.5		5.8		3.9		1	U	NA	
	SW02-042716	4/27/2016	µg/L	5.6		1	U	7.1		2	U	1	U	1	U	NA	
	SW02-050916	5/9/2016	µg/L	7.1		1	U	4.5		2.2		1.6		1	U	NA	
	SW02-062716	6/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW02-072816	7/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW02-081916	8/19/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW02-092916	9/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW02-103116	10/31/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW02-112816	11/28/2016	µg/L	5.4		1	U	1.6		2.6		4.8		1	U	NA	
	SW02-122916	12/29/2016	µg/L	1	U	1	U	1	U	2	U	1.4		1	U	NA	
	SW02-012017	1/20/2017	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW02-022817	2/28/2017	µg/L	10.7		1	U	11.0		4.14		4.23		5	U	NA	
	SW02-031517	3/15/2017	µg/L	11.4		1	U	8.6		4.45		3.6		5	U	NA	
	SW02-032117	3/21/2017	µg/L	8.42		1	U	2.45		2.48		2.68		5	U	NA	
	SW02-033017	3/30/2017	µg/L	2.18		1	U	1	U	2	U	1	U	5	U	NA	

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE							
			Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA	b
SW-02	SW02-040517	4/5/2017	µg/L	2.87		1	U	1.12		2	U	1.14		5	U	NA	
	SW02-050417	5/4/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW02-061317	6/13/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW02-071817	7/18/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW02-080217	8/2/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW02-090517	9/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW02-120517	12/5/2017	µg/L	26.6		1.8		8.39		10.2		7.17		5	U	NA	
	SW02-121417	12/14/2017	µg/L	21.1		1.53		9.4		9.74		7.32		5	U	NA	
	SW02-010918	1/9/2018	µg/L	25.0		1.56		12.4		11		8.24		5	U	NA	
	SW02-020618	2/6/2018	µg/L	6.69		1	U	2.65		2.75		1.87		5	U	1	U
	SW02-030918	3/9/2018	µg/L	3.19		1	U	1.39		2	U	1.11		5	U	1	U
	SW02-040618	4/6/2018	µg/L	2.23		1	U	1	U	2	U	1	U	5	U	2.13	
	SW02-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.25	
	SW02-060718	6/7/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.92	
	SW02-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.15	
	SW02-091418	9/14/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.94	
	SW02-120418	12/4/2018	µg/L	11.9		1	U	1.32		4.40		3.75		5	U	2.23	
	SW02-021919	2/19/2019	µg/L	19.7		1	U	2.67		4.60		4.44		5	U	2.12	
	SW02-030719	3/7/2019	µg/L	22.3		1	U	3.58		4.71		4.32		5	U	2.46	
	SW02-040919	4/9/2019	µg/L	2.8		1	U	1	U	2	U	1	U	5	U	1	U
	SW02-051519	5/15/2019	µg/L	3.47		1	U	1	U	2	U	1	U	5	U	2.36	
	SW02-060419	6/4/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.02	
	SW02-071819	7/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.11	
	SW02-082019	8/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.35	
	SW02-091819	9/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.96	
	SW02-102219	10/22/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.51	
	SW02-110519	11/5/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	4.70	
	SW02-122019	12/20/2019	µg/L	9.47		1	U	1	U	2	U	2.23		5	U	2.68	
	SW02-010820	1/8/2020	µg/L	7.25		1	U	1	U	2	U	1	U	5	U	1.89	
	SW02-021020	2/10/2020	µg/L	23.7		1	U	1.92		4.60		3.03		5	U	1.37	
	SW02-031220	3/12/2020	µg/L	7.71		1	U	1.30		2	U	1.38		5	U	2.32	
	SW02-040220	4/2/2020	µg/L	3.01		1	U	1	U	2	U	1	U	5	U	1.31	
	SW02-050420	5/4/2020	µg/L	4.35		1	U	1	U	2	U	1	U	5	U	1.49	
	SW02-060420	6/4/2020	µg/L	6.49		1	U	1	U	2	U	1.55		5	U	2.22	
	SW02-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.53	
	SW02-080620	8/6/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.68	
	SW02-091520	9/15/2020	µg/L	1.22		1	U	1	U	2	U	1	U	5	U	2.19	
	SW02-102020	10/20/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	3.08	

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE							
			Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA	b
SW-02	SW02-111120	11/11/2020	µg/L	20.2		1	U	1.66		2.67		6.99		5	U	5.10	
	SW02-121720	12/17/2020	µg/L	16.1		1	U	1	U	2	U	2.81		5	U	1.75	
	SW02-012021	1/20/2021	µg/L	18.2		1	U	1	U	2	U	3.13		5	U	2.22	
	SW02-022421	2/24/2021	µg/L	13.9		1	U	1	U	2	U	2.18		5	U	1.29	
	SW02-032421	3/24/2021	µg/L	40.7		1	U	1	U	2.10		5.93		5	U	2.68	
SW-03	SW-UPGRADIENT	1/20/2015	µg/L	0.5	U	1	U	0.23 J		2	U	1	U	1	U	1	U
	SW03-022515	2/25/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW03-030215	3/2/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW03-031115	3/11/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW03-031815	3/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW03-033115	3/31/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW03-042215	4/22/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW03-050715	5/7/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW03-051915	5/19/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW03-060315	6/3/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW03-061815	6/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW03-071515	7/15/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW03-081315	8/13/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	--	9/24/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW03-102215	10/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-112415	11/24/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-122215	12/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-012516	1/25/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-021816	2/18/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-031616	3/16/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-042716	4/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-050916	5/9/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-062716	6/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-072816	7/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	--	8/19/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW03-092916	9/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-103116	10/31/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-112816	11/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-122916	12/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-012017	1/20/2017	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW03-022817	2/28/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW03-031517	3/15/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW03-032117	3/21/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
			Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA	b
SW-03	SW03-033017	3/30/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW03-040517	4/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW03-050417	5/4/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW03-061317	6/13/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW03-071817	7/18/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW03-080217	8/2/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW03-090517	9/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW03-120517	12/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW03-121417	12/14/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	--	1/9/2018	--	NS-HS		NS-HS		NS-HS		NS-HS		NS-HS		NS-HS		NS-HS	
	SW03-020618	2/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-030918	3/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-040618	4/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-060718	6/7/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-091418	9/14/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-120418	12/4/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	3/7/2019	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW03-051519	5/15/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	6/4/2019	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW03-071819	7/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-082019	8/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	9/18/2019	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW03-102219	10/22/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-110519	11/5/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-122019	12/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-010820	1/8/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-021020	2/10/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-031220	3/12/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-040220	4/2/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-050420	5/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	6/4/2020	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW03-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-080620	8/6/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	9/15/2020	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW03-102020	10/20/2020	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW03-111120	11/11/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
			Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA	b
SW-03	SW03-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW03-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-04	SW-DOWNGRADIANT	1/20/2015	µg/L	95		27		310		110		63		94		2.7	
	SW04-022515	2/25/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW04-030215	3/2/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW04-031115	3/11/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW04-031815	3/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW04-033115	3/31/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW04-042215	4/22/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW04-050715	5/7/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW04-051915	5/19/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW04-060315	6/3/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW04-061815	6/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW04-071515	7/15/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW04-081315	8/13/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW04-092415	9/24/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW04-102215	10/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW04-112415	11/24/2015	µg/L	1.7		1	U	2.7		2.9		1.6		1	U	NA	
	SW04-122215	12/22/2015	µg/L	3.3		1	U	7.3		5.2		2.7		1	U	NA	
	SW04-012516	1/25/2016	µg/L	6.9		1	U	14.0		4.9		2.8		1	U	NA	
	SW04-021816	2/18/2016	µg/L	10.9		1.1		25.4		7.0		4.3		1	U	NA	
	SW04-031616	3/16/2016	µg/L	1	U	1	U	2.0		2	U	1.8		1	U	NA	
	SW04-042716	4/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW04-050916	5/9/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW04-062716	6/27/2016	µg/L	1	U	1	U	1.1		2	U	1	U	1	U	NA	
	SW04-072816	7/28/2016	µg/L	1	U	1	U	23.5		2	U	1	U	1	U	NA	
	SW04-081916	8/19/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW04-092916	9/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW04-103116	10/31/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW04-112816	11/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW04-122916	12/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW04-012017	1/20/2017	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW04-022817	2/28/2017	µg/L	1	U	1	U	1.13		2	U	1	U	5	U	NA	
	SW04-031517	3/15/2017	µg/L	1	U	1	U	2.90		2	U	1	U	5	U	NA	
	SW04-032117	3/21/2017	µg/L	1	U	1	U	3.28		2	U	1	U	5	U	NA	
	SW04-033017	3/30/2017	µg/L	1	U	1	U	6.15		2	U	1	U	5	U	NA	

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
			Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA	b
SW-04	SW04-040517	4/5/2017	µg/L	1	U	1	U	9.47		2	U	1	U	5	U	NA	
	SW04-050417	5/4/2017	µg/L	1	U	1	U	13.8		2	U	1	U	5	U	NA	
	SW04-061317	6/13/2017	µg/L	1	U	1	U	1.37		2	U	1	U	5	U	NA	
	SW04-071817	7/18/2017	µg/L	1	U	1	U	1.92		2	U	1	U	5	U	NA	
	SW04-080217	8/2/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW04-090517	9/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW04-120517	12/5/2017	µg/L	1	U	1	U	5.53		2	U	1	U	5	U	NA	
	SW04-121417	12/14/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW04-010918	1/9/2018	µg/L	1	U	1	U	4.09		2	U	1	U	5	U	NA	
	SW04-020618	2/6/2018	µg/L	3.04		1	U	1.73		2	U	1.12		5	U	1	U
	SW04-030918	3/9/2018	µg/L	1	U	1	U	1.37		2	U	1	U	5	U	1	U
	SW04-040618	4/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW04-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.2	
	SW04-060718	6/7/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.31	
	SW04-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW04-091418	9/14/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.13	
	SW04-120418	12/4/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW04-021919	2/19/2019	µg/L	1.47		1	U	1	U	2	U	1	U	5	U	1	U
	SW04-030719	3/7/2019	µg/L	3.11		1	U	1	U	2	U	1	U	5	U	1	U
	SW04-051519	5/15/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.27	
	SW04-060419	6/4/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.36	
	SW04-071819	7/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.12	
	SW04-082019	8/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW04-091819	9/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW04-102219	10/22/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.56	
	SW04-110519	11/5/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.71	
	SW04-122019	12/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.06	
	SW04-010820	1/8/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW04-021020	2/10/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW04-031220	3/12/2020	µg/L	5.97		1	U	1.09		2	U	1.09		5	U	2.05	
	SW04-040220	4/2/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW04-050420	5/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.49	
	SW04-060420	6/4/2020	µg/L	1.79		1	U	1	U	2	U	1	U	5	U	1.58	
	SW04-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.29	
	SW04-080620	8/6/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.47	
	SW04-091520	9/15/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.82	
	SW04-102020	10/20/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.31	
	SW04-111120	11/11/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.06	

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
			Screening Value (µg/L):	2.2	^a	530	^a	1,000	^a	NA	^b	NA	^b	NA	^b	NA	^b
SW-04	SW04-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW04-012021	1/20/2021	µg/L	8.39		1	U	1	U	2	U	1.72		5	U	1.78	
	SW04-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW04-032421	3/24/2021	µg/L	1.74		1	U	1	U	2	U	1	U	5	U	1.16	
SW-05	SW05-022515	2/25/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW05-030215	3/2/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW05-031115	3/11/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW05-031815	3/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW05-033115	3/31/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW05-042215	4/22/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW05-050715	5/7/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	--	5/19/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	6/3/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	6/18/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	7/15/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	8/13/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	9/24/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	10/22/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW05-112415	11/24/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW05-122215	12/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW05-012516	1/25/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW05-021816	2/18/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW05-031616	3/16/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	--	4/27/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	5/9/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	6/27/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	7/28/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	8/19/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	9/29/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	10/31/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	11/28/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	12/29/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	1/20/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	2/28/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	3/15/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	3/21/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	3/30/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	4/5/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2 ^a	530 ^a	1,000 ^a	NA ^b	NA ^b	NA ^b	NA ^b						
SW-05	--	5/4/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	6/13/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	7/18/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	8/2/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	9/5/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	12/5/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	12/14/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	1/9/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	SW05-020618	2/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-030918	3/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	4/6/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	SW05-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	6/7/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	7/12/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	9/14/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	SW05-120418	12/4/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-021919	2/19/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-030719	3/7/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-051519	5/15/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	6/4/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	7/18/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	8/20/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	9/18/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	10/22/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	11/5/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	12/20/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	SW05-010820	1/8/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-021020	2/10/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-031220	3/12/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-040220	4/2/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-050420	5/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-060420	6/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-080620	8/6/2020	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	9/15/2020	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	10/20/2020	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	11/11/2020	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	SW05-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2	^a	530	^a	1,000	^a	NA	^b	NA	^b	NA	^b	NA
SW-05	SW05-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW05-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-06	SW06-022515	2/25/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW06-030215	3/2/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW06-031115	3/11/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW06-031815	3/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	--	3/31/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW06-042215	4/22/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	--	5/7/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	5/19/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	6/3/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	6/18/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	7/15/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	8/13/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	9/24/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	10/22/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	11/24/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW06-122215	12/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW06-012516	1/25/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW06-021816	2/18/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	--	3/16/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	4/27/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	5/9/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	6/27/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	7/28/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	8/19/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	9/29/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	10/31/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	11/28/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	12/29/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	1/20/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	2/28/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	3/15/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	3/21/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	3/30/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	4/5/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	5/4/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	

Table 4B. Analytical Results for Surface Water, Historical

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2 ^a	530 ^a	1,000 ^a	NA ^b	NA ^b	NA ^b	NA ^b						
SW-06	--	6/13/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	7/18/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	8/2/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	9/5/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	12/5/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	12/14/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	1/9/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	2/6/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	3/9/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	4/6/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	5/3/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	6/7/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	7/12/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	9/14/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
SW-07	SW07-022515	2/25/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW07-030215	3/2/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW07-031115	3/11/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW07-031815	3/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW07-033115	3/31/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW07-042215	4/22/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW07-050715	5/7/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW07-051915	5/19/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW07-060315	6/3/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW07-061815	6/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW07-071515	7/15/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	--	8/13/2015	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	9/24/2015	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	SW07-102215	10/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW07-112415	11/24/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW07-122215	12/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW07-012516	1/25/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW07-021816	2/18/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW07-031616	3/16/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW07-042716	4/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW07-050916	5/9/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	--	6/27/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	7/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	8/19/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	

Table 4B. Analytical Results for Surface Water, Historical

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2 ^a	530 ^a	1,000 ^a	NA ^b	NA ^b	NA ^b	NA ^b						
SW-07	--	9/29/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	10/31/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	12/29/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	1/20/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	2/28/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	SW07-031517	3/15/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW07-032117	3/21/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW07-033017	3/30/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW07-040517	4/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW07-050417	5/4/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW07-061317	6/13/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW07-071817	7/18/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	--	8/2/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	9/5/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	SW07-120517	12/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW07-121417	12/14/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW07-010918	1/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW07-020618	2/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-030918	3/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-040618	4/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-060718	6/7/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	9/14/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	SW07-120418	12/4/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-030719	3/7/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-051519	5/15/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-060619	6/6/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	7/18/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	8/20/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	--	9/18/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	SW07-102219	10/22/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	11/5/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW				
	SW07-122019	12/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-010820	1/8/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-021020	2/10/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-031220	3/12/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA
SW-07	SW07-040220	4/2/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-050420	5/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-060420	6/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-080620	8/6/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	9/15/2020	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW07-102020	10/20/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-111120	11/11/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW07-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	2/24/2021	--	Water level too high.													
	SW07-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-08	SW08-022515	2/25/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW08-030215	3/2/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW08-031115	3/11/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW08-031815	3/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW08-033115	3/31/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW08-042215	4/22/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW08-050715	5/7/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW08-051915	5/19/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW08-060315	6/3/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW08-061815	6/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW08-071515	7/15/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW08-081315	8/13/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW08-092415	9/24/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW08-102215	10/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW08-112415	11/24/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW08-122215	12/22/2015	µg/L	1.6		1	U	3.8		2.5		1.6		1	U	NA	
	SW08-012516	1/25/2016	µg/L	2.4		1	U	5.6		2		1.3		1	U	NA	
	SW08-021816	2/18/2016	µg/L	2.9		1	U	7.6		2.3		1.5		1	U	NA	
	SW08-031616	3/16/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW08-042716	4/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW08-050916	5/9/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW08-062716	6/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW08-072816	7/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW08-081916	8/19/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW08-092916	9/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW08-103116	10/31/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA
SW-08	SW08-112816	11/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW08-122916	12/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW08-012017	1/20/2017	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW08-022817	2/28/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW08-031517	3/15/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW08-032117	3/21/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW08-033017	3/30/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW08-040517	4/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW08-050417	5/4/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW08-061317	6/13/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW08-071817	7/18/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW08-080217	8/2/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW08-090517	9/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW08-120517	12/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW08-121417	12/14/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW08-010918	1/9/2018	µg/L	1.16		1	U	1	U	2	U	1.87		5	U	NA	
	SW08-020618	2/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-030918	3/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-040618	4/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-060718	6/7/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-091418	9/14/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-120418	12/4/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-030719	3/7/2019	µg/L	2.45		1	U	1	U	2	U	1	U	5	U	1.17	
	SW08-051519	5/15/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-060419	6/4/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-071819	7/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-082019	8/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-091819	9/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-102219	10/22/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-110519	11/5/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-122019	12/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-010820	1/8/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-021020	2/10/2020	µg/L	8.05		1	U	1	U	2	U	1.19		5	U	1	U
	SW08-031220	3/12/2020	µg/L	1.07		1	U	1	U	2	U	1	U	5	U	1.50	
	SW08-040220	4/2/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-050420	5/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U

Table 4B. Analytical Results for Surface Water, Historical
 Products (SE) Pipe Line Corporation
 Lewis Drive Remediation Site, Belton, South Carolina
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA
SW-08	SW08-060420	6/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-080620	8/6/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-091520	9/15/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-102020	10/20/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-111120	11/11/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.05	
	SW08-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.24	
	SW08-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW08-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-09	SW09-022515	2/25/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW09-030215	3/2/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW09-031115	3/11/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW09-031815	3/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW09-033115	3/31/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW09-042215	4/22/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW09-050715	5/7/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW09-051915	5/19/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW09-060315	6/3/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW09-061815	6/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW09-071515	7/15/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW09-081315	8/13/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW09-092415	9/24/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW09-102215	10/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW09-112415	11/24/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW09-122215	12/22/2015	µg/L	2.1		1	U	4.8		3.3		2.1		1	U	NA	
	SW09-012516	1/25/2016	µg/L	3.3		1	U	7.1		2.4		1.5		1	U	NA	
	SW09-021816	2/18/2016	µg/L	2.2		1	U	5.9		2	U	1.2		1	U	NA	
	SW09-031616	3/16/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW09-042716	4/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW09-050916	5/9/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW09-062716	6/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW09-072816	7/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW09-081916	8/19/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW09-092916	9/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW09-103116	10/31/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW09-112816	11/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW09-122916	12/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA
SW-09	SW09-012017	1/20/2017	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW09-022817	2/28/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW09-031517	3/15/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW09-032117	3/21/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW09-033017	3/30/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW09-040517	4/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW09-050417	5/4/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW09-061317	6/13/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW09-071817	7/18/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW09-080217	8/2/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW09-090517	9/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW09-120517	12/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW09-121417	12/14/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW09-010918	1/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW09-020618	2/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-030918	3/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-040618	4/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-060718	6/7/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-091418	9/14/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-120418	12/4/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-030719	3/7/2019	µg/L	1.88		1	U	1	U	2	U	1	U	5	U	1.07	
	SW09-051519	5/15/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-060419	6/4/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-071819	7/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-082019	8/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-091819	9/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-102219	10/22/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-110519	11/5/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-122019	12/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-010820	1/8/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-021020	2/10/2020	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW09-031220	3/12/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.20	
	SW09-040220	4/2/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-050420	5/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-060420	6/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA
SW-09	SW09-080620	8/6/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-091520	9/15/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-102020	10/20/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-111120	11/11/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.03	
	SW09-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW09-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-10	SW10-022515	2/25/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW10-030215	3/2/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW10-031115	3/11/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW10-031815	3/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW10-033115	3/31/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW10-042215	4/22/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW10-050715	5/7/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW10-051915	5/19/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW10-060315	6/3/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW10-061815	6/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW10-071515	7/15/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW10-081315	8/13/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW10-092415	9/24/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW10-102215	10/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-112415	11/24/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-122215	12/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-012516	1/25/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-021816	2/18/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-031616	3/16/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-042716	4/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-050916	5/9/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-062716	6/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-072816	7/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-081916	8/19/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-092916	9/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-103116	10/31/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-112816	11/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-122916	12/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-012017	1/20/2017	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW10-022817	2/28/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA
SW-10	SW10-031517	3/15/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW-10-032117	3/21/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW-10-033017	3/30/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW-10-040517	4/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW10-050417	5/4/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW10-061317	6/13/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW10-071817	7/18/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW10-080217	8/2/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW10-090517	9/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW10-120517	12/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW10-121417	12/14/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW10-010918	1/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW10-020618	2/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-030918	3/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-040618	4/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-060718	6/7/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-091418	9/14/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-120418	12/4/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-030719	3/7/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-051519	5/15/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-060419	6/4/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-071819	7/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-082019	8/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-091819	9/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-102219	10/22/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-110519	11/5/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-122019	12/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-010820	1/8/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-021020	2/10/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-031220	3/12/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-040220	4/2/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-050420	5/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-060420	6/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-080620	8/6/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-091520	9/15/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U

Table 4B. Analytical Results for Surface Water, Historical

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA
SW-10	SW10-102020	10/20/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-111120	11/11/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW10-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-11	SW11-022515	2/25/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW11-030215	3/2/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW11-031115	3/11/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW11-031815	3/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW11-033115	3/31/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW11-042215	4/22/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW11-050715	5/7/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW11-051915	5/19/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW11-060315	6/3/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW11-061815	6/18/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW11-071515	7/15/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW11-081315	8/13/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW11-092415	9/24/2015	µg/L	5	U ^c	5	U	5	U	10	U	5	U	5	U	NA	
	SW11-102215	10/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-112415	11/24/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-122215	12/22/2015	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-012516	1/25/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-021816	2/18/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-031616	3/16/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-042716	4/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-050916	5/9/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-062716	6/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-072816	7/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-081916	8/19/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-092916	9/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-103116	10/31/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-112816	11/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-122916	12/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-012017	1/20/2017	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW11-022817	2/28/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW11-031517	3/15/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW-11-032117	3/21/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA
SW-11	SW-11-033017	3/30/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW-11-040517	4/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW11-050417	5/4/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW11-061317	6/13/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW11-071817	7/18/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW11-080217	8/2/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW11-090517	9/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW11-120517	12/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW11-121417	12/14/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW11-010918	1/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW11-020618	2/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-030918	3/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-040618	4/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-060718	6/7/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-091418	9/14/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-120418	12/4/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-030719	3/7/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-051519	5/15/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-060419	6/4/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-071819	7/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-082019	8/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-091819	9/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-102219	10/22/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-110519	11/5/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-122019	12/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-010820	1/8/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-021020	2/10/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-031220	3/12/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-040220	4/2/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-050420	5/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-060420	6/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-080620	8/6/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-091520	9/15/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-102020	10/20/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-111120	11/11/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
			Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA	b
SW-11	SW11-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW11-032421	3/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-12	SW12-081916	8/19/2016	µg/L	6,430		764		15,400		3,360		1,730		128		NA	
	SW12-092916	9/29/2016	µg/L	7,850		1,030		19,000		3,910		1,940		143		NA	
	SW12-103116	10/31/2016	µg/L	165		17.7		302		103		58.2		4.7		NA	
	SW12-112816	11/28/2016	µg/L	486		59.6		976		351		181		14.2		NA	
	SW12-122916	12/29/2016	µg/L	707		97.3		1,790		408		213		16.8		NA	
	SW12-012017	1/20/2017	µg/L	212		19.8		396		104		58		3.8		NA	
	SW12-022817	2/28/2017	µg/L	26.1		4.04		62.3		18.0		9.73		5	U	NA	
	SW12-031517	3/15/2017	µg/L	125		15.3		185		67.9		35.5		5	U	NA	
	SW12-032117	3/21/2017	µg/L	134		12.1		45.0		60.8		33.6		5	U	NA	
	SW12-033017	3/30/2017	µg/L	48.5		5.69		86.3		27.7		15.8		5	U	NA	
	SW12-040517	4/5/2017	µg/L	67.1		9.24		127.0		43.6		23.7		5	U	NA	
	SW12-050417	5/4/2017	µg/L	52.8		7.96		91.7		42		23.2		5	U	NA	
	SW12-061317	6/13/2017	µg/L	102		16.6		166		85.1		46.2		5	U	NA	
	SW12-071817	7/18/2017	µg/L	65		5.8		116		43.3		24.8		5	U	NA	
	SW12-080217	8/2/2017	µg/L	125		14.7		204		102		67		5	U	NA	
	SW12-090517	9/5/2017	µg/L	46.7		4.72		72		39		26.2		5	U	NA	
	SW12-120517	12/5/2017	µg/L	16.6		2.91		12.6		20.1		13.3		5	U	NA	
	SW12-121417	12/14/2017	µg/L	9.19		2.66		8.26		18		12.1		5	U	NA	
	SW12-010918	1/9/2018	µg/L	12.3		2.16		5.65		14.6		11.1		5	U	NA	
	SW12-020618	2/6/2018	µg/L	2.53		1	U	1.20		4.04		2.44		5	U	1	U
	SW12-030918	3/9/2018	µg/L	3.24		1.79		12.2		9.75		4.28		5	U	1	U
	SW12-040618	4/6/2018	µg/L	1.88		1	U	1	U	5.05		2.82		5	U	1	U
	SW12-050318	5/3/2018	µg/L	1	U	1	U	1	U	4.18		2.72		5	U	1	U
	SW12-060718	6/7/2018	µg/L	1.85		1	U	1	U	3.24		1.64		5	U	1	U
	SW12-071218	7/12/2018	µg/L	1.79		1	U	1	U	3.81		2.15		5	U	1	U
	SW12-091418	9/14/2018	µg/L	1.34		1	U	1	U	3.20		2.00		5	U	1	U
	SW12-120418	12/4/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW12-021919	2/19/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	3/7/2019	--	NS-IV		NS-IV		NS-IV		NS-IV		NS-IV		NS-IV		NS-IV	
	SW12-051519	5/15/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW12-060419	6/4/2019	µg/L	1.19		1	U	1	U	2	U	1	U	5	U	1	U
	SW12-071819	7/18/2019	µg/L	1.09		1	U	1	U	2	U	1	U	5	U	1	U
	SW12-082219	8/22/2019	µg/L	3.33		1	U	1	U	2	U	1	U	5	U	1	U
	SW12-091819	9/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U

Table 4B. Analytical Results for Surface Water, Historical
 Products (SE) Pipe Line Corporation
 Lewis Drive Remediation Site, Belton, South Carolina
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
			Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA	b
SW-12	SW12-102219	10/22/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW12-110519	11/5/2019	µg/L	1.67		1	U	1	U	2	U	1	U	5	U	1	U
	SW12-122019	12/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW12-010820	1/8/2020	µg/L	1.36		1	U	1	U	2	U	1	U	5	U	1	U
	SW12-021020	2/10/2020	µg/L	18.9		1.54		2.68		20.7		5.13		5	U	2.39	
	SW12-031220	3/12/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW12-040220	4/2/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW12-050420	5/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW12-060420	6/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW12-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW12-080620	8/6/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW12-091520	9/15/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW12-102020	10/20/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW12-111120	11/11/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW12-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	1/20/2021	--	Water level too high.													
	--	2/24/2021	--	Water level too high.													
	--	3/24/2021	--	Water level too high.													
SW-13	SW13-092916	9/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW13-103116	10/31/2016	µg/L	1	U	1	U	2.0		2	U	1	U	1	U	NA	
	SW13-112816	11/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW13-122916	12/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW13-012017	1/20/2017	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	SW13-022817	2/28/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW13-031517	3/15/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW13-032117	3/21/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW13-033017	3/30/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW13-040517	4/5/2017	µg/L	1	U	1	U	1.21		2	U	1	U	5	U	NA	
	SW13-050417	5/4/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW13-061317	6/13/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW13-071817	7/18/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW13-080217	8/2/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW13-090517	9/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW13-120517	12/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW13-121417	12/14/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW13-010918	1/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW13-020618	2/6/2018	µg/L	1.78		1	U	1	U	2	U	1	U	5	U	4.26	
	SW13-030918	3/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.07	

Table 4B. Analytical Results for Surface Water, Historical

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
			Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA	b
SW-13	SW13-040618	4/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.4	
	SW13-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	3.67	
	SW13-060718	6/7/2018	µg/L	2.99		1	U	2.48		2	U	1	U	5	U	8.08	
	SW13-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW13-081318	8/13/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW13-091418	9/14/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW13-120418	12/4/2018	µg/L	1	U	1	U	1.84		2	U	1	U	5	U	3.49	
	SW13-021919	2/19/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW13-030719	3/7/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	11.0	
	SW13-051519	5/15/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.30	
	SW13-060419	6/4/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.11	
	SW13-071819	7/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW13-082019	8/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	--	9/18/2019	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	SW13-102219	10/22/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	4.83	
	SW13-110519	11/5/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.11	
	SW13-122019	12/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.09	
	SW13-010820	1/8/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.79	
	SW13-021020	2/10/2020	µg/L	4.44		1	U	1	U	2	U	1	U	5	U	1.50	
	SW13-031220	3/12/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	3.73	
	SW13-040220	4/2/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.09	
	SW13-050420	5/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.87	
	SW13-060420	6/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.82	
	SW13-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.89	
	SW13-080620	8/6/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.53	
	SW13-091520	9/15/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.18	
	SW13-102020	10/20/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.42	
	SW13-111120	11/11/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.50	
	SW13-121720	12/17/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.55	
	SW13-012021	1/20/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.26	
	SW13-022421	2/24/2021	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	3.51	
	SW13-032421	3/24/2021	µg/L	1.35		1	U	1	U	2	U	1	U	5	U	6.84	
SW-14	SW14-071817	7/18/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW14-080217	8/2/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW14-090517	9/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	SW14-120517	12/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	--	12/14/2017	--	NS-DW		NS-DW		NS-DW		NS-DW		NS-DW		NS-DW		NS-DW	
	SW14-010918	1/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	

Table 4B. Analytical Results for Surface Water, Historical

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA
SW-14	SW14-020618	2/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-030918	3/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-040618	4/6/2018	µg/L	1	U	1	U	1.43		2	U	1	U	5	U	1	U
	SW14-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-060718	6/7/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.18	
	SW14-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.33	
	SW14-091418	9/14/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-120418	12/4/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.62	
	SW14-021919	2/19/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.19	
	SW14-030719	3/7/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.68	
	SW14-051519	5/15/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.50	
	SW14-060419	6/4/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-071819	7/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-082019	8/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-091819	9/18/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-102219	10/22/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-110519	11/5/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-122019	12/20/2019	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-010820	1/8/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-021020	2/10/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-031220	3/12/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-040220	4/2/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-050420	5/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-060420	6/4/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.49	
	SW14-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-080620	8/6/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	2.83	
	SW14-091520	9/15/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	SW14-102020	10/20/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.40	
	SW14-111120	11/11/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.75	
	--	12/17/2020	--	No property access.													
	--	1/20/2021	--	No property access.													
	--	2/24/2021	--	No property access.													
	--	3/24/2021	--	No property access.													
FP-01	FP01-031616	3/16/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP01-042716	4/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP01-050916	5/9/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP01-062716	6/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP01-072816	7/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	

Table 4B. Analytical Results for Surface Water, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA
FP-01	FP01-081916	8/19/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP01-092916	9/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP01-103116	10/31/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP01-112816	11/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP01-122916	12/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP01-012017	1/20/2017	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP01-022817	2/28/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP01-031517	3/15/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-01-032117	3/21/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-01-033017	3/30/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-01-040517	4/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-01-050417	5/4/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-01-061317	6/13/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-01-071817	7/18/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-01-080217	8/2/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-01-090517	9/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-01-120517	12/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-01-121417	12/14/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP01-010918	1/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP01-020618	2/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP01-030918	3/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP01-040618	4/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP01-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP01-060718	6/7/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP01-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP01-091418	9/14/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
FP-02	FP02-031616	3/16/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP02-042716	4/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP02-050916	5/9/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP02-062716	6/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP02-072816	7/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP02-081916	8/19/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP02-092916	9/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP02-103116	10/31/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP02-112816	11/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP02-122916	12/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP02-012017	1/20/2017	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP02-022817	2/28/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	

Table 4B. Analytical Results for Surface Water, Historical

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
				Screening Value (µg/L):	2.2	a	530	a	1,000	a	NA	b	NA	b	NA	b	NA
FP-02	FP02-031517	3/15/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-02-032117	3/21/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-02-033017	3/30/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-02-040517	4/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-02-050417	5/4/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-02-061317	6/13/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-02-071817	7/18/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-02-080217	8/2/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-02-090517	9/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-02-120517	12/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-02-121417	12/14/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP02-010918	1/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP02-020618	2/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP02-030918	3/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP02-040618	4/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP02-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP02-060718	6/7/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP02-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP02-091418	9/14/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
FP-03	FP03-031616	3/16/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP03-042716	4/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP03-050916	5/9/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP03-062716	6/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP03-072816	7/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	--	8/19/2016	--	NS-HS		NS-HS		NS-HS		NS-HS		NS-HS		NS-HS		NS-HS	
	FP03-092916	9/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP03-103116	10/31/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP03-112816	11/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP03-122916	12/29/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP03-012017	1/20/2017	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	NA	
	FP03-022817	2/28/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP03-031517	3/15/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-03-032117	3/21/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-03-033017	3/30/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	--	4/5/2017	--	NS-HS		NS-HS		NS-HS		NS-HS		NS-HS		NS-HS		NS-HS	
	FP-03-050417	5/4/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-03-061317	6/13/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-03-071817	7/18/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	

Table 4B. Analytical Results for Surface Water, Historical

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene		Ethylbenzene		Toluene		m&p-Xylene		o-Xylene		Naphthalene		MTBE	
			Screening Value (µg/L):	2.2	^a	530	^a	1,000	^a	NA	^b	NA	^b	NA	^b	NA	^b
FP-03	FP-03-080217	8/2/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-03-090517	9/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-03-120517	12/5/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP-03-121417	12/14/2017	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP03-010918	1/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	NA	
	FP03-020618	2/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP03-030918	3/9/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP03-040618	4/6/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP03-050318	5/3/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP03-060718	6/7/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP03-071218	7/12/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
	FP03-091418	9/14/2018	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U

Notes:

^a South Carolina Department of Health and Environmental Control (DHEC) R.61-68, Water Classifications and Standards, Human Health for Consumption of Water and Organism, June 27, 2014.

^b Screening levels for these analytes are not specified in DHEC R. 61-68.

^c The analyte was analyzed for, but was not detected above the laboratory reporting/quantitation limit. However, the laboratory reporting/quantitation limit is above the screening criteria.

The actual absence or presence of this analyte between the screening criteria and the laboratory reporting/quantitation limit cannot be determined.

Samples analyzed by U.S. Environmental Protection Agency Methods SW 8260B/8260D.

Bold indicates the analyte was detected above the method detection limit.

Gray shading indicates the analyte exceeded its screening value.

µg/L = microgram(s) per liter

FP = fishing pond

ID = identification

J = estimated

MTBE = methyl tertiary butyl ether

NA = not applicable

NS-DW = sample not collected due to location being in a different watershed

NS-HS = sample not collected due to health and safety concerns

NS-IW = sample not collected due to insufficient volume at surface water location

SW = surface water

U = analyte was not detected above the reported sample quantitation limit

Table 5A. Analytical Results for Groundwater, First Trimester 2021

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
RBSL ^a :			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-01	MW-01-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-01B	MW-01B-032421	3/24/2021	µg/L	1.19		1	U	1	U	3	U	1	U	1	U	5	U	--
MW-02	MW-02-032521	3/25/2021	µg/L	1.13		28.5		1.51		201		1	U	1	U	30.1		--
MW-02B	MW-02B-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-03	MW-03-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-04	MW-04-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-05	MW-05-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-06	MW-06-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-06B	MW-06B-032521	3/25/2021	µg/L	1	U	1	U	1.50		3	U	1	U	1	U	5	U	--
MW-07	MW-07-012021	1/20/2021	µg/L	216		511		726		4,030		25	U ^b	25	U ^b	125	U ^b	--
	MW-07-032621	3/26/2021	µg/L	16.5		37.0		19.9		346		10	U ^b	10	U	50	U ^b	--
MW-08	--	3/23/2021	--	NS		NS		NS		NS		NS		NS		NS		NS
MW-09	MW-09-032621	3/26/2021	µg/L	12.1		310		700		2,440		1	U	1	U	49.2		--
MW-09B	MW-09B-032621	3/26/2021	µg/L	1	U	1	U	1	U	4.63		1	U	1	U	5	U	--
MW-10	MW-10-032621	3/26/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-11	MW-11-012021	1/20/2021	µg/L	2,600		2,600		16,400		14,400		250	U ^b	250	U ^b	1,250	U ^b	--
	MW-11-032521	3/25/2021	µg/L	3,300		2,320		11,300		12,600		250	U ^b	250	U ^b	1,250	U ^b	--
MW-12	MW-12-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-12B	MW-12B-012021	1/20/2021	µg/L	3.89		1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-12B-032521	3/25/2021	µg/L	4.50		1	U	1	U	3	U	1	U	1	U	5	U	--
MW-13	MW-13-012021	1/20/2021	µg/L	288		39.8		18.1		454		10	U ^b	10	U	50	U ^b	--
	MW-13-032621	3/26/2021	µg/L	209		10	U	65.1		147		10	U ^b	10	U	50	U ^b	--
MW-13B	MW-13B-012021	1/20/2021	µg/L	1,210		50	U	51.5		150	U	50	U ^b	157		250	U ^b	--
	MW-13B-032621	3/26/2021	µg/L	1,060		50	U	67.5		152		50	U ^b	186		250	U ^b	--
MW-14	MW-14-032621	3/26/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-14B	MW-14B-032621	3/26/2021	µg/L	18.3		1	U	1	U	3.50		1	U	10.6		5	U	--
MW-15	MW-15-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	UJ	1.35		5	U	--
MW-15B	MW-15B-012021	1/20/2021	µg/L	3,750		200	U	995		1,830		200	U ^b	200	U ^b	1000	U ^b	--
	MW-15B-032521	3/25/2021	µg/L	2,100		50	U	385		1,230		50	U ^b	148		250	U ^b	--
MW-16	--	3/23/2021	--	NS		NS		NS		NS		NS		NS		NS		NS
MW-17	MW-17-032421	3/24/2021	µg/L	56.9		2.97		6.15		22.4		1	U	1.48		5	U	--
MW-17B	MW-17B-012021	1/20/2021	µg/L	5,320		726		3,790		5,150		100	U ^b	341		500	U ^b	--
	MW-17B-032521	3/25/2021	µg/L	4,660		906		3,590		5,810		100	UJ ^b	263		500	U ^b	--
MW-18	MW-18-032621	3/26/2021	µg/L	1.18		1	U	4.35		9.70		1	U	17.1		34.1		--
MW-19	MW-19-032421	3/24/2021	µg/L	1	U	1	U	2.56		22.7		1	U	1	U	14.1		--

Table 5A. Analytical Results for Groundwater, First Trimester 2021

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
			RBSL ^a : µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-20	MW-20-012021	1/20/2021	µg/L	3,070	897	10,900	8,620	250	U ^b	250	U ^b	1250	U ^b	--				
	MW-20-032421	3/24/2021	µg/L	4,730	1,270	13,100	11,200	250	U ^b	250	U ^b	1250	U ^b	--				
MW-21	MW-21-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	UJ	2.15	5	U	--	
MW-22	MW-22-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-23	MW-23-012021	1/20/2021	µg/L	1,270	100	100	359	100	U ^b	100	U ^b	500	U ^b	--				
	MW-23-032421	3/24/2021	µg/L	2,140	153	945	1,380	25	U ^b	25	U	125	U ^b	--				
MW-23B	MW-23B-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-24	MW-24-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-24B	MW-24B-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-25	MW-25-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-25B	MW-25B-032521	3/25/2021	µg/L	1.44	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-26	MW-26-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-26B	MW-26B-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-27	MW-27-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-27B	MW-27B-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-28	MW-28-032521	3/25/2021	µg/L	1.03	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-29	MW-29-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-30	MW-30-032621	3/26/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-31	MW-31-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-32	MW-32-032621	3/26/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-33T	MW-33T-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-34	--	3/24/2021	--	No access. Water level too high.														
MW-35	MW-35-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-36	--	1/19/2021	--	No property access.														
	--	3/24/2021	--	No property access.														
MW-36B	--	3/24/2021	--	No property access.														
MW-37	MW-37-012021	1/20/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-37-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-38	MW-38-012021	1/20/2021	µg/L	1,200	4.22	10.2	219	1	U	193	52.0	--						
	MW-38-032521	3/25/2021	µg/L	1,660	2.50	7.43	186	1	U	144	30.3	--						
MW-38B	MW-38B-012021	1/20/2021	µg/L	1,930	6.73	16.2	365	1	U	193	72.9	--						
	MW-38B-032521	3/25/2021	µg/L	2,260	6.07	13.7	693	1	U	161	59.3	--						
MW-39	MW-39-012021	1/20/2021	µg/L	853	23.1	48.8	194	1	U	90.1	5	U	--					
	MW-39-032521	3/25/2021	µg/L	117	5	U	6.16	21.3	5	U	72.5	25	U	--				
MW-40	MW-40-012021	1/20/2021	µg/L	1	U	1	U	1	U	3	U	1	U	17.3	5	U	--	
	MW-40-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	8.88	5	U	--	

Table 5A. Analytical Results for Groundwater, First Trimester 2021

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene		Ethylbenzene		Toluene		Total Xylenes		1,2-DCA		MTBE		Naphthalene		EDB
RBSL ^a :			µg/L	5.0		700		1,000		10,000		5.0		40		25		0.05
MW-41	MW-41-012021	1/20/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-42	MW-42-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-43	MW-43-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-43B	MW-43B-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-44	MW-44-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-44B	MW-44B-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	UJ	1	U	5	U	--
MW-45	MW-45-012021	1/20/2021	µg/L	1	U	1	U	1	U	3.48		1	U	25.1		5	U	--
	MW-45-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	8.64		5	U	--
MW-45B	MW-45B-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	UJ	1	U	5	U	--
MW-46	MW-46-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	57.3		5	U	--
MW-47	MW-47-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-48B	MW-48B-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-49	MW-49-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-50B	MW-50B-012021	1/20/2021	µg/L	948		1	U	1.06		13.3		1	U	97.5		5	U	--
	MW-50B-032521	3/25/2021	µg/L	641		1	U	1	U	4.43		1	U	113		5	U	--
MW-51	MW-51-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	3.28		5	U	--
MW-52	MW-52-032621	3/26/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-53	--	3/23/2021	--	NS		NS		NS		NS		NS		NS		NS		NS
MW-54	MW-54-032621	3/26/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-55	--	3/24/2021	--	No property access.														
MW-56	MW-56-012021	1/20/2021	µg/L	1	U	1	U	1	U	3	U	1	U	60.0		5	U	--
	MW-56-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	UJ	70.0		5	U	--
MW-57	MW-57-012021	1/20/2021	µg/L	20.4		1	U	1	U	3	U	1	U	50.1		5	U	--
	MW-57-032421	3/24/2021	µg/L	17.2		1	U	1	U	3	U	1	UJ	56.2		5	U	--
MW-60	MW-60-012021	1/20/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-60-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	UJ	1	U	5	U	--

Table 5A. Analytical Results for Groundwater, First Trimester 2021

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte									
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB		
RBSL^a:			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05		

Notes:

^a RBSL = Risk-based screening level identified in South Carolina Underground Storage Tank Management Division Programmatic Quality Assurance Program Plan, Revision 3.1, Table D1 "RBSLs for Groundwater," February 2016.

^b The constituent was analyzed for, but was not detected above the laboratory reporting/quantitation limit. However, the laboratory reporting/quantitation limit is above the screening criteria. The actual absence or presence of this analyte between the screening criteria and the laboratory reporting/quantitation limit cannot be determined.

Samples analyzed by EPA Methods SW 8260D and 8011.

Bold indicates the analyte was detected above the method detection limit.

Gray shading indicates the analyte exceeded RBSLs.

µg/L = microgram(s) per liter

1,2-DCA = 1,2-dichloroethane

EDB = 1,2-dibromoethane

ID = identification

MTBE = methyl tertiary butyl ether

MW = monitoring well

NS = not sampled

U = analyte was not detected above the reported sample quantitation limit

UJ = analyte was not detected above the reported sample quantitation limit and should be considered estimated

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
		RBSL^a:	µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-01	MW-01-072715	7/27/2015	µg/L	5	U ^b	5	U	5	U	10	U	5	U ^b	5	U	5	U	0.02	U
	MW-01-012716	1/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.02	U
	--	11/28/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-01-062817	6/28/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01-090717	9/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01-120517	12/5/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01-030818	3/8/2018	µg/L	1.85		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01-091118	9/11/2018	µg/L	2.02		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01-030519	3/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01-121719	12/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01-031220	3/12/2020	µg/L	5	U	5	U	5	U	15	U	U	U	5	U	25	U	--	
	MW-01-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-01B	MW-01B-080415	8/4/2015	µg/L	5	U ^b	5	U	5	U	10	U	5	U ^b	5	U	5	U	5	U
	MW-01B-012716	1/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.019	U
	MW-01B-120116	12/1/2016	µg/L	1	U	1	U	1.40		5.60		1	U	1	U	1.30		--	
	MW-01B-062817	6/28/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01B-090717	9/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01B-120517	12/5/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01B-030818	3/8/2018	µg/L	3.51		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01B-060518	6/5/2018	µg/L	8.96		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01B-091118	9/11/2018	µg/L	11.1		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01B-120518	12/5/2018	µg/L	8.30		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01B-030519	3/5/2019	µg/L	3.32		1	U	1	U	3	U	1	U	1.02		5	U	--	
	MW-01B-060519	6/5/2019	µg/L	1.82		1	U	1	U	3	U	1	U	1.00		5	U	--	
	MW-01B-091919	9/19/2019	µg/L	1.53		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01B-121719	12/17/2019	µg/L	3.29		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01B-031220	3/12/2020	µg/L	5.76		1	U	1	U	3	U	1	U	1.12		5	U	--	
	MW-01B-070720	7/7/2020	µg/L	5.56		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01B-111220	11/12/2020	µg/L	4.60		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-01B-032421	3/24/2021	µg/L	1.19		1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
		RBSL^a:	µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-02	MW-02-072715	7/27/2015	µg/L	4,320	625	U	9,670	2,460	5	U ^b	171	74.7	0.02	U				
	MW-02-012616	1/26/2016	µg/L	9,500	1,160		25,000	6,310	50	U ^b	285	139	0.019	U				
	--	11/28/2016	--	NS-FP	NS-FP		NS-FP	NS-FP	NS-FP		NS-FP	NS-FP	NS-FP	NS-FP				
	MW-02-062917	6/29/2017	µg/L	8,040	833		27,100	9,890	250	U ^b	250	U ^b	1,250	U ^b	--			
	MW-02-090817	9/8/2017	µg/L	2,340	181		7,120	8,510	50	U ^b	50	U ^b	389	U ^b	--			
	MW-02-100417	10/4/2017	µg/L	3,510	306		11,900	11,200	50	U ^b	53.9	250	U ^b	U ^b	--			
	MW-02-110817	11/8/2017	µg/L	850	100	U	1,370	3,520	100	U ^b	100	U ^b	500	U ^b	--			
	MW-02-120717	12/7/2017	µg/L	153	15.1		313	441	1	U	70.9	12.8			--			
	MW-02-010918	1/9/2018	µg/L	307	10	U	878	1,300	10	U ^b	61.8	63.7			--			
	MW-02-020618	2/6/2018	µg/L	30.5	1.09		29.6	88.3	1	U	32.0	5	U		--			
	MW-02-030718	3/7/2018	µg/L	131	34.1		594	442	1	U	27.6	34.5			--			
	MW-02-040618	4/6/2018	µg/L	72.5	8.96		94.7	501	1	U	18.4	5	U		--			
	MW-02-050318	5/3/2018	µg/L	35.4	7.50		14.9	163	1	U	7.95	5	U		--			
	MW-02-060618	6/6/2018	µg/L	1	U	1	U	3.19	3.70	1	U	1.25	5	U	--			
	MW-02-071218	7/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	5	U	--		
	MW-02-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	5	U	--		
	MW-02-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	5	U	--		
	MW-02-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	5	U	--		
	MW-02-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	5	U	--		
	MW-02-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	5	U	--		
	MW-02-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	5	U	--		
	MW-02-031320	3/13/2020	µg/L	1	U	1	U	1	U	4.60	1	U	1	U	5	U	--	
	--	7/6/2020	--	NS-SS	NS-SS		NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS			
	--	11/10/2020	--	NS-SS	NS-SS		NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS			
	MW-02-032521	3/25/2021	µg/L	1.13	28.5		1.51	201	1	U	1	U	30.1		--			
MW-02B	MW-02B-080415	8/4/2015	µg/L	5	U ^b	5	U	5	U	10	U	5	U ^b	5	U	0.02	U	
	--	1/19/2016	--	NS-FP	NS-FP		NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP			
	MW-02B-030116	3/1/2016	µg/L	1	U	1	U	4.80	4.60	1	U	1	U	1	U	0.019	U	
	--	11/28/2016	--	NS-IW	NS-IW		NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW			
	MW-02B-033117	3/31/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-02B-062917	6/29/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-02B-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-02B-120717	12/7/2017	µg/L	1	U	1	U	1.11	3	U	1	U	1	U	5	U	--	
	MW-02B-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-02B-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-02B-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
			RBSL ^a : µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-02B	MW-02B-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-02B-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-02B-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-02B-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-02B-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-02B-031320	3/13/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	7/6/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	MW-02B-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-03	MW-03-072715	7/27/2015	µg/L	5	U ^b	5	U	5	U	10	U	5	U ^b	5	U	5	U	0.02	U
	MW-03-012516	1/25/2016	µg/L	108		20.1		958		598		1	U	1	U	11.1		0.02	U
	MW-03-120616	12/6/2016	µg/L	61.1		25.1		229		330		2	U	2	U	3.60		--	
	MW-03-062917	6/29/2017	µg/L	10.9		1	U	24.6		6.98		1	U	2.34		5	U	--	
	--	9/5/2017	--	NS-HS		NS-HS		NS-HS		NS-HS		NS-HS		NS-HS		NS-HS		NS-HS	
	--	10/3/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-03-110817	11/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-03-120517	12/5/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	1/8/2018	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-03-020618	2/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-03-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-03-040618	4/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-03-050318	5/3/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-03-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-03-071218	7/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-03-091318	9/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-03-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-03-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-03-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	9/16/2019	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-03-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-03-031320	3/13/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	7/6/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	MW-03-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-072815	7/28/2015	µg/L	5	U ^b	5	U	5	U	10	U	5	U ^b	5	U	5	U	0.019	U
	MW-04-012516	1/25/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.02	U

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
RBSL ^a :			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-04	MW-04-120616	12/6/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	--	
	MW-04-062917	6/29/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-120717	12/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-091318	9/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-031320	3/13/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-04-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-05	MW-05-072815	7/28/2015	µg/L	5	U ^b	5	U	5	U	10	U	5	U ^b	5	U	5	U	0.019	U
	MW-05-012516	1/25/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.02	U
	--	11/28/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-05-050317	5/3/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-062917	6/29/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-071717	7/17/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-080117	8/1/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-100417	10/4/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-110817	11/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-120717	12/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-010918	1/9/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-020618	2/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-040618	4/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-050318	5/3/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-060718	6/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-071318	7/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-091318	9/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
RBSL ^a :			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-05	MW-05-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-05-031320	3/13/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	7/6/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	MW-05-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-06	MW-06-072815	7/28/2015	µg/L	5	U ^b	5	U	5	U	10	U	5	U ^b	5	U	5	U	0.02	U
	MW-06-012116	1/21/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.02	U
	MW-06-120216	12/2/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	--	
	MW-06-062917	6/29/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-06-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-06-120717	12/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-06-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-06-060718	6/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-06-091318	9/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-06-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-06-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-06-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-06-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-06-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-06-031320	3/13/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	7/6/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	MW-06-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-06B	MW-06B-120717	12/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-06B-030718	3/7/2018	µg/L	1	U	1	U	3.63		3	U	1	U	1	U	5	U	--	
	MW-06B-060718	6/7/2018	µg/L	1	U	1	U	4.69		3	U	1	U	1	U	5	U	--	
	MW-06B-091318	9/13/2018	µg/L	1	U	1	U	1.17		3	U	1	U	1	U	5	U	--	
	MW-06B-120618	12/6/2018	µg/L	1	U	1	U	1.89		3	U	1	U	1	U	5	U	--	
	MW-06B-030719	3/7/2019	µg/L	1	U	1	U	1.42		3	U	1	U	1	U	5	U	--	
	MW-06B-060419	6/4/2019	µg/L	1	U	1	U	4.53		3	U	1	U	1	U	5	U	--	
	MW-06B-091819	9/18/2019	µg/L	1	U	1	U	3.52		3	U	1	U	1	U	5	U	--	
	MW-06B-121819	12/18/2019	µg/L	1	U	1	U	4.47		3	U	1	U	1	U	5	U	--	
	MW-06B-031320	3/13/2020	µg/L	1	U	1	U	1.56		3	U	1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
			RBSL^a: µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-06B	MW-06B-070720	7/7/2020	µg/L	1	U	1	U	3.55	3	U	1	U	1	U	5	U	--	
	MW-06B-111220	11/12/2020	µg/L	1	U	1	U	2.35	3	U	1	U	1	U	5	U	--	
	MW-06B-032521	3/25/2021	µg/L	1	U	1	U	1.50	3	U	1	U	1	U	5	U	--	
MW-07	--	7/27/2015	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	MW-07-012116	1/21/2016	µg/L	1,060		389		5,210	2,620		40	U ^b	40	U ^b	40	U ^b	0.02	U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	MW-07-062917	6/29/2017	µg/L	4,290		629		17,700	4,990		250	U ^b	250	U ^b	1,250	U ^b	--	
	--	9/5/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	10/3/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	11/7/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	12/4/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	1/8/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	2/6/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	MW-07-030818	3/8/2018	µg/L	4,550		802		14,100	7,520		50	U ^b	50	U ^b	250	U ^b	--	
	--	4/6/2018	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	MW-07-050318	5/3/2018	µg/L	6,330		662		16,500	9,060		250	U ^b	250	U ^b	1,250	U ^b	--	
	--	6/4/2018	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	MW-07-091218	9/12/2018	µg/L	4,620		639		13,600	6,180		1	U	1	U	82.5		--	
	MW-07-120618	12/6/2018	µg/L	4,850		574		13,400	9,890		100	U ^b	100	U ^b	500	U ^b	--	
	MW-07-021919	2/19/2019	µg/L	5,360		516		12,400	7,280		1	U	1	U	6.32		--	
	MW-07-030719	3/7/2019	µg/L	3,110		147		5,780	4,110		1	U	1	U	5	U	--	
	MW-07-051519	5/15/2019	µg/L	2,030		169		3,440	3,110		1	U	1	U	9.44		--	
	MW-07-060419	6/4/2019	µg/L	1,940		168		3,390	2,740		1	U	1	U	6.90		--	
	MW-07-082019	8/20/2019	µg/L	2,120		340		4,750	3,650		50	U ^b	50	U ^b	250	U ^b	--	
	MW-07-091919	9/19/2019	µg/L	1,580		148		2,550	2,160		50	U ^b	50	U ^b	250	U ^b	--	
	--	11/4/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	12/16/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	MW-07-021320	2/13/2020	µg/L	487		463		3,100	5,530		100	U ^b	100	U ^b	500	U ^b	--	
	MW-07-031120	3/11/2020	µg/L	62.3		76.0		464	1,310		5	U	5	U	40.9		--	
	MW-07-050620	5/6/2020	µg/L	69.5		122		508	1,130		5	U	5	U	35.9		--	
	MW-07-070920	7/9/2020	µg/L	41.4		22.1		103	431		1	U	1	U	5.45		--	
	MW-07-091820	9/18/2020	µg/L	503		466		1,170	3,520		1	U	1	U	58.5		--	
MW-07	MW-07-111220	11/12/2020	µg/L	534		253		1,190	2,090		1	U	1	U	31.9		--	
	MW-07-012021	1/20/2021	µg/L	216		511		726	4,030		25	U ^b	25	U ^b	125	U ^b	--	
	MW-07-032621	3/26/2021	µg/L	16.5		37.0		19.9	346		10	U ^b	10	U	50	U ^b	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
		RBSL^a:	µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-08		7/28/2015	µg/L	5	U ^b	5	U	5	U	10	U	5	U ^b	5	U	5	U	0.02	U
	MW-08-012616	1/26/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.02	U
	MW-08-120616	12/6/2016	µg/L	1	U	1	U	14.4		7.10		1	U	1	U	1	U	--	
	MW-08-062917	6/29/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-08-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-08-120717	12/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-08-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-08-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-08-091318	9/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	12/3/2018	--	NS-PS		NS-PS		NS-PS		NS-PS		NS-PS		NS-PS		NS-PS		NS-PS	
	MW-08-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-08-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-08-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-08-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-08-031320	3/13/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	7/6/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	3/23/2021	--	NS		NS		NS		NS		NS		NS		NS		NS	
MW-09	--	7/27/2015	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	1/19/2016	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	11/28/2016	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	MW-09-062917	6/29/2017	µg/L	3,860		517		13,000		8,680		200	U ^b	200	U ^b	1,000	U ^b	--	
	--	9/5/2017	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	MW-09-120717	12/7/2017	µg/L	54.3		3.44		19.6		64.8		1	U	27.5		5	U	--	
	MW-09-030718	3/7/2018	µg/L	3.30		1	U	11.0		3.92		1	U	8.74		5	U	--	
	MW-09-060618	6/6/2018	µg/L	2.25		1	U	6.06		4.75		1	U	3.65		5	U	--	
	MW-09-091318	9/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	2.14		5	U	--	
	MW-09-120618	12/6/2018	µg/L	6.39		2.61		48.3		39.8		1	U	5.68		6.79		--	
	MW-09-030719	3/7/2019	µg/L	6.24		3.80		64.3		52.7		1	U	5.90		5	U	--	
	MW-09-060419	6/4/2019	µg/L	1	U	1	U	1.66		3	U	1	U	3.95		5	U	--	
	MW-09-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1.48		5	U	--	
	MW-09-121819	12/18/2019	µg/L	1	U	1	U	5.00		3.10		1	U	1.34		5	U	--	
MW-09	MW-09-031320	3/13/2020	µg/L	1	U	1	U	1	U	3	U	1	U	2.72		5	U	--	
	MW-09-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	7.58		5	U	--	
	MW-09-111220	11/12/2020	µg/L	8.83		87.0		429		1,450		1	U	1	U	33.0		--	
	MW-09-032621	3/26/2021	µg/L	12.1		310		700		2,440		1	U	1	U	49.2		--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
			RBSL ^a : µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-09B	MW-09B-120717	12/7/2017	µg/L	21.8	24.7	82.1	179	1	U	4.72	11.9	--						
	MW-09B-030718	3/7/2018	µg/L	4.36	4.50	18.1	33.3	1	U	1.37	5	U	--					
	MW-09B-060618	6/6/2018	µg/L	17.1	16.5	66.5	139	1	U	3.61	8.09	--						
	MW-09B-091318	9/13/2018	µg/L	1	U	1	U	5.90	4.44	1	U	1	U	5	U	--		
	MW-09B-120618	12/6/2018	µg/L	2.19	2.14	8.22	16.8	1	U	1	U	5	U	--				
	MW-09B-030719	3/7/2019	µg/L	13.2	13.7	51.1	110	1	U	2.46	6.54	--						
	MW-09B-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	5	U	--		
	MW-09B-091819	9/18/2019	µg/L	3.08	3.04	11.4	22.6	1	U	1	U	5	U	--				
	MW-09B-121819	12/18/2019	µg/L	4.11	4.57	16.8	34.2	1	U	1	U	5	U	--				
	MW-09B-031320	3/13/2020	µg/L	1	U	1	U	1.25	3	U	1	U	5	U	--			
	MW-09B-070720	7/7/2020	µg/L	2.66	2.42	10.5	19.1	1	U	1	U	5	U	--				
	MW-09B-111220	11/12/2020	µg/L	2.83	2.71	10.4	20.5	1	U	1	U	5	U	--				
	MW-09B-032621	3/26/2021	µg/L	1	U	1	U	1	U	4.63	1	U	1	U	5	U	--	
MW-10	MW-10-072815	7/28/2015	µg/L	5	U ^b	5	U	5	U	10	U	5	U ^b	5	U	0.019	U	
	MW-10-012616	1/26/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	0.019	U	
	MW-10-120616	12/6/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	--		
	MW-10-050317	5/3/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-062917	6/29/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-071717	7/17/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-080117	8/1/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-100417	10/4/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-110817	11/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-120717	12/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-010918	1/9/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-020618	2/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-040618	4/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-050318	5/3/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-071318	7/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-10	MW-10-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-10-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
		RBSL^a:	µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-10	MW-10-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-10-031320	3/13/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	7/6/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	MW-10-032621	3/26/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-11	--	7/27/2015	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	MW-11-012616	1/26/2016	µg/L	10,600		948		24,400		4,700		10	U ^b	432		123		0.019	U
	--	11/28/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-11-062817	6/28/2017	µg/L	10,900		2,140		29,600		11,700		100	U ^b	147		500	U ^b	--	
	--	9/5/2017	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	12/4/2017	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	3/5/2018	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	6/4/2018	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	9/10/2018	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	12/3/2018	--	NS-PS		NS-PS		NS-PS		NS-PS		NS-PS		NS-PS		NS-PS		NS-PS	
	MW-11-030619	3/6/2019	µg/L	8,260		1,990		30,300		11,900		200	U ^b	200	U ^b	1,000	U ^b	--	
	MW-11-060519	6/5/2019	µg/L	6,940		1,660		22,500		9,020		200	U ^b	200	U ^b	1,000	U ^b	--	
	MW-11-091919	9/19/2019	µg/L	7,950		2,570		33,700		14,300		500	U ^b	500	U ^b	2,500	U ^b	--	
	--	12/16/2019	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	MW-11-021820	2/18/2020	µg/L	4,790		2,170		29,200		12,600		500	U ^b	500	U ^b	2,500	U ^b	--	
	MW-11-031220	3/12/2020	µg/L	6,220		2,790		31,700		16,000		250	U ^b	250	U ^b	1,250	U ^b	--	
	--	5/4/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	MW-11-070820	7/8/2020	µg/L	4,540		2,210		30,300		13,900		250	U ^b	250	U ^b	1,250	U ^b	--	
	MW-11-091620	9/16/2020	µg/L	4,470		2,900		29,800		16,900		250	U ^b	250	U ^b	1,250	U ^b	--	
	MW-11-111120	11/11/2020	µg/L	2,990		1,720		16,300		9,660		250	U ^b	250	U ^b	1,250	U ^b	--	
	MW-11-012021	1/20/2021	µg/L	2,600		2,600		16,400		14,400		250	U ^b	250	U ^b	1,250	U ^b	--	
	MW-11-032521	3/25/2021	µg/L	3,300		2,320		11,300		12,600		250	U ^b	250	U ^b	1,250	U ^b	--	
MW-12	MW-12-072815	7/28/2015	µg/L	51.3		5	U	22.9		39.2		5	U ^b	5	U	5	U	0.02	U
	--	1/19/2016	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	11/28/2016	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	3/13/2017	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	3/20/2017	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	3/31/2017	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	4/6/2017	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	MW-12-062817	6/28/2017	µg/L	1,190		467		7,910		5,100		50	U ^b	50	U ^b	250	U ^b	--	
	MW-12-090817	9/8/2017	µg/L	648		436		3,470		4,440		100	U ^b	100	U ^b	500	U ^b	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte												
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB					
			RBSL ^a : µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05					
MW-12	MW-12-120617	12/6/2017	µg/L	367	137	1,540	4,660	10	U ^b	10	U	54.4				
	MW-12-030818	3/8/2018	µg/L	486	25.2	1,880	1,980	10	U ^b	10	U	50	U ^b			
	MW-12-060518	6/5/2018	µg/L	16.3	2.51	181	249	1	U	1	U	5	U			
	MW-12-091118	9/11/2018	µg/L	1	1	1	3	1	U	1	U	5	U			
	MW-12-120518	12/5/2018	µg/L	5.81	2.75	9.08	72.0	1	U	1	U	5	U			
	MW-12-030619	3/6/2019	µg/L	1	1	3.94	4.86	1	U	1	U	5	U			
	MW-12-060519	6/5/2019	µg/L	1	1	1	3	1	U	1	U	5	U			
	MW-12-091919	9/19/2019	µg/L	1	1	1	3	1	U	1	U	5	U			
	MW-12-121719	12/17/2019	µg/L	1	1	1	3	1	U	1	U	5	U			
	MW-12-031020	3/10/2020	µg/L	1	1	1	3	1	U	1	U	5	U			
	MW-12-070820	7/8/2020	µg/L	1	1	1	3	1	U	1	U	5	U			
	MW-12-111220	11/12/2020	µg/L	1	1	1	3	1	U	1	U	5	U			
	MW-12-032521	3/25/2021	µg/L	1	1	1	3	1	U	1	U	5	U			
MW-12B	MW-12B-012616	1/26/2016	µg/L	228	31.4	193	532	1	U	5.40		14.6		0.019	U	
	MW-12B-113016	11/30/2016	µg/L	1	1	1	1	1	U	1	U	1	U			
	MW-12B-031417	3/14/2017	µg/L	1	1	1	3	1	U	1	U	5	U			
	MW-12B-032017	3/20/2017	µg/L	1	1	1	3	1	U	1	U	5	U			
	MW-12B-033117	3/31/2017	µg/L	1	1	1	3	1	U	1	U	5	U			
	MW-12B-040617	4/6/2017	µg/L	1	1	1	3	1	U	1	U	5	U			
	MW-12B-062817	6/28/2017	µg/L	30.1	1	7.28	14.3	1	U	11.8		5	U			
	MW-12B-090817	9/8/2017	µg/L	126	3.81	16.8	256	1	U	1	U	12.0				
	MW-12B-120617	12/6/2017	µg/L	1.01	1	1	3	1	U	1	U	5	U			
	MW-12B-030818	3/8/2018	µg/L	3.06	1	1	3	1	U	1	U	5	U			
	MW-12B-060518	6/5/2018	µg/L	275	58.7	20.9	171	1	U	1	U	22.5				
	MW-12B-091118	9/11/2018	µg/L	246	39.8	2.87	68.0	1	U	1	U	18.7				
	MW-12B-120518	12/5/2018	µg/L	240	57.7	29.5	160	1	U	1	U	17.7				
	MW-12B-030619	3/6/2019	µg/L	309	70.4	19.6	201	1	U	1	U	36.7				
	MW-12B-060519	6/5/2019	µg/L	88.4	38.0	5	15.2	5	U	5	U	25	U			
	MW-12B-082219	8/22/2019	µg/L	27.0	3.54	1	3	1	U	1	U	5.94				
	MW-12B-091919	9/19/2019	µg/L	23.1	2.33	1	3	1	U	1	U	5	U			
	MW-12B-110619	11/6/2019	µg/L	2.73	1	1	3	1	U	1	U	5	U			
	MW-12B-122019	12/20/2019	µg/L	1.09	1	1	3	1	U	1	U	5	U			
	MW-12B-021120	2/11/2020	µg/L	64.9	22.9	3.75	74.6	1	U	1	U	23.1				
	MW-12B-031220	3/12/2020	µg/L	22.6	1	1.27	6.05	1	U	1	U	8.14				
	MW-12B-050620	5/6/2020	µg/L	23.9	1	1	3	1	U	1		9.01				
	MW-12B-070820	7/8/2020	µg/L	10.7	1	1	3	1	U	1		6.58				

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
			RBSL ^a : µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-12B	MW-12B-091620	9/16/2020	µg/L	19.5	1.38	2.81	4.89	1	U	1	U	6.53		--				
	MW-12B-111220	11/12/2020	µg/L	5.65	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-12B-012021	1/20/2021	µg/L	3.89	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-12B-032521	3/25/2021	µg/L	4.50	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-13	--	7/27/2015	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	MW-13-012816	1/28/2016	µg/L	2.00	1	U	12.5	6.90	1	U	1	U	1	U	1	U	0.02	U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	MW-13-062917	6/29/2017	µg/L	1.18	1	U	3.39	3	U	1	U	1	U	5	U	--		
	--	9/5/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	12/4/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	MW-13-030618	3/6/2018	µg/L	6.98	1.14	15.3	4.55	1	U	1	U	5	U	--				
	MW-13-060618	6/6/2018	µg/L	44.2	4.25	86.2	19.9	1	U	1	U	5	U	--				
	--	9/10/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	MW-13-120718	12/7/2018	µg/L	83.4	9.62	158	23.6	1	U	1	U	5	U	--				
	MW-13-030619	3/6/2019	µg/L	326	10.9	132	120	1	U	1	U	5	U	--				
	MW-13-060519	6/5/2019	µg/L	35.2	5	U	5	U	19.6	5	U	5	U	25	U	--		
	--	9/16/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	12/16/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	MW-13-031120	3/11/2020	µg/L	1000	4.59	30.5	23.3	1	U	133		6.17	J	--				
	--	5/4/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS		
	MW-13-070820	7/8/2020	µg/L	13,400	1,310	29,600	7,750	50	U ^b	50	U ^b	250	U ^b	--				
	MW-13-091520	9/15/2020	µg/L	4,510	349	380	1,710	50	U ^b	50	U ^b	250	U ^b	--				
	--	11/10/2020	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	MW-13-012021	1/20/2021	µg/L	288	39.8	18.1	454	10	U ^b	10	U	50	U ^b	--				
	MW-13-032621	3/26/2021	µg/L	209	10	U	65.1	147	10	U ^b	10	U	50	U ^b	--			
MW-13B	MW-13B-012816	1/28/2016	µg/L	367	1	U	5.60	59.5	1	U	119		1	U	0.02	U		
	MW-13B-113016	11/30/2016	µg/L	550	5.10	21.2	140	5	U ^b	158		7.90		--				
	MW-13B-062817	6/28/2017	µg/L	308	3.09	10.3	103	1	U	121		5.13		--				
	MW-13B-090817	9/8/2017	--	NS-SL	NS-SL	NS-SL	NS-SL	NS-SL	NS-SL	NS-SL	NS-SL	NS-SL	NS-SL	NS-SL	NS-SL	NS-SL		
	MW-13B-110817	11/8/2017	µg/L	325	3.42	19.0	91.6	1	U	173		5.55		--				
	MW-13B-120617	12/6/2017	µg/L	269	3.97	24.4	100	1	U	140		8.83		--				
	MW-13B-030718	3/7/2018	µg/L	252	3.13	12.1	60.2	1	U	175		6.44		--				
	MW-13B-060618	6/6/2018	µg/L	498	47.7	469	282	1	U	148		8.47		--				
	MW-13B-091218	9/12/2018	µg/L	402	42.5	503	271	1	U	141		5	U	--				
	MW-13B-120618	12/6/2018	µg/L	614	93.5	823	516	1	U	139		10.8		--				
	MW-13B-030619	3/6/2019	µg/L	445	53.1	679	383	1	U	143		8.60		--				

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
			RBSL^a:	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-13B	MW-13B-060519	6/5/2019	µg/L	195	25.3	302	194	5	U	140	25	U	--						
	MW-13B-091819	9/18/2019	µg/L	408	71.2	325	446	1	U	142	14.0		--						
	MW-13B-121819	12/18/2019	µg/L	257	18.0	166	155	1	U	132	5.60		--						
	MW-13B-021820	2/18/2020	µg/L	1,320	5	U	52.3	21.1	5	U	115	250	U ^b	--					
	MW-13B-031120	3/11/2020	µg/L	4,690	217		8,870	1,530	20	U ^b	20	U	100	U ^b	--				
	MW-13B-050620	5/6/2020	µg/L	991	41.8	106	293	5	U	145	25	U	--						
	MW-13B-070920	7/9/2020	µg/L	2,170	50	U	55.6	150	U	50	U ^b	192	250	U ^b	--				
	MW-13B-091820	9/18/2020	µg/L	3,270	52.1	69.7	150	U	50	U ^b	199	250	U ^b	--					
	MW-13B-111220	11/12/2020	µg/L	2,000	56.3	67.6	150	U	50	U ^b	178	250	U ^b	--					
	MW-13B-012021	1/20/2021	µg/L	1,210	50	U	51.5	150	U	50	U ^b	157	250	U ^b	--				
	MW-13B-032621	3/26/2021	µg/L	1,060	50	U	67.5	152	50	U ^b	186	250	U ^b	--					
MW-14	MW-14-072815	7/28/2015	µg/L	5	U ^b	5	U	5	U	10	U	5	U ^b	5	U	5	U	0.02	U
	MW-14-012816	1/28/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.019	U
	MW-14-113016	11/30/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	--	
	MW-14-062817	6/28/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-14-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-14-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-14-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-14-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-14-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-14-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-14-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-14-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-14-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	2.02		5	U	--	
	MW-14-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	6.65		5	U	--	
	MW-14-031120	3/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-14-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1.03		5	U	--	
	MW-14-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	3.22		5	U	--	
	MW-14-032621	3/26/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-14B-052516	5/25/2016	µg/L	5.00	1	U	1	U	4.40	1	U	17.2	1	U	0.02	U			
	MW-14B-113016	11/30/2016	µg/L	10.5	1	U	1.10	5.50	1	U	19.7	1	U	--					
	MW-14B-062817	6/28/2017	µg/L	38.1	1.34	2.56	19.1	1	U	36.2	5	U	--						
	MW-14B-090817	9/8/2017	µg/L	6.81	1	U	1	U	6.67	1	U	18.7	5	U	--				
	MW-14B-120617	12/6/2017	µg/L	8.82	1	U	1	U	6.91	1	U	24.4	5	U	--				
	MW-14B-030718	3/7/2018	µg/L	3.57	1	U	1	U	5.60	1	U	9.28	5	U	--				
	MW-14B-060418	6/6/2018	µg/L	8.63	1	U	1	U	5.77	1	U	22.1	5	U	--				

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
			RBSL^a:	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-14B	MW-14B-091218	9/12/2018	µg/L	3.32	1	U	1	U	3.61	1	U	7.86	5	U	--			
	MW-14B-120618	12/6/2018	µg/L	3.56	1	U	1.40		6.34	1	U	6.56	5	U	--			
	MW-14B-030619	3/6/2019	µg/L	2.70	1	U	1	U	3	U	1	U	8.83	5	U	--		
	MW-14B-060519	6/5/2019	µg/L	9.13	1	U	1.01		6.57	1	U	17.7	5	U	--			
	MW-14B-091819	9/18/2019	µg/L	1.74	1	U	1	U	4.57	1	U	11.1	5	U	--			
	MW-14B-121819	12/18/2019	µg/L	5.69	1	U	1	U	4.86	1	U	10.7	5	U	--			
	MW-14B-031120	3/11/2020	µg/L	12.8	1	U	1	U	3.38	1	U	11.7	5	U	--			
	MW-14B-070820	7/8/2020	µg/L	14.6	1	U	1	U	3.63	1	U	12.3	5	U	--			
	MW-14B-111220	11/12/2020	µg/L	1	U	1	U	1	3	U	1	U	6.63	5	U	--		
	MW-14B-032621	3/26/2021	µg/L	18.3	1	U	1	U	3.50	1	U	10.6	5	U	--			
MW-15	MW-15-080415	8/4/2015	µg/L	5	U ^b	5	U	5	10	U	5	U ^b	5	U	5	U	0.019	U
	MW-15-012816	1/28/2016	µg/L	1	U	1	U	1	2	U	1	U	1	U	1	U	0.02	U
	MW-15-120716	12/7/2016	µg/L	3,680		139		422	2,280		25	U ^b	188		43.8		--	
	MW-15-031417	3/14/2017	µg/L	1,960		72.1		324	1,320		25	U ^b	161		125	U ^b	--	
	MW-15-032017	3/20/2017	µg/L	3,390		103		505	2,460		50	U ^b	194		250	U ^b	--	
	MW-15-033117	3/31/2017	µg/L	2,850		65.4		444	1,860		20	U ^b	221		100	U ^b	--	
	MW-15-040617	4/6/2017	µg/L	1,790		60.6		465	886		25	U ^b	181		125	U ^b	--	
	MW-15-062817	6/28/2017	µg/L	72.7		25	U	28.8	110		25	U ^b	91.8		125	U ^b	--	
	MW-15-090817	9/8/2017	µg/L	454		24.0		567	338		5	U ^b	193		25	U ^b	--	
	MW-15-120617	12/6/2017	µg/L	1	U	1	U	1.60	4.64		1	U	140		5	U	--	
	MW-15-030818	3/8/2018	µg/L	53.1		2.75		89.9	53.1		1	U	85.0		5	U	--	
	MW-15-060618	6/6/2018	µg/L	52.2		4.11		81.4	46.5		1	U	63.8		5	U	--	
	MW-15-091218	9/12/2018	µg/L	14.6		1	U	27.9	16.0		1	U	72.2		5	U	--	
	MW-15-120618	12/6/2018	µg/L	1	U	1	U	1	3	U	1	U	15.9		5	U	--	
	MW-15-030619	3/6/2019	µg/L	1	U	1	U	1	3	U	1	U	2.57		5	U	--	
	MW-15-060519	6/5/2019	µg/L	1.03		1	U	1	3	U	1	U	4.33		5	U	--	
	MW-15-091919	9/19/2019	µg/L	1.25		1	U	1	3	U	1	U	4.73		5	U	--	
	MW-15-121819	12/18/2019	µg/L	1	U	1	U	1	3	U	1	U	3.33		5	U	--	
	MW-15-031020	3/10/2020	µg/L	1	U	1	U	1	3	U	1	U	4.19		5	U	--	
	MW-15-070820	7/8/2020	µg/L	1	U	1	U	1	3	U	1	U	1	U	5	U	--	
	MW-15-111220	11/12/2020	µg/L	1	U	1	U	1	3	U	1	U	2.41		5	U	--	
	MW-15-032521	3/25/2021	µg/L	1	U	1	U	1	3	U	1	U	1.35		5	U	--	
MW-15B	MW-15B-080415	8/4/2015	µg/L	5	U ^b	5	U	5	10	U	5	U ^b	5	U	5	U	0.019	U
	MW-15B-012816	1/28/2016	µg/L	4.80		1	U	2.00	3.90		1	U	1	U	1	U	0.02	U
	MW-15B-113016	11/30/2016	µg/L	337		34.0		565	194		5	U ^b	26.7		5		--	
	MW-15B-031417	3/14/2017	µg/L	2,160		248		4,580	1,500		100	U ^b	118		500	U ^b	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte											
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB				
			RBSL ^a : µg/L	5.0	700	1,000	10,000	5.0		40	25	0.05			
MW-15B	MW-15B-032017	3/20/2017	µg/L	615	88.6	1,270	555	25	U ^b	67.5	125	U ^b	--		
	MW-15B-033117	3/31/2017	µg/L	1,630	205	3,240	1,180	50	U ^b	115	250	U ^b	--		
	MW-15B-040617	4/6/2017	µg/L	1,020	132	2,020	789	25	U ^b	84.7	125	U ^b	--		
	MW-15B-062817	6/28/2017	µg/L	1,510	145	3,520	1,280	100	U ^b	100	500	U ^b	--		
	MW-15B-090817	9/8/2017	µg/L	1,820	164	3,560	1,210	50	U ^b	133	250	U ^b	--		
	MW-15B-120617	12/6/2017	µg/L	1,760	239	3,630	1,380	1	U	135	37.6		--		
	MW-15B-030818	3/8/2018	µg/L	1,290	151	3,140	1,070	25	U ^b	93.2	125	U ^b	--		
	MW-15B-060618	6/6/2018	µg/L	968	82.8	1,990	791	1	U	109	12.8		--		
	MW-15B-091218	9/12/2018	µg/L	947	122	2,270	820	1	U	111	15.9		--		
	MW-15B-120618	12/6/2018	µg/L	725	96.4	1,890	777	1	U	71.8	11.7		--		
	MW-15B-021919	2/19/2019	µg/L	686	71.2	1,420	621	1	U	92.3	12.6		--		
	MW-15B-030619	3/6/2019	µg/L	729	78.3	1,580	649	1	U	91.2	15.4		--		
	MW-15B-051519	5/15/2019	µg/L	721	118	1,180	526	1	U	96.6	19.5		--		
	MW-15B-060519	6/5/2019	µg/L	590	48.4	1,090	492	10	U ^b	98.0	50	U ^b	--		
	MW-15B-082219	8/22/2019	µg/L	2,340	200	U	3,060	1,440	1	U	139	33.5	--		
	MW-15B-091919	9/19/2019	µg/L	3,870	260		3,920	2,720	100	U ^b	188	500	U ^b	--	
	MW-15B-110619	11/6/2019	µg/L	135	9.77	105	101	1	U	8.82	5	U	--		
	MW-15B-122019	12/20/2019	µg/L	4,200	238	2,690	2,260	10	U ^b	212	50	U ^b	--		
	MW-15B-021320	2/13/2020	µg/L	4,680	212	1,830	2,080	10	U ^b	208	57.8		--		
	MW-15B-031120	3/11/2020	µg/L	4,380	211	1,620	2,080	100	U ^b	260	500	U ^b	--		
	MW-15B-050620	5/6/2020	µg/L	2,510	136	1,050	1,630	20	U ^b	167	100	U ^b	--		
	MW-15B-072220	7/22/2020	µg/L	4,130	201	1,270	2,090	20	U ^b	206	100	U ^b	--		
	MW-15B-091820	9/18/2020	µg/L	6,310	327	1,670	2,560	200	U ^b	200	U ^b	1000	U ^b	--	
	MW-15B-111220	11/12/2020	µg/L	4,230	237	1,130	2,180	200	U ^b	200	U ^b	1000	U ^b	--	
	MW-15B-012021	1/20/2021	µg/L	3,750	200	U	995	1,830	200	U ^b	200	U ^b	1000	U ^b	--
	MW-15B-032521	3/25/2021	µg/L	2,100	50	U	385	1,230	50	U ^b	148	250	U ^b	--	
MW-16	--	7/27/2015	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	1/19/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	11/28/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	MW-16-062917	6/29/2017	µg/L	12,900	1,770	36,400	12,500	500	U ^b	1,740	2,500	U ^b	--		
	--	9/5/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	12/7/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	MW-16-030718	3/7/2018	µg/L	130	295	1,370	2,470	10	U ^b	132	618		--		
	--	6/4/2018	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	MW-16-091318	9/13/2018	µg/L	150	200	2,100	2,730	1	U	21.5	635		--		
	MW-16-120618	12/6/2018	µg/L	10.3	38.7	132	398	5	U	5	U	460	--		

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte											
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB				
			RBSL^a:	5.0	700	1,000	10,000	5.0	40	25	0.05				
MW-16	MW-16-030719	3/7/2019	µg/L	9.06	15.7	74.1	186	1	U	1.02	398	--			
	MW-16-060419	6/4/2019	µg/L	9.56	15.4	78.9	162	1.06		1	U	192	--		
	MW-16-091819	9/18/2019	µg/L	8.36	5.80	73.9	118	1	U	1	U	132	--		
	MW-16-121819	12/18/2019	µg/L	1	U	1.88	14.3	58.6	1	U	1	U	15.9	--	
	MW-16-031320	3/13/2020	µg/L	1	U	1	U	1.02	3	U	1	U	5	U	
	--	7/6/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	
	--	11/10/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	
	--	3/23/2021	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-17	--	7/27/2015	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	1/19/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	3/13/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	3/20/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	3/31/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	4/6/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	6/26/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	9/5/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	12/4/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	3/5/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	6/4/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	9/10/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	12/3/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	MW-17-030519	3/5/2019	µg/L	173	19.9	118	474	1	U	27.9	5	U	--		
	MW-17-060519	6/5/2019	µg/L	44.9	5	U	10.7	87.1	5	U	16.1	25	U	--	
	--	9/16/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	--	12/16/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	MW-17-031320	3/13/2020	µg/L	1.23	1	U	1	U	3	U	1	U	1	U	
	MW-17-070720	7/7/2020	µg/L	2.21	1	U	1.44	5.46	1	U	1	U	5	U	
	--	11/10/2020	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	MW-17-032421	3/24/2021	µg/L	56.9	2.97	6.15	22.4	1	U	1.48	5	U	--		
MW-17B	MW-17B-030116	3/1/2016	µg/L	6,480	488	11,900	2,870	5		742	104		0.019	U	
	MW-17B-120116	12/1/2016	µg/L	9,370	761	16,900	4,500	100	U ^b	954	112		--		
	MW-17B-031317	3/13/2017	µg/L	7,350	770	14,100	4,510	200	U ^b	944	1,000	U ^b	--		
	MW-17B-032017	3/20/2017	µg/L	10,700	1,360	21,400	7,910	323		1,210	1,000	U ^b	--		
	MW-17B-033117	3/31/2017	µg/L	9,190	900	17,500	5,910	100	U ^b	1,200	500	U ^b			
	MW-17B-040617	4/6/2017	µg/L	7,780	833	14,900	5,330	200	U ^b	991	1,000	U ^b	--		
	MW-17B-062817	6/28/2017	µg/L	11,200	704	21,600	5,650	200	U ^b	1,150	1,000	U ^b	--		

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte									
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB		
		RBSL^a:	µg/L	5.0	700	1,000	10,000	5.0		40		25	0.05
MW-17B	MW-17B-090817	9/8/2017	µg/L	11,400	1,240	23,900	8,460	20	U ^b	1,330		201	--
	MW-17B-120717	12/7/2017	µg/L	10,600	1,060	14,900	9,210	10	U ^b	1,140		178	--
	MW-17B-030718	3/7/2018	µg/L	8,830	1,110	20,200	8,220	50	U ^b	960		250	U ^b --
	MW-17B-060718	6/7/2018	µg/L	8,910	1,250	20,200	9,130	20	U ^b	1,230		206	--
	MW-17B-080218	8/2/2018	µg/L	9,470	1,190	23,200	8,530	200	U ^b	863		1,000	U ^b --
	MW-17B-091118	9/11/2018	µg/L	8,180	1,370	20,200	9,660	50	U ^b	832		250	U ^b --
	MW-17B-110218	11/2/2018	µg/L	7,770	1,080	12,700	7,380	20	U ^b	841		113	--
	MW-17B-120518	12/5/2018	µg/L	6,860	1,010	24,400	8,550	50	U ^b	690		250	U ^b --
	MW-17B-021919	2/19/2019	µg/L	7,810	1,140	20,200	8,330	1	U	410		181	--
	MW-17B-030519	3/5/2019	µg/L	8,360	1,370	22,400	9,180	50	U ^b	308		261	--
	MW-17B-051419	5/14/2019	µg/L	7,320	1,040	18,500	8,370	25	U ^b	256		201	--
	MW-17B-060519	6/5/2019	µg/L	7,390	1,220	16,600	8,370	200	U ^b	312		1,000	U ^b --
	MW-17B-082219	8/22/2019	µg/L	7,700	1,570	17,600	9,110	5	U	335		201	--
	MW-17B-091919	9/19/2019	µg/L	7,700	833	12,000	8,740	10	U ^b	665		195	--
	MW-17B-110719	11/7/2019	µg/L	7,080	1,080	8,130	6,130	500	U ^b	500	U ^b	2,500	U ^b --
	MW-17B-121919	12/19/2019	µg/L	6,960	981	7,590	5,170	5	U	582		184	--
	MW-17B-021220	2/12/2020	µg/L	5,800	1,100	11,400	7,360	100	U ^b	372		500	U ^b --
	MW-17B-031220	3/12/2020	µg/L	6,600	1,230	12,800	8,550	250	U ^b	417		1,250	U ^b --
	--	--	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		NS-FP		NS-FP	NS-FP
	MW-17B-072220	7/22/2020	µg/L	8,180	1,750	22,800	11,200	250	U ^b	250	U ^b	1,250	U ^b --
	MW-17B-091620	9/16/2020	µg/L	6,130	1,450	15,300	9,710	250	U ^b	250	U ^b	1,250	U ^b --
	MW-17B-111120	11/11/2020	µg/L	4,020	538	2,590	3,960	100	U ^b	326		500	U ^b --
	MW-17B-012021	1/20/2021	µg/L	5,320	726	3,790	5,150	100	U ^b	341		500	U ^b --
	MW-17B-032521	3/25/2021	µg/L	4,660	906	3,590	5,810	100	U ^b	263		500	U ^b --
MW-18	--	7/27/2015	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		NS-FP		NS-FP	NS-FP
	--	1/19/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		NS-FP		NS-FP	NS-FP
	--	11/28/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		NS-FP		NS-FP	NS-FP
	--	6/26/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		NS-FP		NS-FP	NS-FP
	--	9/5/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		NS-FP		NS-FP	NS-FP
	--	12/4/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		NS-FP		NS-FP	NS-FP
	--	3/5/2018	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		NS-FP		NS-FP	NS-FP
	--	6/4/2018	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		NS-FP		NS-FP	NS-FP
	--	9/11/2018	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		NS-FP		NS-FP	NS-FP
	--	12/3/2018	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		NS-FP		NS-FP	NS-FP
	MW-18-030719	3/7/2019	µg/L	2.47	8.16	60.4	141	1	U	13.5		72.7	--
	MW-18-060419	6/4/2019	µg/L	1.46	2.92	20.9	42.0	2.36		13.6		87.5	--

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte													
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB						
			RBSL^a:	5.0	700	1,000	10,000	5.0	40	25	0.05						
MW-18	MW-18-091819	9/18/2019	µg/L	1	U	1.30	10.7	37.4	1	U	15.4	48.7	--				
	MW-18-121819	12/18/2019	µg/L	1	U	1.61	6.60	17.8	1.42		3.93	9.59	--				
	MW-18-031320	3/13/2020	µg/L	1	U	1	U	1.15	14.7	1	U	7.16	6.21	J			
	MW-18-070720	7/7/2020	µg/L	1	U	1	U	1.85	8.84	1	U	8.53	29.8	--			
	MW-18-111220	11/12/2020	µg/L	2.12		2.07		6.04	22.8	1	U	12.5	10.2	--			
	MW-18-032621	3/26/2021	µg/L	1.18		1	U	4.35	9.70	1	U	17.1	34.1	--			
MW-19	--	7/27/2015	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP			
	MW-19-012116	1/21/2016	µg/L	22.8		18.5		256	437	1	U	1	U	10.7	0.02	U	
	--	11/28/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW			
	--	3/13/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW			
	--	3/20/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW			
	--	3/31/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW			
	MW-19-040617	4/6/2017	µg/L	9,810		1,030		25,000	10,300	250	U ^b	250	U ^b	1,250	U ^b	--	
	MW-19-062917	6/29/2017	µg/L	9,410		683		27,200	9,580	200	U ^b	320		1,000	U ^b	--	
	--	9/5/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	12/4/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	3/5/2018	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-19-060618	6/6/2018	µg/L	8.15		149		385	1,260	1.53		1	U	250	U ^b	--	
	MW-19-071318	7/13/2018	µg/L	1	U	1	U	1	3	U	1	U	1	U	5	U	--
	MW-19-091318	9/13/2018	µg/L	3.31		3.53		16.0	96.5	1	U	1	U	6.55		--	
	MW-19-120518	12/5/2018	µg/L	5	U	8.23		13.7	217	5	U	5	U	25	U	--	
	MW-19-030519	3/5/2019	µg/L	5	U	33.1		19.4	756	5	U	5	U	294		--	
	MW-19-060519	6/5/2019	µg/L	5	U	5	U	5	30.4	5	U	5	U	25	U	--	
	--	9/16/2019	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-19-121719	12/17/2019	µg/L	1	U	1.23		6.08	56.1	1	U	1	U	13.1		--	
	MW-19-031220	3/12/2020	µg/L	1	U	1	U	1	35.1	1	U	1	U	68.4		--	
	MW-19-070720	7/7/2020	µg/L	1	U	1	U	1	3	U	1	U	1	U	5	U	--
	MW-19-111120	11/11/2020	µg/L	3.98		7.87		74.4	252	1	U	1	U	32.2		--	
	MW-19-032421	3/24/2021	µg/L	1	U	1	U	2.56	22.7	1	U	1	U	14.1		--	
MW-20	--	7/27/2015	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	1/19/2016	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	11/28/2016	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	3/13/2017	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	3/20/2017	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	3/31/2017	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	
	--	4/6/2017	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
			RBSL^a:	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-20	--	5/4/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	6/26/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	7/17/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	8/1/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	9/5/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	10/4/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	11/8/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	12/4/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	1/8/2018	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	2/6/2018	--	NS-OL	NS-OL	NS-OL	NS-OL	NS-OL	NS-OL	NS-OL	NS-OL	NS-OL	NS-OL	NS-OL	NS-OL	NS-OL	NS-OL		
	--	3/6/2018	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	4/6/2018	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	5/3/2018	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	6/4/2018	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	MW-20-071218	7/12/2018	µg/L	5,740	1,350	18,100	14,500	100	U ^b	351	500	U ^b	--						
	--	9/10/2018	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	12/3/2018	--	NS-PS	NS-PS	NS-PS	NS-PS	NS-PS	NS-PS	NS-PS	NS-PS	NS-PS	NS-PS	NS-PS	NS-PS	NS-PS	NS-PS		
	MW-20-021919	2/19/2019	µg/L	6,650	1,080	13,900	11,700	5	U	128	341	--							
	MW-20-030519	3/5/2019	µg/L	9,480	1,320	19,200	10,800	100	U ^b	187	500	U ^b	--						
	MW-20-051519	5/15/2019	µg/L	4,180	758	8,970	7,620	100	U ^b	105	636	--							
	MW-20-060519	6/5/2019	µg/L	11,200	1,460	22,800	10,200	50	U ^b	174	437	--							
	MW-20-082019	8/20/2019	µg/L	7,920	1,160	15,900	10,300	100	U ^b	238	500	U ^b	--						
	--	9/16/2019	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	--	11/4/2019	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP		
	MW-20-121719	12/17/2019	µg/L	9,710	1,600	28,500	10,000	100	U ^b	100	U ^b	500	U ^b	--					
	MW-20-021220	2/12/2020	µg/L	7,420	1,410	24,200	8,710	200	U ^b	200	U ^b	1000	U ^b	--					
	MW-20-031220	3/12/2020	µg/L	6,790	1,360	20,100	9,680	250	U ^b	250	U ^b	1250	U ^b	--					
	--	5/4/2020	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
	MW-20-070920	7/9/2020	µg/L	8,310	1,770	25,900	10,700	250	U ^b	250	U ^b	1250	U ^b	--					
	MW-20-091620	9/16/2020	µg/L	8,370	1,530	23,900	9,940	250	U ^b	250	U ^b	1250	U ^b	--					
	MW-20-111120	11/11/2020	µg/L	4,610	1,230	12,900	9,030	250	U ^b	250	U ^b	1250	U ^b	--					
	MW-20-012021	1/20/2021	µg/L	3,070	897	10,900	8,620	250	U ^b	250	U ^b	1250	U ^b	--					
	MW-20-032421	3/24/2021	µg/L	4,730	1,270	13,100	11,200	250	U ^b	250	U ^b	1250	U ^b	--					
MW-21	MW-21-072715	7/27/2015	µg/L	5	U ^b	5	U	5	U	10	U	5	U ^b	5	U	5	U	0.02	U
	MW-21-012116	1/21/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.02	U
	MW-21-112916	11/29/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	--	
	MW-21-031417	3/14/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
RBSL ^a :			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-21	MW-21-032117	3/21/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-033117	3/31/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-040617	4/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-062817	6/28/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-120717	12/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-060718	6/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-091118	9/11/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-030519	3/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-121719	12/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-031220	3/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	2.77		5	U	--	
	MW-21-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1.20		5	U	--	
	MW-21-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-21-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	UJ	2.15		5	U	--	
MW-22	--	7/27/2015	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-22-012116	1/21/2016	µg/L	19.8		3.40		47.2		37.4		1	U	1	U	1	U	0.02	U
	--	11/28/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	5/3/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-22-062917	6/29/2017	µg/L	234		10	U	125		30	U	10	U ^b	10	U	50	U ^b	--	
	--	7/17/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	8/1/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	9/5/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	10/4/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	11/8/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	12/4/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	1/8/2018	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	2/6/2018	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-22-030618	3/6/2018	µg/L	1	U	1	U	1.03		3	U	1	U	1	U	5	U	--	
	MW-22-040618	4/6/2018	µg/L	1	U	1	U	1.76		46.6		1	U	1	U	5	U	--	
	MW-22-050318	5/3/2018	µg/L	1.43		1.79		33.1		426		1	U	1	U	1	U	--	
	MW-22-060518	6/5/2018	µg/L	1	U	1	U	4.27		41.6		1	U	1	U	5	U	--	
	MW-22-071218	7/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
 Lewis Drive Remediation Site, Belton, South Carolina
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
			RBSL^a:	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-22	MW-22-091318	9/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-22-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-22-030519	3/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-22-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	9/16/2019	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-22-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-22-031220	3/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-22-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	11/10/2020	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-22-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-23	MW-23-072715	7/27/2015	µg/L	5	U ^b	5	U	7.50		10	U	5	U ^b	5	U	5	U	0.02	U
	MW-23-012016	1/20/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.019	U
	MW-23-120216	12/2/2016	µg/L	450		5	U	14.6		336		5	U ^b	46.4		5.90		--	
	MW-23-031317	3/13/2017	µg/L	709		5	U	23.1		548		5	U ^b	127		25	U ^b	--	
	MW-23-032017	3/20/2017	µg/L	642		10	U	12.7		579		10	U ^b	108		50	U ^b	--	
	MW-23-033117	3/31/2017	µg/L	685		10	U	16.5		624		10	U ^b	130		50	U ^b	--	
	MW-23-040617	4/6/2017	µg/L	432		1	U	6.61		254		1	U	76.5		5	U	--	
	MW-23-062817	6/28/2017	µg/L	131		10	U	10	U	117		10	U ^b	19.1		5	U	--	
	MW-23-071717	7/17/2017	µg/L	1.20		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-23-080117	8/1/2017	µg/L	132		1	U	6.18		252		1	U	48.1		5	U	--	
	MW-23-090717	9/7/2017	µg/L	1,110		9.25		43.1		999		5	U ^b	141		25	U ^b	--	
	MW-23-100417	10/4/2017	µg/L	703		10	U	17.5		515		10	U ^b	90.1		50	U ^b	--	
	MW-23-110817	11/8/2017	µg/L	788		10	U	21.5		580		10	U ^b	118		50	U ^b	--	
	MW-23-120617	12/6/2017	µg/L	693		10	U	17.0		408		10	U ^b	99.5		50	U ^b	--	
	MW-23-010918	1/9/2018	µg/L	127		10	U	10	U	137		10	U ^b	69.6		50	U ^b	--	
	MW-23-020618	2/6/2018	µg/L	1.10		1	U	1	U	3	U	1	U	33.8		5	U	--	
	MW-23-030618	3/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	17.5		5	U	--	
	MW-23-040618	4/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	32.0		5	U	--	
	MW-23-050318	5/3/2018	µg/L	1	U	1	U	1	U	3	U	1	U	19.1		5	U	--	
	MW-23-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	5.28		5	U	--	
	MW-23-071218	7/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	7.05		5	U	--	
	MW-23-080218	8/2/2018	µg/L	17.9		1	U	1	U	10.4		1	U	5.01		5	U	--	
	MW-23-091118	9/11/2018	µg/L	2.30		1	U	1	U	3	U	1	U	11.0		5	U	--	
	MW-23-110218	11/2/2018	µg/L	11.1		1	U	2.48		4.85		1	U	8.35		5	U	--	
	MW-23-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	2.08		5	U	--	
	MW-23-022019	2/20/2019	µg/L	5.34		1	U	2.16		3	U	1	U	7.24		5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte													
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB						
			RBSL ^a : µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05						
MW-23	MW-23-030519	3/5/2019	µg/L	87.7	1.16	1.35	46.2	1	U	16.5	5	U	--				
	MW-23-051419	5/14/2019	µg/L	412	5.37	20.7	190	1	U	28.0	10.9		--				
	MW-23-060519	6/5/2019	µg/L	520	5	U	5.77	211	5	U	27.7	25	U	--			
	MW-23-082119	8/21/2019	µg/L	1,860	82.8	507	1,190	10	U ^b	88.7	50	U ^b	--				
	MW-23-091919	9/19/2019	µg/L	2,950	192	1,060	2,210	5	U	99.9	38.4		--				
	MW-23-110719	11/7/2019	µg/L	1,200	20	U	94.1	481	20	U ^b	41.7	100	U ^b	--			
	MW-23-122019	12/20/2019	µg/L	575	10.1	12.0	279	1	U	41.8	11.0		--				
	MW-23-021220	2/12/2020	µg/L	408	20	U	20	U	150	20	U ^b	36.3	100	U ^b	--		
	MW-23-031120	3/11/2020	µg/L	349	20	U	20	U	153	20	U ^b	41.0	100	U ^b	--		
	MW-23-050620	5/6/2020	µg/L	1,660	119	1,220	1,430	20	U ^b	25.0	100	U ^b	--				
	MW-23-070920	7/9/2020	µg/L	3,490	239	3,780	2,240	20	U ^b	56.9	100	U ^b	--				
	MW-23-091520	9/15/2020	µg/L	6,380	637	10,100	4,120	20	U ^b	186	100	U ^b	--				
	MW-23-111120	11/11/2020	µg/L	3,290	353	3,430	2,470	20	U ^b	85.1	100	U ^b	--				
	MW-23-012021	1/20/2021	µg/L	1,270	100	U	100	U	359	100	U ^b	100	U ^b	500	U ^b	--	
	MW-23-032421	3/24/2021	µg/L	2,140	153	945	1,380	25	U ^b	25	U	125	U ^b	--			
MW-23B	MW-23B-080515	8/5/2015	µg/L	5	U ^b	5	U	7.00	10	U	5	U ^b	5	U	0.02	U	
	MW-23B-012016	1/20/2016	µg/L	1	U	1	U	3.90	7.10	1	U	1	U	1	U	0.02	U
	MW-23B-120216	12/2/2016	µg/L	1	U	1.40	3.50	11.0	1	U	1	U	1.30		--		
	MW-23B-031317	3/13/2017	µg/L	1	U	1.11	2.63	8.86	1	U	1	U	5	U	--		
	MW-23B-032017	3/20/2017	µg/L	1	U	1.55	2.98	11.7	1	U	1	U	5	U	--		
	MW-23B-033117	3/31/2017	µg/L	1	U	1.24	2.41	8.86	1	U	1	U	5	U	--		
	MW-23B-040617	4/6/2017	µg/L	1	U	1.21	2.41	9.23	1	U	1	U	5	U	--		
	MW-23B-062817	6/28/2017	µg/L	1	U	1	U	1.73	6.20	1	U	1	U	5	U	--	
	MW-23B-090717	9/7/2017	µg/L	1	U	1	U	1.65	5.40	1	U	1	U	5	U	--	
	MW-23B-120617	12/6/2017	µg/L	1	U	1.20	2.48	7.93	1	U	1	U	5	U	--		
	MW-23B-030618	3/6/2018	µg/L	1	U	1.20	4.57	9.14	1	U	1	U	5	U	--		
	MW-23B-060518	6/5/2018	µg/L	1	U	1	U	1.08	4.21	1	U	1	U	5	U	--	
	MW-23B-091118	9/11/2018	µg/L	1	U	1	U	1.24	3	U	1	U	5	U	--		
	MW-23B-120518	12/5/2018	µg/L	1	U	1	U	1	3	U	1	U	5	U	--		
	MW-23B-030519	3/5/2019	µg/L	1	U	1	U	1	3	U	1	U	5	U	--		
	MW-23B-060519	6/5/2019	µg/L	1	U	1	U	1	3	U	1	U	5	U	--		
	MW-23B-091919	9/19/2019	µg/L	1	U	1	U	1	3	U	1	U	5	U	--		
	MW-23B-121719	12/17/2019	µg/L	1	U	1	U	1	3	U	1	U	5	U	--		
	MW-23B-031220	3/12/2020	µg/L	1	U	1	U	1	3	U	1	U	5	U	--		
	MW-23B-070720	7/7/2020	µg/L	1	U	1	U	1	3	U	1	U	5	U	--		

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
			RBSL^a:	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-23B	MW-23B-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-23B-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-24	MW-24-080515	8/5/2015	µg/L	5	U ^b	5	U	5	U	10	U	5	U ^b	5	U	5	U	0.02	U
	MW-24-012616	1/26/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.019	U
	MW-24-120716	12/7/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	--	
	MW-24-062817	6/28/2017	µg/L	28.8		3.96		1.70		22.2		1	U	1	U	5	U	--	
	MW-24-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24-030818	3/8/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24-091719	9/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-24B	MW-24B-080515	8/5/2015	µg/L	5	U ^b	5	U	5	U	10	U	5	U ^b	5	U	5	U	0.02	U
	MW-24B-012616	1/26/2016	µg/L	1	U	1	U	3.30		6.80		1	U	1	U	1	U	0.019	U
	MW-24B-120716	12/7/2016	µg/L	1	U	1	U	2.90		1.60		1	U	1	U	1	U	--	
	MW-24B-062817	6/28/2017	µg/L	28.9		3.89		1.77		20.7		1	U	1	U	5	U	--	
	MW-24B-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24B-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24B-030818	3/8/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24B-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24B-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24B-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24B-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24B-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24B-091719	9/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24B-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24B-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24B-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
			RBSL ^a : µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-24B	MW-24B-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-24B-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-25	MW-25-012716	1/27/2016	µg/L	101		1	U	1	U	115		1	U	1	U	1.80		0.02	U
	MW-25-012716	12/1/2016	µg/L	675		30.2		15.3		619		5	U ^b	5.90		29.7		--	
	MW-25-031417	3/14/2017	µg/L	627		28.6		10.1		668		10	U ^b	10	U	50	U ^b	--	
	MW-25-032017	3/20/2017	µg/L	604		20.4		20	U	680		20	U ^b	20	U	100	U ^b	--	
	MW-25-033117	3/31/2017	µg/L	673		30.1		12.0		736		10	U ^b	10	U	50	U ^b	--	
	MW-25-040617	4/6/2017	µg/L	558		24.3		10	U	682		10	U ^b	10	U	50	U ^b	--	
	MW-25-050317	5/3/2017	µg/L	519		49.3		10.1		614		1	U	1	U	43.2		--	
	MW-25-062817	6/28/2017	µg/L	431		34.8		10	U	520		10	U ^b	10	U	50	U ^b	--	
	MW-25-071717	7/17/2017	µg/L	230		13.4		10	U	264		10	U ^b	10	U	50	U ^b	--	
	MW-25-080117	8/1/2017	µg/L	234		14.4		10	U	277		10	U ^b	10	U	50	U ^b	--	
	MW-25-090817	9/8/2017	µg/L	200		12.2		1.27		214		1	U	1	U	10.6		--	
	MW-25-100417	10/4/2017	µg/L	173		16.2		1.73		276		1	U	1.10		6.77		--	
	MW-25-110817	11/8/2017	µg/L	82.9		7.21		1	U	143		1	U	1	U	7.74		--	
	MW-25-120617	12/6/2017	µg/L	23.8		1.84		1	U	60.5		1	U	1	U	5	U	--	
	MW-25-010918	1/9/2018	µg/L	72.0		2.74		1	U	111		1	U	1	U	5	U	--	
	MW-25-020618	2/6/2018	µg/L	10.8		1	U	1	U	19.3		1	U	1	U	5	U	--	
	MW-25-030818	3/8/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-040618	4/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-050318	5/3/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-071218	7/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-25B	MW-25B-012716	1/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.02	U
	MW-25B-120116	12/1/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	--	
	MW-25B-031417	3/14/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene		Ethylbenzene		Toluene		Total Xylenes		1,2-DCA		MTBE		Naphthalene		EDB	
			RBSL ^a : µg/L	5.0		700		1,000		10,000		5.0		40		25		0.05	
MW-25B	MW-25B-032017	3/20/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-033117	3/31/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-040617	4/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-062817	6/28/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-030818	3/8/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-031020	3/10/2020	µg/L	1.12		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-070820	7/8/2020	µg/L	1.38		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-111220	11/12/2020	µg/L	3.77		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-25B-032521	3/25/2021	µg/L	1.44		1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-26	MW-26-012016	1/20/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.019	U
	MW-26-120116	12/1/2016	µg/L	1	U	1	U	2.30		1	U	1	U	1	U	1	U	--	
	MW-26-031417	3/14/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-032017	3/20/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-033117	3/31/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-040617	4/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-050317	5/3/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-062817	6/28/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-071717	7/17/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-080117	8/1/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-090717	9/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-100417	10/4/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-110817	11/8/2017	µg/L	1	U	1	U	1.17		3	U	1	U	1	U	5	U	--	
	MW-26-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-010918	1/9/2018	µg/L	1	U	1.79		6.20		13.8		1	U	1	U	5	U	--	
	MW-26-020618	2/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-030618	3/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-040618	4/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-050318	5/3/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene		Ethylbenzene		Toluene		Total Xylenes		1,2-DCA		MTBE		Naphthalene		EDB	
RBSL ^a :			µg/L	5.0		700		1,000		10,000		5.0		40		25		0.05	
MW-26	MW-26-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-071218	7/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-091118	9/11/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-021919	2/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-030519	3/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-051519	5/15/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-081919	8/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-110419	11/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-121719	12/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-021220	2/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-031220	3/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-26B	MW-26B-012016	1/20/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.02	U
	MW-26B-120116	12/1/2016	µg/L	1	U	1	U	1	U	1.30		1	U	1	U	1	U	--	
	MW-26B-031417	3/14/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-032017	3/20/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-033117	3/31/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-040617	4/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-062817	6/28/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-090717	9/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-030618	3/6/2018	µg/L	1	U	1	U	1.03		3	U	1	U	1	U	5	U	--	
	MW-26B-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-091118	9/11/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-030519	3/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-121719	12/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-031220	3/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
			RBSL^a:	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-26B	MW-26B-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-26B-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-27	MW-27-012716	1/27/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.019	U
	--	11/28/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-27-062817	6/28/2017	µg/L	2.69		4.06		3.88		35.9		1	U	1	U	5	U	--	
	MW-27-090817	9/8/2017	µg/L	4.96		5.75		2.13		14.8		1	U	1	U	5	U	--	
	MW-27-120517	12/5/2017	µg/L	6.48		8.23		12.5		20.5		1	U	1	U	5	U	--	
	MW-27-030818	3/8/2018	µg/L	14.5		29.7		62.3		227		1	U	1	U	5	U	--	
	MW-27-060518	6/5/2018	µg/L	5.74		7.74		22.6		70.3		1	U	1	U	5	U	--	
	MW-27-091118	9/11/2018	µg/L	2.06		2.94		7.44		25.6		1	U	1	U	5	U	--	
	MW-27-120518	12/5/2018	µg/L	2.96		9.03		23.1		50.3		1	U	1	U	5	U	--	
	MW-27-030519	3/5/2019	µg/L	1	U	1	U	4.05		9.95		1	U	1	U	5	U	--	
	MW-27-060519	6/5/2019	µg/L	1.33		1	U	5.04		11.0		1	U	1	U	5	U	--	
	MW-27-091919	9/19/2019	µg/L	1.04		1	U	1.09		5.00		1	U	1	U	5	U	--	
	MW-27-121819	12/18/2019	µg/L	1.09		1	U	1	U	5.19		1	U	1	U	5	U	--	
	MW-27-031220	3/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-27-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-27-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-27-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-27B	MW-27B-051216	5/12/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.02	U
	MW-27B-120216	12/2/2016	µg/L	1	U	5.30		9.1		45.7		1	U	1	U	8.90		--	
	MW-27B-062817	6/28/2017	µg/L	1	U	4.04		4.04		32.7		1	U	1	U	6.09		--	
	MW-27B-090717	9/7/2017	µg/L	1	U	3.73		6.35		30.3		1	U	1	U	7.54		--	
	MW-27B-120517	12/5/2017	µg/L	1	U	3.10		5.91		24.8		1	U	1	U	5.81		--	
	MW-27B-030818	3/8/2018	µg/L	1	U	3.44		6.82		28.8		1	U	1	U	5	U	--	
	MW-27B-060518	6/5/2018	µg/L	1	U	3.38		6.18		26.8		1	U	1	U	5.10		--	
	MW-27B-091118	9/11/2018	µg/L	1	U	2.98		5.65		25.0		1	U	1	U	5	U	--	
	MW-27B-120518	12/5/2018	µg/L	1	U	2.47		4.97		21.1		1	U	1	U	5	U	--	
	MW-27B-030519	3/5/2019	µg/L	1	U	2.40		4.76		20.0		1	U	1	U	5	U	--	
	MW-27B-060519	6/5/2019	µg/L	1	U	1.85		3.59		14.7		1	U	1	U	5	U	--	
	MW-27B-091919	9/19/2019	µg/L	1	U	2.05		3.87		16.2		1	U	1	U	5	U	--	
	MW-27B-121719	12/17/2019	µg/L	1	U	2.35		4.27		18.4		1	U	1	U	5	U	--	
	MW-27B-031220	3/12/2020	µg/L	1	U	1.67		3.03		13.1		1	U	1	U	5	U	--	
	MW-27B-070820	7/8/2020	µg/L	1	U	1.43		2.48		9.72		1	U	1	U	5	U	--	
	MW-27B-111220	11/12/2020	µg/L	1	U	1.78		3.27		13.6		1	U	1	U	5	U	--	
	MW-27B-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
			RBSL ^a : µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-28	MW-28-012716	1/27/2016	µg/L	542	430	3,850	3,370	1	U	4.80	96.3	0.02	U						
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW						
	MW-28-031517	3/15/2017	µg/L	1,120	68.9	3,350	1,370	50	U ^b	50	U ^b	250	U	--					
	--	3/20/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW						
	--	3/31/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW						
	--	4/6/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW						
	MW-28-050317	5/3/2017	µg/L	65.9	14.5	263	1,010	1	U	2.94	9.33	--							
	MW-28-062817	6/28/2017	µg/L	199	55.0	108	546	1	U	1	U	10.1	--						
	MW-28-071717	7/17/2017	µg/L	219	64.2	85.8	422	1	U	1	U	14.7	--						
	MW-28-080217	8/2/2017	µg/L	219	48.7	52.7	187	1	U	3.46	11.9	--							
	MW-28-090817	9/8/2017	µg/L	130	16.2	175	388	1	U	4.77	13.6	--							
	--	10/4/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW						
	--	11/7/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW						
	--	12/7/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW						
	--	1/9/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW						
	MW-28-020618	2/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-28-030818	3/8/2018	µg/L	10.1	9.92	5.27	21.2	1	U	1	U	5	U	--					
	MW-28-040618	4/6/2018	µg/L	16.1	11.6	4.00	23.4	1	U	1	U	5	U	--					
	MW-28-050318	5/3/2018	µg/L	8.25	8.82	1.55	24.5	1	U	1	U	5	U	--					
	MW-28-060518	6/5/2018	µg/L	3.81	3.77	1.01	16.0	1	U	1	U	5	U	--					
	MW-28-071218	7/12/2018	µg/L	3.91	5.19	1.05	8.82	1	U	1	U	5	U	--					
	MW-28-091118	9/11/2018	µg/L	28.0	25.2	3.66	4.89	1	U	1	U	5	U	--					
	MW-28-120518	12/5/2018	µg/L	13.7	8.04	1.47	3	U	1	U	1	U	5	U	--				
	MW-28-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-28-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-28-091719	9/17/2019	µg/L	1.68	1	U	1	U	3	U	1	U	1	U	5	U	--		
	MW-28-121919	12/19/2019	µg/L	23.7	18.3	2.79	4.33	1	U	1	U	5	U	--					
	MW-28-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-28-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-28-111220	11/12/2020	µg/L	3.07	1	U	1	U	3	U	1	U	1	U	5	U	--		
	MW-28-032521	3/25/2021	µg/L	1.03	1	U	1	U	3	U	1	U	1	U	5	U	--		
MW-29	MW-29-012116	1/21/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.02	U
	MW-29-112916	11/29/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	--	
	MW-29-031317	3/13/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-032017	3/20/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-033117	3/31/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-040617	4/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-050317	5/3/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-062817	6/28/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
RBSL ^a :			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-29	MW-29-071717	7/17/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-080117	8/1/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-090717	9/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-100417	10/4/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-110817	11/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-010918	1/9/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-020618	2/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-040618	4/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-050318	5/3/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-071218	7/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-091118	9/11/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-030519	3/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-121719	12/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-031220	3/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5.11		--	
	MW-29-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-29-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-30	MW-30-012516	1/25/2016	µg/L	1	U	1	U	1	U	2	U	1	U	1	U	1	U	0.02	U
	--	11/28/2016	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-30-050417	5/4/2017	µg/L	104		3.98		341		161		1	U	1	U	5	U	--	
	MW-30-062917	6/29/2017	µg/L	646		25	U	1,630		736		25	U ^b	25	U	125	U ^b	--	
	MW-30-071717	7/17/2017	µg/L	922		25	U	2,050		1,320		25	U ^b	25	U	125	U ^b	--	
	MW-30-080217	8/2/2017	µg/L	1,240		25.9		1,020		2,230		25	U ^b	25	U	125	U ^b	--	
	--	9/5/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	10/4/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	11/8/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	12/4/2017	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	--	1/8/2018	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	MW-30-020518	2/5/2018	µg/L	2.20		1	U	1.86		4.10		1	U	1	U	5	U	--	
	MW-30-030718	3/7/2018	µg/L	22.1		1	U	8.94		19.1		1	U	2.25		5	U	--	
	MW-30-040618	4/6/2018	µg/L	1.90		1	U	7.38		5.95		1	U	2.22		5	U	--	
	MW-30-050318	5/3/2018	µg/L	1.19		1	U	3.70		3	U	1	U	2.29		5	U	--	
	MW-30-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	2.58		5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
RBSL ^a :			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-30	MW-30-071218	7/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	2.79	5	U	--		
	--	9/11/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	MW-30-120718	12/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1.94	9.22		--		
	MW-30-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-30-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	9/16/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	--	12/16/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW		
	MW-30-031320	3/13/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	7/6/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS		
	--	11/10/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS		
	MW-30-032621	3/26/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-31	MW-31-051016	5/10/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.02	U
	MW-31-112916	11/29/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	--	
	MW-31-050317	5/3/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-062817	6/28/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-071717	7/17/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-080117	8/1/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-100417	10/4/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-110817	11/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-010918	1/9/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-020618	2/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-040618	4/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-050318	5/3/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-071318	7/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-31-031120	3/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	7/6/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	
	--	11/10/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	
	MW-31-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
RBSL ^a :			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-31B	MW-31B-051116	5/11/2016	µg/L	1	U	1	U	2.70	1	U	1	U	1	U	1	U	0.02	U	
MW-32	MW-32-051016	5/10/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.02	U
	MW-32-120616	12/6/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	--	
	MW-32-062917	6/29/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-32-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-32-120717	12/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-32-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-32-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-32-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-32-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-32-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-32-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-32-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-32-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-32-031320	3/13/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-32	MW-32-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-32-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-32-032621	3/26/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-33	MW-33-051016	5/10/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.02	U
MW-33T	MW-33T-051016	5/10/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.02	U
	MW-33T-120617	12/6/2017	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	--	
	MW-33T-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-33T-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-33T-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-33T-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-33T-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-33T-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-33T-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-33T-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-33T-031120	3/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-33T-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-33T-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-33T-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-34	MW-34-031517	3/15/2017	--	978		33.0		143		218		10	U ^b	157		50	U ^b	--	
	MW-34-032017	3/20/2017	µg/L	801		10.0	U	113		305		10	U ^b	149		50	U ^b	--	
	MW-34-033117	3/31/2017	µg/L	728		10.0	U	81.4		224		10	U ^b	152		50	U ^b	--	
	MW-34-040617	4/6/2017	µg/L	860		1.70		58.6		181		1	U	123		5	U	--	
	MW-34-050317	5/3/2017	µg/L	287		2.62		27.2		130		1	U	124		5	U	--	
	MW-34-062817	6/28/2017	µg/L	167		4.59		9.30		39.2		1	U	68.3		5	U	--	

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Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
			RBSL ^a : µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-34	MW-34-071717	7/17/2017	µg/L	137	5.83	19.8	69.5	1	U	73.8	5	U	--					
	MW-34-080117	8/1/2017	µg/L	517	10	U	31.7	110	10	U ^b	98.3	50	U ^b	--				
	MW-34-090817	9/8/2017	µg/L	1,430	6.01	98.0	264	1	U	191	7.33	--						
	MW-34-100417	10/4/2017	µg/L	919	10	U	36.8	157	10	U ^b	151	50	U ^b	--				
	MW-34-110817	11/8/2017	µg/L	338	10	U	15.3	140	10	U ^b	266	50	U ^b	--				
	MW-34-120617	12/6/2017	µg/L	169	10	U	29.7	69.9	10	U ^b	218	50	U ^b	--				
	MW-34-010918	1/9/2018	µg/L	147	10	U	13.1	79.8	10	U ^b	246	50	U ^b	--				
	MW-34-020618	2/6/2018	µg/L	249	10	U	19.2	88.3	10	U ^b	191	50	U ^b	--				
	MW-34-030818	3/8/2018	µg/L	696	7.35	51.6	180	1	U	229	5.84	--						
	MW-34-040618	4/6/2018	µg/L	619	2.22	31.9	150	1	U	281	7.77	--						
	MW-34-050318	5/3/2018	µg/L	342	10	U	18.1	99.7	10	U ^b	278	50	U ^b	--				
	MW-34-060518	6/5/2018	µg/L	63.1	1	U	3.28	19.2	1	U	247	5	U	--				
	MW-34-071218	7/12/2018	µg/L	186	2.41	9.34	33.7	1	U	153	5	U	--					
	MW-34-080218	8/2/2018	µg/L	414	5.27	32.6	53.6	1	U	147	5	U	--					
	MW-34-091218	9/12/2018	µg/L	21.8	1	U	1	U	3	U	1	U	209	5	U	--		
	MW-34-110218	11/2/2018	µg/L	75.1	1	U	1.53	8.16	1	U	302	5	U	--				
	MW-34-120618	12/6/2018	µg/L	1	U	1	U	1	U	6.63	1	U	271	5	U	--		
	MW-34-022019	2/20/2019	µg/L	124	1.13	3.82	15	U	1	U	303	5	U	--				
	MW-34-030619	3/6/2019	µg/L	42.4	1	U	1	U	5.32	1	U	242	5	U	--			
	MW-34-051519	5/15/2019	µg/L	162	2.18	2.63	14.9	1	U	163	5	U	--					
	MW-34-060519	6/5/2019	µg/L	36.6	5	U	5	U	15	U	5	U	148	25	U	--		
	MW-34-082219	8/22/2019	µg/L	102	5	U	5	U	15	U	1	U	207	5.05	--			
	MW-34-091919	9/19/2019	µg/L	12.9	1	U	1	U	3	U	1	U	109	5	U	--		
	MW-34-110619	11/6/2019	µg/L	85.5	1.44	1	U	13.9	1	U	169	5	U	--				
	MW-34-122019	12/20/2019	µg/L	157	1.73	1	U	21.0	1	U	173	5	U	--				
	MW-34-021120	2/11/2020	µg/L	5.41	1	U	1	U	3	U	1	U	157	5	U	--		
	MW-34-031020	3/10/2020	µg/L	1.54	1	U	1	U	3.06	1	U	167	5	U	--			
	--	7/6/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS			
	--	11/10/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS			
	--	3/24/2021	--	No access. Water level too high.														
MW-35	MW-35-051016	5/10/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	0.02	U	
	MW-35-120116	12/1/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	--
	MW-35-031417	3/14/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-35-032017	3/20/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-35-033117	3/31/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-35-040617	4/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-35-050317	5/3/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-35-062817	6/28/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-35-071717	7/17/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--

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Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
RBSL ^a :			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-35	MW-35-080117	8/1/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-100417	10/4/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-110817	11/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-010918	1/9/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-020618	2/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-030818	3/8/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-040618	4/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-050318	5/3/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-071218	7/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-091118	9/11/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-060519	6/5/2019	µg/L	1	U	1	U	4.52		3	U	1	U	1	U	5	U	--	
	MW-35-091719	9/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-121719	12/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-35-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-36	MW-36-051116	5/11/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.02	U
	MW-36-112916	11/29/2016	µg/L	1.30		1	U	6.50		1.10		1	U	1	U	1	U	--	
	MW-36-062917	6/29/2017	µg/L	2.11		1	U	2.28		3	U	1	U	1	U	5	U	--	
	MW-36-090817	9/8/2017	µg/L	4.75		1	U	6.16		4.62		1	U	1	U	5	U	--	
	MW-36-120717	12/7/2017	µg/L	17.5		1	U	30.2		14.4		1	U	1	U	5	U	--	
	MW-36-030718	3/7/2018	µg/L	44.2		10	U	75.2		38.4		10	U ^b	10	U	50	U ^b	--	
	MW-36-060718	6/7/2018	µg/L	184		1	U	208		134		1	U	2.06		5	U	--	
	MW-36-091318	9/13/2018	µg/L	238		1	U	326		238		1	U	1	U	5	U	--	
	MW-36-120618	12/6/2018	µg/L	146		1	U	181		142		1	U	1	U	5	U	--	
	MW-36-021919	2/19/2019	µg/L	708		1	U	186		152		1	U	1	U	5	U	--	
	MW-36-030719	3/7/2019	µg/L	223		1	U	210		161		1	U	2.67		5	U	--	
	MW-36-051519	5/15/2019	µg/L	1,160		5	U	78.4		482		5	U	292		228		--	
	MW-36-060419	6/4/2019	µg/L	1,100		1	U	48.1		428		1	U	1	U	5	U	--	
	MW-36-081919	8/19/2019	µg/L	484		20	U	27.5		197		20	U ^b	20	U	100	U ^b	--	
	MW-36-091919	9/19/2019	µg/L	360		10	U	46.0		188		10	U ^b	10	U	50	U ^b	--	
	MW-36-110419	11/4/2019	µg/L	172		5	U	39.7		78.7		5	U	5	U	25	U	--	
	MW-36-121819	12/18/2019	µg/L	185		1	U	66.2		78.2		1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte															
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB								
		RBSL^a:	µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05								
MW-36	MW-36-021820	2/18/2020	µg/L	300	1	U	200	240	1	U	1	U	50	U ^b	--				
	MW-36-031320	3/13/2020	µg/L	282	1	U	229	211	1	U	1	U	5	U ^b	--				
	MW-36-050620	5/6/2020	µg/L	1.72	1	U	1	3	1	U	1	U	5	U	--				
	MW-36-070920	7/9/2020	µg/L	4.87	1	U	3.81	4.57	1	U	1.81	5	U	--					
	MW-36-091520	9/15/2020	µg/L	10	U	10	U	10	U	9.18	10	U ^b	10	U	50	U ^b	--		
	MW-36-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	2.68	5	U	--		
	--	1/19/2021	--	No property access.															
	--	3/24/2021	--	No property access.															
MW-36B	MW-36B-051116	5/11/2016	µg/L	1	U	1	U	7.20	1	U	1	U	1	U	1	U	0.02	U	
	MW-36B-112916	11/29/2016	µg/L	1	U	1	U	1.60	1	U	1	U	1	U	1	U	--		
	MW-36B-062917	6/29/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-36B-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-36B-120717	12/7/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-36B-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-36B-060618	6/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-36B-091318	9/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-36B-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-36B-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-36B-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-36B-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-36B-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-36B-031320	3/13/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-36B-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-36B-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	3/24/2021	--	No property access.															
MW-37	MW-37-113016	11/30/2016	µg/L	1	U	1	U	1	U	1	U	1	U	1	U	1	U	--	
	MW-37-062817	6/28/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1.44	5	U	--		
	MW-37-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1.50	5	U	--		
	MW-37-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	2.93	5	U	--		
	MW-37-030818	3/8/2018	µg/L	1	U	1	U	1	U	3	U	1	U	3.71	5	U	--		
	MW-37-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	5.06	5	U	--		
	MW-37-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	4.30	5	U	--		
	MW-37-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-37-021919	2/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-37-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-37-051519	5/15/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-37-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-37-071819	7/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-37-082019	8/20/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
RBSL ^a :			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-37	MW-37-091719	9/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-37-110519	11/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-37-121919	12/19/2019	µg/L	1	U	1	U	3.03		3	U	1	U	1.66		5	U	--
	MW-37-021120	2/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	2.89		5	U	--
	MW-37-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	2.85		5	U	--
	MW-37-050420	5/4/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1.17		5	U	--
	MW-37-072220	7/22/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-37-091520	9/15/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-37-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-37-012021	1/20/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-37-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-38	MW-38-113016	11/30/2016	µg/L	1	U	1	U	1	U	1	U	1	U	5.50		1	U	--
	MW-38-031417	3/14/2017	µg/L	1	U	1	U	1	U	3	U	1	U	9.14		5	U	--
	MW-38-032017	3/20/2017	µg/L	1	U	1	U	1	U	3	U	1	U	7.55		5	U	--
	MW-38-033117	3/31/2017	µg/L	1	U	1	U	1	U	3	U	1	U	10.2		5	U	--
	MW-38-040617	4/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	8.06		5	U	--
	MW-38-050317	5/3/2017	µg/L	1	U	1	U	1	U	3	U	1	U	9.08		5	U	--
	MW-38-062817	6/28/2017	µg/L	9.71		1.17		1	U	6.63		1	U	1	U	5	U	--
	MW-38-071717	7/17/2017	µg/L	1	U	1	U	1	U	3	U	1	U	8.59		5	U	--
	MW-38-080117	8/1/2017	µg/L	1	U	1	U	1	U	3	U	1	U	7.25		5	U	--
	MW-38-090817	9/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	12.9		5	U	--
	MW-38-100417	10/4/2017	µg/L	1.75		1	U	1	U	3	U	1	U	11.2		5	U	--
	MW-38-110817	11/8/2017	µg/L	4.48		1	U	1	U	12.4		1	U	29.2		5	U	--
	MW-38-120617	12/6/2017	µg/L	102		1	U	1	U	86.1		1	U	38.0		5	U	--
	MW-38-010918	1/9/2018	µg/L	311		1	U	2.31		158		1	U	49.4		5	U	--
	MW-38-020618	2/6/2018	µg/L	389		5	U	5	U	208		5	U	48.8		25	U	--
	MW-38-030818	3/8/2018	µg/L	364		5	U	5	U	202		5	U	54.8		25	U	--
	MW-38-040618	4/6/2018	µg/L	347		1	U	2.95		221		1	U	68.8		10.4		--
	MW-38-050318	5/3/2018	µg/L	378		10	U	10	U	212		10	U ^b	62.1		50	U ^b	--
	MW-38-060518	6/5/2018	µg/L	373		1	U	2.49		222		1	U	75.5		9		--
	MW-38-071218	7/12/2018	µg/L	268		1	U	1.27		138		1	U	52.5		7.26		--
	MW-38-091218	9/12/2018	µg/L	157		1	U	1.19		66.5		1	U	38.8		5	U	--
	MW-38-120618	12/6/2018	µg/L	412		1	U	1.90		236		1	U	89.7		13.7		--
	MW-38-021919	2/19/2019	µg/L	887		1	U	10	U	331		1	U	87.1		14.3		--
	MW-38-030619	3/6/2019	µg/L	849		1	U	2.55		278		1	U	96.7		18.0		--
	MW-38-051519	5/15/2019	µg/L	614		1	U	1.42		178		1	U	95.6		10.1		--
	MW-38-060519	6/5/2019	µg/L	950		100	U	100	U	300	U	100	U ^b	118		500	U ^b	--
	MW-38-071819	7/18/2019	µg/L	1,260		1	U	3.27		308		1	U	104		16.2		--
	MW-38-082019	8/20/2019	µg/L	1,030		10	U	10	U	279		10	U ^b	116		50	U ^b	--

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte													
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB						
			RBSL ^a : µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05						
MW-38	MW-38-091719	9/17/2019	µg/L	40.2	10	U	10	U	30	U	10	U ^b	88.2	50	U ^b	--	
	MW-38-110519	11/5/2019	µg/L	7.33	1	U	1	U	7.01	1	U	64.4	5	U	--		
	MW-38-121919	12/19/2019	µg/L	2.19	1	U	1.52	5.85	1	U	80.0	5	U	--			
	MW-38-021120	2/11/2020	µg/L	114	1	U	1	66.3	1	U	123	5	U	--			
	MW-38-031020	3/10/2020	µg/L	411	1.37	2.68	172	1	U	144	5	U	--				
	MW-38-050420	5/4/2020	µg/L	858	10	U	10	U	178	10	U ^b	128	50	U ^b	--		
	MW-38-072220	7/22/2020	µg/L	3,610	20	U	20	U	620	20	U ^b	302	100	U ^b	--		
	MW-38-091520	9/15/2020	µg/L	5	U	5	U	5	U	15	U	5	U	110	25	U	--
	MW-38-111220	11/12/2020	µg/L	1,690	20	U	20	U	305	20	U ^b	200	100	U ^b	--		
	MW-38-012021	1/20/2021	µg/L	1,200	4.22	10.2	219	1	U	193	52.0	--					
	MW-38-032521	3/25/2021	µg/L	1,660	2.50	7.43	186	1	U	144	30.3	--					
MW-38B	MW-38B-050420	5/4/2020	µg/L	1,030	2.20	5.88	249	1	U	122	11.3	--					
	MW-38B-070820	7/8/2020	µg/L	2,580	20	U	20	U	355	20	U ^b	181	100	U ^b	--		
	MW-38B-091520	9/15/2020	µg/L	3,680	20	U	20	U	467	20	U ^b	207	100	U ^b	--		
	MW-38B-111220	11/12/2020	µg/L	2,770	20	U	20	U	408	20	U ^b	222	100	U ^b	--		
	MW-38B-012021	1/20/2021	µg/L	1,930	6.73	16.2	365	1	U	193	72.9	--					
	MW-38B-032521	3/25/2021	µg/L	2,260	6.07	13.7	693	1	U	161	59.3	--					
MW-39	MW-39-120716	12/7/2016	µg/L	6,320	682	1,290	3,650	50	U ^b	311	86.0	--					
	MW-39-031417	3/14/2017	µg/L	6,370	431	2,200	3,700	10	U ^b	199	117	--					
	MW-39-032017	3/20/2017	µg/L	7,340	704	2,990	4,050	100	U ^b	248	500	U ^b	--				
	MW-39-033117	3/31/2017	µg/L	7,540	899	3,140	4,400	50	U ^b	272	250	U ^b	--				
	MW-39-040617	4/6/2017	µg/L	6,180	754	3,280	3,860	50	U ^b	257	250	U ^b	--				
	MW-39-062817	6/28/2017	µg/L	5,470	58	3,360	3,900	20	U ^b	239	100	U ^b	--				
	MW-39-071717	7/17/2017	µg/L	4,690	100	U	3,760	4,580	100	U ^b	344	500	U ^b	--			
	MW-39-080117	8/1/2017	µg/L	4,630	100	U	2,880	4,740	100	U ^b	348	500	U ^b	--			
	MW-39-090817	9/8/2017	µg/L	3,380	10.7	1,040	2,740	1	U	376	15.6	--					
	MW-39-100417	10/4/2017	µg/L	1,560	50	U	365	1,350	50	U ^b	305	250	U ^b	--			
	MW-39-110817	11/8/2017	µg/L	878	50	U	123	368	50	U ^b	442	250	U ^b	--			
	MW-39-120617	12/6/2017	µg/L	345	50	U	69	150	50	U ^b	355	250	U ^b	--			
	MW-39-010918	1/9/2018	µg/L	23.8	5	U	5	U	15	U	5	U	370	25	U	--	
	MW-39-020618	2/6/2018	µg/L	46.9	5	U	5	U	15	U	5	U	263	25	U	--	
	MW-39-030818	3/8/2018	µg/L	1	U	1	U	1	U	3	U	1	U	304	5	U	--
	MW-39-040618	4/6/2018	µg/L	1.00	1	U	1	U	3	U	1	U	297	5	U	--	
	MW-39-050318	5/3/2018	µg/L	10	U	10	U	10	U	30	U	10	U ^b	287	50	U ^b	--
	MW-39-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	322	5	U	--
	MW-39-071218	7/12/2018	µg/L	1.00	1	U	1	U	3	U	1	U	244	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
			RBSL^a:	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-39	MW-39-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	176	5	U	--	
	MW-39-120618	12/6/2018	µg/L	30.6		1	U	7.49		29.3		1	U	156	5	U	--	
	MW-39-021919	2/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	53.8	5	U	--	
	MW-39-030619	3/6/2019	µg/L	1.91		1	U	1.01		3	U	1	U	61.0	5	U	--	
	MW-39-051519	5/15/2019	µg/L	1	U	1	U	1	U	3	U	1	U	89.4	5	U	--	
	MW-39-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	156	5	U	--	
	MW-39-081919	8/19/2019	µg/L	10.9		1	U	1	U	5.35		1	U	162	5	U	--	
	MW-39-091919	9/19/2019	µg/L	1.67		1	U	1	U	3	U	1	U	121	5	U	--	
	MW-39-110419	11/4/2019	µg/L	14.3		1	U	1	U	7.75		1	U	114	5	U	--	
	MW-39-121819	12/18/2019	µg/L	8.47		1	U	1	U	7.49		1	U	114	5	U	--	
	MW-39-021120	2/11/2020	µg/L	2.28		1	U	1	U	5.04		1	U	123	5	U	--	
	MW-39-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	124	5	U	--	
	--	5/4/2020	--	NS		NS		NS		NS		NS		NS		NS		
	MW-39-070820	7/8/2020	µg/L	3.38		1	U	1	U	3	U	1	U	87.0	5	U	--	
	MW-39-091520	9/15/2020	µg/L	3.01		1	U	1	U	3	U	1	U	96.8	5	U	--	
	MW-39-111220	11/12/2020	µg/L	1	U	1	U	1	U	3.60		1	U	123	5	U	--	
	MW-39-012021	1/20/2021	µg/L	853		23.1		48.8		194		1	U	90.1	5	U	--	
	MW-39-032521	3/25/2021	µg/L	117		5	U	6.16		21.3		5	U	72.5	25	U	--	
MW-40	MW-40-120716	12/7/2016	µg/L	6,730		588		7,460		3,390		50	U ^b	373	64.8		--	
	MW-40-031417	3/14/2017	µg/L	11,600		1,280		16,100		7,260		50	U ^b	691	250	U ^b	--	
	MW-40-032017	3/20/2017	µg/L	12,300		1,330		19,600		7,500		200	U ^b	654	1,000	U ^b	--	
	MW-40-033117	3/31/2017	µg/L	13,300		1,500		19,500		8,070		100	U ^b	727	500	U ^b	--	
	MW-40-040617	4/6/2017	µg/L	10,400		1,180		16,200		6,570		200	U ^b	650	1,000	U ^b	--	
	MW-40-062817	6/28/2017	µg/L	9,250		1,030		19,200		6,540		500	U ^b	590	2,500	U ^b	--	
	MW-40-071717	7/17/2017	µg/L	11,400		1,210		25,300		7,430		500	U ^b	727	2,500	U ^b	--	
	MW-40-080117	8/1/2017	µg/L	12,000		1,120		23,200		8,070		500	U ^b	631	2,500	U ^b	--	
	MW-40-090817	9/8/2017	µg/L	14,300		1,250		28,700		9,250		20	U ^b	716	219		--	
	MW-40-100417	10/4/2017	µg/L	13,800		1,000	U ^b	28,800		9,530		1,000	U ^b	1,000	U ^b	5,000	U ^b	--
	MW-40-110817	11/8/2017	µg/L	13,500		1,000	U ^b	23,000		9,290		1,000	U ^b	1,000	U ^b	5,000	U ^b	--
	MW-40-120617	12/6/2017	µg/L	14,300		1,000	U ^b	22,300		10,100		1,000	U ^b	1,000	U ^b	5,000	U ^b	--
	MW-40-010918	1/9/2018	µg/L	12,400		773		22,300		10,200		200	U ^b	497	1,000	U ^b	--	
	MW-40-020618	2/6/2018	µg/L	11,100		777		20,300		9,350		200	U ^b	373	1,000	U ^b	--	
	MW-40-030818	3/8/2018	µg/L	8,450		498		14,500		7,580		50	U ^b	337	250	U ^b	--	
	MW-40-040618	4/6/2018	µg/L	6,710		212		8,350		5,460		100	U ^b	423	500	U ^b	--	
	MW-40-050318	5/3/2018	µg/L	2,890		100	U	3,490		3,350		100	U ^b	288	500	U ^b	--	
	MW-40-060518	6/5/2018	µg/L	472		16.8		514		1,490		1	U	255	20.4		--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte													
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB						
		RBSL^a:	µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05						
MW-40	MW-40-071218	7/12/2018	µg/L	148	6.85	28.7	197	1	U	152	8.62	--					
	MW-40-080218	8/2/2018	µg/L	123	4.46	9.67	93.2	1	U	183	5	U	--				
	MW-40-091218	9/12/2018	µg/L	28.2	1.67	15.3	14.0	1	U	112	5	U	--				
	MW-40-110218	11/2/2018	µg/L	6.40	1	U	2.05	3	U	1	U	76.7	5	U	--		
	MW-40-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	36.2	5	U	--
	MW-40-022019	2/20/2019	µg/L	2.68	1	U	1	U	3	U	1	U	7.34	5	U	--	
	MW-40-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	3.73	5	U	--
	MW-40-051419	5/14/2019	µg/L	1	U	1	U	1	U	3	U	1	U	2.12	5	U	--
	MW-40-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1.81	5	U	--
	MW-40-082119	8/21/2019	µg/L	2.56	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-40-091919	9/19/2019	µg/L	4.50	1	U	3.17	3	U	1	U	1	U	5	U	--	
	MW-40-110619	11/6/2019	µg/L	10.1	1	U	13.1	21.4	1	U	2.67	5	U	--			
	MW-40-121919	12/19/2019	µg/L	86.1	6.09	86.2	127	1	U	12.6	5	U	--				
	MW-40-021120	2/11/2020	µg/L	125	1.10	38.7	78.1	1	U	19.2	5	U	--				
	MW-40-031020	3/10/2020	µg/L	195	2.92	53.0	102	1	U	29.9	5	U	--				
	--	5/4/2020	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	MW-40-070920	7/9/2020	µg/L	1.24	1	U	1	U	3	U	1	U	17.2	5	U	--	
	MW-40-091620	9/16/2020	µg/L	1	U	1	U	1	U	3	U	1	U	25.0	5	U	--
	MW-40-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	37.9	5	U	--
	MW-40-012021	1/20/2021	µg/L	1	U	1	U	1	U	3	U	1	U	17.3	5	U	--
	MW-40-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	8.88	5	U	--
MW-41	MW-41-120716	12/7/2016	µg/L	212	2	U	2	U	155	2	U	6.70	5.60	--			
	MW-41-031417	3/14/2017	µg/L	469	1.78	1	U	275	1	U	4.34	18.1	--				
	MW-41-032017	3/20/2017	µg/L	424	2.62	1	U	342	1	U	1	U	16.9	--			
	MW-41-033117	3/31/2017	µg/L	449	5	U	5	U	343	5	U ^b	5	U	25	U ^b	--	
	MW-41-040617	4/6/2017	µg/L	470	2.06	1	U	258	1	U	3.84	10.6	--				
	MW-41-062817	6/28/2017	µg/L	292	8.83	2.09	271	1	U	3.36	13.3	--					
	MW-41-071717	7/17/2017	µg/L	487	15.8	3.09	366	1	U	3.62	27.9	--					
	MW-41-080117	8/1/2017	µg/L	371	10	U	10	U	260	10	U ^b	10	U	50	U ^b	--	
	MW-41-090817	9/8/2017	µg/L	189	1.51	1	U	90.0	1	U	3.74	5	U	--			
	MW-41-100417	10/4/2017	µg/L	93.5	1	U	1	U	59.9	1	U	1.84	5	U	--		
	MW-41-110817	11/8/2017	µg/L	99.6	1	U	1	U	56.6	1	U	2.46	5.68	--			
	MW-41-120617	12/6/2017	µg/L	27.6	1	U	1	U	11.1	1	U	1.62	5	U	--		
	MW-41-010918	1/9/2018	µg/L	2.06	1	U	1	U	3	U	1	U	1.43	5	U	--	
	MW-41-020618	2/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	5	U	--	
	MW-41-030818	3/8/2018	µg/L	1	U	1	U	1	U	3	U	1	U	5	U	--	
	MW-41-040618	4/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	5	U	--	

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
RBSL ^a :			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-41	MW-41-050318	5/3/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-071218	7/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-021919	2/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-051519	5/15/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-081919	8/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-110419	11/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-021120	2/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	--	5/4/2020	--	NS		NS		NS		NS		NS		NS		NS		NS
	MW-41-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-091520	9/15/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-012021	1/20/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-41-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-42	MW-42-120716	12/7/2016	µg/L	3.80		1	U	1	U	2.70		1	U	1	U	1	U	--
	MW-42-031417	3/14/2017	µg/L	19.3		1	U	1	U	3	U	1	U	1.12		5	U	--
	MW-42-032017	3/20/2017	µg/L	59.6		1	U	1	U	16.9		1	U	1.24		5	U	--
	MW-42-033117	3/31/2017	µg/L	135		1	U	1	U	73.8		1	U	1	U	5.19		--
	MW-42-040617	4/6/2017	µg/L	93.5		1	U	1	U	53.3		1	U	1.18		5	U	--
	MW-42-062817	6/28/2017	µg/L	15.1		1	U	1	U	11.7		1	U	1.25		5	U	--
	MW-42-090817	9/8/2017	µg/L	143		1	U	1	U	100		1	U	1.51		5.52		--
	MW-42-120617	12/6/2017	µg/L	9.82		1	U	1	U	45.0		1	U	1.24		5	U	--
	MW-42-030818	3/8/2018	µg/L	1.02		1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-42-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-42-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-42-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-42-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-42-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-42-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
RBSL ^a :			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-42	MW-42-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-42-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-42-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-42-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-42-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-43	MW-43-110817	11/8/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-010918	1/9/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-020618	2/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-030818	3/8/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-040618	4/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-050318	5/3/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-071218	7/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	4.42		5	U	--
	MW-43-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-091719	9/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	--	7/6/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS
	--	11/10/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS
	MW-43-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-43B	MW-43B-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43B-030818	3/8/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43B-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43B-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43B-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43B-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43B-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43B-091719	9/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43B-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-43B-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	--	7/6/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS
	--	11/10/2020	--	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS
	MW-43B-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte													
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB						
			RBSL ^a : µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05						
MW-44	--	3/13/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-44-062917	6/29/2017	µg/L	1.06	1	U	7.12	3.11	1	U	1	U	5	U	--		
	--	9/5/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	12/4/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-44-030818	3/8/2018	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44-060518	6/5/2018	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44-091318	9/13/2018	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44-120518	12/5/2018	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44-030519	3/5/2019	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44-060419	6/4/2019	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	9/16/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-44-121919	12/19/2019	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44-031220	3/12/2020	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	7/6/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS
	--	11/10/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS
	MW-44-032421	3/24/2021	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-44B	MW-44B-031317	3/13/2017	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-062817	6/28/2017	µg/L	1	U	1	U	2.39	3	U	1	U	1	U	5	U	--
	MW-44B-090717	9/7/2017	µg/L	1	U	1	U	3.07	3	U	1	U	1	U	5	U	--
	MW-44B-120517	12/5/2017	µg/L	1	U	1	U	2.27	3	U	1	U	1	U	5	U	--
	MW-44B-030818	3/8/2018	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-060518	6/5/2018	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-091118	9/11/2018	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-120518	12/5/2018	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-030519	3/5/2019	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-060419	6/4/2019	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-091919	9/19/2019	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-121719	12/17/2019	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-031220	3/12/2020	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	7/6/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS
	--	11/10/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS
	MW-44B-032421	3/24/2021	µg/L	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-45	--	3/13/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/20/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/31/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	4/6/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
			RBSL^a:	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-45	--	5/3/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	
	MW-45-062917	6/29/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45-071717	7/17/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45-080217	8/2/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	--	9/5/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	10/4/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	11/8/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	12/4/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	1/8/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	2/6/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-45-030618	3/6/2018	µg/L	24.3		6.11		28.9		41.2		1	U	1	U	5	U	--
	MW-45-040618	4/6/2018	µg/L	21.9		3.08		19.6		36.6		1	U	1	U	5	U	--
	MW-45-050318	5/3/2018	µg/L	2.65		1	U	1	U	1	U	1	U	3.35		5	U	--
	MW-45-060718	6/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45-071318	7/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45-091318	9/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	46.3		5	U	--
	MW-45-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	3.67		5	U	--
	MW-45-030519	3/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	47.7		5	U	--
	MW-45-091719	9/17/2019	µg/L	5.24		1	U	1	U	1	U	1	U	103		5	U	--
	--	12/16/2019	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-45-021220	2/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	19.5		5	U	--
	MW-45-031120	3/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1.15		5	U	--
	MW-45-050620	5/6/2020	µg/L	1	U	1	U	1	U	3	U	1	U	5.40		5	U	--
	MW-45-070920	7/9/2020	µg/L	1	U	1	U	3.71		3	U	1	U	32.3		5	U	--
	MW-45-091520	9/15/2020	µg/L	4.11		1	U	12.1		4.88		1	U	80.9		5	U	--
	MW-45-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	62.7		5	U	--
	MW-45-012021	1/20/2021	µg/L	1	U	1	U	1	U	3.48		1	U	25.1		5	U	--
	MW-45-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	8.64		5	U	--
MW-45B	MW-45B-031317	3/13/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45B-032017	3/20/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45B-033117	3/31/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45B-040617	4/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45B-062817	6/28/2017	µg/L	1	U	1	U	1.73		3	U	1	U	1	U	5	U	--
	--	9/5/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-45B-120717	12/7/2017	µg/L	1	U	1	U	3.26		3	U	1	U	1	U	5	U	--

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene		Ethylbenzene		Toluene		Total Xylenes		1,2-DCA		MTBE		Naphthalene		EDB
RBSL ^a :			µg/L	5.0		700		1,000		10,000		5.0		40		25		0.05
MW-45B	MW-45B-030618	3/6/2018	µg/L	1	U	1	U	2.75		3	U	1	U	1	U	5	U	--
	MW-45B-060718	6/7/2018	µg/L	1	U	1	U	1.94		3	U	1	U	1	U	5	U	--
	MW-45B-091118	9/11/2018	µg/L	1	U	1	U	1.16		3	U	1	U	1	U	5	U	--
	MW-45B-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45B-030519	3/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45B-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45B-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45B-121719	12/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45B-031220	3/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45B-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45B-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-45B-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-46	MW-46-120617	12/6/2017	µg/L	4.97		1	U	1	U	7.74		1	U	85.5		5	U	--
	MW-46-030618	3/6/2018	µg/L	173		1.76		16.5		29.5		1	U	129		7.21		--
	MW-46-060518	6/5/2018	µg/L	294		1	U	11.8		147		1	U	184		5	U	--
	MW-46-080218	8/2/2018	µg/L	1,520		4.24		92.1		763		1	U	200		20.7		--
	MW-46-091118	9/11/2018	µg/L	1,510		6.81		64.0		597		1	U	311		23.4		--
	MW-46-110218	11/2/2018	µg/L	1,790		7.10		120		740		1	U	299		16.6		--
	MW-46-120518	12/5/2018	µg/L	1,250		3.07		46.7		521		1.90		290		7.38		--
	MW-46-022019	2/20/2019	µg/L	2,380		2.97		82.4		799		1	U	346		22.4		--
	MW-46-030519	3/5/2019	µg/L	2,350		4.01		73.7		701		1	U	406		32.8		--
	MW-46-051419	5/14/2019	µg/L	1,300		2.27		54.8		412		1	U	174		28.9		--
	MW-46-060519	6/5/2019	µg/L	1,300		10	U	19.5		400		10	U ^b	278		50	U ^b	--
	MW-46-071719	7/17/2019	µg/L	976		1	U	29.1		237		1	U	198		15.5		--
	MW-46-082119	8/21/2019	µg/L	874		25	U	25	U	226		25	U ^b	191		125	U ^b	--
	MW-46-091719	9/17/2019	µg/L	705		25	U	26.1		150		25	U ^b	175		125	U ^b	--
	MW-46-110719	11/7/2019	µg/L	136		5	U	5	U	18.8		5	U	158		25	U	--
	MW-46-122019	12/20/2019	µg/L	7.14		1	U	1	U	3	U	1	U	121		5	U	--
	MW-46-021320	2/13/2020	µg/L	5	U	5	U	5	U	15	U	5	U	122		25	U	--
	MW-46-031220	3/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	161		5	U	--
	MW-46-050520	5/5/2020	µg/L	8.35		1	U	1	U	3	U	1	U	136		5	U	--
	MW-46-072220	7/22/2020	µg/L	55.7		1	U	1	U	6.54		1	U	147		5	U	--
	MW-46-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	62.2		5	U	--
	MW-46-032421	3/24/2021	µg/L	1	U	1	U	1	U	3	U	1	U	57.3		5	U	--

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene		Ethylbenzene		Toluene		Total Xylenes		1,2-DCA		MTBE		Naphthalene		EDB
RBSL ^a :			µg/L	5.0		700		1,000		10,000		5.0		40		25		0.05
MW-47	MW-47-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-47-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-47-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-47-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-47-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-47-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-47-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-47-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-47-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-47-031120	3/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-47-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-47-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-47-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-48B	MW-48B-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	2.92		5	U	--
	MW-48B-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	2.97		5	U	--
	MW-48B-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	2.12		5	U	--
	MW-48B-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1.80		5	U	--
	MW-48B-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1.56		5	U	--
	MW-48B-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1.64		5	U	--
	MW-48B-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1.45		5	U	--
	MW-48B-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1.14		5	U	--
	MW-48B-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U		U	5	U	--
	MW-48B-031120	3/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1.23		5	U	--
	--	7/6/2020	--	NS		NS		NS		NS		NS		NS		NS		NS
	MW-48B-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-48B-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-49	MW-49-120617	12/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-49-030818	3/8/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-49-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-49-091118	9/11/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-49-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-49-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-49-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-49-091719	9/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-49-121719	12/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-49-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
		RBSL^a:	µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-49	--	7/6/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS		
	--	11/10/2020	--	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS	NS-SS		
	MW-49-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-50B	MW-50B-120617	12/6/2017	µg/L	1.37		1	U	1	U	3	U	1	U	35.5		5	U	--
	MW-50B-030718	3/7/2018	µg/L	1	U	1	U	1	U	3	U	1	U	26.7		5	U	--
	MW-50B-060618	6/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	21.8		5	U	--
	MW-50B-091218	9/12/2018	µg/L	150		1.20		57.9		47.8		1	U	87.9		5	U	--
	MW-50B-120618	12/6/2018	µg/L	27.4		1	U	3.21		3	U	1	U	40.6		5	U	--
	MW-50B-030619	3/6/2019	µg/L	1.18		1	U	1	U	3	U	1	U	43.9		5	U	--
	MW-50B-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	44.1		5	U	--
	MW-50B-091819	9/18/2019	µg/L	25.6		1	U	1.20		3	U	1	U	43.1		5	U	--
	MW-50B-121819	12/18/2019	µg/L	2.30		1	U	1	U	3	U	1	U	32.4		5	U	--
	MW-50B-021820	2/18/2020	µg/L	1	U	1	U	1	U	3	U	1	U	42.1		5	U	--
	MW-50B-031120	3/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	60.5		5	U	--
	MW-50B-050620	5/6/2020	µg/L	39.0		1	U	1	U	3	U	1	U	65.0		5	U	--
	MW-50B-070820	7/8/2020	µg/L	44.8		1	U	1	U	3	U	1	U	68.9		5	U	--
	MW-50B-091820	9/18/2020	µg/L	43.3		1	U	1	U	3	U	1	U	41.9		5	U	--
	MW-50B-111220	11/12/2020	µg/L	737		1	U	2.29		31.2		1	U	84.9		5	U	--
	MW-50B-012021	1/20/2021	µg/L	948		1	U	1.06		13.3		1	U	97.5		5	U	--
	MW-50B-032521	3/25/2021	µg/L	641		1	U	1	U	4.43		1	U	113		5	U	--
MW-51	MW-51-100518	10/5/2018	µg/L	1	U	1	U	1.88		3	U	1	U	1	U	5	U	--
	MW-51-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-51-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-51-051519	5/15/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-51-081919	8/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-51-110419	11/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	3.57		5	U	--
	MW-51-021120	2/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-51-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-51-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	3.23		5	U	--
	MW-51-032521	3/25/2021	µg/L	1	U	1	U	1	U	3	U	1	U	3.28		5	U	--
MW-52	MW-52-100518	10/5/2018	µg/L	1	U	1	U	1.25		3	U	1	U	3.12		5	U	--
	MW-52-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-52-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1.32		5	U	--
	MW-52-051519	5/15/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-52-081919	8/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	2.01		5	U	--
	MW-52-110419	11/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
RBSL ^a :			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-52	MW-52-021120	2/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-52-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1.76		5	U	--
	MW-52-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-52-032621	3/26/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-53	MW-53-100518	10/5/2018	µg/L	1	U	1	U	5.43		3	U	1	U	1	U	5	U	--
	MW-53-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-53-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-53-051519	5/15/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-53-081919	8/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-53-110419	11/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-53-021320	2/13/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-53-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-53-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	--	3/23/2021	--	NS		NS		NS		NS		NS		NS		NS		NS
MW-54	MW-54-100518	10/5/2018	µg/L	1	U	1	U	1.72		3	U	1	U	1.35		5	U	--
	MW-54-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-54-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-54-051519	5/15/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-54-081919	8/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-54-110419	11/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-54-021320	2/13/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-54-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-54-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-54-032621	3/26/2021	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-55	MW-55-040919	4/9/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-55-051519	5/15/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-55-081919	8/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-55-110419	11/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-55-021820	2/18/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-55-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	MW-55-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
	--	3/24/2021	--	No property access.														
MW-56	MW-56-040919	4/9/2019	µg/L	209		1	U	2.57		93.9		1	U	79.9		5	U	--
	MW-56-051519	5/15/2019	µg/L	299		1	U	4.11		119		1	U	86.2		5.33		--
	MW-56-071719	7/17/2019	µg/L	549		1	U	8.90		205		1	U	146		8.18		--
	MW-56-082119	8/21/2019	µg/L	391		10	U	10	U	91.1		10	U ^b	134		50	U ^b	--

Table 5B. Analytical Results for Groundwater, Historical
Products (SE) Pipe Line Corporation
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte													
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB						
			RBSL^a:	5.0	700	1,000	10,000	5.0	40	25	0.05						
MW-56	MW-56-091719	9/17/2019	µg/L	30.1	1	U	1	U	8.51	1	U	137	5	U	--		
	MW-56-110519	11/5/2019	µg/L	5.55	1	U	1	U	3	U	1	U	168	5	U	--	
	MW-56-121719	12/17/2019	µg/L	84.3	1	U	1.13		33.6	1	U	141	5	U	--		
	MW-56-021320	2/13/2020	µg/L	135	1	U	1.61		51.5	1	U	192	5	U	--		
	MW-56-031120	3/11/2020	µg/L	46.6	1	U	1	U	19.1	1	U	192	5	U	--		
	MW-56-050420	5/4/2020	µg/L	1.49	1	U	1	U	3	U	1	U	95.1	5	U	--	
	MW-56-072220	7/22/2020	µg/L	1	U	1	U	1	3	U	1	U	55.3	5	U	--	
	MW-56-091520	9/15/2020	µg/L	1	U	1	U	1	3	U	1	U	48.5	5	U	--	
	MW-56-111120	11/11/2020	µg/L	1	U	1	U	1	3	U	1	U	31.4	5	U	--	
	MW-56-012021	1/20/2021	µg/L	1	U	1	U	1	3	U	1	U	60.0	5	U	--	
	MW-56-032421	3/24/2021	µg/L	1	U	1	U	1	3	U	1	U	70.0	5	U	--	
MW-57	MW-57-040919	4/9/2019	µg/L	1,340	2.81		42.0		406	1	U	198	20.5		--		
	MW-57-051519	5/15/2019	µg/L	535	1.36		11.1		178	1	U	169	8.65		--		
	MW-57-071719	7/17/2019	µg/L	1,330	3.63		22.9		341	1	U	186	19.8		--		
	MW-57-082119	8/21/2019	µg/L	584	10	U	10	U	76.2	10	U ^b	183	50	U ^b	--		
	MW-57-091719	9/17/2019	µg/L	71.8	10	U	10	U	30	U	10	U ^b	74.6	50	U ^b	--	
	MW-57-110519	11/5/2019	µg/L	514	1	U	11.2		83.5	1	U	193	5	U	--		
	MW-57-121719	12/17/2019	µg/L	154	1	U	1.85		11.5	1	U	108	5	U	--		
	MW-57-021220	2/12/2020	µg/L	42.8	1	U	1	U	3	U	1	U	64.3	5	U	--	
	MW-57-031120	3/11/2020	µg/L	99.4	1	U	1	U	9.45	1	U	98.4	5	U	--		
	MW-57-050420	5/4/2020	µg/L	117	1	U	1	U	10.3	1	U	119	5	U	--		
	MW-57-072220	7/22/2020	µg/L	182	1	U	1	U	17.2	1	U	106	5	U	--		
	MW-57-091520	9/15/2020	µg/L	38.1	1	U	1	U	3	U	1	U	97.2	5	U	--	
	MW-57-111120	11/11/2020	µg/L	1	U	1	U	1	3	U	1	U	1	U	5	U	--
	MW-57-012021	1/20/2021	µg/L	20.4	1	U	1	U	3	U	1	U	50.1	5	U	--	
	MW-57-032421	3/24/2021	µg/L	17.2	1	U	1	U	3	U	1	U	56.2	5	U	--	
MW-60	MW-60-050420	5/4/2020	µg/L	421	1	U	7.61		175	1	U	111	5.67		--		
	MW-60-070720	7/7/2020	µg/L	970	1.19		15.4		252	1	U	145	10.3		--		
	MW-60-091520	9/15/2020	µg/L	1,190	20	U	20	U	55.7	20	U ^b	212	100	U ^b	--		
	MW-60-111120	11/11/2020	µg/L	1.38	1	U	1	U	3	U	1	U	5.57	5	U	--	
	MW-60-012021	1/20/2021	µg/L	1	U	1	U	1	3	U	1	U	1	U	5	U	--
	MW-60-032421	3/24/2021	µg/L	1	U	1	U	1	3	U	1	U	1	U	5	U	--

Table 5B. Analytical Results for Groundwater, Historical

Products (SE) Pipe Line Corporation

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte											
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB				
			RBSL^a:	5.0	700	1,000	10,000	5.0	40	25	0.05				

Notes:

^a RBSL = Risk-based screening levels identified in South Carolina Underground Storage Tank Management Division Programmatic Quality Assurance Program Plan, Revision 3.1, Table D1 "RBSLs for Groundwater," February 2016

^b The analyte was analyzed for, but was not detected above the laboratory reporting/quantitation limit. However, the laboratory reporting/quantitation limit is above the screening criteria. The actual absence or presence of this analyte between the screening criteria and the laboratory reporting/quantitation limit cannot be determined.

Samples analyzed by EPA Methods SW 8260B and 8011.

Bold indicates the analyte was detected above the method detection limit.

Gray shading indicates the analyte exceeded RBSLs.

µg/L = microgram(s) per liter

1,2-DCA = 1,2-dichloroethane

EDB = 1,2-dibromoethane

ID = identification

MTBE = methyl tertiary butyl ether

MW = monitoring well

U = analyte was not detected above the reported sample quantitation limit

J = estimated result

UJ = analyte was not detected above the reported sample quantitation limit and should be considered estimated

NS-FP = sample not collected due to the presence of free product in the well

NS-HS = sample not collected due to health and safety concerns

NS-IW = sample not collected due to insufficient volume of water in well

NS-OL = sample not collected because it was overlooked in the field

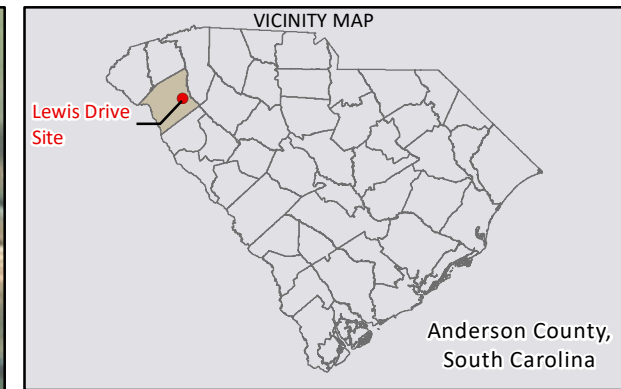
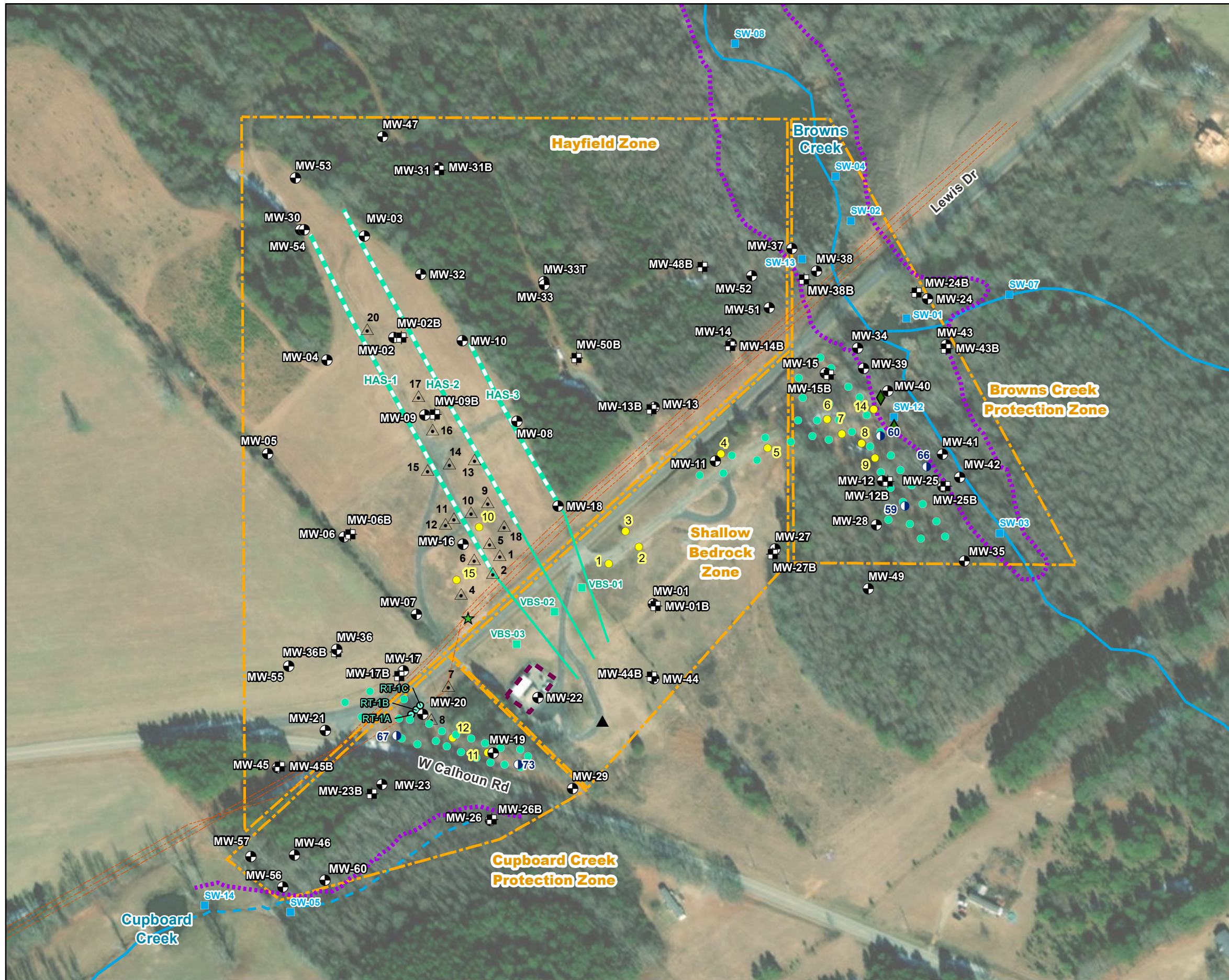
NS-SL = sample not analyzed due to sample being lost in transit to laboratory

NS-PS = sample not collected due to the observation of product sheen in well

NS-SS = sample not collected based on revised sampling schedule.

NS = not sampled

Figures



- LEGEND**
- ★ Release Point
 - ⊙ Residuum Monitoring Well
 - ⊞ Bedrock Monitoring Well
 - ⊕ Piezometer
 - △ Recovery Sump
 - Recovery Trench Point
 - Recovery Well (4-inch diameter)
 - Surface Water Sampling Location
 - ▲ Septic Tank
 - ◆ Seep Location
 - Vertical Bedrock Sparging Well
 - Vertical Saprolite Sparging Well
 - Pipeline
 - Horizontal Sparging Well Riser
 - Horizontal Sparging Well Screen
 - Waterbody
 - - - Intermittent Stream
 - Inspection Route for Sheen or Distressed Vegetation
 - ⊞ AS System Compound
 - ⊞ Remediation Zone

Base Map Sources:
 *Environmental Systems Research Institute (Esri)
 ArcMap World Imagery, 2018. Basemap features are approximate.
 *United States Geological Survey (USGS) National Hydrography Dataset (NHD)

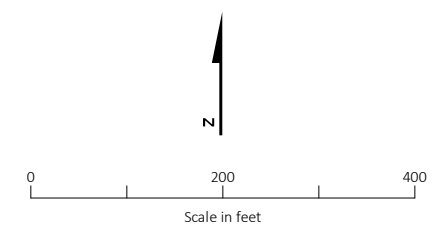
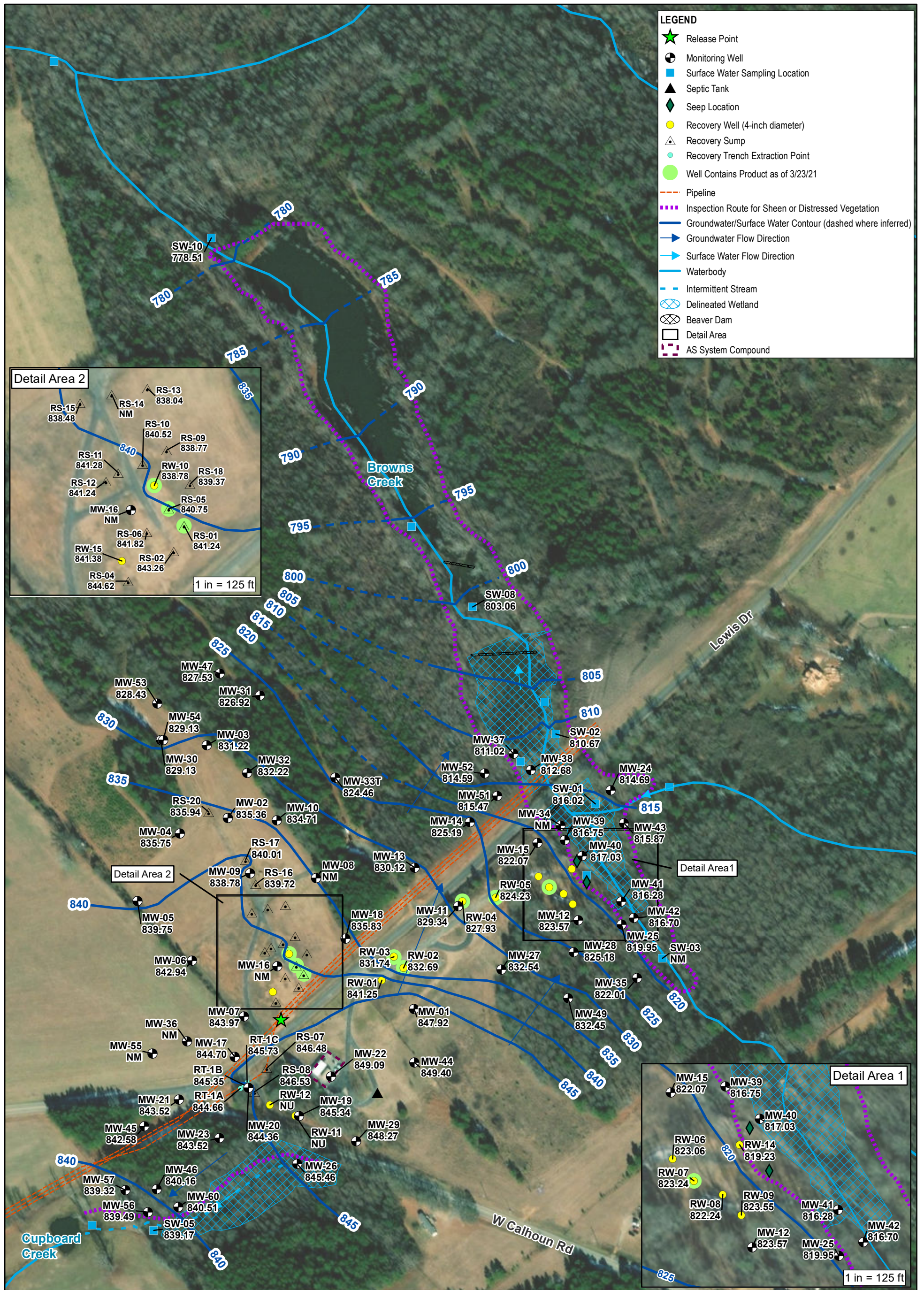


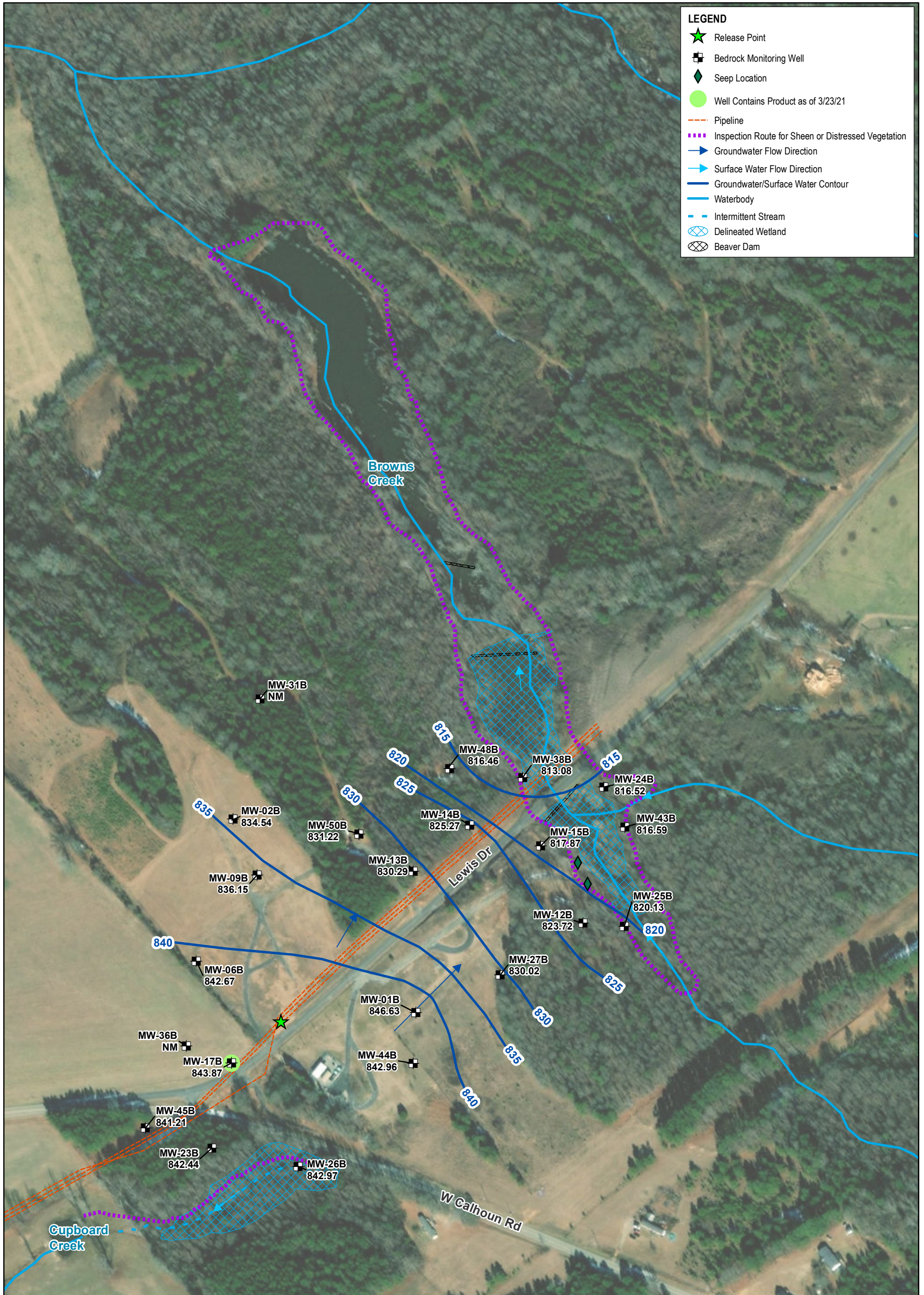
Figure 1. Site Overview
 Lewis Drive Remediation Site
 Belton, South Carolina
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"



819.95 Corrected Groundwater Elevation as of 3/23/2021 in feet above mean sea level.
 NM Not measured during this sampling event.
 NU Not Used. The water level was not used for creation of the potentiometric surface map due to air sparge system influence at the well location.

Base Map Sources:
 *Environmental Systems Research Institute (Esri) ArcMap World Imagery, 2018.
 Basemap features are approximate.
 *United States Geological Survey (USGS), National Hydrography Dataset (NHD)

Figure 2A. Residuum Groundwater and Surface Water Elevation Map
 Lewis Drive Remediation Site
 Belton, South Carolina
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"



823.72 Corrected Groundwater Elevation as of 3/23/2021 in feet above mean sea level.
 NM Not measured during this sampling event.

Base Map Sources:
 *Environmental Systems Research Institute (Esri)
 ArcMap World Imagery, 2018. Basemap features are approximate.
 *United States Geological Survey (USGS)
 National Hydrography Dataset (NHD)

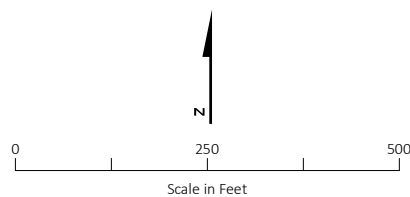
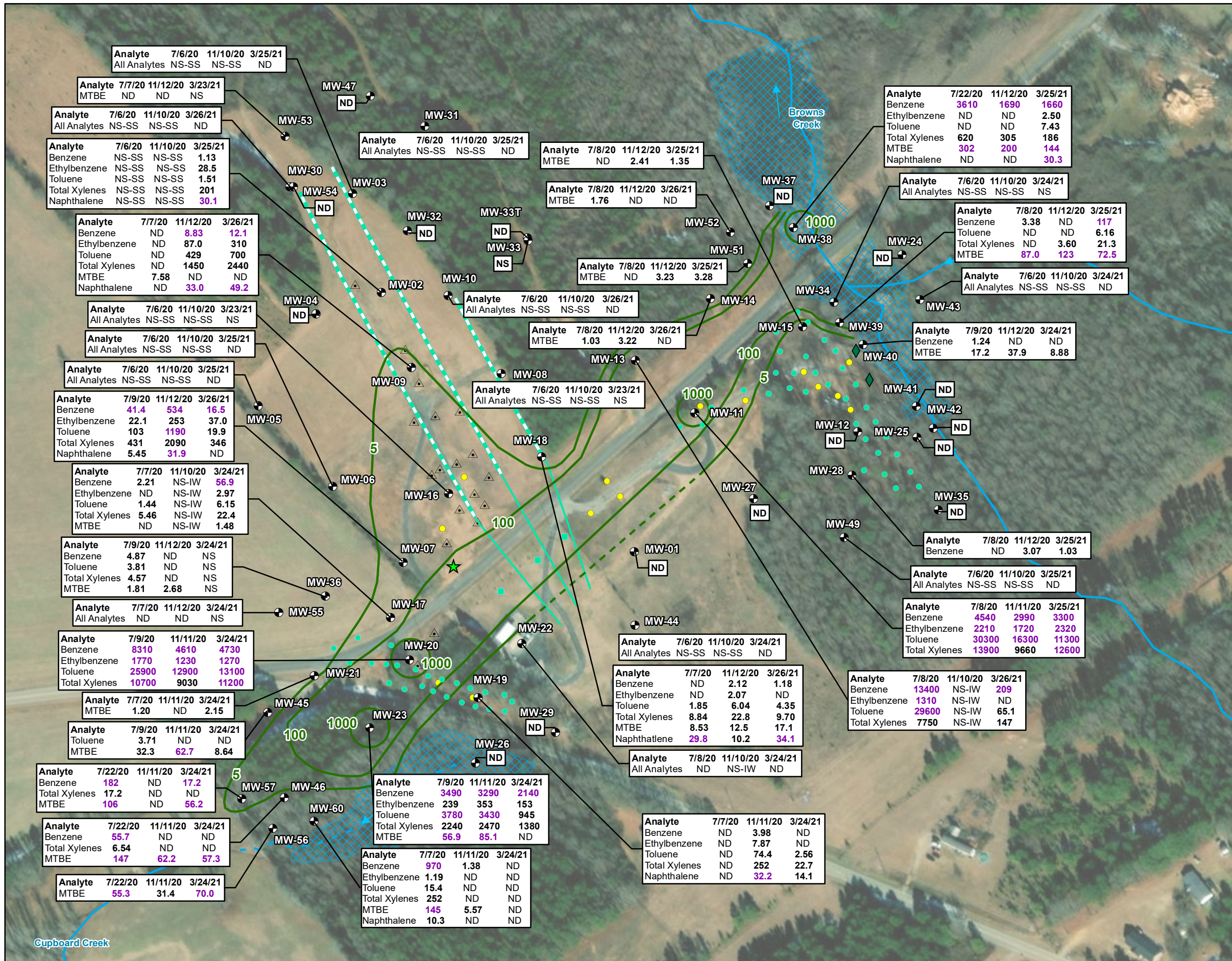


Figure 2B. Bedrock Groundwater Elevation Map
 Lewis Drive Remediation Site
 Belton, South Carolina
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"



LEGEND

- ★ Release Point
- Vertical Bedrock Sparging Well
- Vertical Saproelite Sparging Well
- ◆ Seep Location
- Recovery Well (4-inch diameter)
- △ Recovery Sump
- Dissolved Benzene Plume Extent as of March 2021 (µg/L) (dashed where inferred)
- Horizontal Sparging Well Riser
- Horizontal Sparging Well Screen
- Surface Water Flow Direction
- Waterbody
- Intermittent Stream
- ▨ Delineated Wetland

NOTES:

1. Total Xylenes is the sum of m&p xylenes and o-xylene.
2. MTBE = Methyl Tertiary Butyl Ether
3. Analyte concentration in microgram(s) per liter (µg/L)
4. Only detected analytes are shown on map.
5. ND = Groundwater was collected and analyzed, but no analytes were detected above the reported sample quantitation limit.
6. NS = Not sampled
7. NS-IW = Sample not collected due to insufficient volume of water in well.
8. NS-SS = sample not collected based on revised sampling schedule.

Purple indicates the analyte exceeded risk-based screening levels (RBSLs) identified in South Carolina Underground Storage Tank Management Division Programmatic Quality Assurance Program Plan Revision 3.1, Table D1 "RBSLs for Groundwater", February 2016.

Base Map Sources:
 *Environmental Systems Research Institute (Esri)
 ArcMap World Imagery, 2018. Basemap features are approximate.
 *United States Geological Survey (USGS) National Hydrography Dataset (NHD)

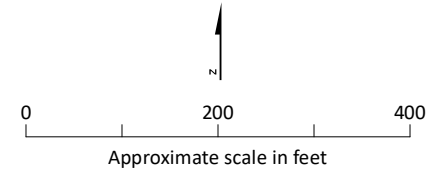
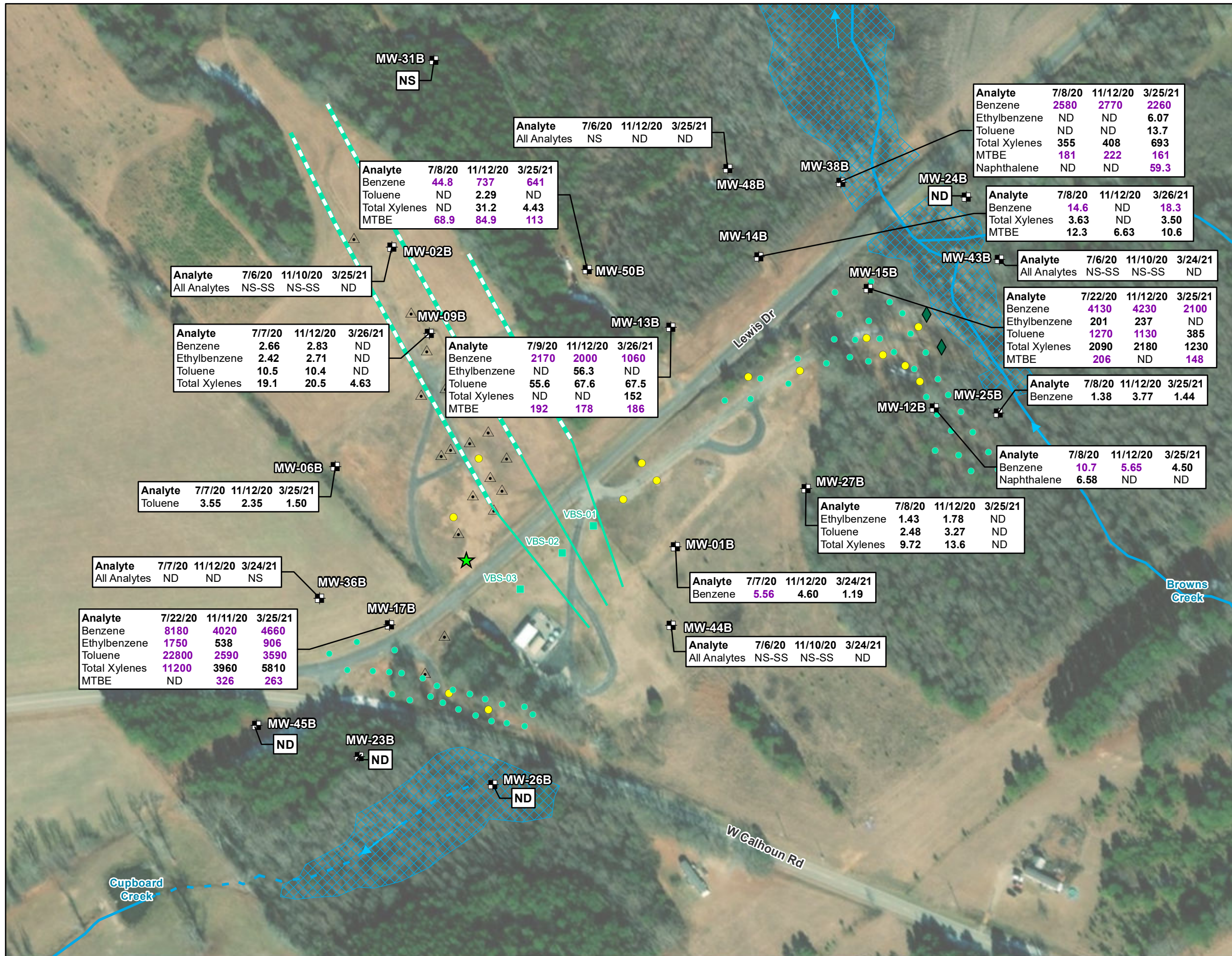


Figure 3A. Groundwater Analytical Results in Residuum Aquifer, July 2020, November 2020, and March 2021
 Lewis Drive Remediation Site
 Belton, South Carolina
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"



LEGEND

- ★ Release Point
- Bedrock Monitoring Well
- Vertical Bedrock Sparing Well
- Vertical Saprolite Sparing Well
- ◆ Seep Location
- Recovery Well (4-inch diameter)
- △ Recovery Sump
- Surface Water Flow Direction
- Horizontal Sparging Well Riser
- Horizontal Sparging Well Screen
- Waterbody
- - - Intermittent Stream
- ▨ Delineated Wetland

NOTES:

1. Total Xylenes is the sum of m&p xylenes and o-xylene.
2. MTBE = Methyl Tertiary Butyl Ether
3. Analyte concentration in microgram(s) per liter (µg/L)
4. Only detected analytes are shown on map.
5. ND = Groundwater was collected and analyzed, but no analytes were detected above the reported sample quantitation limit.
6. NS = Not sampled
7. NS-SS = sample not collected based on revised sampling schedule.

Purple indicates the analyte exceeded risk-based screening levels (RBSLs) identified in South Carolina Underground Storage Tank Management Division Programmatic Quality Assurance Program Plan Revision 3.1, Table D1 "RBSLs for Groundwater", February 2016.

Base Map Sources:
 *Environmental Systems Research Institute (Esri)
 ArcMap World Imagery, 2018. Basemap features are approximate.
 *United States Geological Survey (USGS) National Hydrography Dataset (NHD)

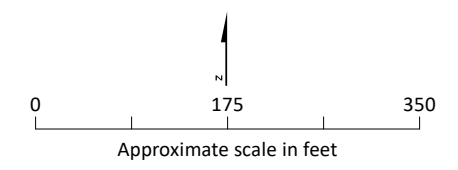
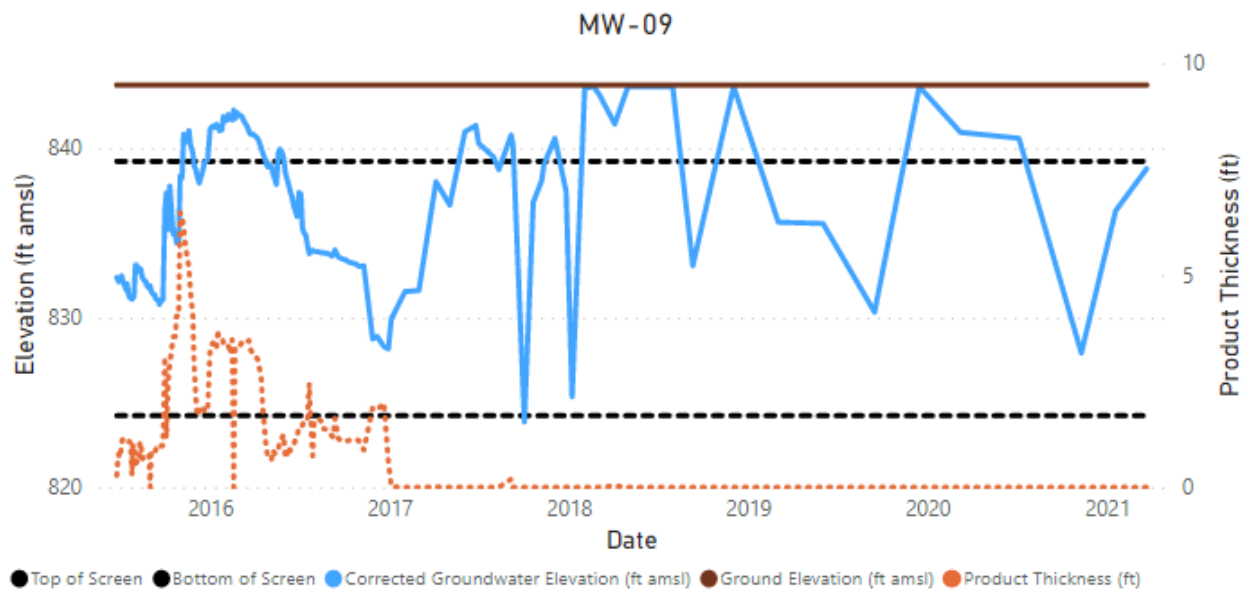
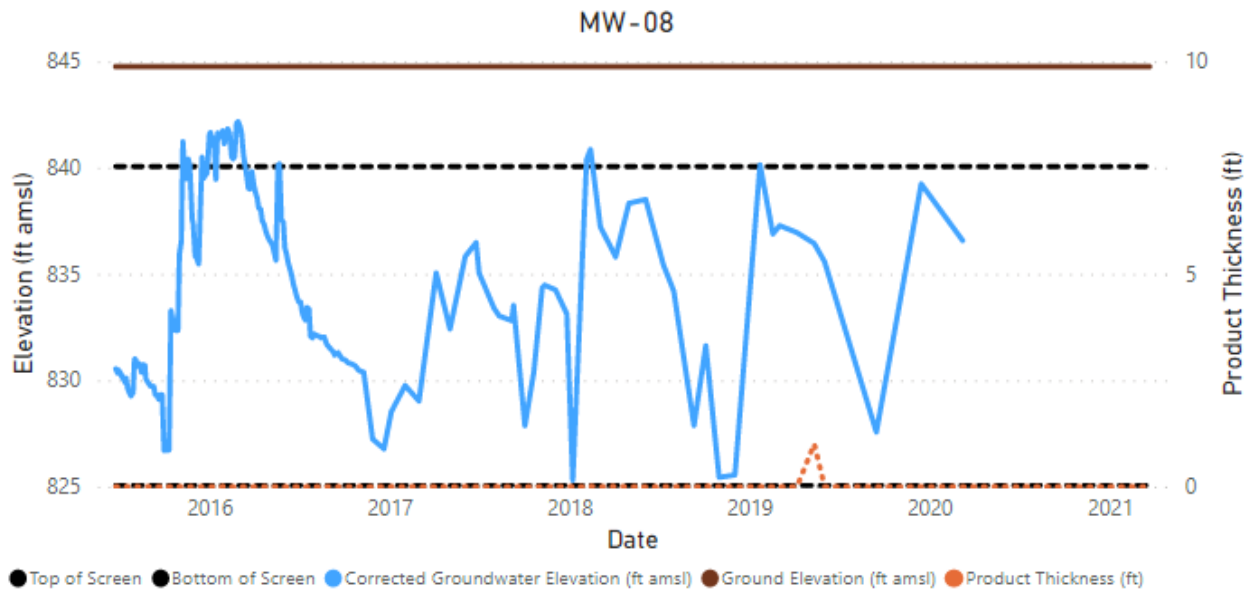


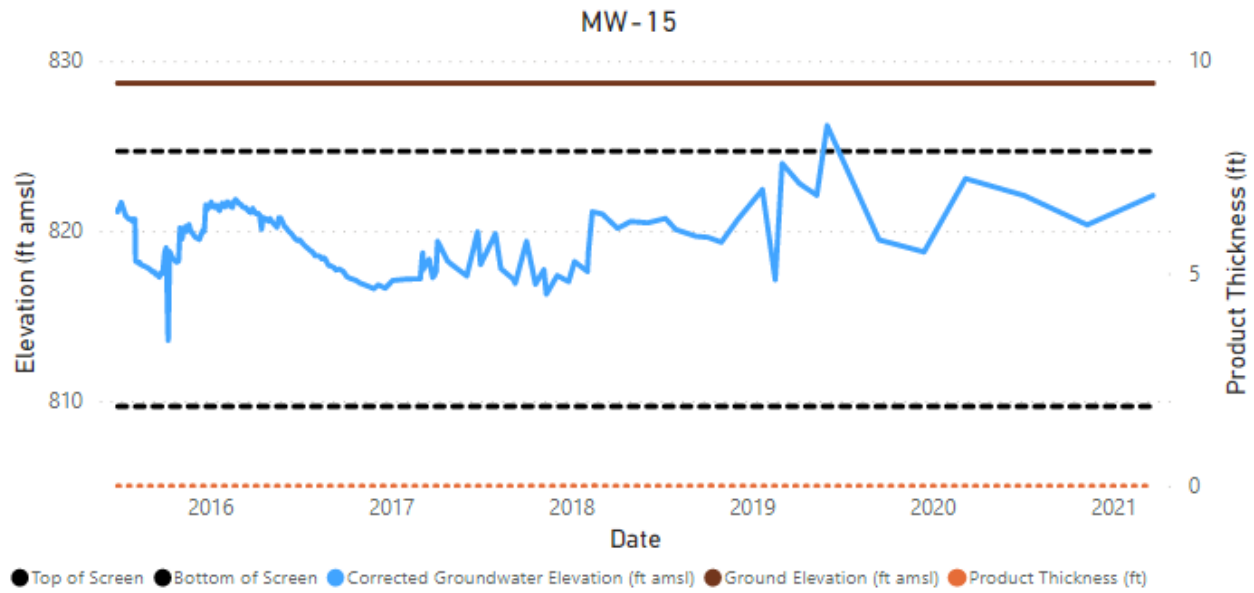
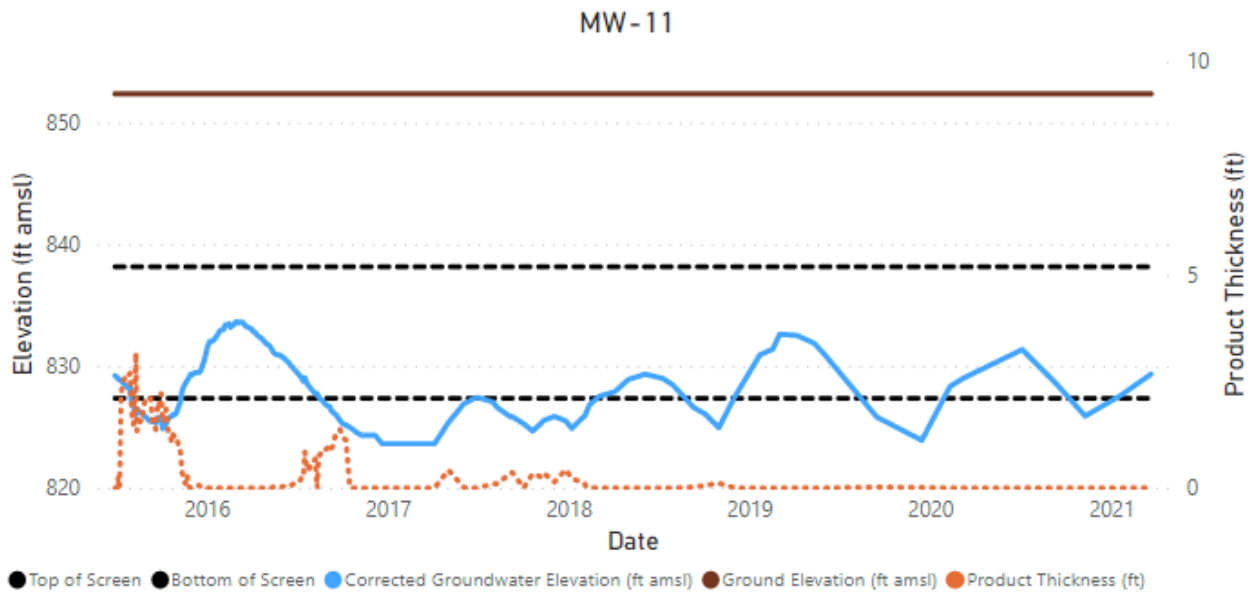
Figure 3B. Groundwater Analytical Results in Bedrock Aquifer, July 2020, November 2020, and March 2021
 Lewis Drive Remediation Site
 Belton, South Carolina
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Attachment A
Product Thickness Trends

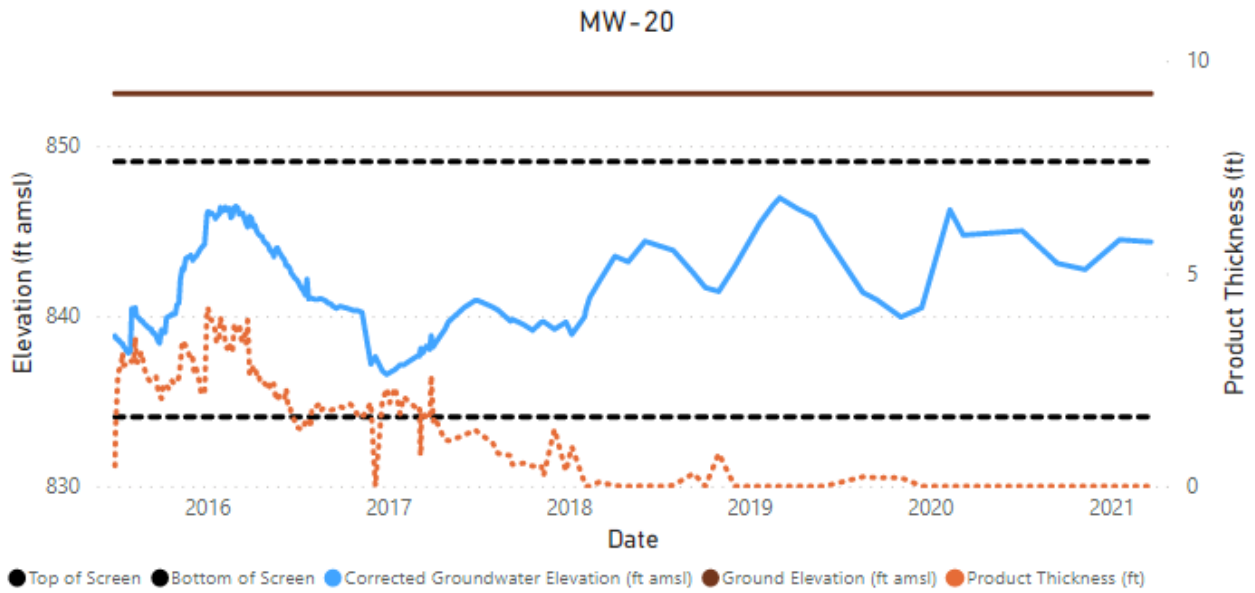
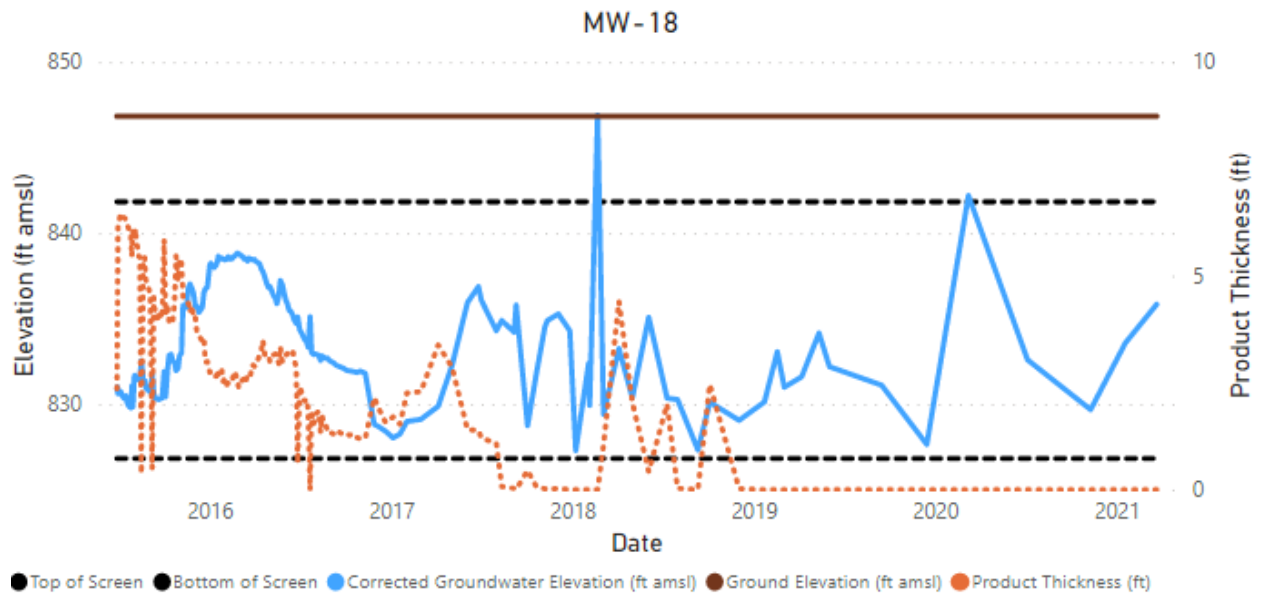
Attachment A – Product Thickness Trends



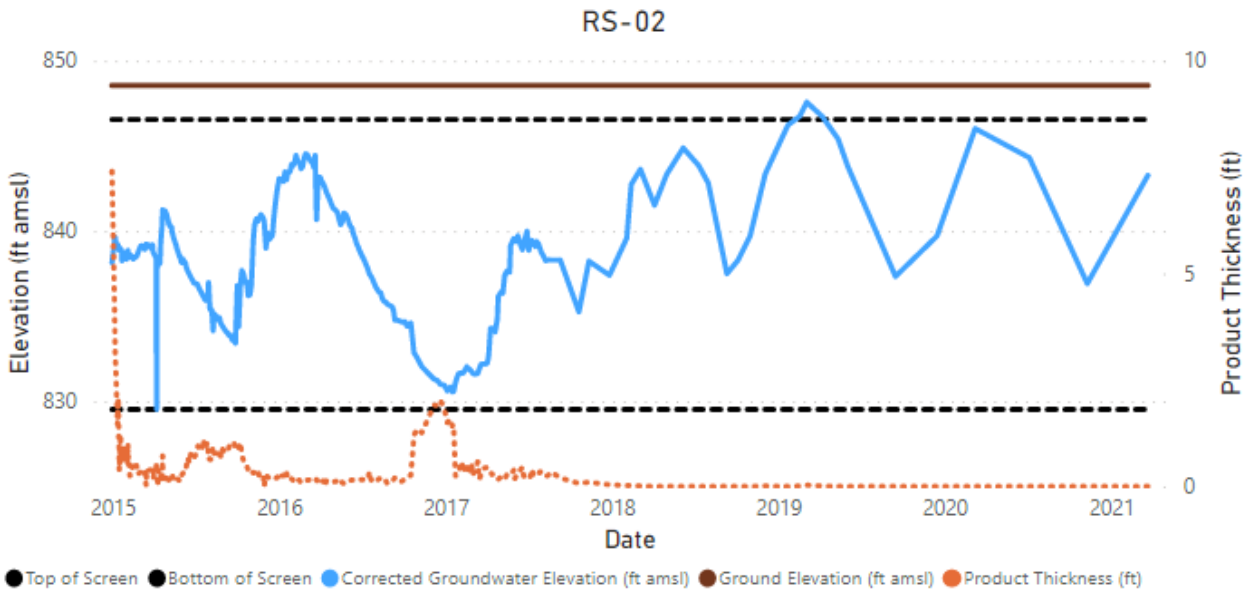
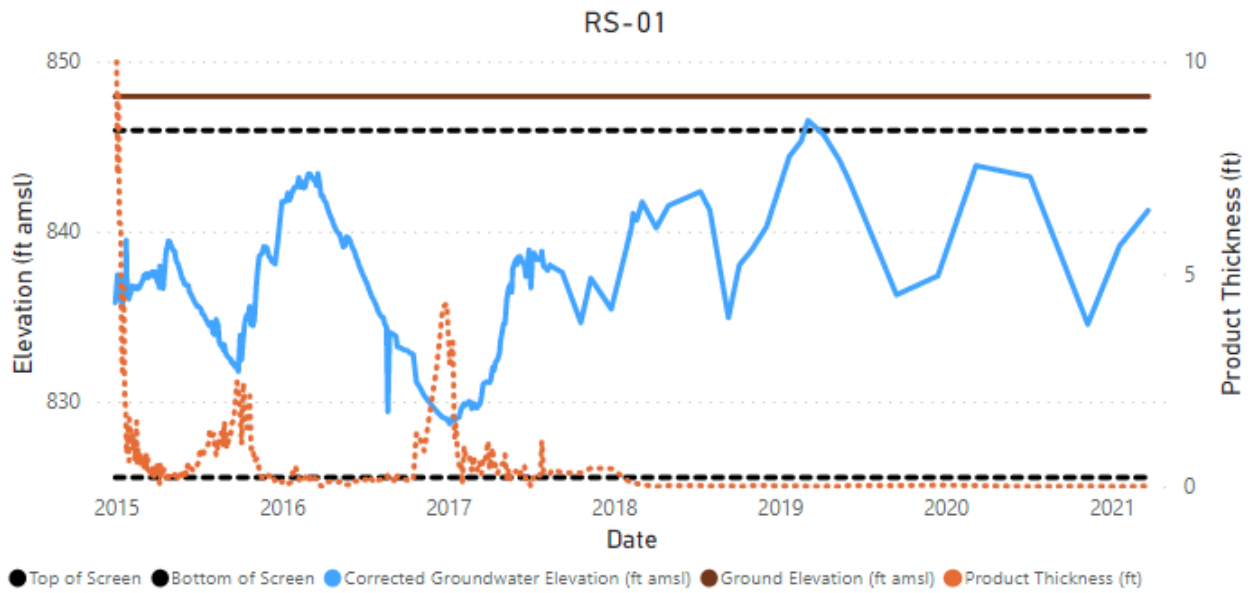
Attachment A – Product Thickness Trends



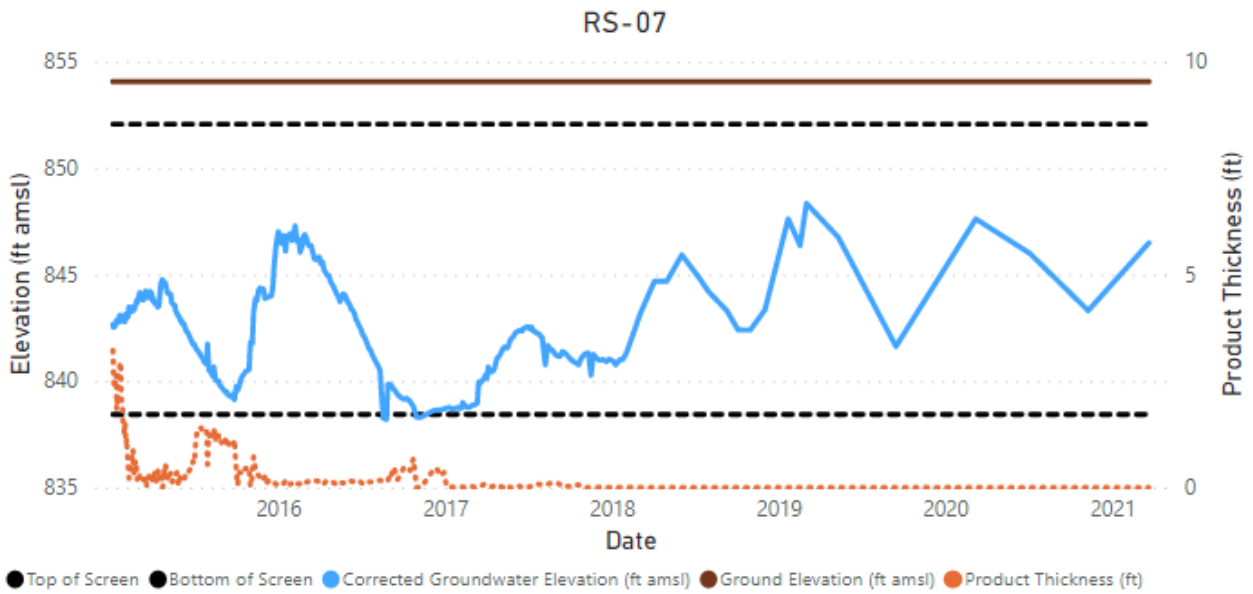
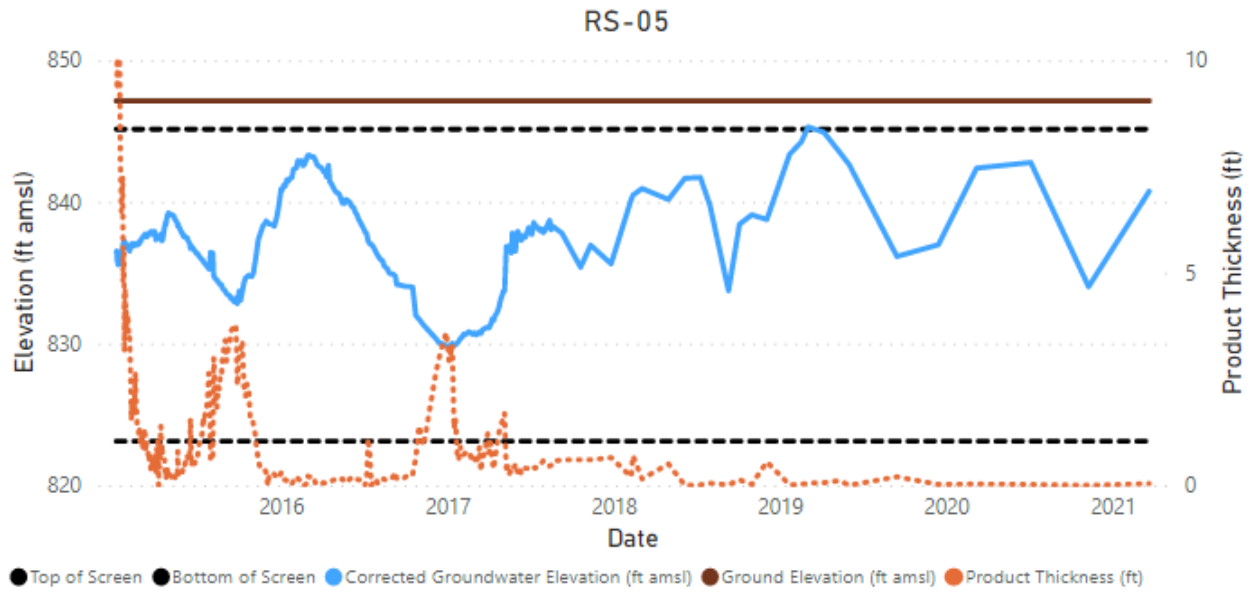
Attachment A – Product Thickness Trends



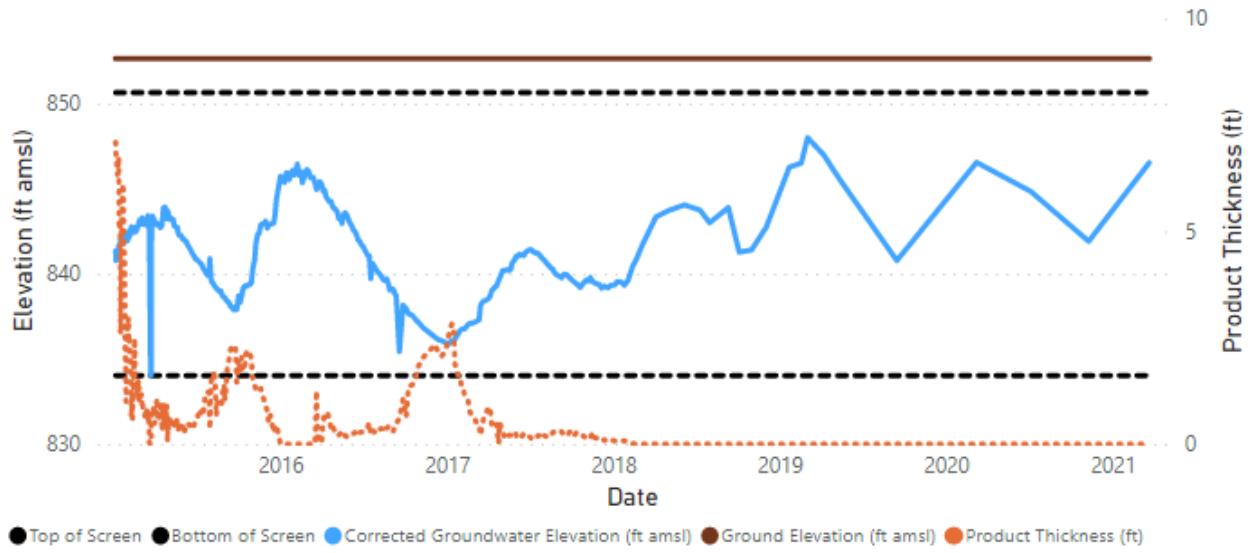
Attachment A – Product Thickness Trends



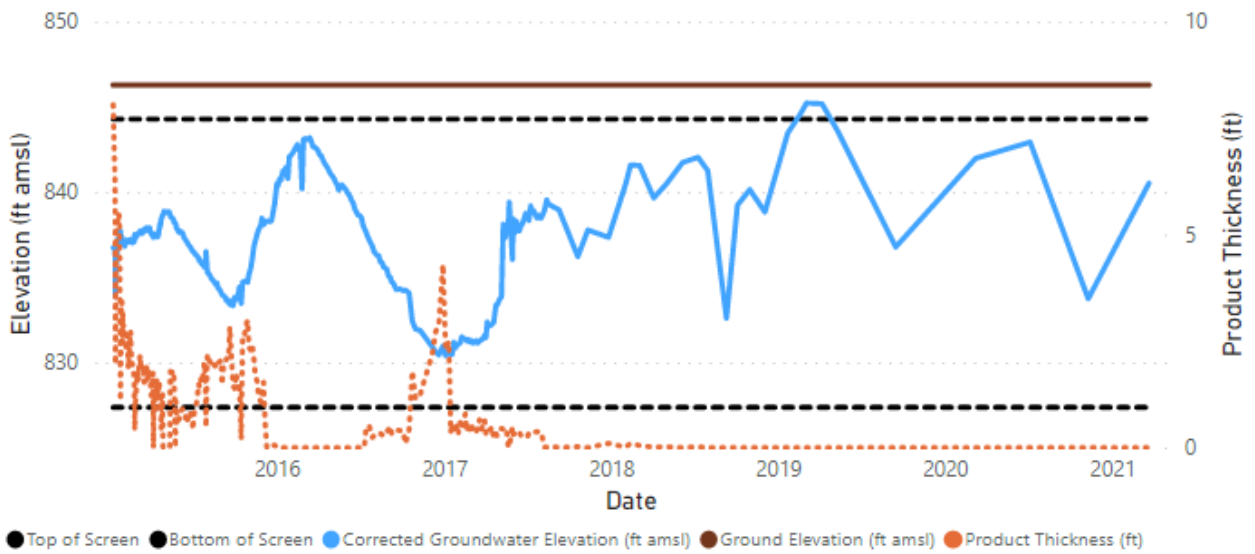
Attachment A – Product Thickness Trends



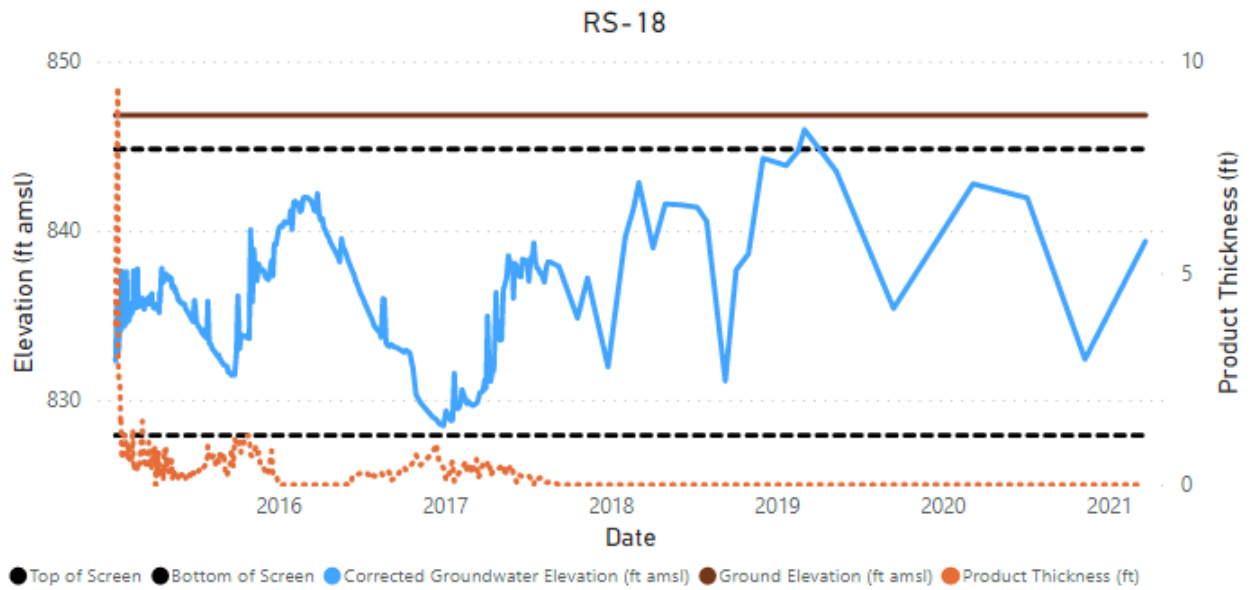
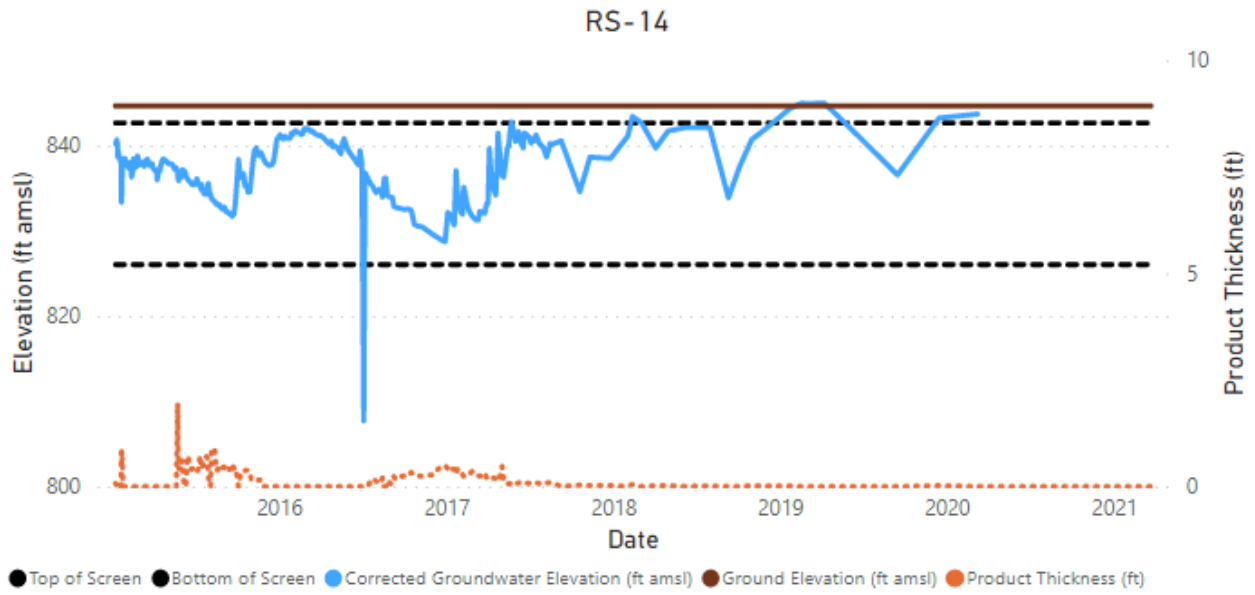
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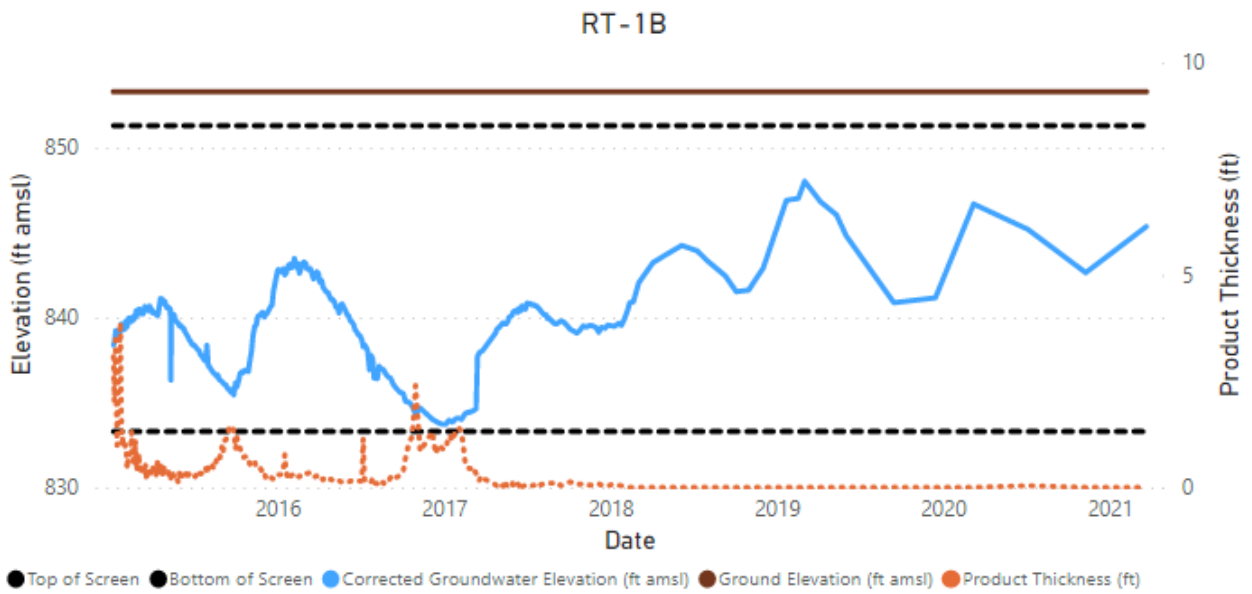
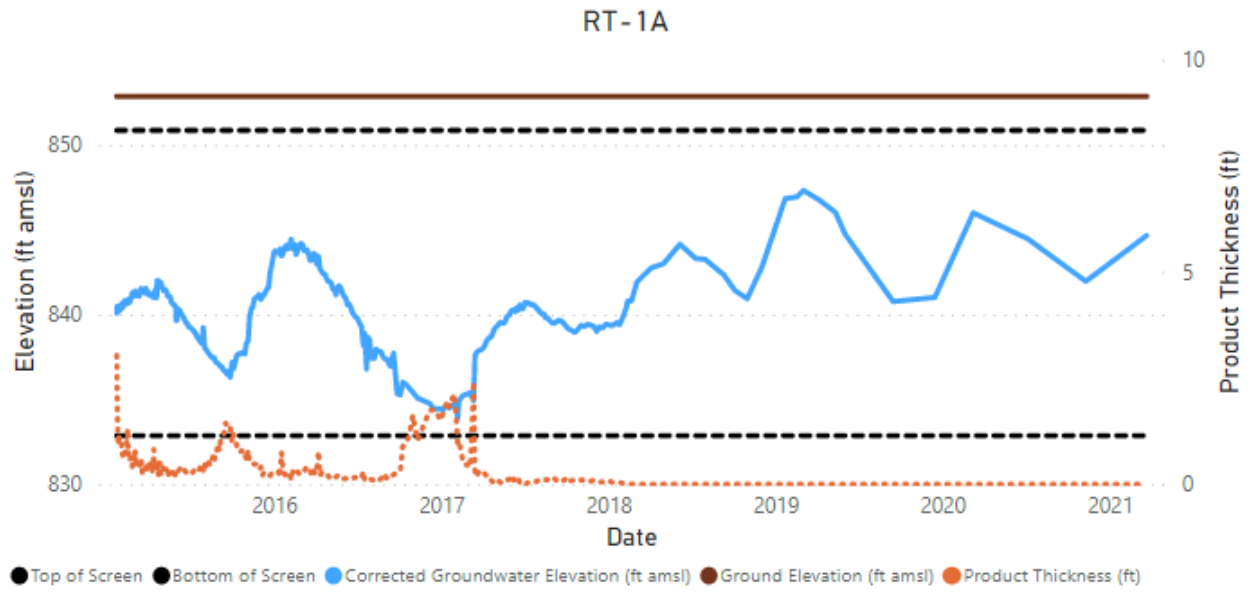
RS-10



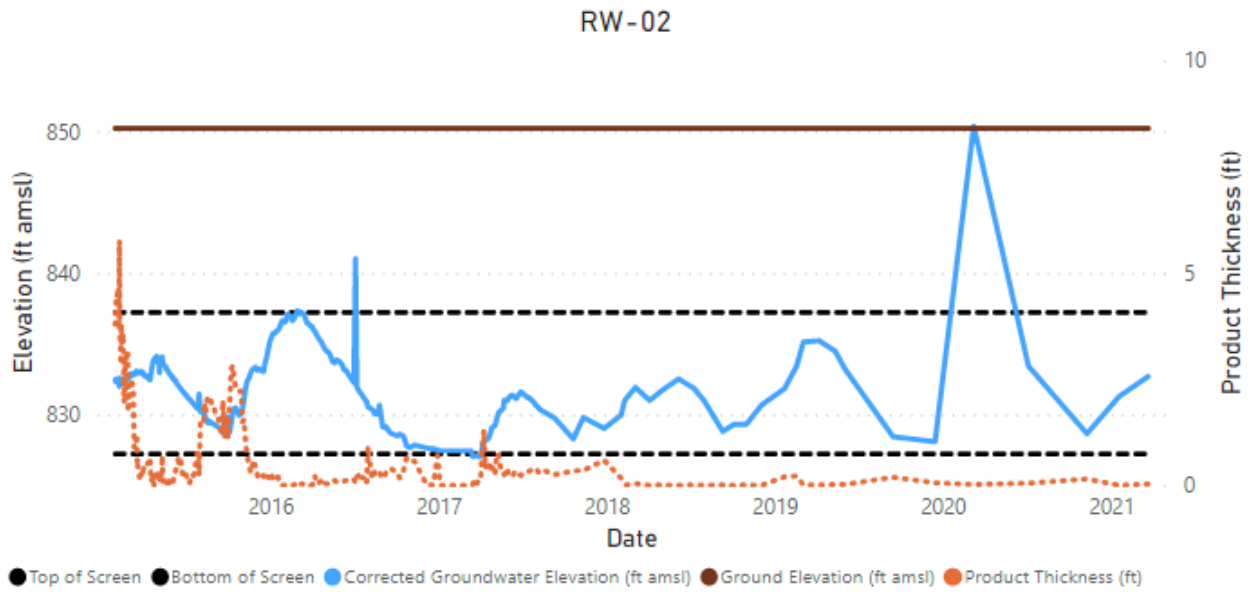
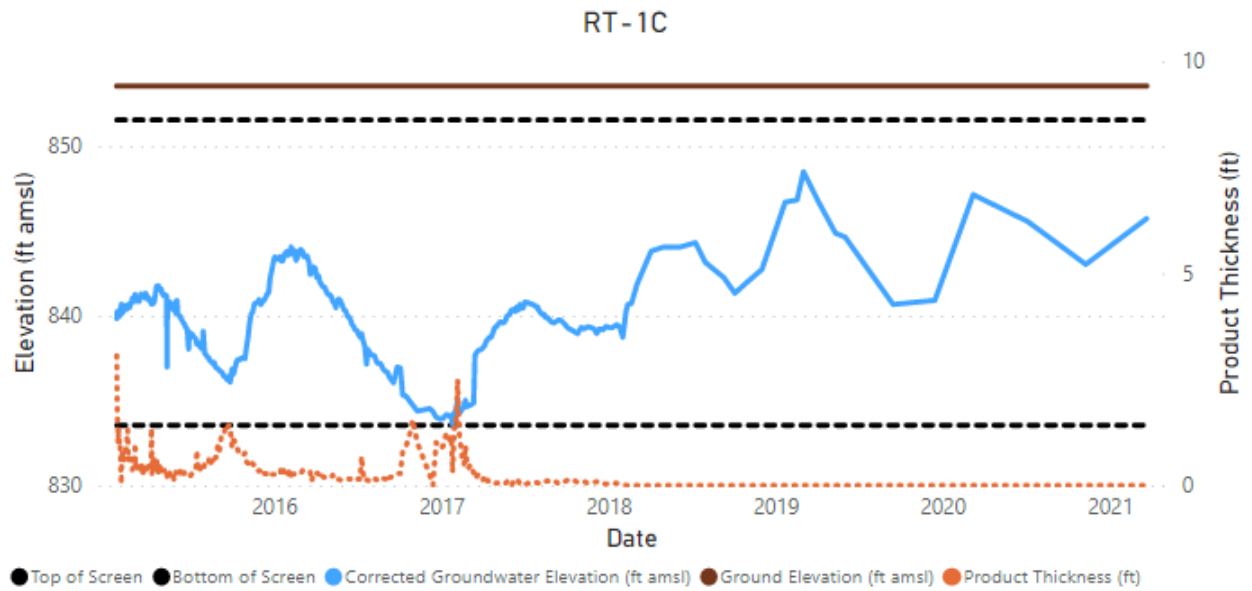
Attachment A – Product Thickness Trends



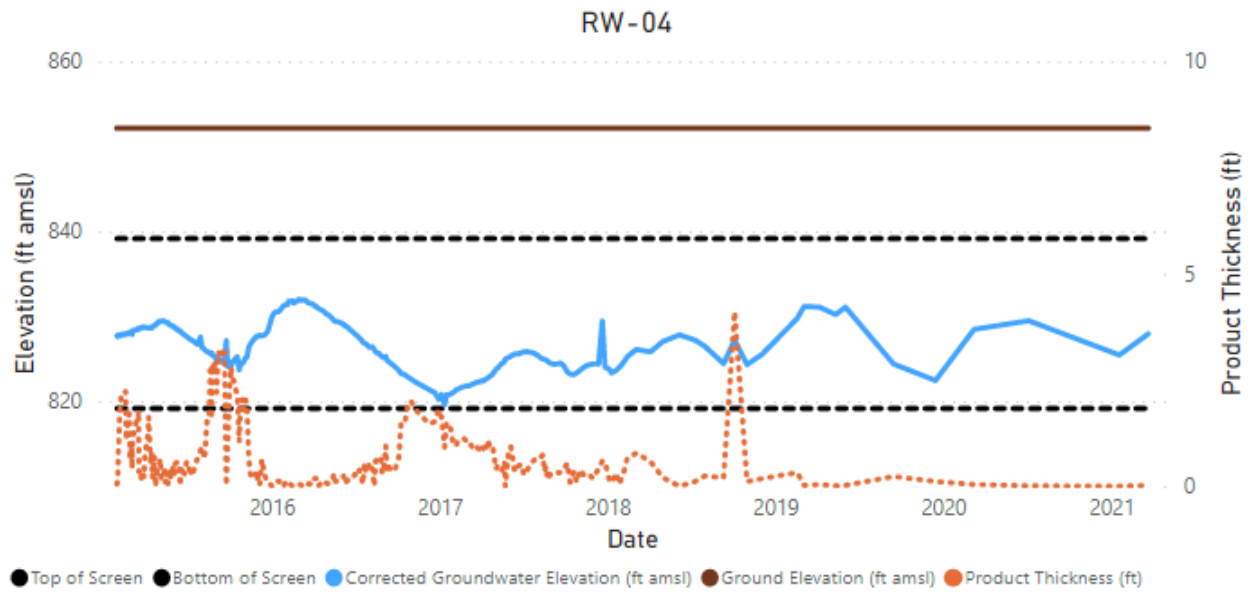
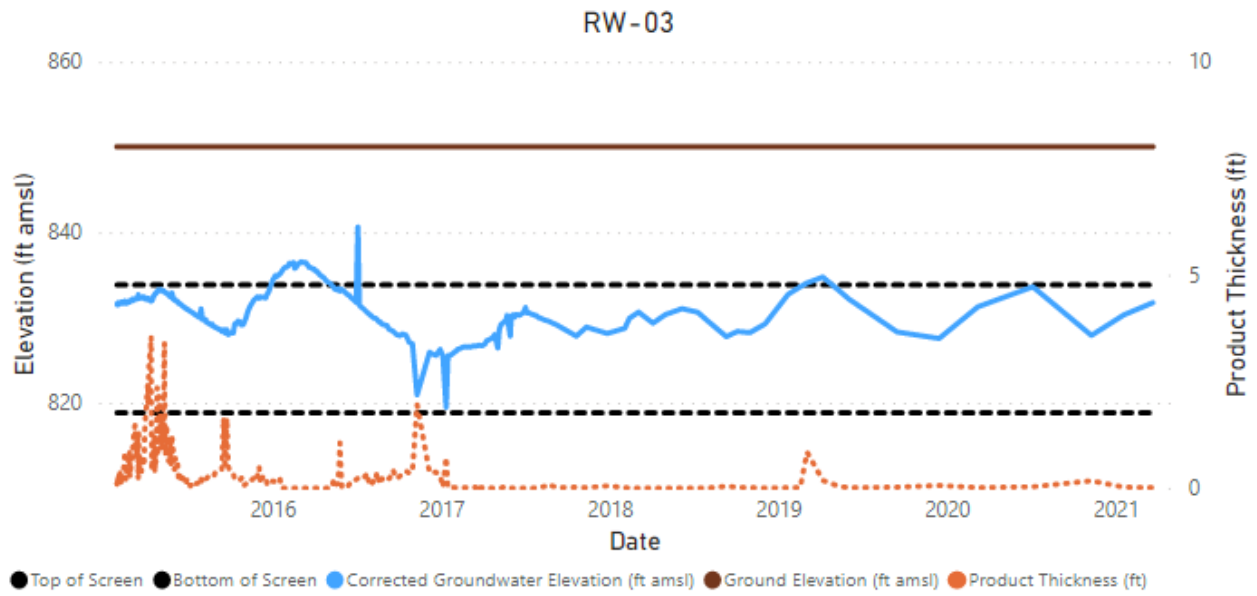
Attachment A – Product Thickness Trends



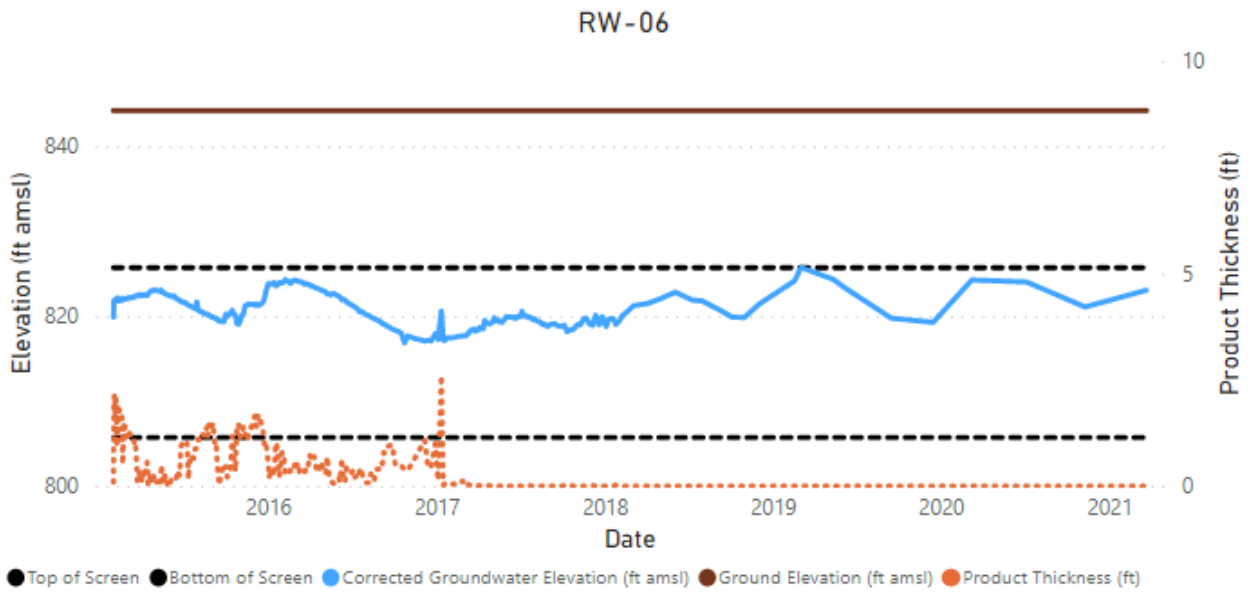
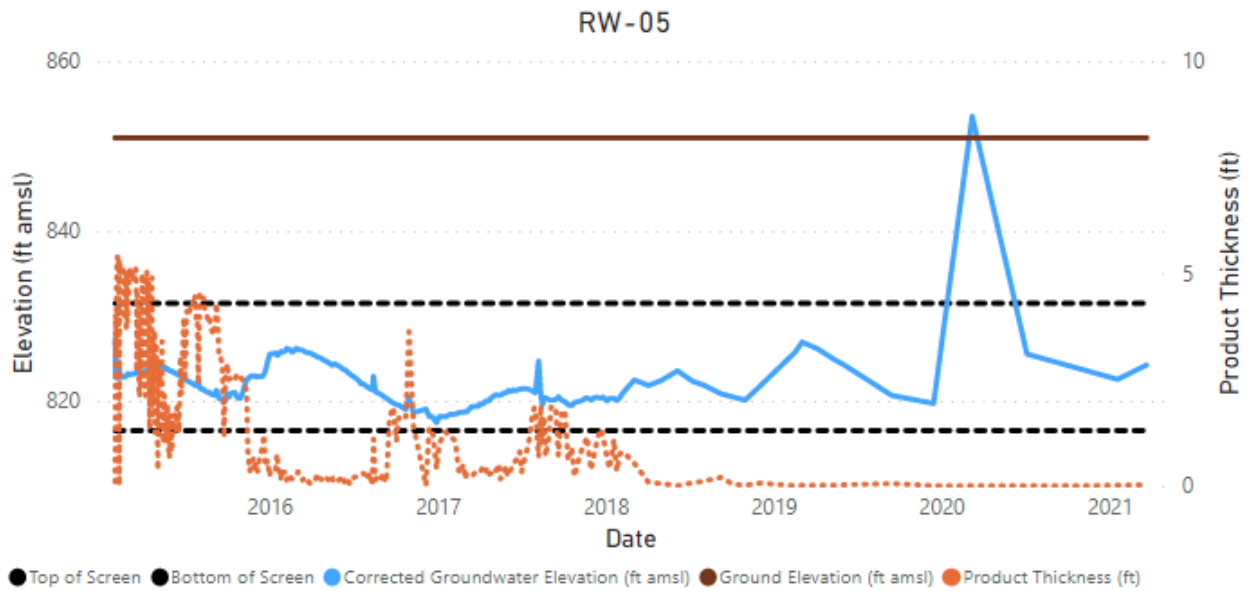
Attachment A – Product Thickness Trends



Attachment A – Product Thickness Trends

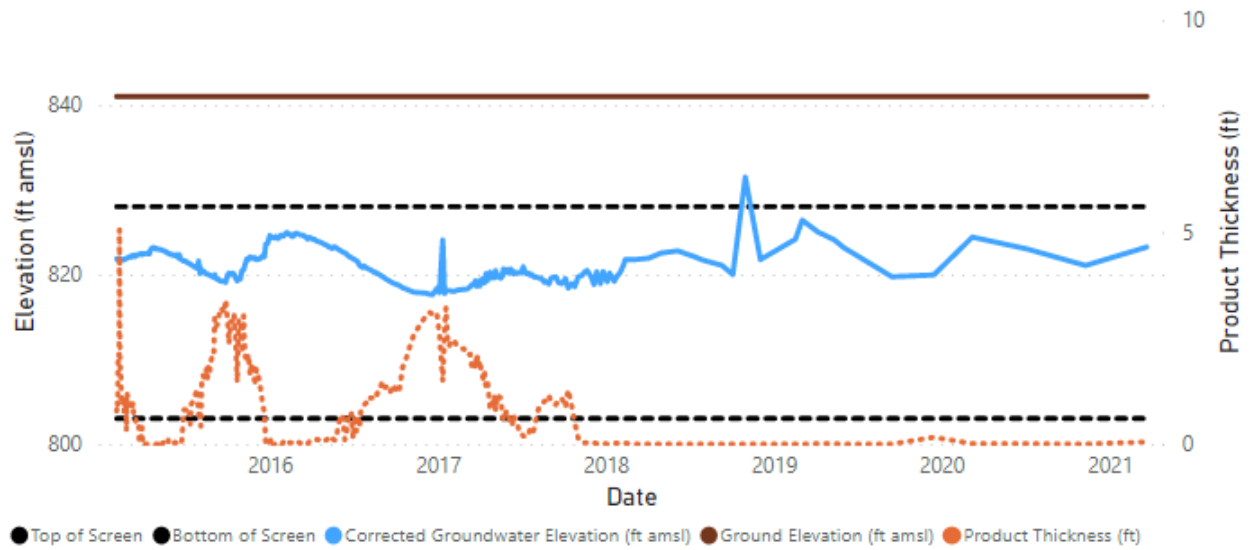


Attachment A – Product Thickness Trends

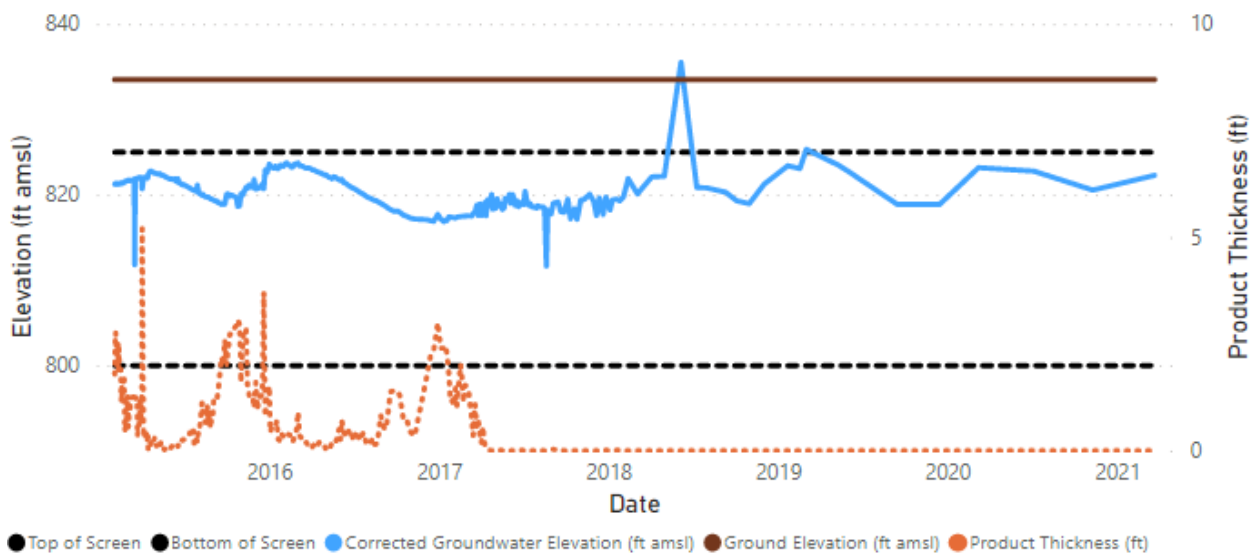


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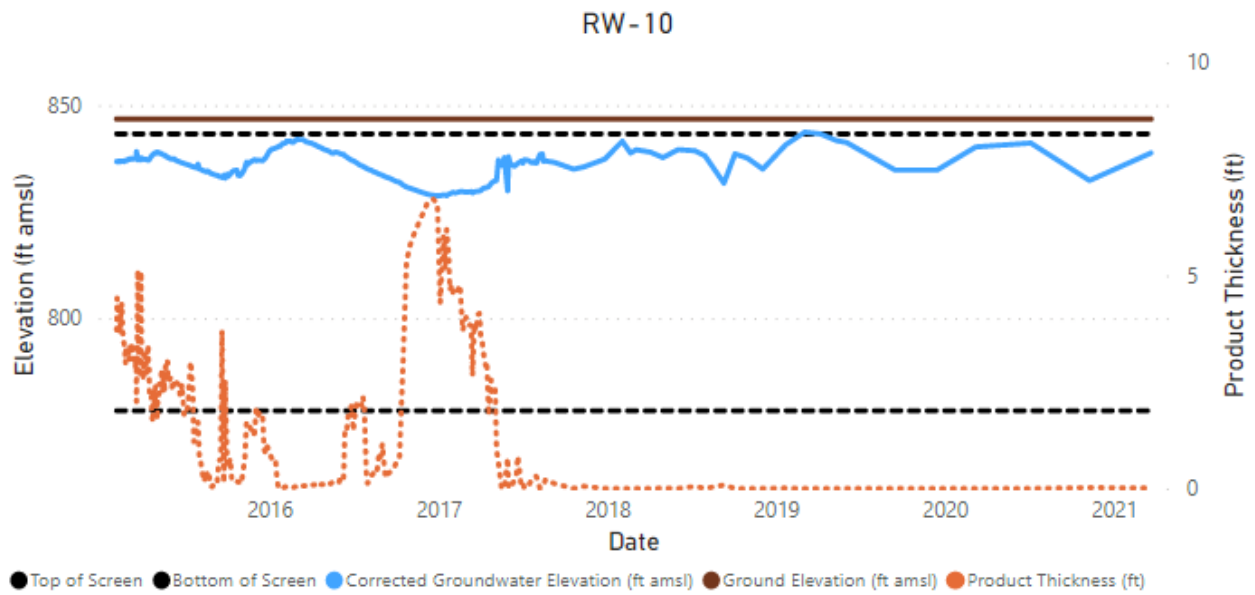
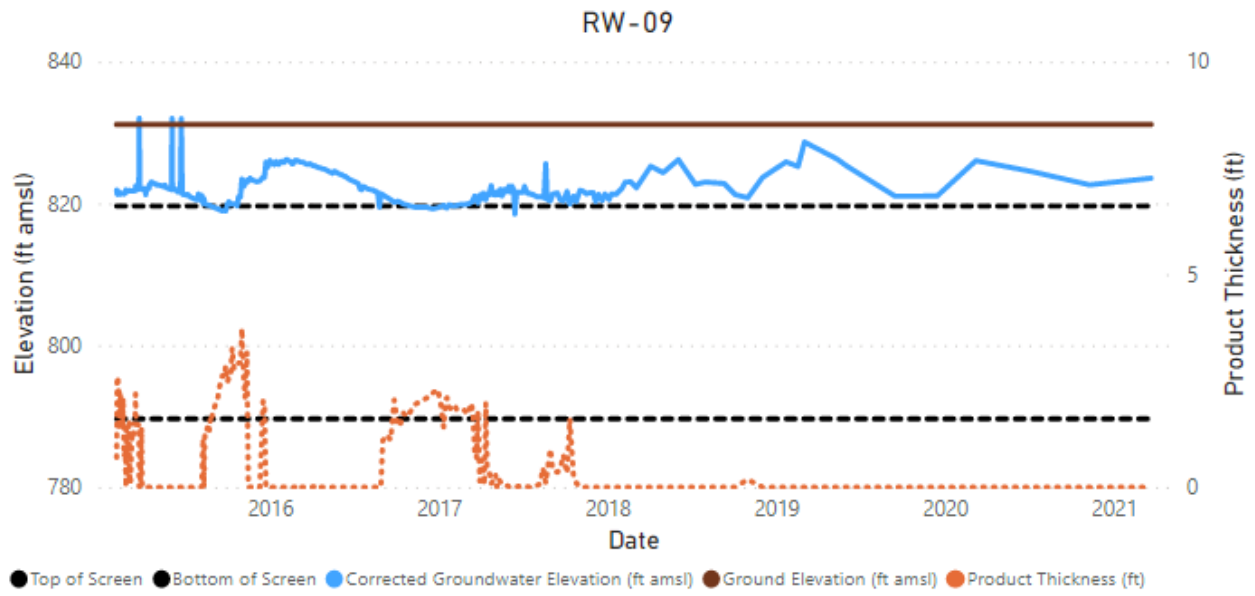
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RW-08

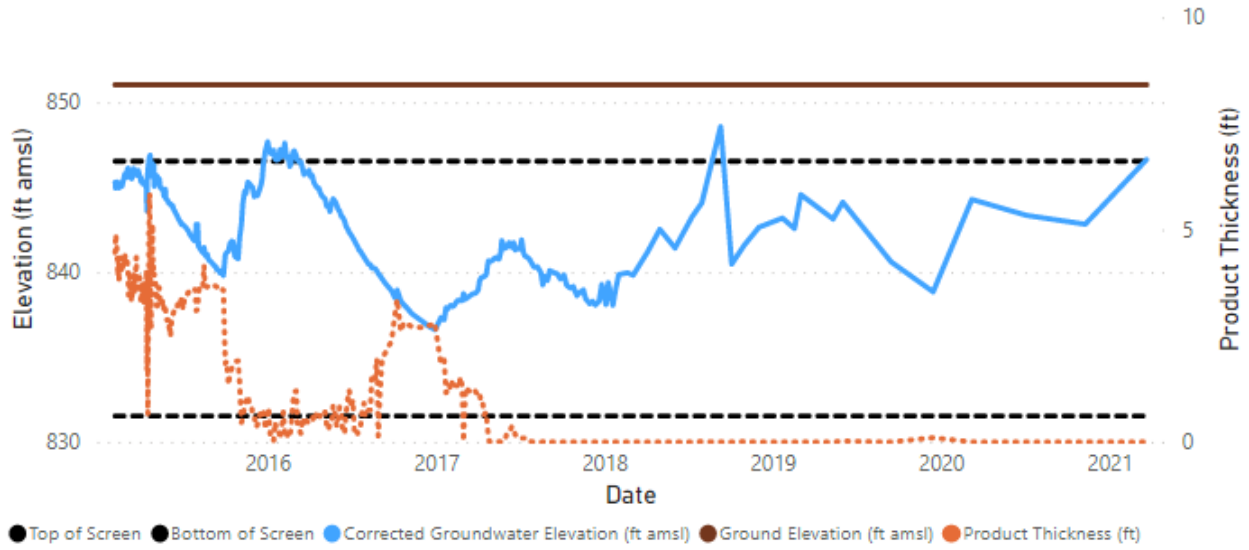


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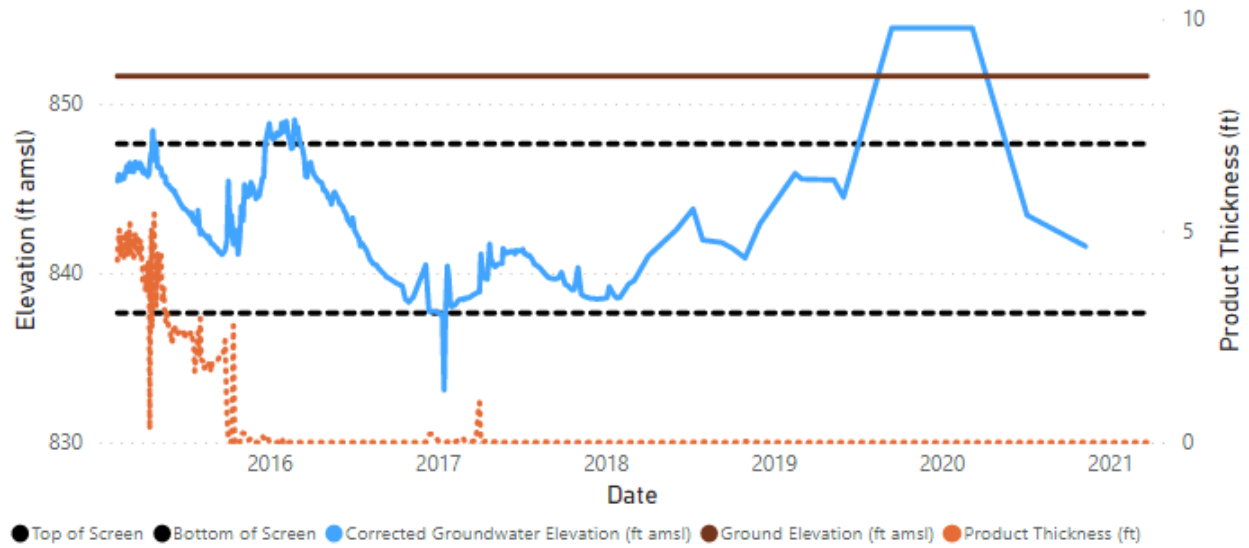


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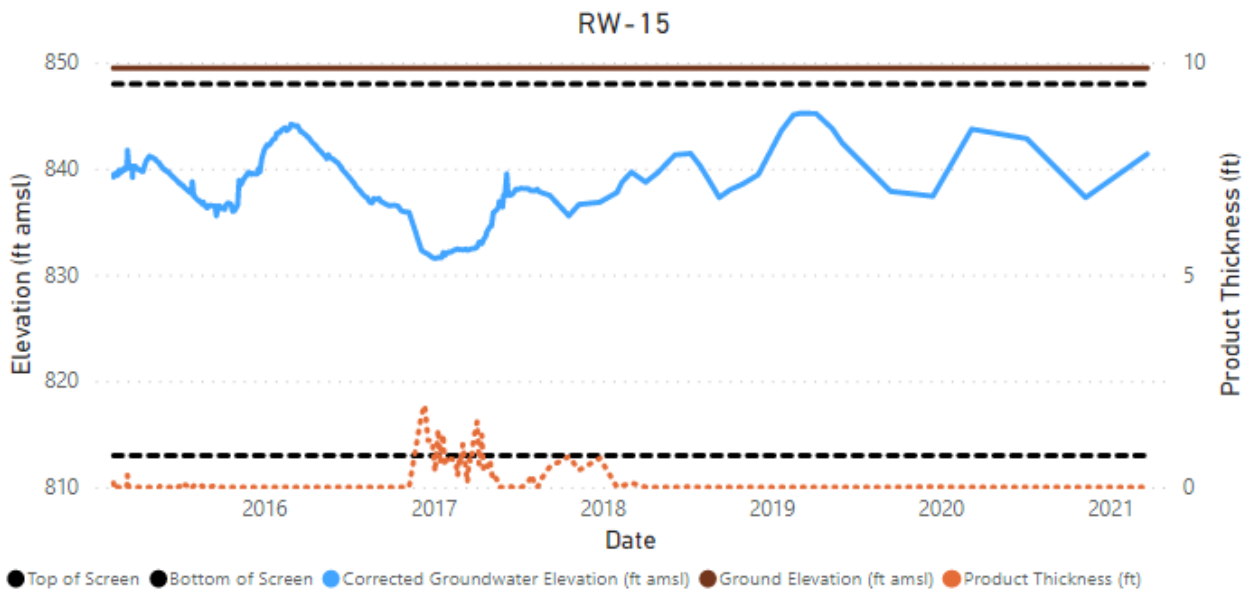
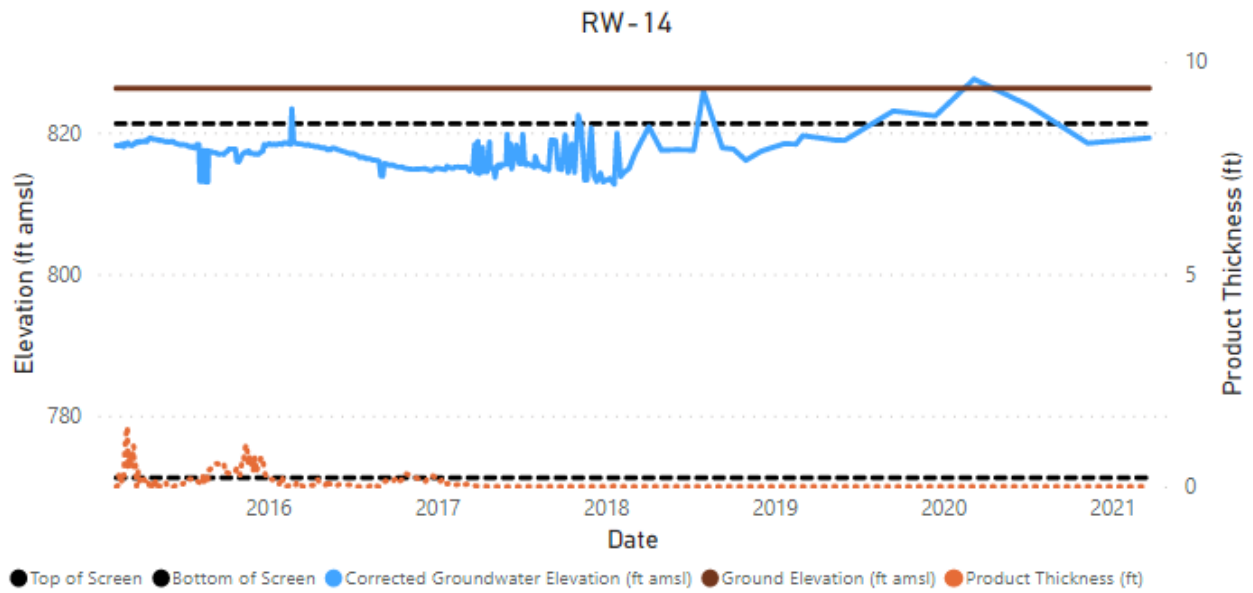
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RW-12

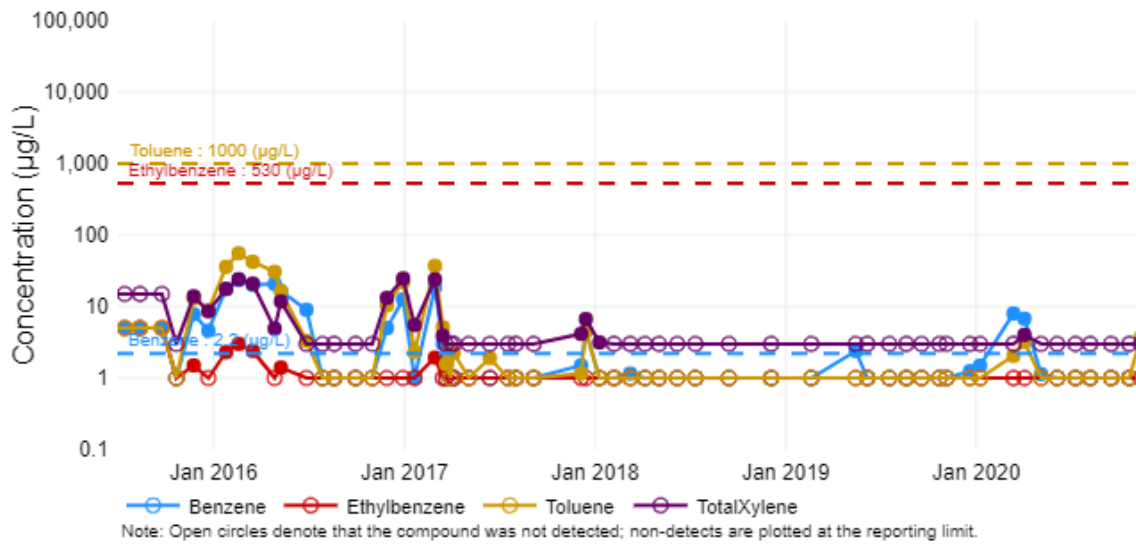


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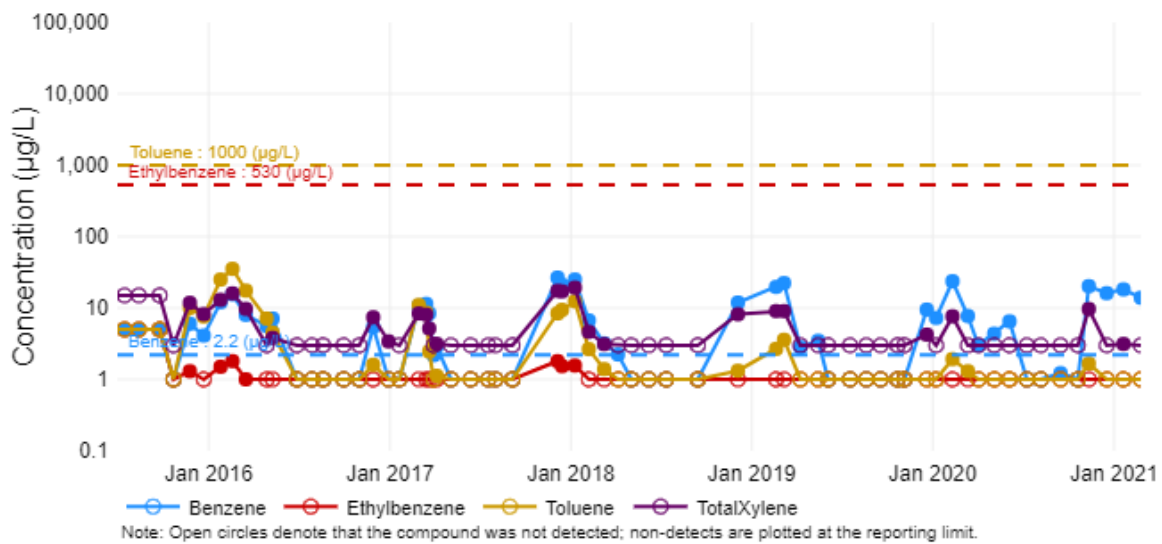


Attachment B
Surface Water Analytical Trends

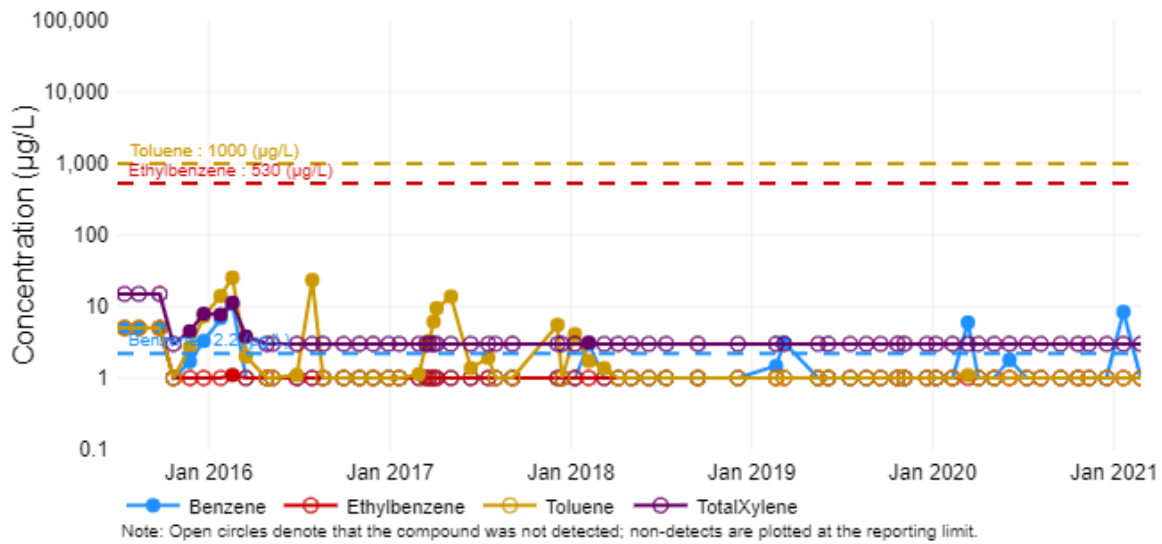
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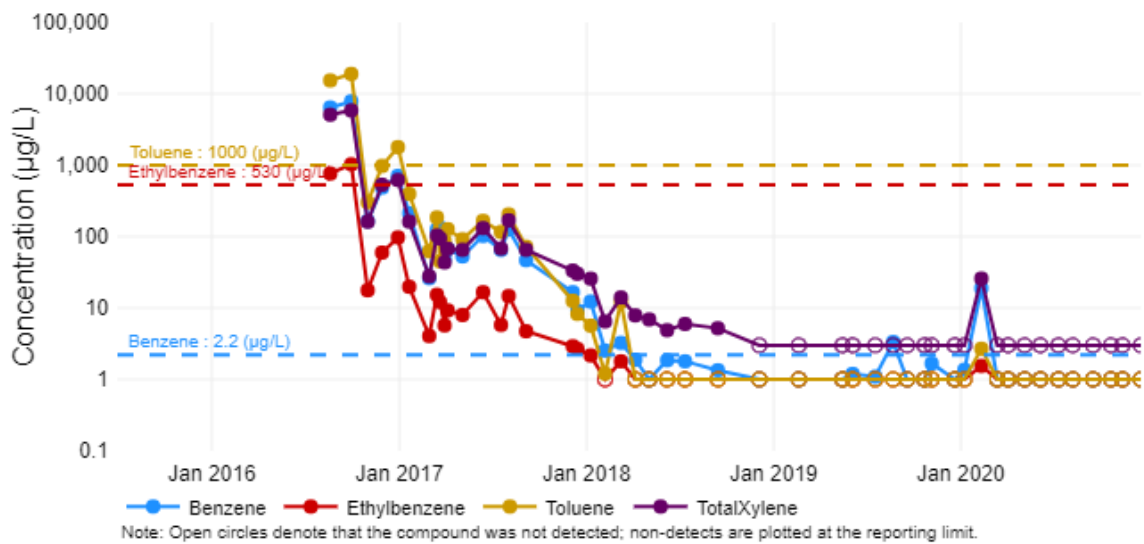
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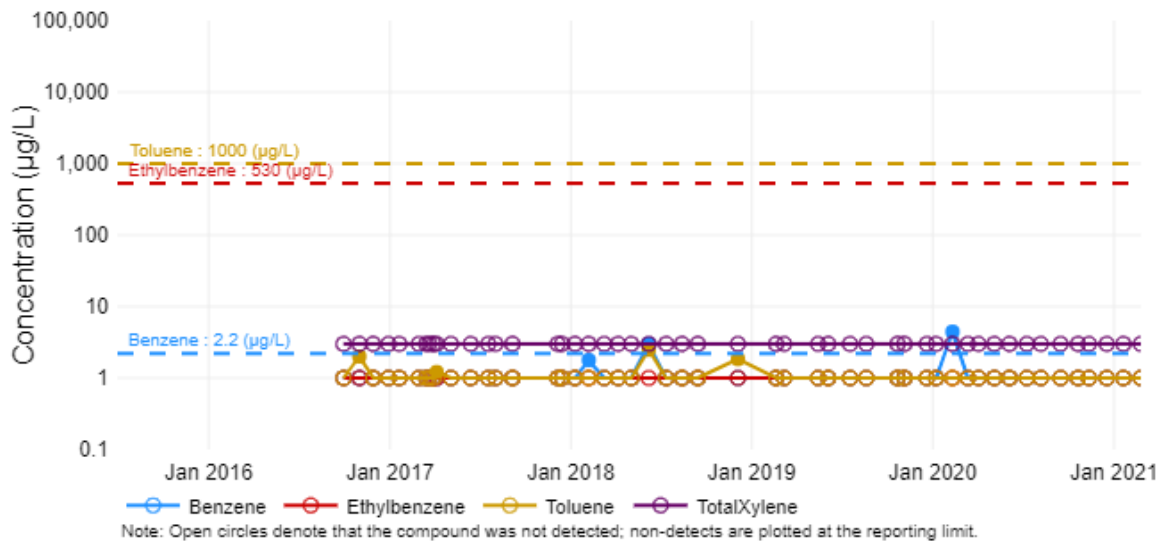


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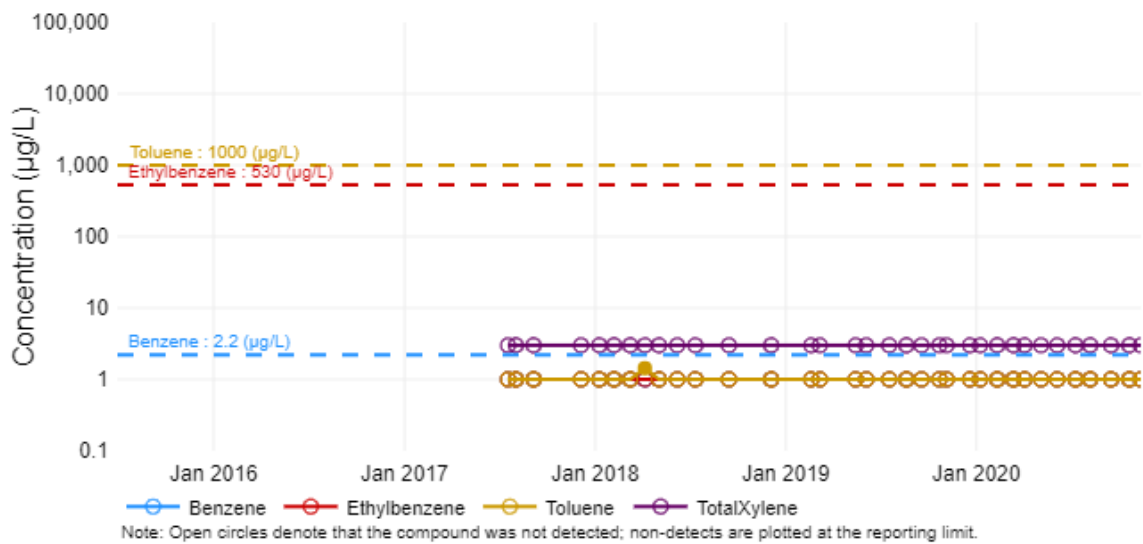


Attachment B – Surface Water Analytical Trends

SW-13



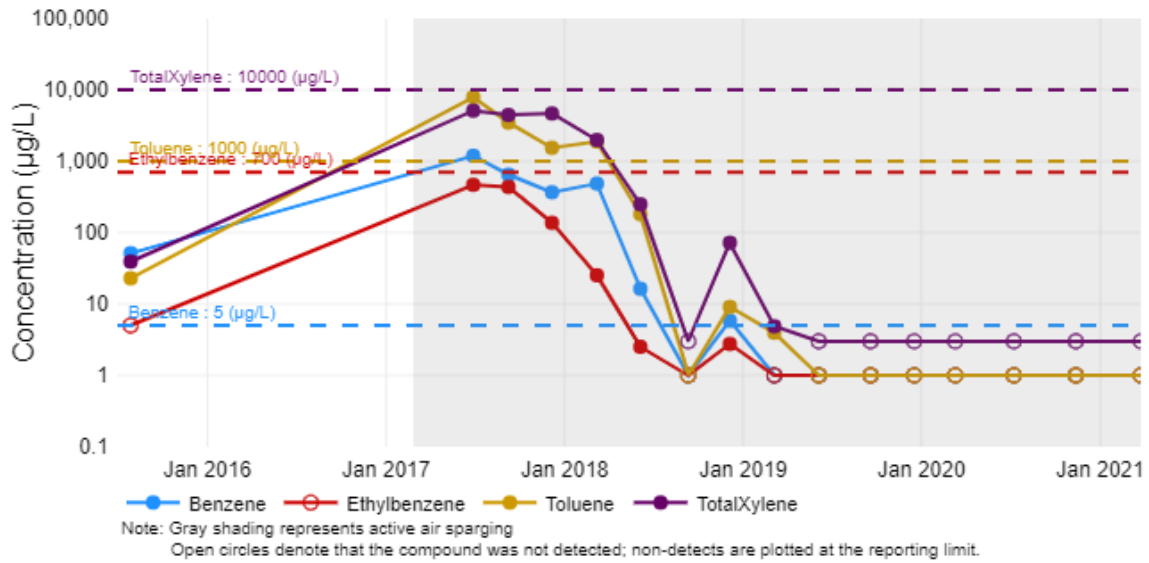
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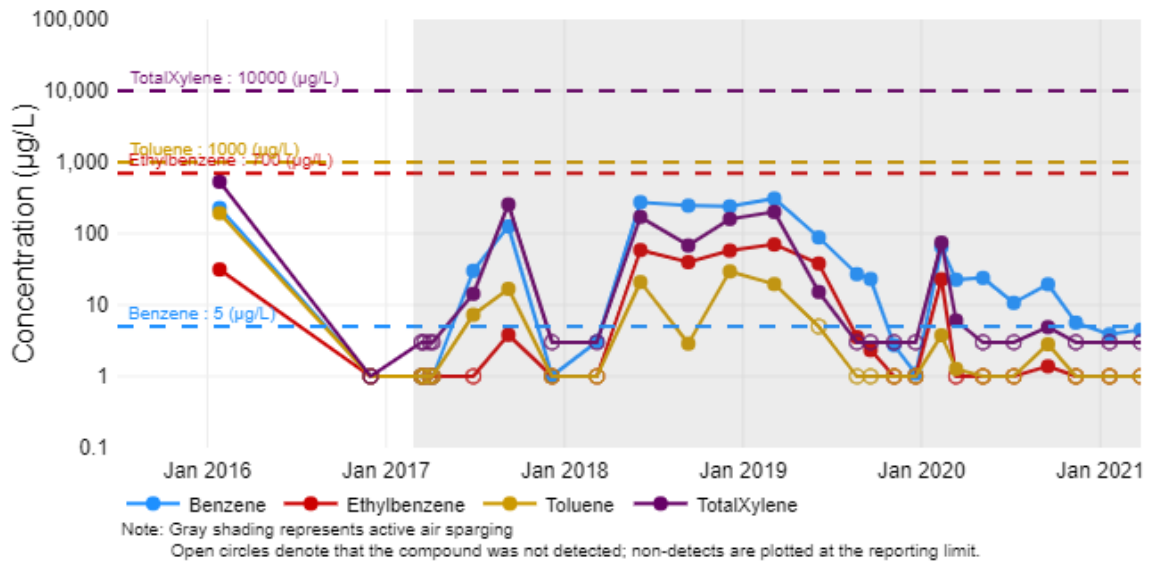
Attachment C
Groundwater Analytical Trends

Browns Creek Monitoring Well Trends

MW-12

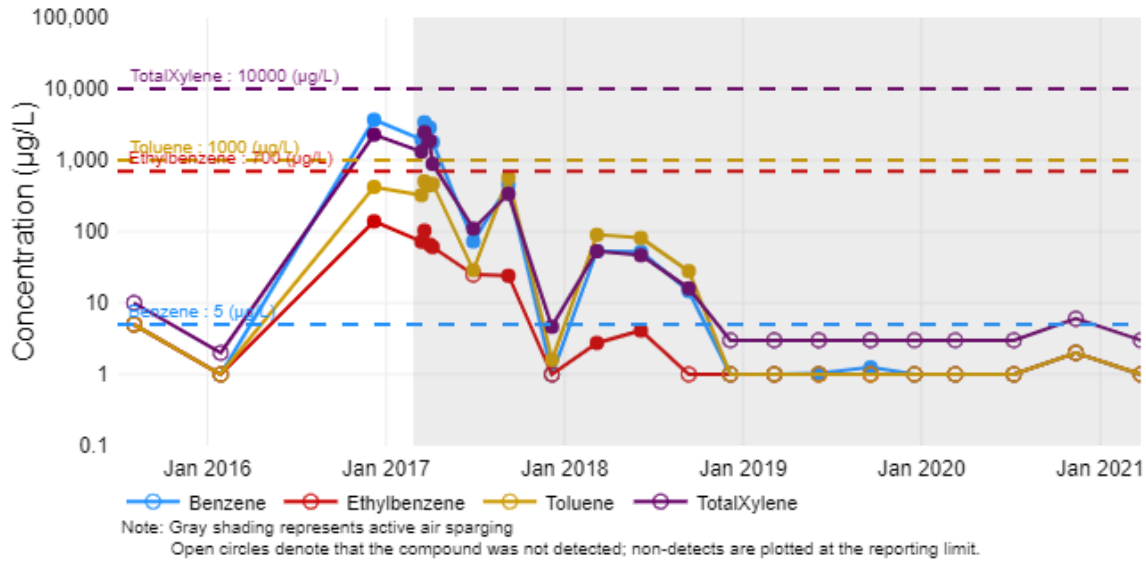


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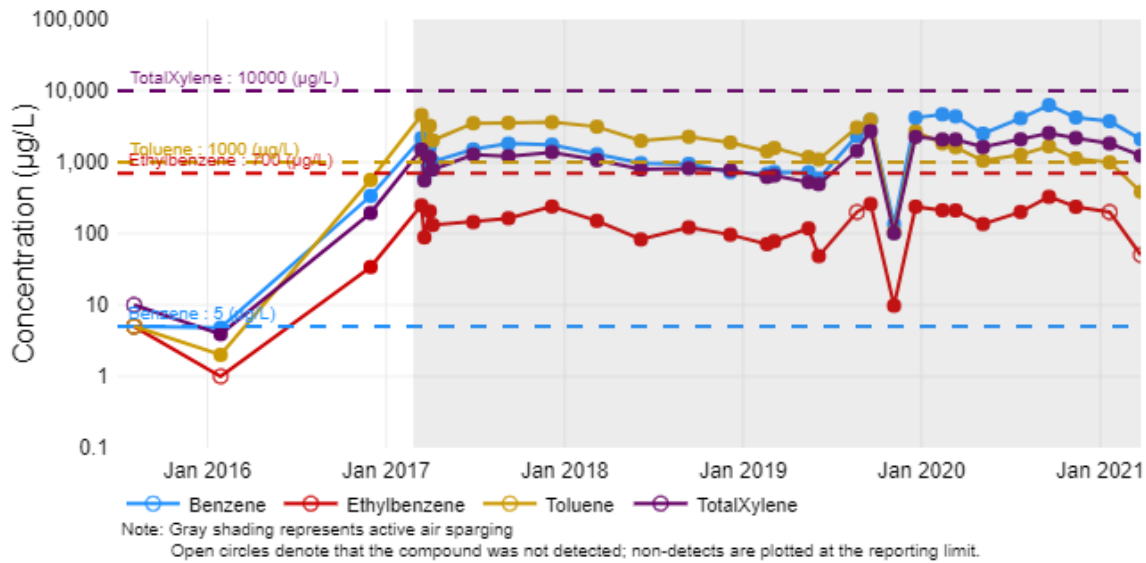


Attachment C – Groundwater Analytical Trends

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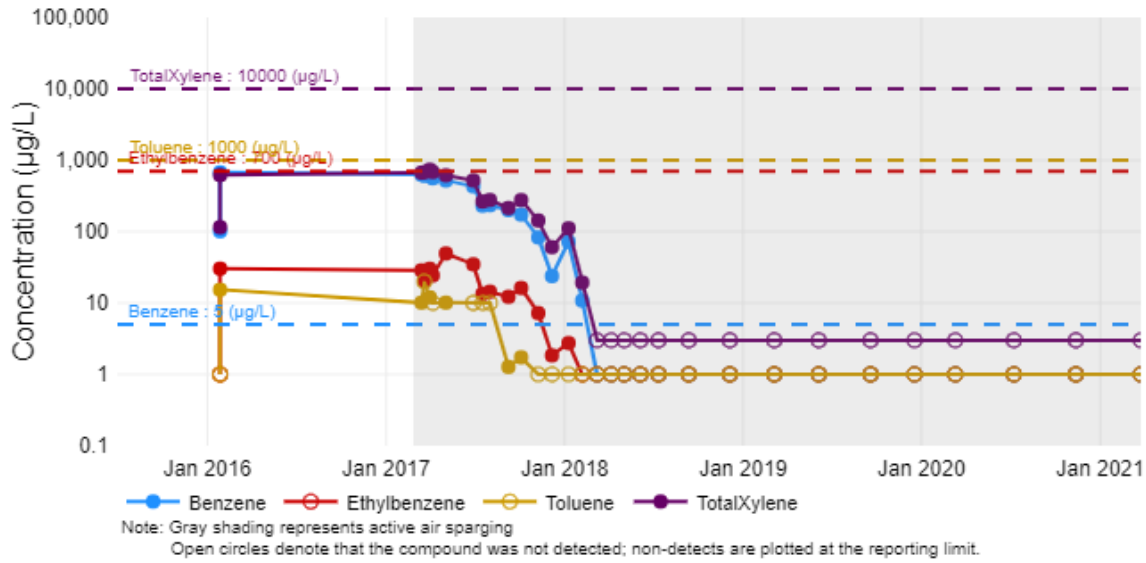


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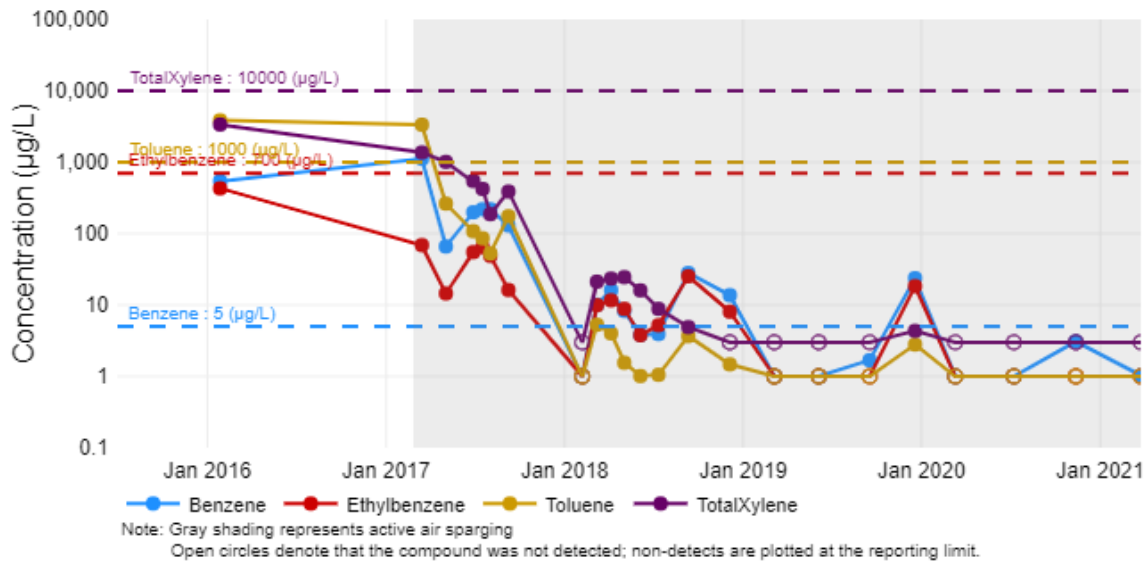


Attachment C – Groundwater Analytical Trends

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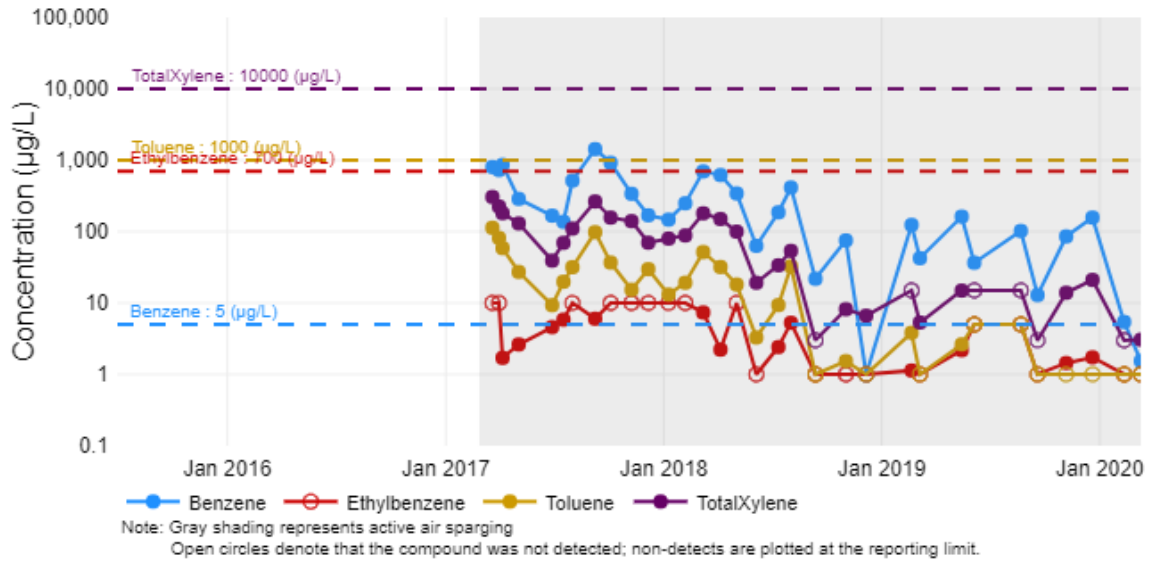


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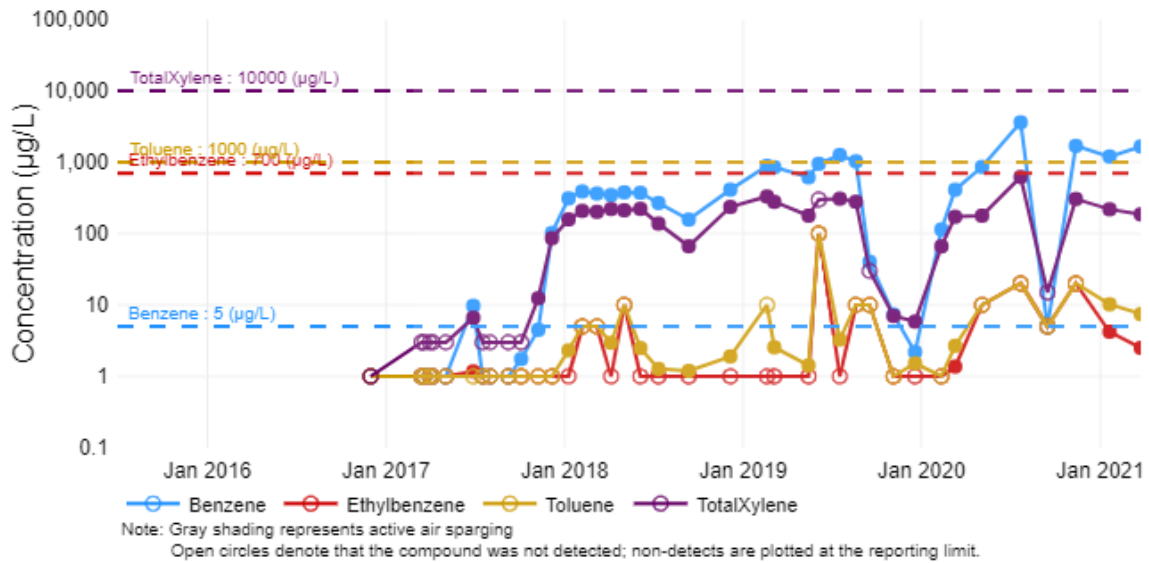


Attachment C – Groundwater Analytical Trends

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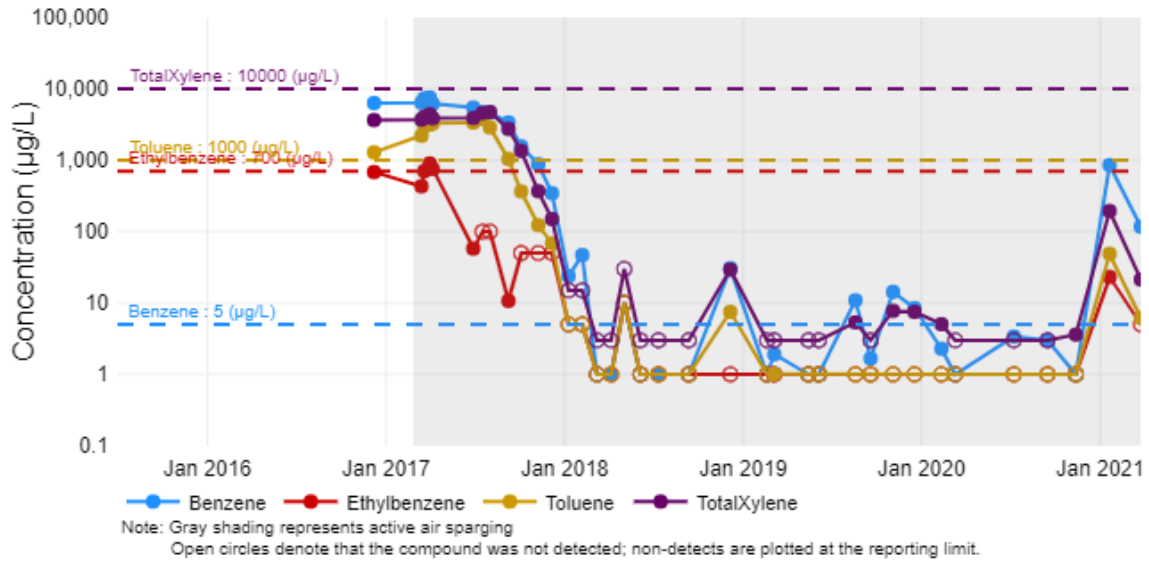


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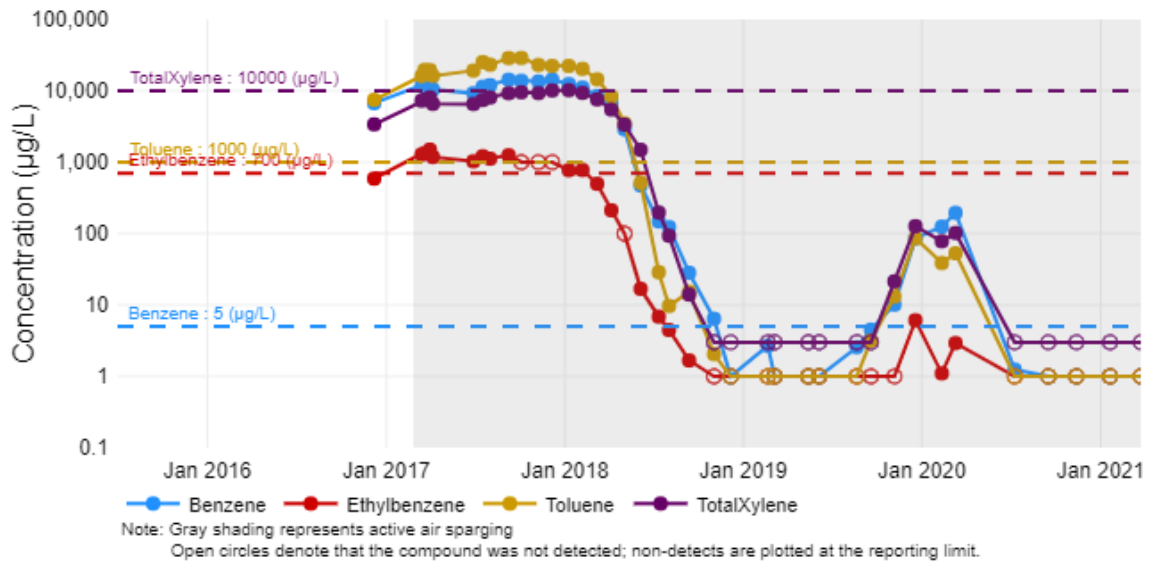


Attachment C – Groundwater Analytical Trends

MW-39

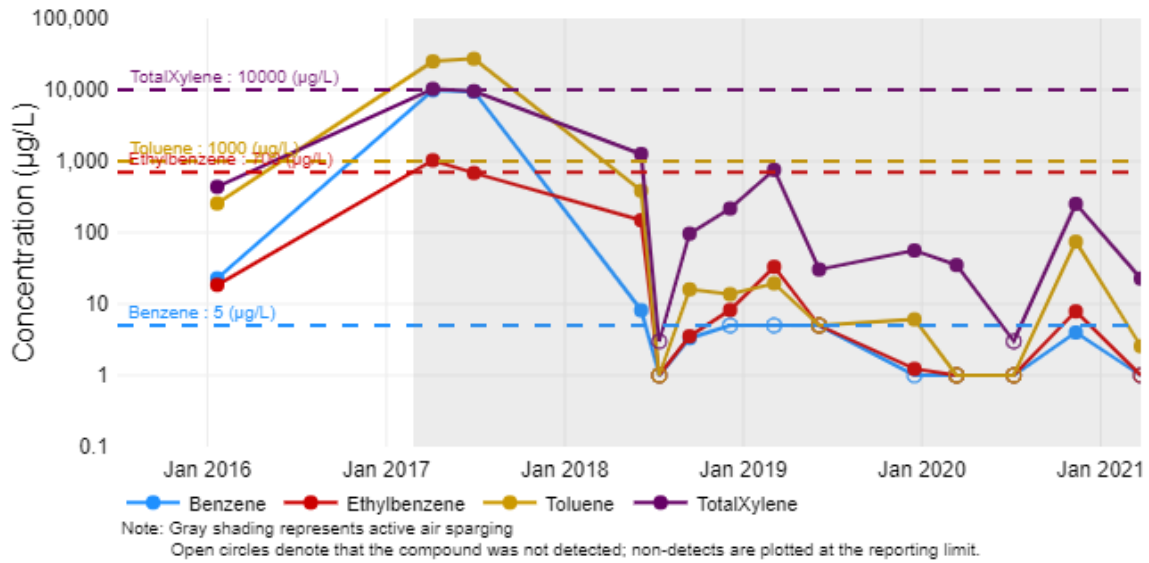


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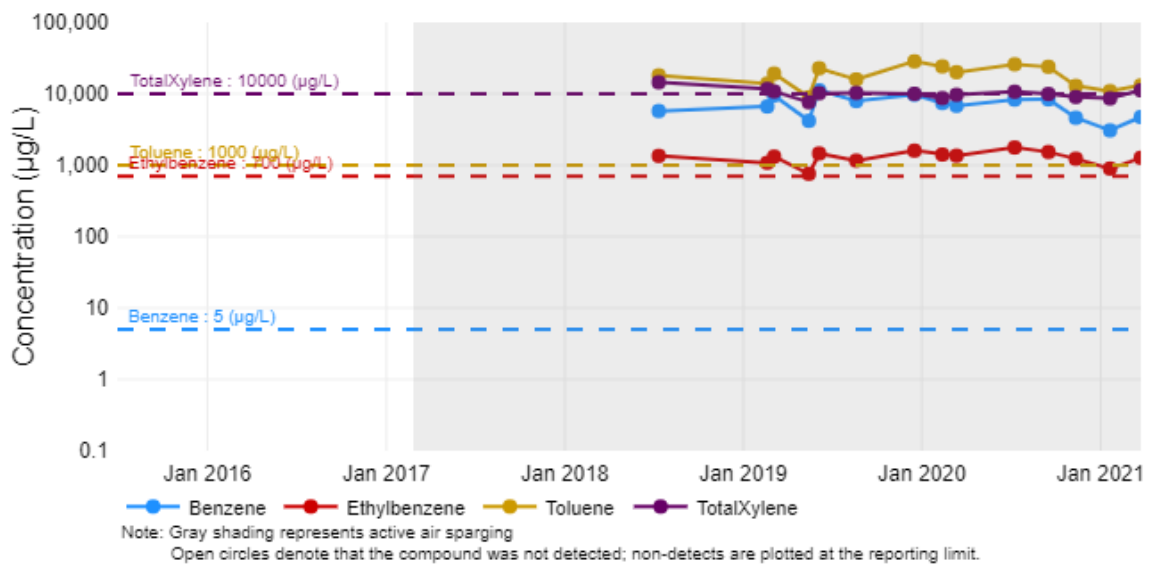


Cupboard Creek Monitoring Well Trends

MW-19

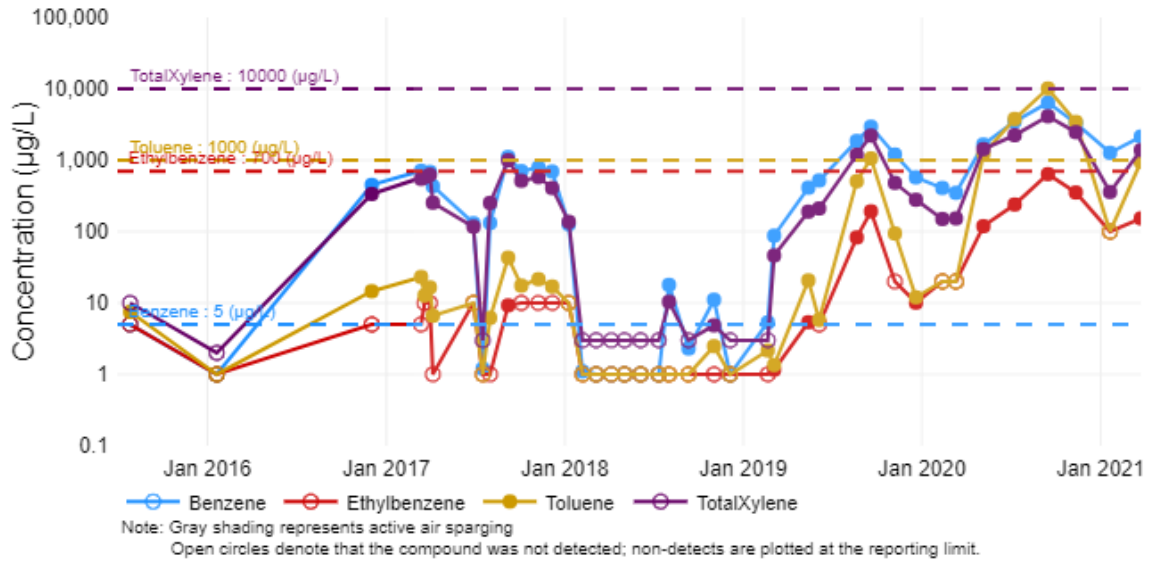


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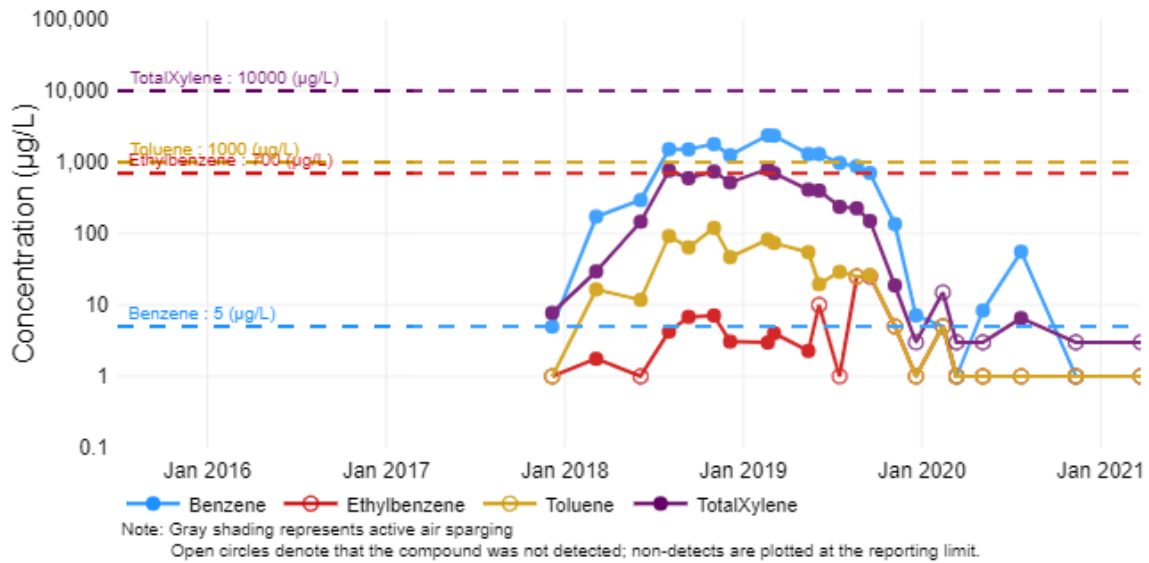


Attachment C – Groundwater Analytical Trends

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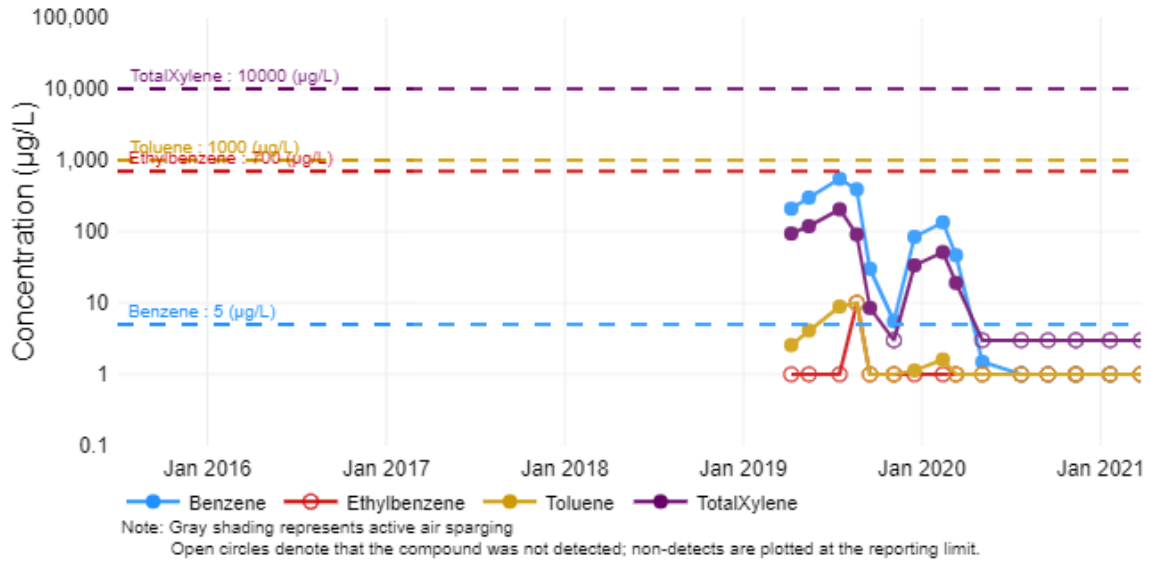


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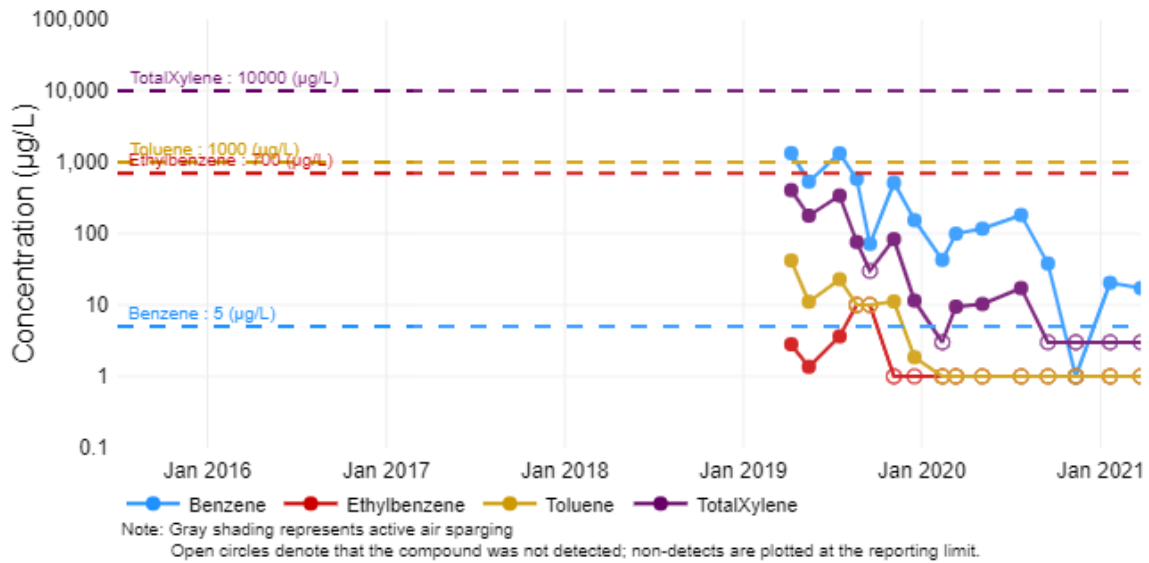


Attachment C – Groundwater Analytical Trends

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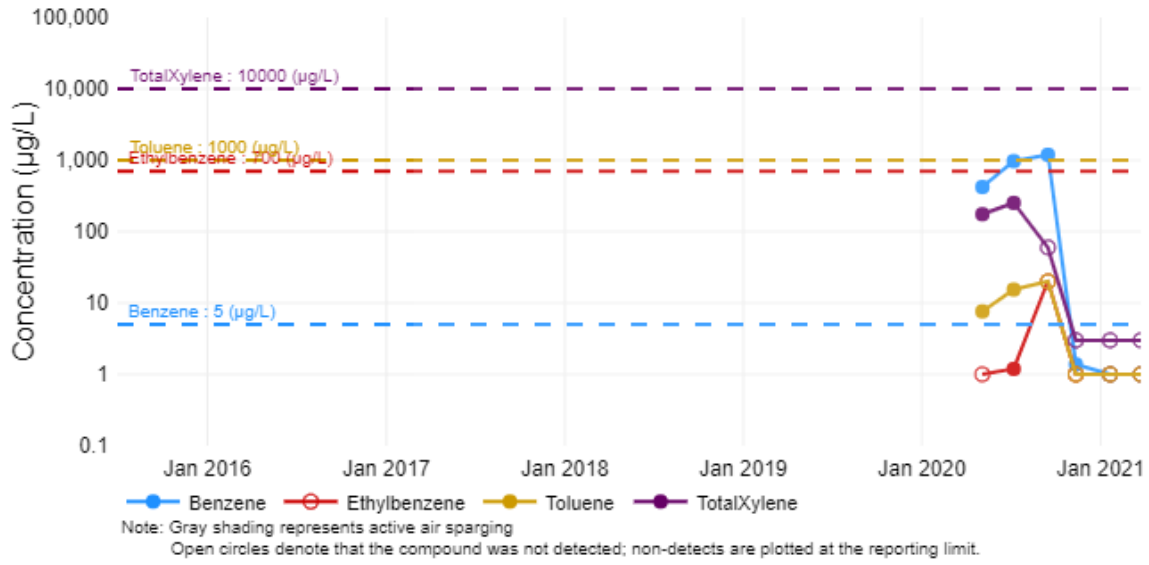


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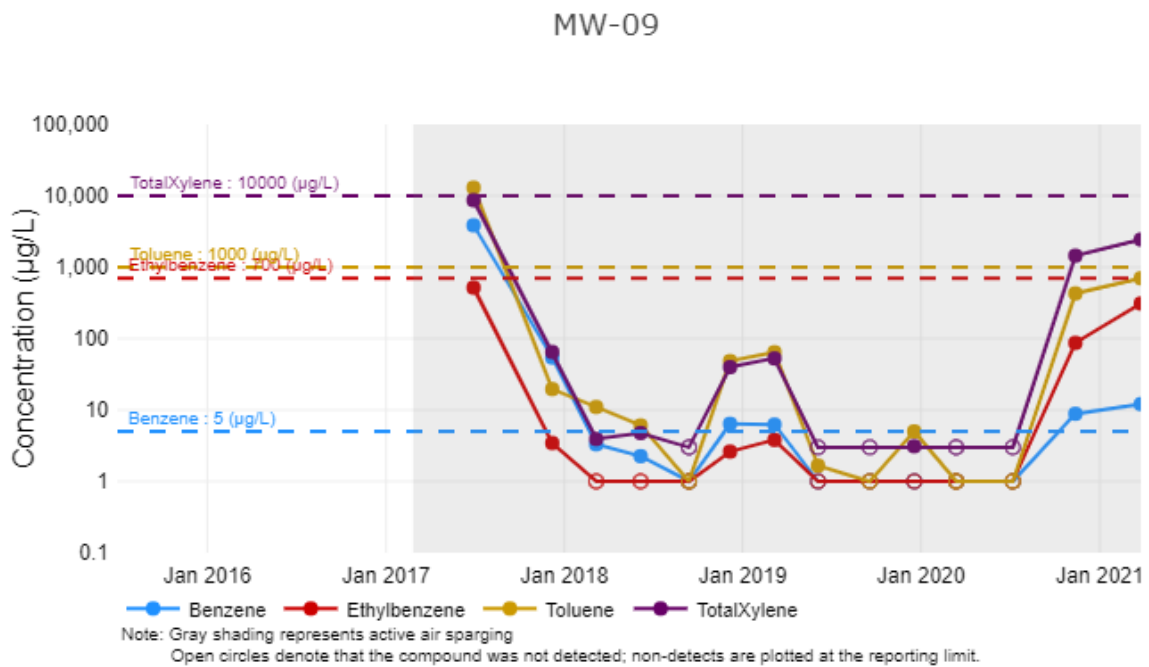
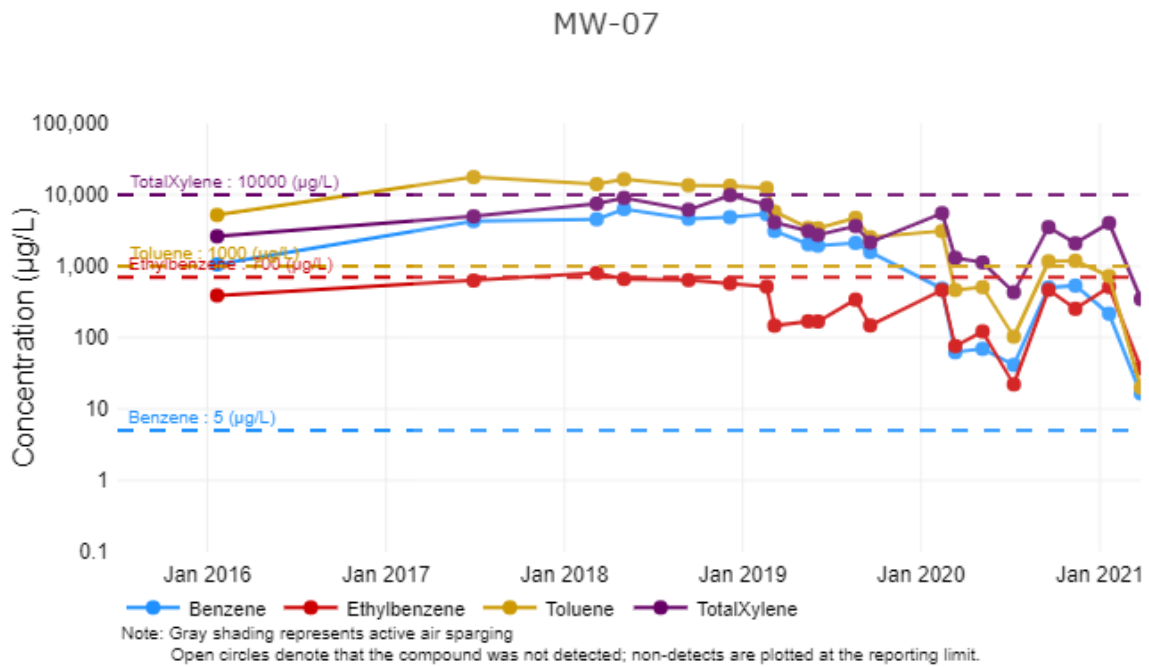


Attachment C – Groundwater Analytical Trends

MW-60

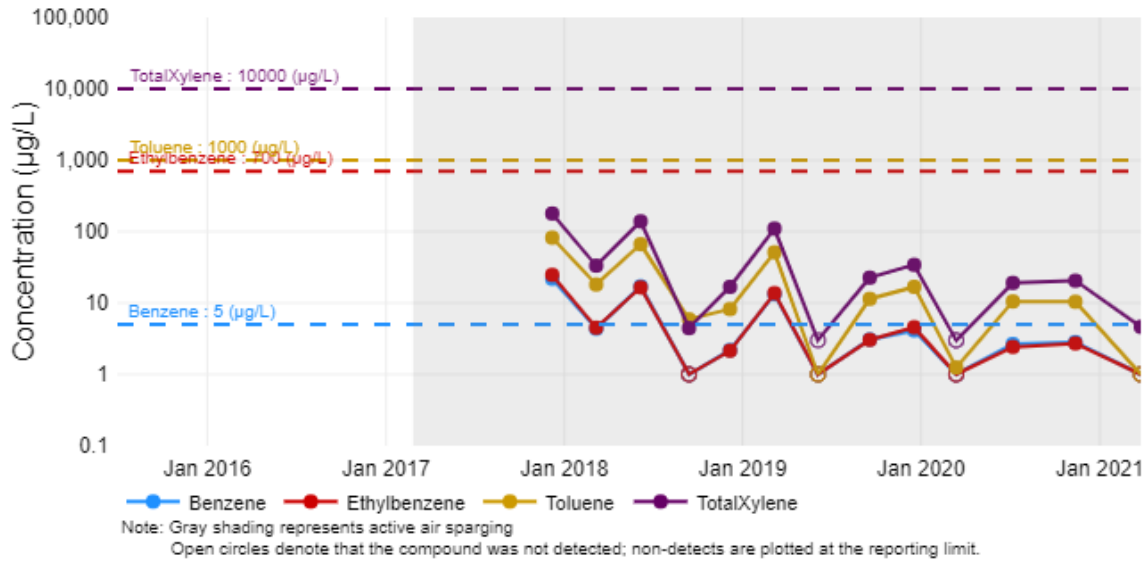


Hayfield Monitoring Well Trends

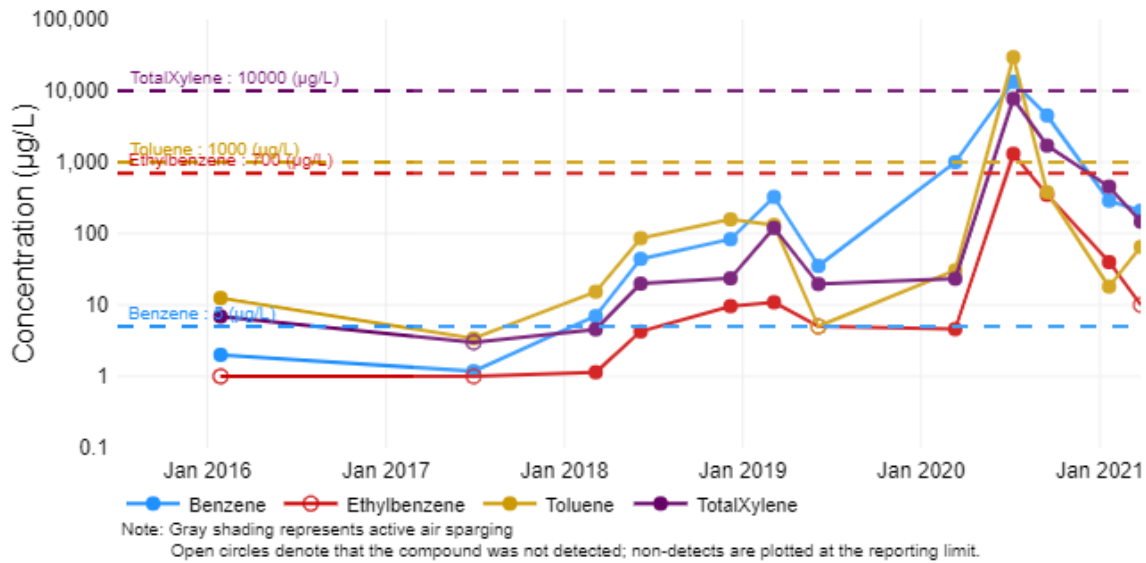


Attachment C – Groundwater Analytical Trends

MW-09B

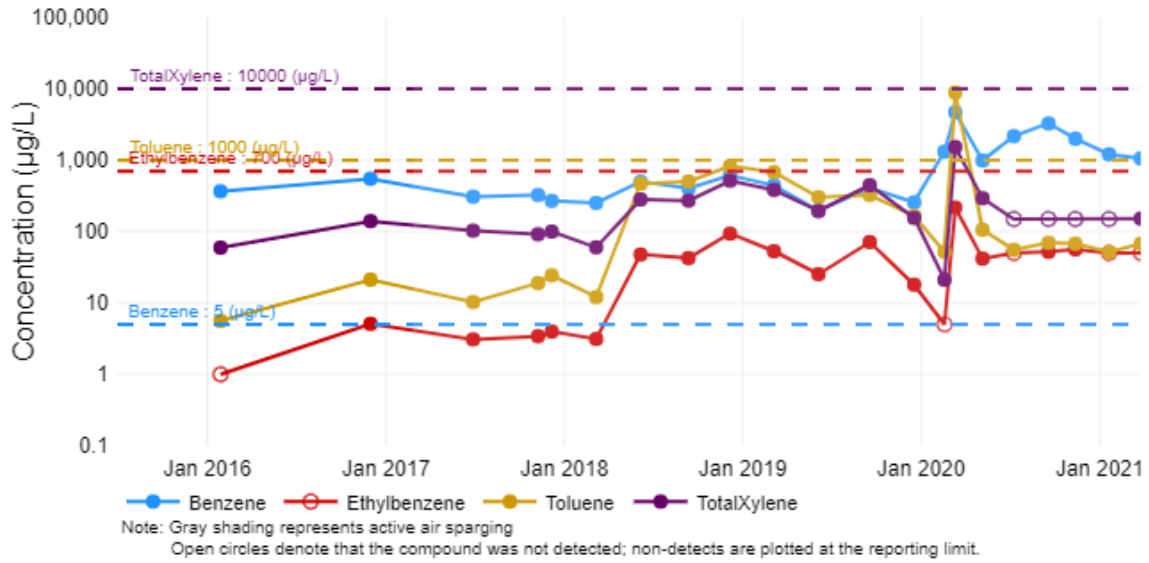


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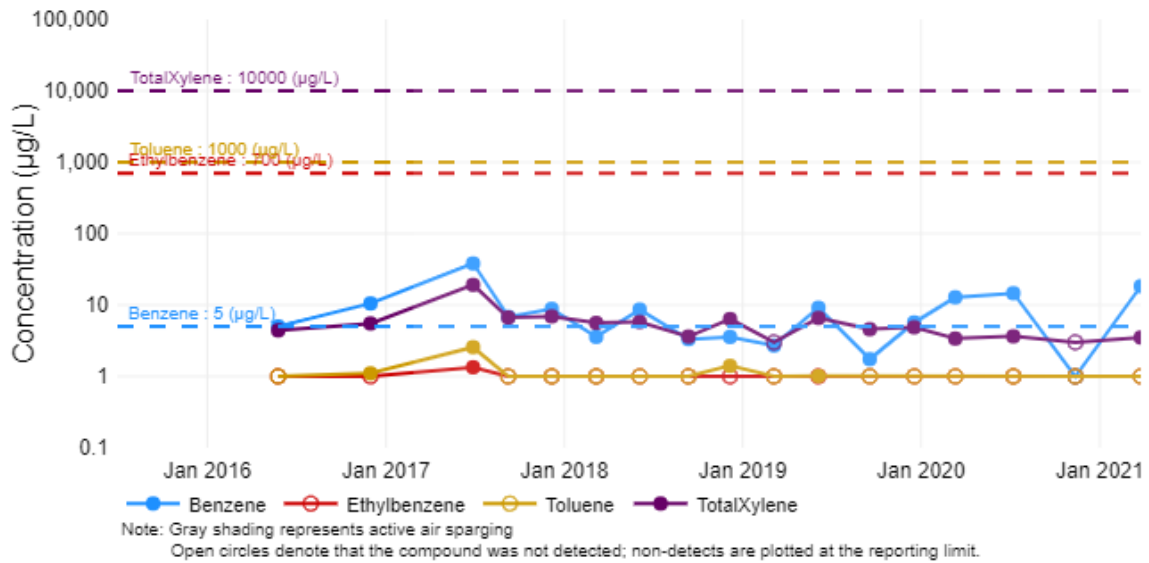


Attachment C – Groundwater Analytical Trends

MW-13B

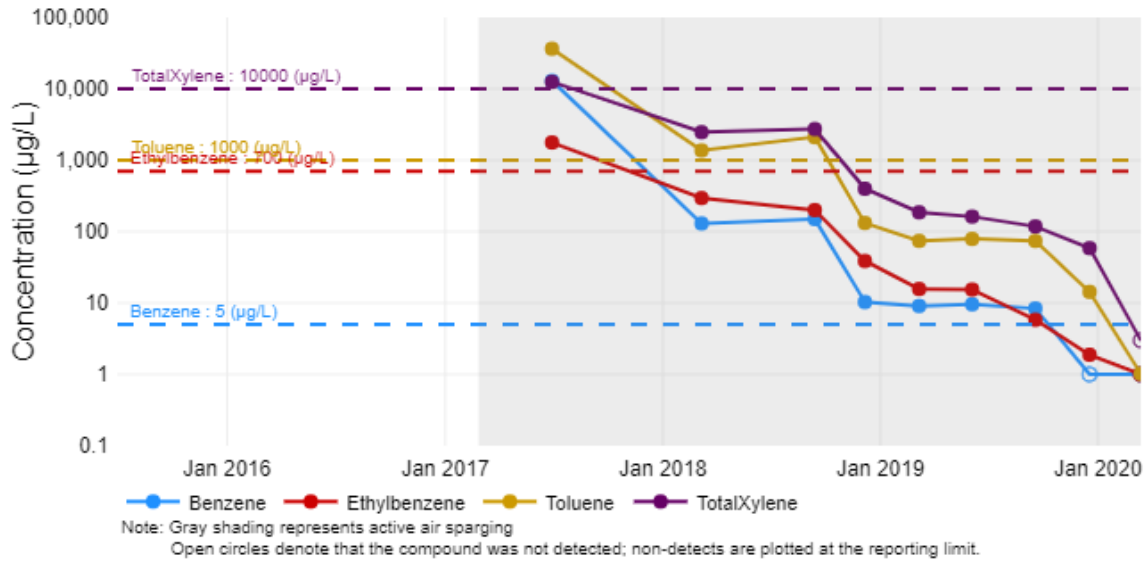


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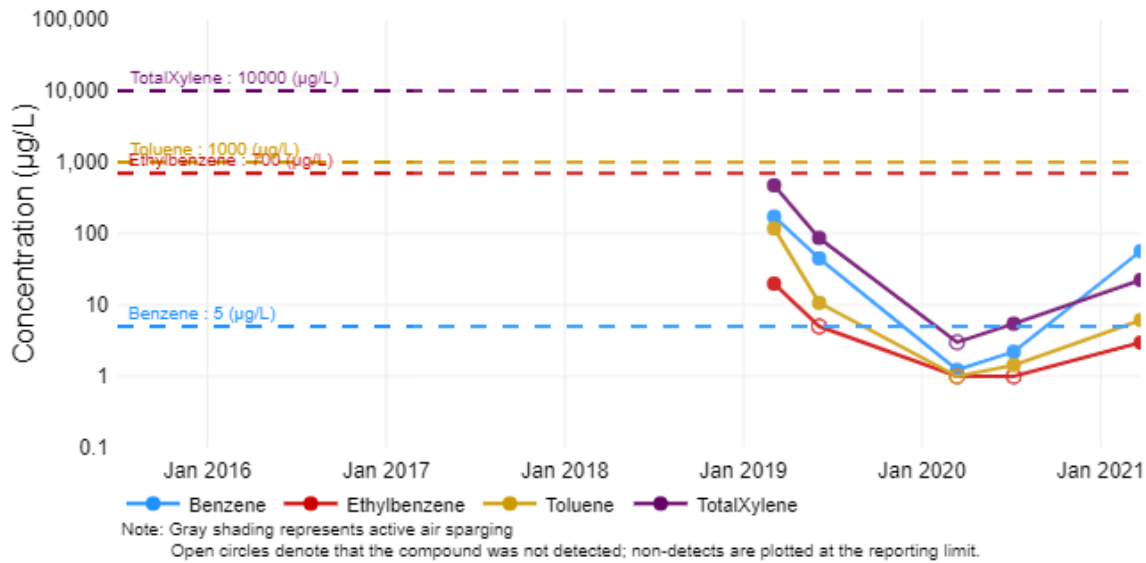


Attachment C – Groundwater Analytical Trends

MW-16

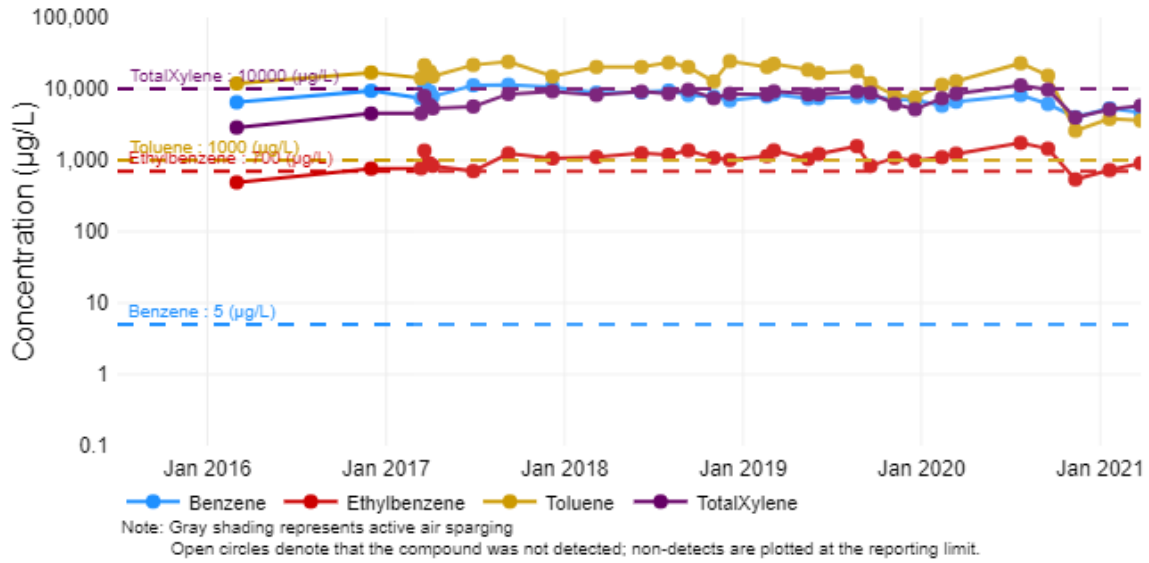


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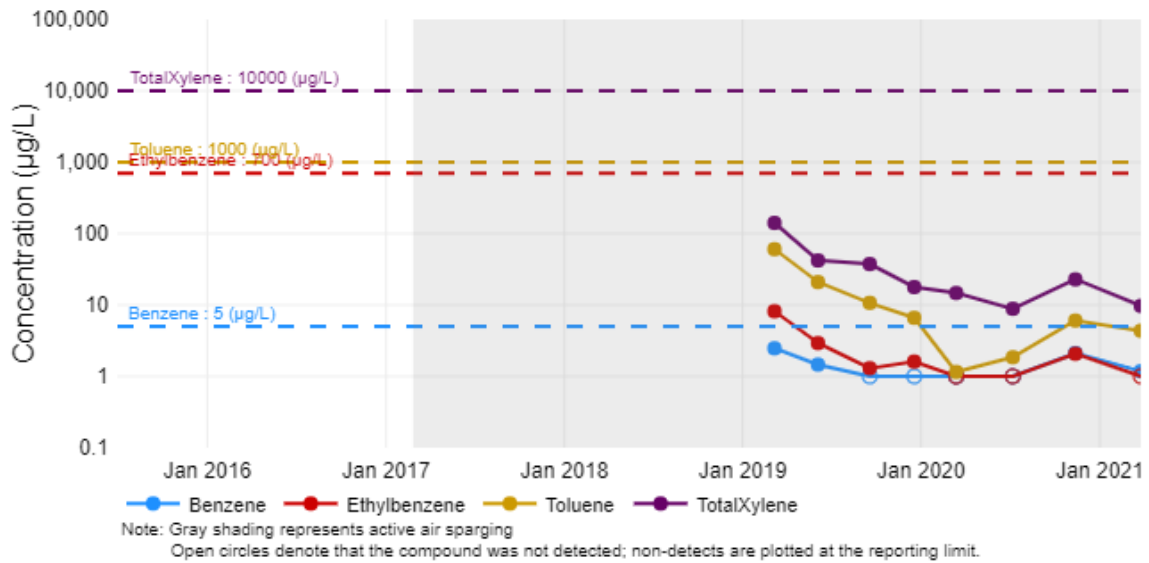


Attachment C – Groundwater Analytical Trends

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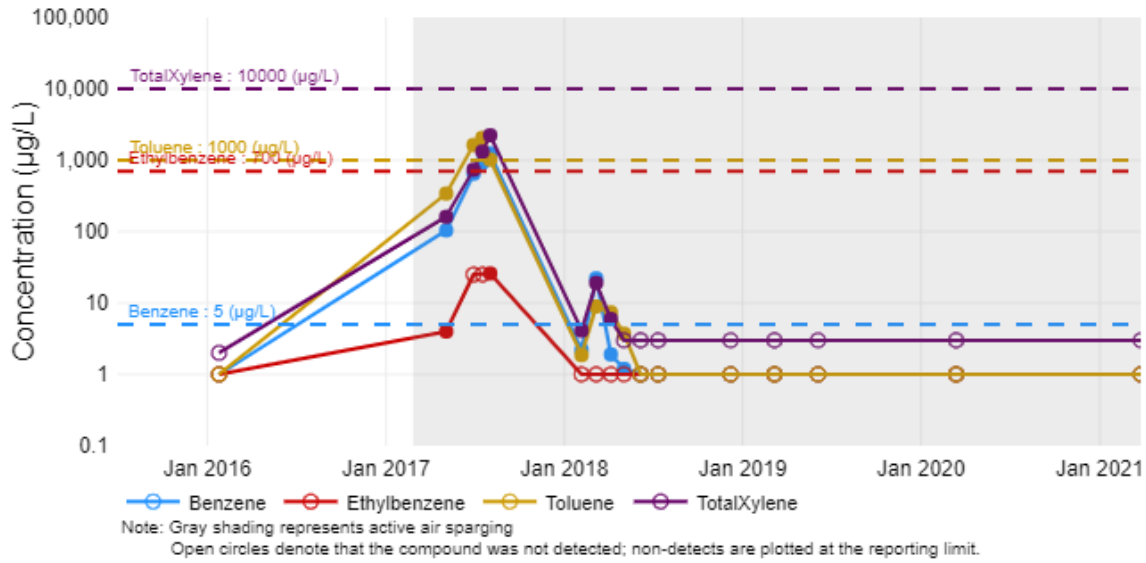


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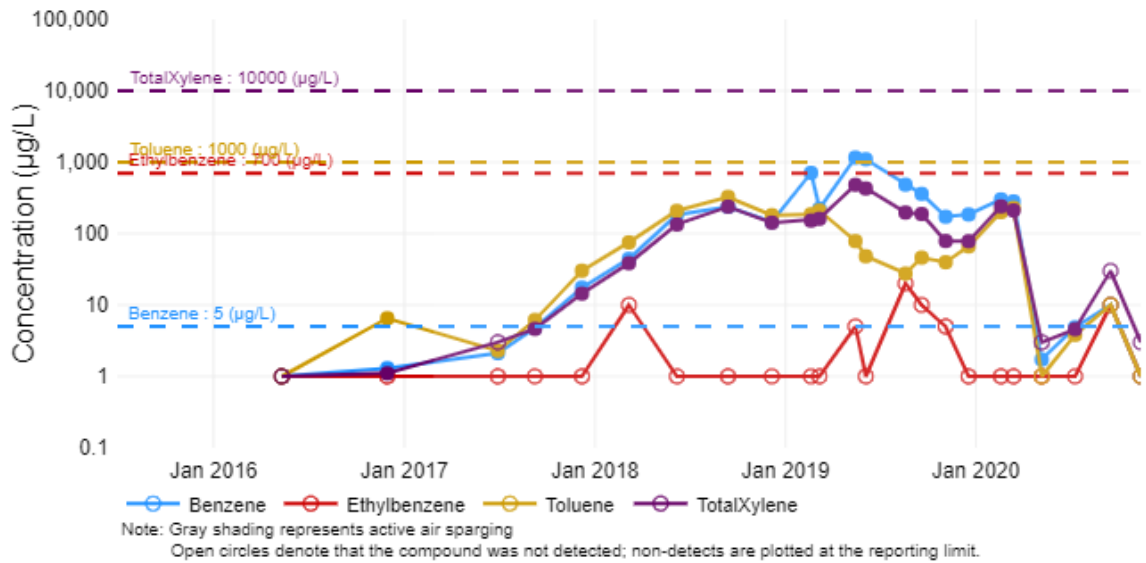


Attachment C – Groundwater Analytical Trends

MW-30

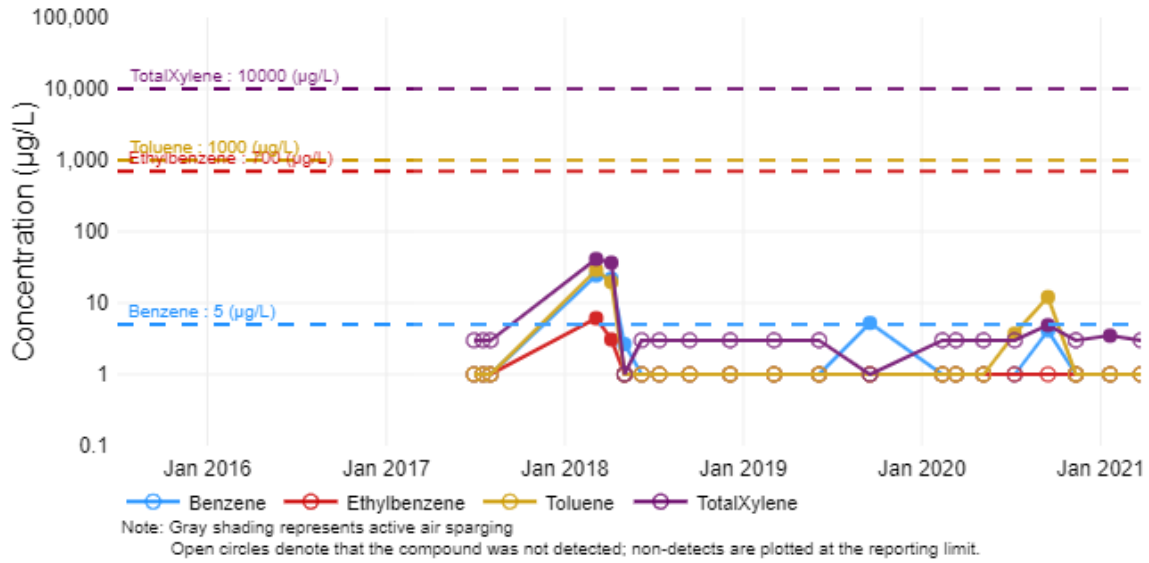


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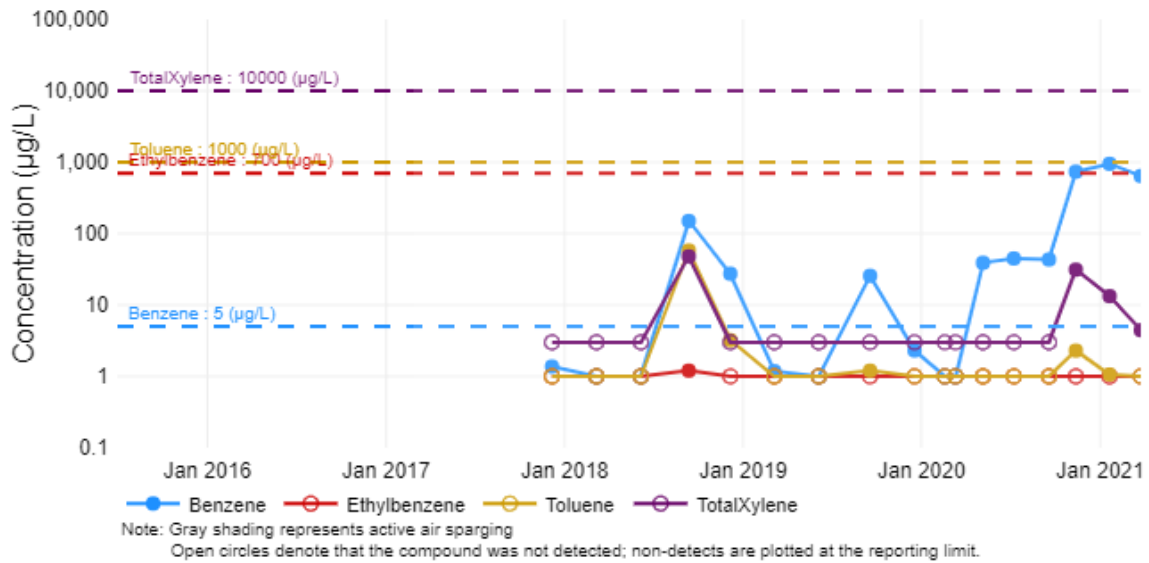


Attachment C – Groundwater Analytical Trends

MW-45

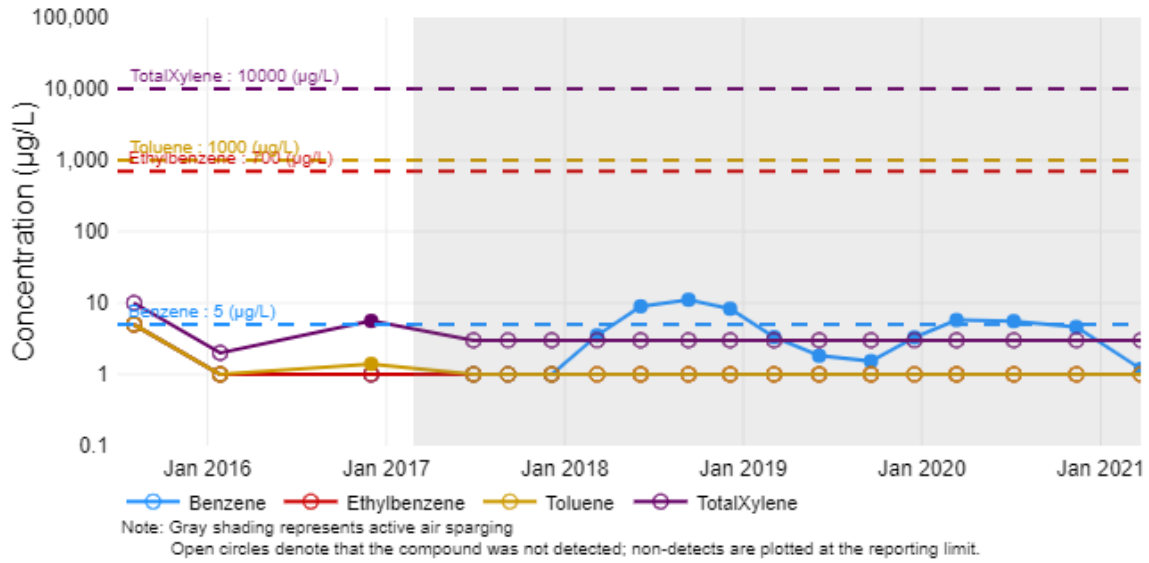


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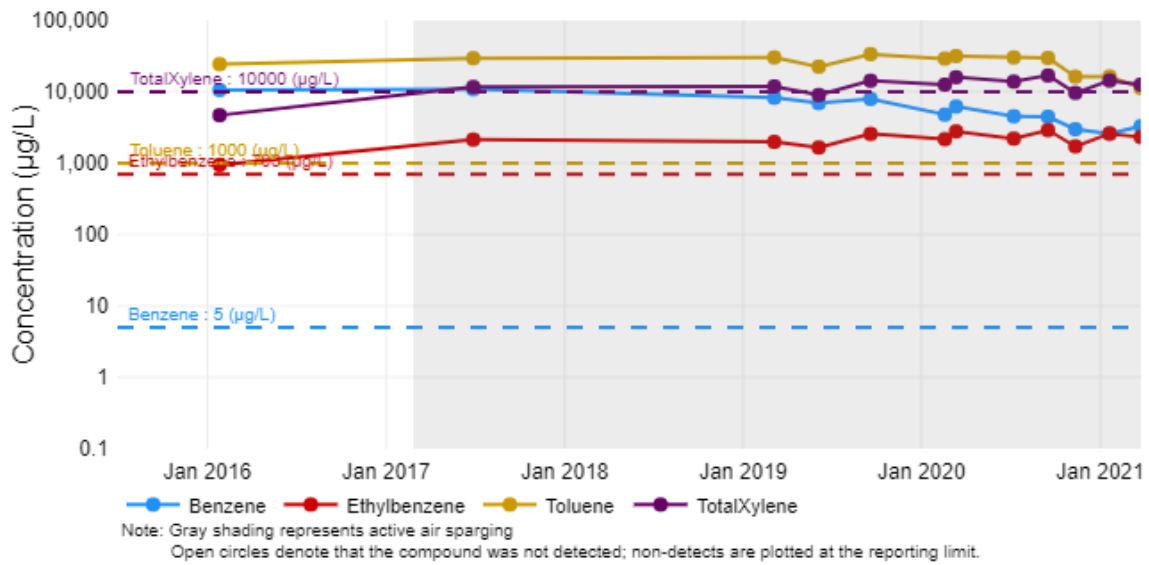


Shallow Bedrock Monitoring Well Trends

MW-01B

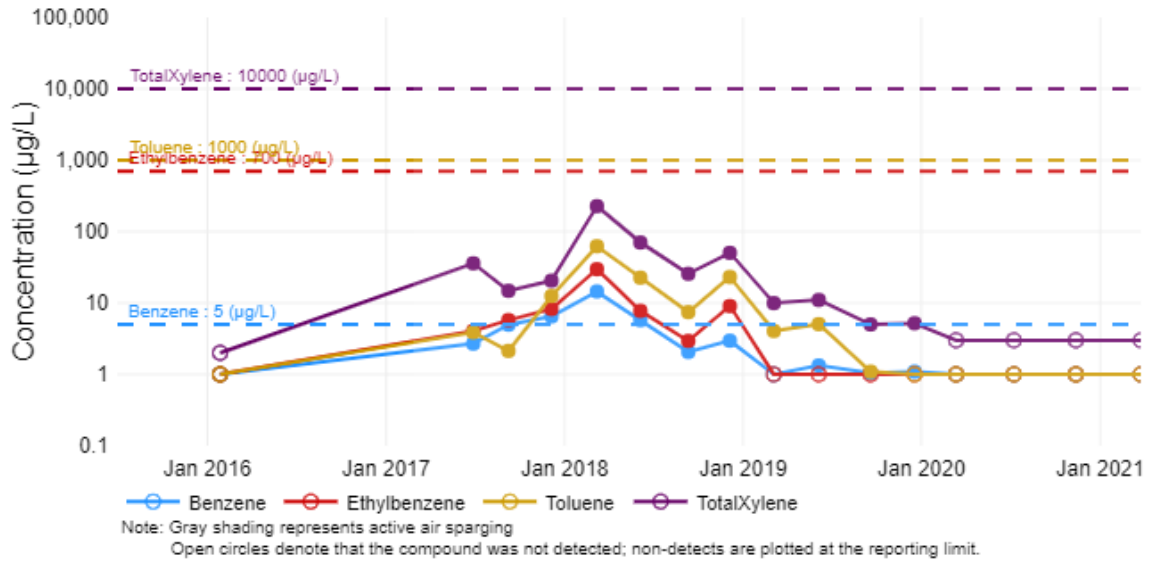


MW-11



Attachment C – Groundwater Analytical Trends

MW-27



Attachment D
Laboratory Analytical Reports

January 28, 2021

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1308947
Samples Received: 01/21/2021
Project Number: KMLDOM21 B.CS.GEN.LD
Description: Lewis Drive Groundwater
Site: LEWIS DRIVE
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:

Erica McNeese
Project Manager

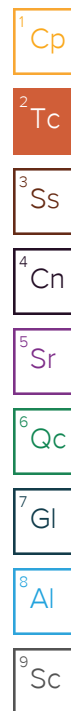
Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com



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SAMPLE SUMMARY

MW-38-012021 L1308947-01 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 11:05

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610059	1	01/22/21 18:01	01/22/21 18:01	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1612508	20	01/28/21 01:10	01/28/21 01:10	JHH	Mt. Juliet, TN

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

MW-37-012021 L1308947-02 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 11:15

Received date/time
01/21/21 09:00

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MW-38B-012021 L1308947-03 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 11:25

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610059	1	01/22/21 18:21	01/22/21 18:21	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1612508	20	01/28/21 01:30	01/28/21 01:30	JHH	Mt. Juliet, TN

MW-13-012021 L1308947-04 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 14:30

Received date/time
01/21/21 09:00

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MW-12B-012021 L1308947-05 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 15:05

Received date/time
01/21/21 09:00

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MW-41-012021 L1308947-06 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 15:15

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
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MW-39-012021 L1308947-07 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 15:25

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	1	01/23/21 01:20	01/23/21 01:20	JCP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610887	20	01/25/21 04:47	01/25/21 04:47	JCP	Mt. Juliet, TN

MW-15B-012021 L1308947-08 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 15:30

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	200	01/23/21 04:54	01/23/21 04:54	JCP	Mt. Juliet, TN

SAMPLE SUMMARY



MW-11-012021 L1308947-09 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 15:45

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	250	01/23/21 05:18	01/23/21 05:18	JCP	Mt. Juliet, TN

1 Cp

2 Tc

MW-11-D-012021 L1308947-10 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 15:40

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	250	01/23/21 05:41	01/23/21 05:41	JCP	Mt. Juliet, TN

3 Ss

4 Cn

MW-20-012021 L1308947-11 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 09:40

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	250	01/23/21 06:05	01/23/21 06:05	JCP	Mt. Juliet, TN

5 Sr

6 Qc

7 Gl

MW-23-012021 L1308947-12 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 09:45

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	100	01/23/21 06:29	01/23/21 06:29	JCP	Mt. Juliet, TN

8 Al

9 Sc

MW-60-012021 L1308947-13 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 09:55

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	1	01/23/21 01:44	01/23/21 01:44	JCP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610887	1	01/25/21 04:07	01/25/21 04:07	JCP	Mt. Juliet, TN

MW-56-012021 L1308947-14 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 10:00

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	1	01/23/21 02:07	01/23/21 02:07	JCP	Mt. Juliet, TN

MW-57-012021 L1308947-15 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 10:05

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	1	01/23/21 02:31	01/23/21 02:31	JCP	Mt. Juliet, TN

MW-45-012021 L1308947-16 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 10:15

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	1	01/23/21 02:55	01/23/21 02:55	JCP	Mt. Juliet, TN

SAMPLE SUMMARY



MW-17B-012021 L1308947-17 GW Collected by
Melissa Warren Collected date/time
01/20/21 10:25 Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	100	01/23/21 06:53	01/23/21 06:53	JCP	Mt. Juliet, TN

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

MW-07-012021 L1308947-18 GW Collected by
Melissa Warren Collected date/time
01/20/21 10:30 Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	25	01/23/21 07:16	01/23/21 07:16	JCP	Mt. Juliet, TN

MW-50B-012021 L1308947-19 GW Collected by
Melissa Warren Collected date/time
01/20/21 10:45 Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	1	01/23/21 04:30	01/23/21 04:30	JCP	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610887	20	01/25/21 05:07	01/25/21 05:07	JCP	Mt. Juliet, TN

MW-13B-012021 L1308947-20 GW Collected by
Melissa Warren Collected date/time
01/20/21 10:50 Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	50	01/23/21 07:40	01/23/21 07:40	JCP	Mt. Juliet, TN

MW-40-012021 L1308947-21 GW Collected by
Melissa Warren Collected date/time
01/20/21 15:55 Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	1	01/23/21 00:56	01/23/21 00:56	JCP	Mt. Juliet, TN

FB01-012021 L1308947-22 GW Collected by
Melissa Warren Collected date/time
01/20/21 16:00 Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	1	01/23/21 00:33	01/23/21 00:33	JCP	Mt. Juliet, TN

TB01-012021 L1308947-23 GW Collected by
Melissa Warren Collected date/time
01/20/21 00:00 Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610384	1	01/23/21 00:09	01/23/21 00:09	JCP	Mt. Juliet, TN



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Erica McNeese
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1200		20.0	20	01/28/2021 01:10	WG1612508
Toluene	10.2		1.00	1	01/22/2021 18:01	WG1610059
Ethylbenzene	4.22		1.00	1	01/22/2021 18:01	WG1610059
Total Xylenes	219		60.0	20	01/28/2021 01:10	WG1612508
Methyl tert-butyl ether	193		1.00	1	01/22/2021 18:01	WG1610059
Naphthalene	52.0		5.00	1	01/22/2021 18:01	WG1610059
1,2-Dichloroethane	ND		1.00	1	01/22/2021 18:01	WG1610059
(S) Toluene-d8	101		80.0-120		01/22/2021 18:01	WG1610059
(S) Toluene-d8	102		80.0-120		01/28/2021 01:10	WG1612508
(S) 4-Bromofluorobenzene	102		77.0-126		01/22/2021 18:01	WG1610059
(S) 4-Bromofluorobenzene	103		77.0-126		01/28/2021 01:10	WG1612508
(S) 1,2-Dichloroethane-d4	74.2		70.0-130		01/22/2021 18:01	WG1610059
(S) 1,2-Dichloroethane-d4	110		70.0-130		01/28/2021 01:10	WG1612508

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/22/2021 15:59	WG1610059
Toluene	ND		1.00	1	01/22/2021 15:59	WG1610059
Ethylbenzene	ND		1.00	1	01/22/2021 15:59	WG1610059
Total Xylenes	ND		3.00	1	01/22/2021 15:59	WG1610059
Methyl tert-butyl ether	ND		1.00	1	01/22/2021 15:59	WG1610059
Naphthalene	ND		5.00	1	01/22/2021 15:59	WG1610059
1,2-Dichloroethane	ND		1.00	1	01/22/2021 15:59	WG1610059
(S) Toluene-d8	71.9	<u>J2</u>	80.0-120		01/22/2021 15:59	WG1610059
(S) 4-Bromofluorobenzene	95.9		77.0-126		01/22/2021 15:59	WG1610059
(S) 1,2-Dichloroethane-d4	84.4		70.0-130		01/22/2021 15:59	WG1610059

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1930		20.0	20	01/28/2021 01:30	WG1612508
Toluene	16.2		1.00	1	01/22/2021 18:21	WG1610059
Ethylbenzene	6.73		1.00	1	01/22/2021 18:21	WG1610059
Total Xylenes	365		60.0	20	01/28/2021 01:30	WG1612508
Methyl tert-butyl ether	193		20.0	20	01/28/2021 01:30	WG1612508
Naphthalene	72.9		5.00	1	01/22/2021 18:21	WG1610059
1,2-Dichloroethane	ND		1.00	1	01/22/2021 18:21	WG1610059
(S) Toluene-d8	99.4		80.0-120		01/22/2021 18:21	WG1610059
(S) Toluene-d8	101		80.0-120		01/28/2021 01:30	WG1612508
(S) 4-Bromofluorobenzene	101		77.0-126		01/22/2021 18:21	WG1610059
(S) 4-Bromofluorobenzene	102		77.0-126		01/28/2021 01:30	WG1612508
(S) 1,2-Dichloroethane-d4	77.9		70.0-130		01/22/2021 18:21	WG1610059
(S) 1,2-Dichloroethane-d4	110		70.0-130		01/28/2021 01:30	WG1612508

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	288		10.0	10	01/28/2021 10:11	WG1612610
Toluene	18.1		10.0	10	01/28/2021 10:11	WG1612610
Ethylbenzene	39.8		10.0	10	01/28/2021 10:11	WG1612610
Total Xylenes	454		30.0	10	01/28/2021 10:11	WG1612610
Methyl tert-butyl ether	ND		10.0	10	01/28/2021 10:11	WG1612610
Naphthalene	ND		50.0	10	01/28/2021 10:11	WG1612610
1,2-Dichloroethane	ND		10.0	10	01/28/2021 10:11	WG1612610
(S) Toluene-d8	100		80.0-120		01/28/2021 10:11	WG1612610
(S) 4-Bromofluorobenzene	103		77.0-126		01/28/2021 10:11	WG1612610
(S) 1,2-Dichloroethane-d4	98.3		70.0-130		01/28/2021 10:11	WG1612610

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	3.89		1.00	1	01/22/2021 16:20	WG1610059
Toluene	ND		1.00	1	01/22/2021 16:20	WG1610059
Ethylbenzene	ND		1.00	1	01/22/2021 16:20	WG1610059
Total Xylenes	ND		3.00	1	01/22/2021 16:20	WG1610059
Methyl tert-butyl ether	ND		1.00	1	01/22/2021 16:20	WG1610059
Naphthalene	ND		5.00	1	01/22/2021 16:20	WG1610059
1,2-Dichloroethane	ND		1.00	1	01/22/2021 16:20	WG1610059
(S) Toluene-d8	87.8		80.0-120		01/22/2021 16:20	WG1610059
(S) 4-Bromofluorobenzene	99.7		77.0-126		01/22/2021 16:20	WG1610059
(S) 1,2-Dichloroethane-d4	79.6		70.0-130		01/22/2021 16:20	WG1610059

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/22/2021 16:40	WG1610059
Toluene	ND		1.00	1	01/22/2021 16:40	WG1610059
Ethylbenzene	ND		1.00	1	01/22/2021 16:40	WG1610059
Total Xylenes	ND		3.00	1	01/22/2021 16:40	WG1610059
Methyl tert-butyl ether	ND		1.00	1	01/22/2021 16:40	WG1610059
Naphthalene	ND		5.00	1	01/22/2021 16:40	WG1610059
1,2-Dichloroethane	ND		1.00	1	01/22/2021 16:40	WG1610059
(S) Toluene-d8	99.6		80.0-120		01/22/2021 16:40	WG1610059
(S) 4-Bromofluorobenzene	97.2		77.0-126		01/22/2021 16:40	WG1610059
(S) 1,2-Dichloroethane-d4	78.7		70.0-130		01/22/2021 16:40	WG1610059

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	853		20.0	20	01/25/2021 04:47	WG1610887
Toluene	48.8		1.00	1	01/23/2021 01:20	WG1610384
Ethylbenzene	23.1		1.00	1	01/23/2021 01:20	WG1610384
Total Xylenes	194		3.00	1	01/23/2021 01:20	WG1610384
Methyl tert-butyl ether	90.1		1.00	1	01/23/2021 01:20	WG1610384
Naphthalene	ND		5.00	1	01/23/2021 01:20	WG1610384
1,2-Dichloroethane	ND		1.00	1	01/23/2021 01:20	WG1610384
(S) Toluene-d8	112		80.0-120		01/23/2021 01:20	WG1610384
(S) Toluene-d8	111		80.0-120		01/25/2021 04:47	WG1610887
(S) 4-Bromofluorobenzene	105		77.0-126		01/23/2021 01:20	WG1610384
(S) 4-Bromofluorobenzene	96.0		77.0-126		01/25/2021 04:47	WG1610887
(S) 1,2-Dichloroethane-d4	103		70.0-130		01/23/2021 01:20	WG1610384
(S) 1,2-Dichloroethane-d4	95.1		70.0-130		01/25/2021 04:47	WG1610887

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	3750		200	200	01/23/2021 04:54	WG1610384
Toluene	995		200	200	01/23/2021 04:54	WG1610384
Ethylbenzene	ND		200	200	01/23/2021 04:54	WG1610384
Total Xylenes	1830		600	200	01/23/2021 04:54	WG1610384
Methyl tert-butyl ether	ND		200	200	01/23/2021 04:54	WG1610384
Naphthalene	ND		1000	200	01/23/2021 04:54	WG1610384
1,2-Dichloroethane	ND		200	200	01/23/2021 04:54	WG1610384
(S) Toluene-d8	115		80.0-120		01/23/2021 04:54	WG1610384
(S) 4-Bromofluorobenzene	108		77.0-126		01/23/2021 04:54	WG1610384
(S) 1,2-Dichloroethane-d4	101		70.0-130		01/23/2021 04:54	WG1610384

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	2600		250	250	01/23/2021 05:18	WG1610384
Toluene	16400		250	250	01/23/2021 05:18	WG1610384
Ethylbenzene	2600		250	250	01/23/2021 05:18	WG1610384
Total Xylenes	14400		750	250	01/23/2021 05:18	WG1610384
Methyl tert-butyl ether	ND		250	250	01/23/2021 05:18	WG1610384
Naphthalene	ND		1250	250	01/23/2021 05:18	WG1610384
1,2-Dichloroethane	ND		250	250	01/23/2021 05:18	WG1610384
(S) Toluene-d8	115		80.0-120		01/23/2021 05:18	WG1610384
(S) 4-Bromofluorobenzene	106		77.0-126		01/23/2021 05:18	WG1610384
(S) 1,2-Dichloroethane-d4	96.8		70.0-130		01/23/2021 05:18	WG1610384

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	2540		250	250	01/23/2021 05:41	WG1610384
Toluene	16300		250	250	01/23/2021 05:41	WG1610384
Ethylbenzene	2520		250	250	01/23/2021 05:41	WG1610384
Total Xylenes	14700		750	250	01/23/2021 05:41	WG1610384
Methyl tert-butyl ether	ND		250	250	01/23/2021 05:41	WG1610384
Naphthalene	ND		1250	250	01/23/2021 05:41	WG1610384
1,2-Dichloroethane	ND		250	250	01/23/2021 05:41	WG1610384
(S) Toluene-d8	112		80.0-120		01/23/2021 05:41	WG1610384
(S) 4-Bromofluorobenzene	104		77.0-126		01/23/2021 05:41	WG1610384
(S) 1,2-Dichloroethane-d4	96.6		70.0-130		01/23/2021 05:41	WG1610384

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	3070		250	250	01/23/2021 06:05	WG1610384
Toluene	10900		250	250	01/23/2021 06:05	WG1610384
Ethylbenzene	897		250	250	01/23/2021 06:05	WG1610384
Total Xylenes	8620		750	250	01/23/2021 06:05	WG1610384
Methyl tert-butyl ether	ND		250	250	01/23/2021 06:05	WG1610384
Naphthalene	ND		1250	250	01/23/2021 06:05	WG1610384
1,2-Dichloroethane	ND		250	250	01/23/2021 06:05	WG1610384
(S) Toluene-d8	113		80.0-120		01/23/2021 06:05	WG1610384
(S) 4-Bromofluorobenzene	101		77.0-126		01/23/2021 06:05	WG1610384
(S) 1,2-Dichloroethane-d4	98.1		70.0-130		01/23/2021 06:05	WG1610384

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1270		100	100	01/23/2021 06:29	WG1610384
Toluene	ND		100	100	01/23/2021 06:29	WG1610384
Ethylbenzene	ND		100	100	01/23/2021 06:29	WG1610384
Total Xylenes	359		300	100	01/23/2021 06:29	WG1610384
Methyl tert-butyl ether	ND		100	100	01/23/2021 06:29	WG1610384
Naphthalene	ND		500	100	01/23/2021 06:29	WG1610384
1,2-Dichloroethane	ND		100	100	01/23/2021 06:29	WG1610384
(S) Toluene-d8	114		80.0-120		01/23/2021 06:29	WG1610384
(S) 4-Bromofluorobenzene	102		77.0-126		01/23/2021 06:29	WG1610384
(S) 1,2-Dichloroethane-d4	99.2		70.0-130		01/23/2021 06:29	WG1610384

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/25/2021 04:07	WG1610887
Toluene	ND		1.00	1	01/23/2021 01:44	WG1610384
Ethylbenzene	ND		1.00	1	01/23/2021 01:44	WG1610384
Total Xylenes	ND		3.00	1	01/23/2021 01:44	WG1610384
Methyl tert-butyl ether	ND		1.00	1	01/23/2021 01:44	WG1610384
Naphthalene	ND		5.00	1	01/23/2021 01:44	WG1610384
1,2-Dichloroethane	ND		1.00	1	01/23/2021 01:44	WG1610384
(S) Toluene-d8	112		80.0-120		01/23/2021 01:44	WG1610384
(S) Toluene-d8	110		80.0-120		01/25/2021 04:07	WG1610887
(S) 4-Bromofluorobenzene	102		77.0-126		01/23/2021 01:44	WG1610384
(S) 4-Bromofluorobenzene	97.0		77.0-126		01/25/2021 04:07	WG1610887
(S) 1,2-Dichloroethane-d4	101		70.0-130		01/23/2021 01:44	WG1610384
(S) 1,2-Dichloroethane-d4	89.6		70.0-130		01/25/2021 04:07	WG1610887

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/23/2021 02:07	WG1610384
Toluene	ND		1.00	1	01/23/2021 02:07	WG1610384
Ethylbenzene	ND		1.00	1	01/23/2021 02:07	WG1610384
Total Xylenes	ND		3.00	1	01/23/2021 02:07	WG1610384
Methyl tert-butyl ether	60.0		1.00	1	01/23/2021 02:07	WG1610384
Naphthalene	ND		5.00	1	01/23/2021 02:07	WG1610384
1,2-Dichloroethane	ND		1.00	1	01/23/2021 02:07	WG1610384
(S) Toluene-d8	116		80.0-120		01/23/2021 02:07	WG1610384
(S) 4-Bromofluorobenzene	105		77.0-126		01/23/2021 02:07	WG1610384
(S) 1,2-Dichloroethane-d4	97.6		70.0-130		01/23/2021 02:07	WG1610384

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	20.4		1.00	1	01/23/2021 02:31	WG1610384
Toluene	ND		1.00	1	01/23/2021 02:31	WG1610384
Ethylbenzene	ND		1.00	1	01/23/2021 02:31	WG1610384
Total Xylenes	ND		3.00	1	01/23/2021 02:31	WG1610384
Methyl tert-butyl ether	50.1		1.00	1	01/23/2021 02:31	WG1610384
Naphthalene	ND		5.00	1	01/23/2021 02:31	WG1610384
1,2-Dichloroethane	ND		1.00	1	01/23/2021 02:31	WG1610384
(S) Toluene-d8	113		80.0-120		01/23/2021 02:31	WG1610384
(S) 4-Bromofluorobenzene	106		77.0-126		01/23/2021 02:31	WG1610384
(S) 1,2-Dichloroethane-d4	100		70.0-130		01/23/2021 02:31	WG1610384

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/23/2021 02:55	WG1610384
Toluene	ND		1.00	1	01/23/2021 02:55	WG1610384
Ethylbenzene	ND		1.00	1	01/23/2021 02:55	WG1610384
Total Xylenes	3.48		3.00	1	01/23/2021 02:55	WG1610384
Methyl tert-butyl ether	25.1		1.00	1	01/23/2021 02:55	WG1610384
Naphthalene	ND		5.00	1	01/23/2021 02:55	WG1610384
1,2-Dichloroethane	ND		1.00	1	01/23/2021 02:55	WG1610384
(S) Toluene-d8	116		80.0-120		01/23/2021 02:55	WG1610384
(S) 4-Bromofluorobenzene	103		77.0-126		01/23/2021 02:55	WG1610384
(S) 1,2-Dichloroethane-d4	102		70.0-130		01/23/2021 02:55	WG1610384

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	5320		100	100	01/23/2021 06:53	WG1610384
Toluene	3790		100	100	01/23/2021 06:53	WG1610384
Ethylbenzene	726		100	100	01/23/2021 06:53	WG1610384
Total Xylenes	5150		300	100	01/23/2021 06:53	WG1610384
Methyl tert-butyl ether	341		100	100	01/23/2021 06:53	WG1610384
Naphthalene	ND		500	100	01/23/2021 06:53	WG1610384
1,2-Dichloroethane	ND		100	100	01/23/2021 06:53	WG1610384
(S) Toluene-d8	112		80.0-120		01/23/2021 06:53	WG1610384
(S) 4-Bromofluorobenzene	104		77.0-126		01/23/2021 06:53	WG1610384
(S) 1,2-Dichloroethane-d4	102		70.0-130		01/23/2021 06:53	WG1610384

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	216		25.0	25	01/23/2021 07:16	WG1610384
Toluene	726		25.0	25	01/23/2021 07:16	WG1610384
Ethylbenzene	511		25.0	25	01/23/2021 07:16	WG1610384
Total Xylenes	4030		75.0	25	01/23/2021 07:16	WG1610384
Methyl tert-butyl ether	ND		25.0	25	01/23/2021 07:16	WG1610384
Naphthalene	ND		125	25	01/23/2021 07:16	WG1610384
1,2-Dichloroethane	ND		25.0	25	01/23/2021 07:16	WG1610384
(S) Toluene-d8	112		80.0-120		01/23/2021 07:16	WG1610384
(S) 4-Bromofluorobenzene	102		77.0-126		01/23/2021 07:16	WG1610384
(S) 1,2-Dichloroethane-d4	101		70.0-130		01/23/2021 07:16	WG1610384

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	948		20.0	20	01/25/2021 05:07	WG1610887
Toluene	1.06		1.00	1	01/23/2021 04:30	WG1610384
Ethylbenzene	ND		1.00	1	01/23/2021 04:30	WG1610384
Total Xylenes	13.3		3.00	1	01/23/2021 04:30	WG1610384
Methyl tert-butyl ether	97.5		1.00	1	01/23/2021 04:30	WG1610384
Naphthalene	ND		5.00	1	01/23/2021 04:30	WG1610384
1,2-Dichloroethane	ND		1.00	1	01/23/2021 04:30	WG1610384
(S) Toluene-d8	112		80.0-120		01/23/2021 04:30	WG1610384
(S) Toluene-d8	113		80.0-120		01/25/2021 05:07	WG1610887
(S) 4-Bromofluorobenzene	105		77.0-126		01/23/2021 04:30	WG1610384
(S) 4-Bromofluorobenzene	101		77.0-126		01/25/2021 05:07	WG1610887
(S) 1,2-Dichloroethane-d4	97.8		70.0-130		01/23/2021 04:30	WG1610384
(S) 1,2-Dichloroethane-d4	92.4		70.0-130		01/25/2021 05:07	WG1610887

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1210		50.0	50	01/23/2021 07:40	WG1610384
Toluene	51.5		50.0	50	01/23/2021 07:40	WG1610384
Ethylbenzene	ND		50.0	50	01/23/2021 07:40	WG1610384
Total Xylenes	ND		150	50	01/23/2021 07:40	WG1610384
Methyl tert-butyl ether	157		50.0	50	01/23/2021 07:40	WG1610384
Naphthalene	ND		250	50	01/23/2021 07:40	WG1610384
1,2-Dichloroethane	ND		50.0	50	01/23/2021 07:40	WG1610384
(S) Toluene-d8	118		80.0-120		01/23/2021 07:40	WG1610384
(S) 4-Bromofluorobenzene	101		77.0-126		01/23/2021 07:40	WG1610384
(S) 1,2-Dichloroethane-d4	98.2		70.0-130		01/23/2021 07:40	WG1610384

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/23/2021 00:56	WG1610384
Toluene	ND		1.00	1	01/23/2021 00:56	WG1610384
Ethylbenzene	ND		1.00	1	01/23/2021 00:56	WG1610384
Total Xylenes	ND		3.00	1	01/23/2021 00:56	WG1610384
Methyl tert-butyl ether	17.3		1.00	1	01/23/2021 00:56	WG1610384
Naphthalene	ND		5.00	1	01/23/2021 00:56	WG1610384
1,2-Dichloroethane	ND		1.00	1	01/23/2021 00:56	WG1610384
(S) Toluene-d8	112		80.0-120		01/23/2021 00:56	WG1610384
(S) 4-Bromofluorobenzene	103		77.0-126		01/23/2021 00:56	WG1610384
(S) 1,2-Dichloroethane-d4	103		70.0-130		01/23/2021 00:56	WG1610384

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/23/2021 00:33	WG1610384
Toluene	ND		1.00	1	01/23/2021 00:33	WG1610384
Ethylbenzene	ND		1.00	1	01/23/2021 00:33	WG1610384
Total Xylenes	ND		3.00	1	01/23/2021 00:33	WG1610384
Methyl tert-butyl ether	ND		1.00	1	01/23/2021 00:33	WG1610384
Naphthalene	ND		5.00	1	01/23/2021 00:33	WG1610384
1,2-Dichloroethane	ND		1.00	1	01/23/2021 00:33	WG1610384
(S) Toluene-d8	114		80.0-120		01/23/2021 00:33	WG1610384
(S) 4-Bromofluorobenzene	102		77.0-126		01/23/2021 00:33	WG1610384
(S) 1,2-Dichloroethane-d4	101		70.0-130		01/23/2021 00:33	WG1610384

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/23/2021 00:09	WG1610384
Toluene	ND		1.00	1	01/23/2021 00:09	WG1610384
Ethylbenzene	ND		1.00	1	01/23/2021 00:09	WG1610384
Total Xylenes	ND		3.00	1	01/23/2021 00:09	WG1610384
Methyl tert-butyl ether	ND		1.00	1	01/23/2021 00:09	WG1610384
Naphthalene	ND		5.00	1	01/23/2021 00:09	WG1610384
1,2-Dichloroethane	ND		1.00	1	01/23/2021 00:09	WG1610384
(S) Toluene-d8	112		80.0-120		01/23/2021 00:09	WG1610384
(S) 4-Bromofluorobenzene	99.7		77.0-126		01/23/2021 00:09	WG1610384
(S) 1,2-Dichloroethane-d4	98.9		70.0-130		01/23/2021 00:09	WG1610384

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Method Blank (MB)

(MB) R3616776-2 01/22/21 10:28

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	104			80.0-120
(S) 4-Bromofluorobenzene	102			77.0-126
(S) 1,2-Dichloroethane-d4	75.5			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R3616776-1 01/22/21 09:28

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	5.66	113	70.0-130	
1,2-Dichloroethane	5.00	4.19	83.8	70.0-130	
Ethylbenzene	5.00	5.22	104	70.0-130	
Methyl tert-butyl ether	5.00	5.63	113	70.0-130	
Naphthalene	5.00	5.55	111	70.0-130	
Toluene	5.00	5.50	110	70.0-130	
Xylenes, Total	15.0	15.7	105	70.0-130	
(S) Toluene-d8			99.6	80.0-120	
(S) 4-Bromofluorobenzene			100	77.0-126	
(S) 1,2-Dichloroethane-d4			76.6	70.0-130	



Method Blank (MB)

(MB) R3615700-3 01/22/21 23:45

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
<i>(S) Toluene-d8</i>	114			80.0-120
<i>(S) 4-Bromofluorobenzene</i>	102			77.0-126
<i>(S) 1,2-Dichloroethane-d4</i>	101			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3615700-1 01/22/21 22:34

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	4.73	94.6	70.0-130	
1,2-Dichloroethane	5.00	4.54	90.8	70.0-130	
Ethylbenzene	5.00	4.71	94.2	70.0-130	
Methyl tert-butyl ether	5.00	4.49	89.8	70.0-130	
Naphthalene	5.00	5.09	102	70.0-130	
Toluene	5.00	5.15	103	70.0-130	
Xylenes, Total	15.0	13.7	91.3	70.0-130	
<i>(S) Toluene-d8</i>			115	80.0-120	
<i>(S) 4-Bromofluorobenzene</i>			99.1	77.0-126	
<i>(S) 1,2-Dichloroethane-d4</i>			99.6	70.0-130	

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Method Blank (MB)

(MB) R3616225-2 01/24/21 22:44

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
(S) Toluene-d8	112			80.0-120
(S) 4-Bromofluorobenzene	100			77.0-126
(S) 1,2-Dichloroethane-d4	88.3			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3616225-1 01/24/21 22:04

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.79	95.8	70.0-130	
(S) Toluene-d8			107	80.0-120	
(S) 4-Bromofluorobenzene			100	77.0-126	
(S) 1,2-Dichloroethane-d4			94.4	70.0-130	

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Method Blank (MB)

(MB) R3617048-3 01/27/21 23:50

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
Methyl tert-butyl ether	U		0.101	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	102			80.0-120
(S) 4-Bromofluorobenzene	101			77.0-126
(S) 1,2-Dichloroethane-d4	112			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3617048-1 01/27/21 22:49 • (LCSD) R3617048-2 01/27/21 23:09

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	5.00	5.13	5.10	103	102	70.0-130			0.587	20
Methyl tert-butyl ether	5.00	4.78	4.49	95.6	89.8	70.0-130			6.26	20
Xylenes, Total	15.0	16.0	15.4	107	103	70.0-130			3.82	20
(S) Toluene-d8				101	98.1	80.0-120				
(S) 4-Bromofluorobenzene				97.7	98.5	77.0-126				
(S) 1,2-Dichloroethane-d4				113	116	70.0-130				

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3616991-3 01/28/21 09:08

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	101			80.0-120
(S) 4-Bromofluorobenzene	98.3			77.0-126
(S) 1,2-Dichloroethane-d4	98.4			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3616991-1 01/28/21 08:11 • (LCSD) R3616991-2 01/28/21 08:30

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	5.00	5.49	5.05	110	101	70.0-130			8.35	20
1,2-Dichloroethane	5.00	5.37	5.17	107	103	70.0-130			3.80	20
Ethylbenzene	5.00	5.21	4.77	104	95.4	70.0-130			8.82	20
Methyl tert-butyl ether	5.00	6.10	5.83	122	117	70.0-130			4.53	20
Naphthalene	5.00	4.38	4.60	87.6	92.0	70.0-130			4.90	20
Toluene	5.00	5.35	4.95	107	99.0	70.0-130			7.77	20
Xylenes, Total	15.0	15.9	14.4	106	96.0	70.0-130			9.90	20
(S) Toluene-d8				99.8	100	80.0-120				
(S) 4-Bromofluorobenzene				98.4	102	77.0-126				
(S) 1,2-Dichloroethane-d4				100	103	70.0-130				



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Qualifier Description

J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
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Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN, 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	AZLA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

Pace Analytical National 1313 Point Mallard Parkway SE Suite B Decatur, AL, 35601

Alabama	40160
ANSI National Accreditation Board	L2239

Pace Analytical National 660 Bercut Dr. Ste. C Sacramento, CA, 95811

California	2961	Oregon	CA300002
Minnesota	006-999-465	Washington	C926
North Dakota	R-214		

Pace Analytical National 6000 South Eastern Avenue Ste 9A Las Vegas, NV, 89119

Nevada	NV009412021-1
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Pace Analytical National 1606 E. Brazos Street Suite D Victoria, TX, 77901

Texas	T104704328-20-18
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¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400

Atlanta GA 30309

Report to:
Bethany Garvey

Project Description:
Lewis Drive Groundwater

Phone: 404-751-5651

Collected by (print):
MELISSA WALTON

Collected by (signature):
[Signature]

Immediately Packed on Ice N Y

Billing Information:

Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Email To:
bethany.garvey@jacobs.com;tom.wiley@jacobs

City/State Collected: **BELTON, SC**

Please Circle:
PT MT CT ET

Client Project #
KMLDOM21
B.CS.GEN.1DOM21W

Site/Facility ID #
LEWIS DRIVE

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Lab Project #
KINCH2MGA-LEWIS12

P.O. #

Quote #

Date Results Needed

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Pres Chk	Analysis / Container / Preservative
MW-38-012021	GRAB	GW	NA	1/20/21	1105	3	X	
MW-37-012021		GW			1115	3	X	
MW-38B-012021		GW			1125	3	X	
MW-13-012021		GW			1430	3	X	
MW-12B-012021		GW			1505	3	X	
MW-41-012021		GW			1515	3	X	
MW-39-012021		GW			1525	3	X	
MW-15B-012021		GW			1530	3	X	
MW-11-012021		GW			1545	3	X	
MW-11-D-012021		GW			1540	3	X	

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: V8260BTEXMNSC = BTEX, Naphthalene, MTBE, 12-DCA

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
 UPS FedEx Courier

Tracking # 957757518352

Sample Receipt Checklist	
COC Seal Present/Intact: <input type="checkbox"/> NP <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
If Applicable	
VOA Zero Headspace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Preservation Correct/Checked: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
RAD Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

Relinquished by: (Signature)
[Signature]

Date: 1/20/21 Time: 1730

Received by: (Signature)
[Signature]

Trip Blank Received: Yes No
 HCL MeOH
 TBR

Relinquished by: (Signature)

Date: Time:

Received by: (Signature)
[Signature]

Temp: 11.0°C
 Bottles Received: 66

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: Time:

Received for lab by: (Signature)
[Signature]

Date: 1/21/21 Time: 9:00

Hold: Condition: NCF / OK

Chain of Custody Page 1 of 3



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



B087
L1308947

Accnum: KINCH2MGA
 Template: T180501
 Prelogin: P821840
 PM: 526 - Chris McCord
 PB: 1-13-2021
 Shipped Via: FedEX Ground

Remarks	Sample # (lab only)
	-01
	-02
	-03
	-04
	-05
	-06
	-07
	-08
	-09
	-10

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400

Atlanta GA 30309

Report to:
Bethany Garvey

Project Description:
Lewis Drive Groundwater

City/State
Collected: **BELTON, SC**

Please Circle:
PT MT CT ET

Phone: 404-751-5651

Client Project #
KMLDOW 21
B. CS. GEN. LDOME 64

Lab Project #
KINCH2MGA-LEWIS12

Collected by (print):
MELISSA WALKER

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]

Rush? (Lab MUST Be Notified)

Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #

Date Results Needed

Immediately Packed on Ice N Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative	Chain of Custody
MW-20-012021	GRAB	GW	NA	01/20/21	0940	3	X	V8260BTEXMNSC 40m IAmb-HCI
MW-23-012021		GW			0945	3	X	
MW-60-012021		GW			0955	3	X	
MW-56-012021		GW			1000	3	X	
MW-57-012021		GW			1005	3	X	
MW-45-012021		GW			1015	3	X	
MW-17B-012021		GW			1025	3	X	
MW-07-012021		GW			1030	3	X	
MW-50B-012021		GW			1045	3	X	
MW-13B-012021		GW			1050	3	X	

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other _____

Remarks: V8260BTEXMNSC = BTEX, Naphthalene, MTBE, 12-DCA

pH _____ Temp _____
Flow _____ Other _____

Sample Receipt Checklist	
COC Seal Present/Intact:	NP <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
COC Signed/Accurate:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
Bottles arrive intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
Correct bottles used:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
Sufficient volume sent:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
If Applicable	
VOA Zero Headspace:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
Preservation Correct/Checked:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
RAD Screen <0.5 mR/hr:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>

Samples returned via:
 UPS FedEx Courier _____

Tracking #

Relinquished by: (Signature) <i>[Signature]</i>	Date: 1/20/21	Time: 1730	Received by: (Signature)	Trip Blank Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Bottles Received: <i>[Signature]</i>	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: <i>[Signature]</i> °C	<i>[Signature]</i>	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 1/21/21	Time: 9:00	Hold: Condition: NCF / <input checked="" type="checkbox"/> OK

Chain of Custody Page 2 of 3



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



SDG # **U308947**

Table #

Acctnum: **KINCH2MGA**

Template: **T180501**

Prelogin: **P821840**

PM: **526 - Chris McCord**

PB: **1-13-2021**

Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400
Atlanta GA 30309

Report to:
Bethany Garvey

Project Description:
Lewis Drive Groundwater

Phone: 404-751-5651

Collected by (print):
MEISSA WARREN

Collected by (signature):

Immediately Packed on Ice N ___ Y

Billing Information:

Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Email To:
bethany.garvey@jacobs.com; tom.wiley@jacobs

City/State Collected: **BELTON, SC**

Please Circle:
PT MT CT ET

Client Project #
KMLD0421
B.C.S. GEN. LMMR. GA

Site/Facility ID #
LEWIS DRIVE

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Lab Project #
KINCH2MGA-LEWIS12

P.O. #

Quote #

Date Results Needed

Pres Chk

V8260BTEXMNSC 40mi/Amb-HCI

TRIP BLANK

Analysis / Container / Preservative



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



SDG # **L1308947**

Table #

Acctnum: **KINCH2MGA**

Template: **T180501**

Prelogin: **P821840**

PM: **526 - Chris McCord**

PB: **1-13-2021/6m**

Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis	Container	Preservative	Remarks	Sample # (lab only)
MW-40-01202)	GRAB	GW	NA	6/120/21	1555	3	X				-21
FB01-01202)	↓	GW	↓	↓	1600	3	X				-22
TB01-01202)	↓	GW	↓	↓	-	3	X				-23
		GW				3	X				
		GW				3	X				
		GW				3	X				
		GW				3	X				
		GW				3	X				
		GW				3	X				

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other _____

Remarks: V8260BTEXMNSC = BTEX, Naphthalene, MTBE, 12-DCA

pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist	
COC Seal Present/Intact: ___ NP	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
COC Signed/Accurate:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Bottles arrive intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Correct bottles used:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Sufficient volume sent:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
If Applicable	
VOA Zero Headspace:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Preservation Correct/Checked:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
RAD Screen <0.5 mR/hr:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Samples returned via:
 UPS FedEx Courier _____

Tracking #

Relinquished by: (Signature) <i>[Signature]</i>	Date: 1/20/21	Time: 1730	Received by: (Signature) <i>[Signature]</i>	Trip Blank Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No HCL MeOH TBR	Bottles Received: 66	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 16.1°C	66	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 1/21/21	Time: 9:00	Hold: Condition: NCF / <input checked="" type="checkbox"/> OK

April 05, 2021

Revised Report

Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1330593
Samples Received: 03/25/2021
Project Number: KMLDOM21 B.CS.GEN.LD
Description: Lewis Drive Groundwater
Site: LEWIS DRIVE
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Entire Report Reviewed By:



Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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FB01-032421 L1330593-16	24	
TB02-032421 L1330593-17	25	
MW-43-032421 L1330593-18	26	
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MW-24B-032421 L1330593-21	29	
MW-19-032421 L1330593-22	30	
MW-44B-032421 L1330593-23	31	
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Al: Accreditations & Locations

53

Sc: Sample Chain of Custody

54

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

SAMPLE SUMMARY

MW-17-032421 L1330593-01 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 15:35

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	1	03/26/21 15:33	03/26/21 15:33	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644411	1	04/02/21 05:59	04/02/21 05:59	TPR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW-29-032421 L1330593-02 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 09:30

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	1	03/26/21 15:52	03/26/21 15:52	BMB	Mt. Juliet, TN

MW-22-032421 L1330593-03 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 10:00

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1642443	1	03/30/21 03:19	03/30/21 03:19	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1642443	1	03/30/21 03:19	03/30/21 03:19	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1640602	1	03/26/21 00:35	03/26/21 00:35	MCG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1641970	1	03/29/21 13:57	03/29/21 13:57	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	1	03/26/21 16:11	03/26/21 16:11	BMB	Mt. Juliet, TN

MW-20-032421 L1330593-04 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 10:20

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1642443	1	03/30/21 03:30	03/30/21 03:30	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1642443	1	03/30/21 03:30	03/30/21 03:30	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1640602	1	03/26/21 00:51	03/26/21 00:51	MCG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1641970	1	03/29/21 13:59	03/29/21 13:59	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	250	03/26/21 19:21	03/26/21 19:21	BMB	Mt. Juliet, TN

MW-26-032421 L1330593-05 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 10:40

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	1	03/26/21 16:30	03/26/21 16:30	BMB	Mt. Juliet, TN

MW-26B-032421 L1330593-06 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 10:50

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	1	03/26/21 16:49	03/26/21 16:49	BMB	Mt. Juliet, TN

MW-01-032421 L1330593-07 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 11:00

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1642443	1	03/30/21 03:41	03/30/21 03:41	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1642443	1	03/30/21 03:41	03/30/21 03:41	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1640602	1	03/26/21 02:10	03/26/21 02:10	MCG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1641970	1	03/29/21 14:03	03/29/21 14:03	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	1	03/26/21 17:08	03/26/21 17:08	BMB	Mt. Juliet, TN

SAMPLE SUMMARY

MW-01B-032421 L1330593-08 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 11:15

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	1	03/26/21 17:27	03/26/21 17:27	BMB	Mt. Juliet, TN

1 Cp

2 Tc

MW-44-032421 L1330593-09 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 11:25

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	1	03/26/21 17:46	03/26/21 17:46	BMB	Mt. Juliet, TN

3 Ss

4 Cn

5 Sr

MW-23-D-032421 L1330593-10 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 13:20

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	100	03/26/21 19:40	03/26/21 19:40	BMB	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

MW-23B-032421 L1330593-11 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 13:30

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	1	03/26/21 18:05	03/26/21 18:05	BMB	Mt. Juliet, TN

9 Sc

MW-46-032421 L1330593-12 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 13:40

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	1	03/26/21 18:24	03/26/21 18:24	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644411	1	04/02/21 06:19	04/02/21 06:19	TPR	Mt. Juliet, TN

MW-57-D-032421 L1330593-13 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 14:10

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	1	03/26/21 18:43	03/26/21 18:43	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644411	1	04/02/21 06:39	04/02/21 06:39	TPR	Mt. Juliet, TN

MW-45-032421 L1330593-14 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 14:45

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641197	1	03/26/21 19:02	03/26/21 19:02	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644411	1	04/02/21 07:00	04/02/21 07:00	TPR	Mt. Juliet, TN

MW-40-032421 L1330593-15 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 15:30

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1642443	1	03/30/21 03:51	03/30/21 03:51	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1642443	1	03/30/21 03:51	03/30/21 03:51	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1640602	1	03/26/21 01:07	03/26/21 01:07	MCG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1641970	1	03/29/21 14:05	03/29/21 14:05	DAH	Mt. Juliet, TN

SAMPLE SUMMARY

MW-40-032421 L1330593-15 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 15:30

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641527	1	03/28/21 02:58	03/28/21 02:58	BMB	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

FB01-032421 L1330593-16 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 15:59

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641527	1	03/27/21 22:29	03/27/21 22:29	BMB	Mt. Juliet, TN

4 Cn

5 Sr

TB02-032421 L1330593-17 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 00:00

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641527	1	03/27/21 22:50	03/27/21 22:50	BMB	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

MW-43-032421 L1330593-18 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 16:05

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641527	1	03/28/21 03:19	03/28/21 03:19	BMB	Mt. Juliet, TN

9 Sc

MW-43B-032421 L1330593-19 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 16:10

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641527	1	03/28/21 03:40	03/28/21 03:40	BMB	Mt. Juliet, TN

MW-24-032421 L1330593-20 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 16:15

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641527	1	03/28/21 04:02	03/28/21 04:02	BMB	Mt. Juliet, TN

MW-24B-032421 L1330593-21 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 16:20

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641527	1	03/28/21 04:23	03/28/21 04:23	BMB	Mt. Juliet, TN

MW-19-032421 L1330593-22 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 09:45

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1642443	1	03/30/21 04:03	03/30/21 04:03	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1642443	1	03/30/21 04:03	03/30/21 04:03	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641508	1	03/27/21 18:13	03/27/21 18:13	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1641970	1	03/29/21 14:08	03/29/21 14:08	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641527	1	03/28/21 04:44	03/28/21 04:44	BMB	Mt. Juliet, TN

SAMPLE SUMMARY

MW-44B-032421 L1330593-23 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 11:30

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642230	1	03/29/21 15:48	03/29/21 15:48	JHH	Mt. Juliet, TN

1 Cp

2 Tc

MW-23-032421 L1330593-24 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 13:15

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643580	25	04/01/21 00:34	04/01/21 00:34	JHH	Mt. Juliet, TN

3 Ss

4 Cn

5 Sr

MW-56-032421 L1330593-25 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 13:50

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1642444	1	03/30/21 06:06	03/30/21 06:06	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1642444	1	03/30/21 06:06	03/30/21 06:06	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641508	1	03/27/21 18:26	03/27/21 18:26	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641508	5	03/27/21 19:02	03/27/21 19:02	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1641970	1	03/29/21 14:11	03/29/21 14:11	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642230	1	03/29/21 16:09	03/29/21 16:09	JHH	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

9 Sc

MW-57-032421 L1330593-26 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 14:05

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642230	1	03/29/21 16:29	03/29/21 16:29	JHH	Mt. Juliet, TN

MW-60-032421 L1330593-27 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 14:25

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642230	1	03/29/21 16:50	03/29/21 16:50	JHH	Mt. Juliet, TN

MW-21-032421 L1330593-28 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 14:35

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642230	1	03/29/21 17:10	03/29/21 17:10	JHH	Mt. Juliet, TN

MW-45B-032421 L1330593-29 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 14:55

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642230	1	03/29/21 18:01	03/29/21 18:01	JHH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Report Revision History

Level II Report - Version 1: 04/02/21 20:08

Project Narrative

L1330593-22, -25: Nitrate is reporting outside of the 48hr hold time on MW-19-032421 and MW-56-032421 due to a lab error when the samples were received. These samples were separated from the COC and were inadvertently not logged in until after hold time had expired.

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	56.9		1.00	1	03/26/2021 15:33	WG1641197
Toluene	6.15		1.00	1	03/26/2021 15:33	WG1641197
Ethylbenzene	2.97		1.00	1	03/26/2021 15:33	WG1641197
Total Xylenes	22.4		3.00	1	03/26/2021 15:33	WG1641197
Methyl tert-butyl ether	1.48		1.00	1	04/02/2021 05:59	WG1644411
Naphthalene	ND		5.00	1	03/26/2021 15:33	WG1641197
1,2-Dichloroethane	ND		1.00	1	03/26/2021 15:33	WG1641197
(S) Toluene-d8	99.6		80.0-120		03/26/2021 15:33	WG1641197
(S) Toluene-d8	115		80.0-120		04/02/2021 05:59	WG1644411
(S) 4-Bromofluorobenzene	104		77.0-126		03/26/2021 15:33	WG1641197
(S) 4-Bromofluorobenzene	96.9		77.0-126		04/02/2021 05:59	WG1644411
(S) 1,2-Dichloroethane-d4	104		70.0-130		03/26/2021 15:33	WG1641197
(S) 1,2-Dichloroethane-d4	86.8		70.0-130		04/02/2021 05:59	WG1644411

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 15:52	WG1641197
Toluene	ND		1.00	1	03/26/2021 15:52	WG1641197
Ethylbenzene	ND		1.00	1	03/26/2021 15:52	WG1641197
Total Xylenes	ND		3.00	1	03/26/2021 15:52	WG1641197
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 15:52	WG1641197
Naphthalene	ND		5.00	1	03/26/2021 15:52	WG1641197
1,2-Dichloroethane	ND		1.00	1	03/26/2021 15:52	WG1641197
(S) Toluene-d8	98.9		80.0-120		03/26/2021 15:52	WG1641197
(S) 4-Bromofluorobenzene	107		77.0-126		03/26/2021 15:52	WG1641197
(S) 1,2-Dichloroethane-d4	104		70.0-130		03/26/2021 15:52	WG1641197

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	03/30/2021 03:19	WG1642443

Sample Narrative:

L1330593-03 WG1642443: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	<u>T8</u>	20000	1	03/30/2021 03:19	WG1642443

Sample Narrative:

L1330593-03 WG1642443: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

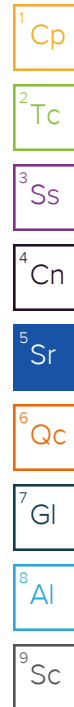
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	6790		100	1	03/26/2021 00:35	WG1640602
Sulfate	39500		5000	1	03/26/2021 00:35	WG1640602

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/29/2021 13:57	WG1641970

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 16:11	WG1641197
Toluene	ND		1.00	1	03/26/2021 16:11	WG1641197
Ethylbenzene	ND		1.00	1	03/26/2021 16:11	WG1641197
Total Xylenes	ND		3.00	1	03/26/2021 16:11	WG1641197
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 16:11	WG1641197
Naphthalene	ND		5.00	1	03/26/2021 16:11	WG1641197
1,2-Dichloroethane	ND		1.00	1	03/26/2021 16:11	WG1641197
(S) Toluene-d8	99.5		80.0-120		03/26/2021 16:11	WG1641197
(S) 4-Bromofluorobenzene	106		77.0-126		03/26/2021 16:11	WG1641197
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/26/2021 16:11	WG1641197



Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	61900		20000	1	03/30/2021 03:30	WG1642443

Sample Narrative:

L1330593-04 WG1642443: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	106000	<u>T8</u>	20000	1	03/30/2021 03:30	WG1642443

Sample Narrative:

L1330593-04 WG1642443: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

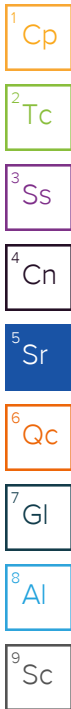
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND		100	1	03/26/2021 00:51	WG1640602
Sulfate	ND		5000	1	03/26/2021 00:51	WG1640602

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	1780		10.0	1	03/29/2021 13:59	WG1641970

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	4730		250	250	03/26/2021 19:21	WG1641197
Toluene	13100		250	250	03/26/2021 19:21	WG1641197
Ethylbenzene	1270		250	250	03/26/2021 19:21	WG1641197
Total Xylenes	11200		750	250	03/26/2021 19:21	WG1641197
Methyl tert-butyl ether	ND		250	250	03/26/2021 19:21	WG1641197
Naphthalene	ND		1250	250	03/26/2021 19:21	WG1641197
1,2-Dichloroethane	ND		250	250	03/26/2021 19:21	WG1641197
(S) Toluene-d8	97.9		80.0-120		03/26/2021 19:21	WG1641197
(S) 4-Bromofluorobenzene	103		77.0-126		03/26/2021 19:21	WG1641197
(S) 1,2-Dichloroethane-d4	105		70.0-130		03/26/2021 19:21	WG1641197



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 16:30	WG1641197
Toluene	ND		1.00	1	03/26/2021 16:30	WG1641197
Ethylbenzene	ND		1.00	1	03/26/2021 16:30	WG1641197
Total Xylenes	ND		3.00	1	03/26/2021 16:30	WG1641197
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 16:30	WG1641197
Naphthalene	ND		5.00	1	03/26/2021 16:30	WG1641197
1,2-Dichloroethane	ND		1.00	1	03/26/2021 16:30	WG1641197
(S) Toluene-d8	97.2		80.0-120		03/26/2021 16:30	WG1641197
(S) 4-Bromofluorobenzene	104		77.0-126		03/26/2021 16:30	WG1641197
(S) 1,2-Dichloroethane-d4	107		70.0-130		03/26/2021 16:30	WG1641197

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 16:49	WG1641197
Toluene	ND		1.00	1	03/26/2021 16:49	WG1641197
Ethylbenzene	ND		1.00	1	03/26/2021 16:49	WG1641197
Total Xylenes	ND		3.00	1	03/26/2021 16:49	WG1641197
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 16:49	WG1641197
Naphthalene	ND		5.00	1	03/26/2021 16:49	WG1641197
1,2-Dichloroethane	ND		1.00	1	03/26/2021 16:49	WG1641197
(S) Toluene-d8	99.7		80.0-120		03/26/2021 16:49	WG1641197
(S) 4-Bromofluorobenzene	107		77.0-126		03/26/2021 16:49	WG1641197
(S) 1,2-Dichloroethane-d4	105		70.0-130		03/26/2021 16:49	WG1641197

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	03/30/2021 03:41	WG1642443

Sample Narrative:

L1330593-07 WG1642443: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	25700	<u>T8</u>	20000	1	03/30/2021 03:41	WG1642443

Sample Narrative:

L1330593-07 WG1642443: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

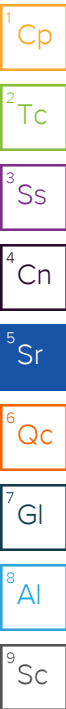
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND		100	1	03/26/2021 02:10	WG1640602
Sulfate	ND		5000	1	03/26/2021 02:10	WG1640602

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/29/2021 14:03	WG1641970

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 17:08	WG1641197
Toluene	ND		1.00	1	03/26/2021 17:08	WG1641197
Ethylbenzene	ND		1.00	1	03/26/2021 17:08	WG1641197
Total Xylenes	ND		3.00	1	03/26/2021 17:08	WG1641197
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 17:08	WG1641197
Naphthalene	ND		5.00	1	03/26/2021 17:08	WG1641197
1,2-Dichloroethane	ND		1.00	1	03/26/2021 17:08	WG1641197
(S) Toluene-d8	98.4		80.0-120		03/26/2021 17:08	WG1641197
(S) 4-Bromofluorobenzene	107		77.0-126		03/26/2021 17:08	WG1641197
(S) 1,2-Dichloroethane-d4	105		70.0-130		03/26/2021 17:08	WG1641197



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1.19		1.00	1	03/26/2021 17:27	WG1641197
Toluene	ND		1.00	1	03/26/2021 17:27	WG1641197
Ethylbenzene	ND		1.00	1	03/26/2021 17:27	WG1641197
Total Xylenes	ND		3.00	1	03/26/2021 17:27	WG1641197
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 17:27	WG1641197
Naphthalene	ND		5.00	1	03/26/2021 17:27	WG1641197
1,2-Dichloroethane	ND		1.00	1	03/26/2021 17:27	WG1641197
(S) Toluene-d8	100		80.0-120		03/26/2021 17:27	WG1641197
(S) 4-Bromofluorobenzene	105		77.0-126		03/26/2021 17:27	WG1641197
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/26/2021 17:27	WG1641197

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 17:46	WG1641197
Toluene	ND		1.00	1	03/26/2021 17:46	WG1641197
Ethylbenzene	ND		1.00	1	03/26/2021 17:46	WG1641197
Total Xylenes	ND		3.00	1	03/26/2021 17:46	WG1641197
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 17:46	WG1641197
Naphthalene	ND		5.00	1	03/26/2021 17:46	WG1641197
1,2-Dichloroethane	ND		1.00	1	03/26/2021 17:46	WG1641197
(S) Toluene-d8	98.9		80.0-120		03/26/2021 17:46	WG1641197
(S) 4-Bromofluorobenzene	105		77.0-126		03/26/2021 17:46	WG1641197
(S) 1,2-Dichloroethane-d4	108		70.0-130		03/26/2021 17:46	WG1641197

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	2500		100	100	03/26/2021 19:40	WG1641197
Toluene	1130		100	100	03/26/2021 19:40	WG1641197
Ethylbenzene	169		100	100	03/26/2021 19:40	WG1641197
Total Xylenes	1480		300	100	03/26/2021 19:40	WG1641197
Methyl tert-butyl ether	ND		100	100	03/26/2021 19:40	WG1641197
Naphthalene	ND		500	100	03/26/2021 19:40	WG1641197
1,2-Dichloroethane	ND		100	100	03/26/2021 19:40	WG1641197
(S) Toluene-d8	102		80.0-120		03/26/2021 19:40	WG1641197
(S) 4-Bromofluorobenzene	105		77.0-126		03/26/2021 19:40	WG1641197
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/26/2021 19:40	WG1641197

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 18:05	WG1641197
Toluene	ND		1.00	1	03/26/2021 18:05	WG1641197
Ethylbenzene	ND		1.00	1	03/26/2021 18:05	WG1641197
Total Xylenes	ND		3.00	1	03/26/2021 18:05	WG1641197
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 18:05	WG1641197
Naphthalene	ND		5.00	1	03/26/2021 18:05	WG1641197
1,2-Dichloroethane	ND		1.00	1	03/26/2021 18:05	WG1641197
(S) Toluene-d8	99.2		80.0-120		03/26/2021 18:05	WG1641197
(S) 4-Bromofluorobenzene	107		77.0-126		03/26/2021 18:05	WG1641197
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/26/2021 18:05	WG1641197

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 18:24	WG1641197
Toluene	ND		1.00	1	03/26/2021 18:24	WG1641197
Ethylbenzene	ND		1.00	1	03/26/2021 18:24	WG1641197
Total Xylenes	ND		3.00	1	03/26/2021 18:24	WG1641197
Methyl tert-butyl ether	57.3		1.00	1	04/02/2021 06:19	WG1644411
Naphthalene	ND		5.00	1	03/26/2021 18:24	WG1641197
1,2-Dichloroethane	ND		1.00	1	03/26/2021 18:24	WG1641197
<i>(S) Toluene-d8</i>	100		80.0-120		03/26/2021 18:24	WG1641197
<i>(S) Toluene-d8</i>	119		80.0-120		04/02/2021 06:19	WG1644411
<i>(S) 4-Bromofluorobenzene</i>	108		77.0-126		03/26/2021 18:24	WG1641197
<i>(S) 4-Bromofluorobenzene</i>	95.3		77.0-126		04/02/2021 06:19	WG1644411
<i>(S) 1,2-Dichloroethane-d4</i>	106		70.0-130		03/26/2021 18:24	WG1641197
<i>(S) 1,2-Dichloroethane-d4</i>	88.6		70.0-130		04/02/2021 06:19	WG1644411

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	18.9		1.00	1	03/26/2021 18:43	WG1641197
Toluene	ND		1.00	1	03/26/2021 18:43	WG1641197
Ethylbenzene	ND		1.00	1	03/26/2021 18:43	WG1641197
Total Xylenes	ND		3.00	1	03/26/2021 18:43	WG1641197
Methyl tert-butyl ether	50.7		1.00	1	04/02/2021 06:39	WG1644411
Naphthalene	ND		5.00	1	03/26/2021 18:43	WG1641197
1,2-Dichloroethane	ND		1.00	1	03/26/2021 18:43	WG1641197
(S) Toluene-d8	97.8		80.0-120		03/26/2021 18:43	WG1641197
(S) Toluene-d8	110		80.0-120		04/02/2021 06:39	WG1644411
(S) 4-Bromofluorobenzene	106		77.0-126		03/26/2021 18:43	WG1641197
(S) 4-Bromofluorobenzene	95.9		77.0-126		04/02/2021 06:39	WG1644411
(S) 1,2-Dichloroethane-d4	105		70.0-130		03/26/2021 18:43	WG1641197
(S) 1,2-Dichloroethane-d4	86.7		70.0-130		04/02/2021 06:39	WG1644411

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 19:02	WG1641197
Toluene	ND		1.00	1	03/26/2021 19:02	WG1641197
Ethylbenzene	ND		1.00	1	03/26/2021 19:02	WG1641197
Total Xylenes	ND		3.00	1	03/26/2021 19:02	WG1641197
Methyl tert-butyl ether	8.64		1.00	1	04/02/2021 07:00	WG1644411
Naphthalene	ND		5.00	1	03/26/2021 19:02	WG1641197
1,2-Dichloroethane	ND		1.00	1	03/26/2021 19:02	WG1641197
(S) Toluene-d8	100		80.0-120		03/26/2021 19:02	WG1641197
(S) Toluene-d8	116		80.0-120		04/02/2021 07:00	WG1644411
(S) 4-Bromofluorobenzene	105		77.0-126		03/26/2021 19:02	WG1641197
(S) 4-Bromofluorobenzene	97.8		77.0-126		04/02/2021 07:00	WG1644411
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/26/2021 19:02	WG1641197
(S) 1,2-Dichloroethane-d4	90.0		70.0-130		04/02/2021 07:00	WG1644411

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	03/30/2021 03:51	WG1642443

Sample Narrative:

L1330593-15 WG1642443: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	<u>T8</u>	20000	1	03/30/2021 03:51	WG1642443

Sample Narrative:

L1330593-15 WG1642443: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

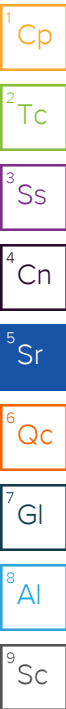
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND		100	1	03/26/2021 01:07	WG1640602
Sulfate	ND		5000	1	03/26/2021 01:07	WG1640602

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/29/2021 14:05	WG1641970

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/28/2021 02:58	WG1641527
Toluene	ND		1.00	1	03/28/2021 02:58	WG1641527
Ethylbenzene	ND		1.00	1	03/28/2021 02:58	WG1641527
Total Xylenes	ND		3.00	1	03/28/2021 02:58	WG1641527
Methyl tert-butyl ether	8.88		1.00	1	03/28/2021 02:58	WG1641527
Naphthalene	ND		5.00	1	03/28/2021 02:58	WG1641527
1,2-Dichloroethane	ND		1.00	1	03/28/2021 02:58	WG1641527
(S) Toluene-d8	111		80.0-120		03/28/2021 02:58	WG1641527
(S) 4-Bromofluorobenzene	103		77.0-126		03/28/2021 02:58	WG1641527
(S) 1,2-Dichloroethane-d4	101		70.0-130		03/28/2021 02:58	WG1641527



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/27/2021 22:29	WG1641527
Toluene	ND		1.00	1	03/27/2021 22:29	WG1641527
Ethylbenzene	ND		1.00	1	03/27/2021 22:29	WG1641527
Total Xylenes	ND		3.00	1	03/27/2021 22:29	WG1641527
Methyl tert-butyl ether	ND		1.00	1	03/27/2021 22:29	WG1641527
Naphthalene	ND		5.00	1	03/27/2021 22:29	WG1641527
1,2-Dichloroethane	ND		1.00	1	03/27/2021 22:29	WG1641527
(S) Toluene-d8	112		80.0-120		03/27/2021 22:29	WG1641527
(S) 4-Bromofluorobenzene	99.4		77.0-126		03/27/2021 22:29	WG1641527
(S) 1,2-Dichloroethane-d4	98.5		70.0-130		03/27/2021 22:29	WG1641527

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/27/2021 22:50	WG1641527
Toluene	ND		1.00	1	03/27/2021 22:50	WG1641527
Ethylbenzene	ND		1.00	1	03/27/2021 22:50	WG1641527
Total Xylenes	ND		3.00	1	03/27/2021 22:50	WG1641527
Methyl tert-butyl ether	ND		1.00	1	03/27/2021 22:50	WG1641527
Naphthalene	ND		5.00	1	03/27/2021 22:50	WG1641527
1,2-Dichloroethane	ND		1.00	1	03/27/2021 22:50	WG1641527
(S) Toluene-d8	111		80.0-120		03/27/2021 22:50	WG1641527
(S) 4-Bromofluorobenzene	96.4		77.0-126		03/27/2021 22:50	WG1641527
(S) 1,2-Dichloroethane-d4	95.4		70.0-130		03/27/2021 22:50	WG1641527

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/28/2021 03:19	WG1641527
Toluene	ND		1.00	1	03/28/2021 03:19	WG1641527
Ethylbenzene	ND		1.00	1	03/28/2021 03:19	WG1641527
Total Xylenes	ND		3.00	1	03/28/2021 03:19	WG1641527
Methyl tert-butyl ether	ND		1.00	1	03/28/2021 03:19	WG1641527
Naphthalene	ND		5.00	1	03/28/2021 03:19	WG1641527
1,2-Dichloroethane	ND		1.00	1	03/28/2021 03:19	WG1641527
(S) Toluene-d8	112		80.0-120		03/28/2021 03:19	WG1641527
(S) 4-Bromofluorobenzene	104		77.0-126		03/28/2021 03:19	WG1641527
(S) 1,2-Dichloroethane-d4	95.7		70.0-130		03/28/2021 03:19	WG1641527

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/28/2021 03:40	WG1641527
Toluene	ND		1.00	1	03/28/2021 03:40	WG1641527
Ethylbenzene	ND		1.00	1	03/28/2021 03:40	WG1641527
Total Xylenes	ND		3.00	1	03/28/2021 03:40	WG1641527
Methyl tert-butyl ether	ND		1.00	1	03/28/2021 03:40	WG1641527
Naphthalene	ND		5.00	1	03/28/2021 03:40	WG1641527
1,2-Dichloroethane	ND		1.00	1	03/28/2021 03:40	WG1641527
(S) Toluene-d8	108		80.0-120		03/28/2021 03:40	WG1641527
(S) 4-Bromofluorobenzene	101		77.0-126		03/28/2021 03:40	WG1641527
(S) 1,2-Dichloroethane-d4	95.1		70.0-130		03/28/2021 03:40	WG1641527

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/28/2021 04:02	WG1641527
Toluene	ND		1.00	1	03/28/2021 04:02	WG1641527
Ethylbenzene	ND		1.00	1	03/28/2021 04:02	WG1641527
Total Xylenes	ND		3.00	1	03/28/2021 04:02	WG1641527
Methyl tert-butyl ether	ND		1.00	1	03/28/2021 04:02	WG1641527
Naphthalene	ND		5.00	1	03/28/2021 04:02	WG1641527
1,2-Dichloroethane	ND		1.00	1	03/28/2021 04:02	WG1641527
(S) Toluene-d8	112		80.0-120		03/28/2021 04:02	WG1641527
(S) 4-Bromofluorobenzene	104		77.0-126		03/28/2021 04:02	WG1641527
(S) 1,2-Dichloroethane-d4	101		70.0-130		03/28/2021 04:02	WG1641527

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/28/2021 04:23	WG1641527
Toluene	ND		1.00	1	03/28/2021 04:23	WG1641527
Ethylbenzene	ND		1.00	1	03/28/2021 04:23	WG1641527
Total Xylenes	ND		3.00	1	03/28/2021 04:23	WG1641527
Methyl tert-butyl ether	ND		1.00	1	03/28/2021 04:23	WG1641527
Naphthalene	ND		5.00	1	03/28/2021 04:23	WG1641527
1,2-Dichloroethane	ND		1.00	1	03/28/2021 04:23	WG1641527
(S) Toluene-d8	114		80.0-120		03/28/2021 04:23	WG1641527
(S) 4-Bromofluorobenzene	102		77.0-126		03/28/2021 04:23	WG1641527
(S) 1,2-Dichloroethane-d4	101		70.0-130		03/28/2021 04:23	WG1641527

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	03/30/2021 04:03	WG1642443

Sample Narrative:

L1330593-22 WG1642443: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	<u>T8</u>	20000	1	03/30/2021 04:03	WG1642443

Sample Narrative:

L1330593-22 WG1642443: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

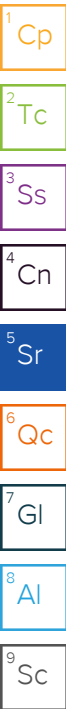
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	165	<u>T8</u>	100	1	03/27/2021 18:13	WG1641508
Sulfate	5850		5000	1	03/27/2021 18:13	WG1641508

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	41.6		10.0	1	03/29/2021 14:08	WG1641970

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/28/2021 04:44	WG1641527
Toluene	2.56		1.00	1	03/28/2021 04:44	WG1641527
Ethylbenzene	ND		1.00	1	03/28/2021 04:44	WG1641527
Total Xylenes	22.7		3.00	1	03/28/2021 04:44	WG1641527
Methyl tert-butyl ether	ND		1.00	1	03/28/2021 04:44	WG1641527
Naphthalene	14.1		5.00	1	03/28/2021 04:44	WG1641527
1,2-Dichloroethane	ND		1.00	1	03/28/2021 04:44	WG1641527
(S) Toluene-d8	112		80.0-120		03/28/2021 04:44	WG1641527
(S) 4-Bromofluorobenzene	99.9		77.0-126		03/28/2021 04:44	WG1641527
(S) 1,2-Dichloroethane-d4	91.3		70.0-130		03/28/2021 04:44	WG1641527



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 15:48	WG1642230
Toluene	ND		1.00	1	03/29/2021 15:48	WG1642230
Ethylbenzene	ND		1.00	1	03/29/2021 15:48	WG1642230
Total Xylenes	ND		3.00	1	03/29/2021 15:48	WG1642230
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 15:48	WG1642230
Naphthalene	ND		5.00	1	03/29/2021 15:48	WG1642230
1,2-Dichloroethane	ND	C3	1.00	1	03/29/2021 15:48	WG1642230
(S) Toluene-d8	117		80.0-120		03/29/2021 15:48	WG1642230
(S) 4-Bromofluorobenzene	95.8		77.0-126		03/29/2021 15:48	WG1642230
(S) 1,2-Dichloroethane-d4	87.4		70.0-130		03/29/2021 15:48	WG1642230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	2140		25.0	25	04/01/2021 00:34	WG1643580
Toluene	945		25.0	25	04/01/2021 00:34	WG1643580
Ethylbenzene	153		25.0	25	04/01/2021 00:34	WG1643580
Total Xylenes	1380		75.0	25	04/01/2021 00:34	WG1643580
Methyl tert-butyl ether	43.0		25.0	25	04/01/2021 00:34	WG1643580
Naphthalene	ND		125	25	04/01/2021 00:34	WG1643580
1,2-Dichloroethane	ND		25.0	25	04/01/2021 00:34	WG1643580
(S) Toluene-d8	100		80.0-120		04/01/2021 00:34	WG1643580
(S) 4-Bromofluorobenzene	101		77.0-126		04/01/2021 00:34	WG1643580
(S) 1,2-Dichloroethane-d4	106		70.0-130		04/01/2021 00:34	WG1643580

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	03/30/2021 06:06	WG1642444

Sample Narrative:

L1330593-25 WG1642444: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	45300	<u>T8</u>	20000	1	03/30/2021 06:06	WG1642444

Sample Narrative:

L1330593-25 WG1642444: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

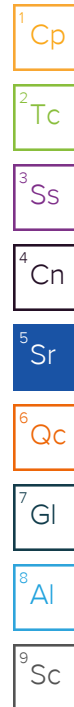
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND	<u>T8</u>	100	1	03/27/2021 18:26	WG1641508
Sulfate	252000		25000	5	03/27/2021 19:02	WG1641508

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/29/2021 14:11	WG1641970

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 16:09	WG1642230
Toluene	ND		1.00	1	03/29/2021 16:09	WG1642230
Ethylbenzene	ND		1.00	1	03/29/2021 16:09	WG1642230
Total Xylenes	ND		3.00	1	03/29/2021 16:09	WG1642230
Methyl tert-butyl ether	70.0		1.00	1	03/29/2021 16:09	WG1642230
Naphthalene	ND		5.00	1	03/29/2021 16:09	WG1642230
1,2-Dichloroethane	ND	<u>C3</u>	1.00	1	03/29/2021 16:09	WG1642230
(S) Toluene-d8	102		80.0-120		03/29/2021 16:09	WG1642230
(S) 4-Bromofluorobenzene	98.6		77.0-126		03/29/2021 16:09	WG1642230
(S) 1,2-Dichloroethane-d4	89.6		70.0-130		03/29/2021 16:09	WG1642230



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	17.2		1.00	1	03/29/2021 16:29	WG1642230
Toluene	ND		1.00	1	03/29/2021 16:29	WG1642230
Ethylbenzene	ND		1.00	1	03/29/2021 16:29	WG1642230
Total Xylenes	ND		3.00	1	03/29/2021 16:29	WG1642230
Methyl tert-butyl ether	56.2		1.00	1	03/29/2021 16:29	WG1642230
Naphthalene	ND		5.00	1	03/29/2021 16:29	WG1642230
1,2-Dichloroethane	ND	C3	1.00	1	03/29/2021 16:29	WG1642230
(S) Toluene-d8	111		80.0-120		03/29/2021 16:29	WG1642230
(S) 4-Bromofluorobenzene	97.9		77.0-126		03/29/2021 16:29	WG1642230
(S) 1,2-Dichloroethane-d4	86.9		70.0-130		03/29/2021 16:29	WG1642230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 16:50	WG1642230
Toluene	ND		1.00	1	03/29/2021 16:50	WG1642230
Ethylbenzene	ND		1.00	1	03/29/2021 16:50	WG1642230
Total Xylenes	ND		3.00	1	03/29/2021 16:50	WG1642230
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 16:50	WG1642230
Naphthalene	ND		5.00	1	03/29/2021 16:50	WG1642230
1,2-Dichloroethane	ND	C3	1.00	1	03/29/2021 16:50	WG1642230
<i>(S) Toluene-d8</i>	114		80.0-120		03/29/2021 16:50	WG1642230
<i>(S) 4-Bromofluorobenzene</i>	97.3		77.0-126		03/29/2021 16:50	WG1642230
<i>(S) 1,2-Dichloroethane-d4</i>	87.0		70.0-130		03/29/2021 16:50	WG1642230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 17:10	WG1642230
Toluene	ND		1.00	1	03/29/2021 17:10	WG1642230
Ethylbenzene	ND		1.00	1	03/29/2021 17:10	WG1642230
Total Xylenes	ND		3.00	1	03/29/2021 17:10	WG1642230
Methyl tert-butyl ether	2.15		1.00	1	03/29/2021 17:10	WG1642230
Naphthalene	ND		5.00	1	03/29/2021 17:10	WG1642230
1,2-Dichloroethane	ND	C3	1.00	1	03/29/2021 17:10	WG1642230
(S) Toluene-d8	117		80.0-120		03/29/2021 17:10	WG1642230
(S) 4-Bromofluorobenzene	97.2		77.0-126		03/29/2021 17:10	WG1642230
(S) 1,2-Dichloroethane-d4	88.5		70.0-130		03/29/2021 17:10	WG1642230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 18:01	WG1642230
Toluene	ND		1.00	1	03/29/2021 18:01	WG1642230
Ethylbenzene	ND		1.00	1	03/29/2021 18:01	WG1642230
Total Xylenes	ND		3.00	1	03/29/2021 18:01	WG1642230
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 18:01	WG1642230
Naphthalene	ND		5.00	1	03/29/2021 18:01	WG1642230
1,2-Dichloroethane	ND	C3	1.00	1	03/29/2021 18:01	WG1642230
(S) Toluene-d8	121	J1	80.0-120		03/29/2021 18:01	WG1642230
(S) 4-Bromofluorobenzene	100		77.0-126		03/29/2021 18:01	WG1642230
(S) 1,2-Dichloroethane-d4	89.1		70.0-130		03/29/2021 18:01	WG1642230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3636085-1 03/30/21 01:10

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Alkalinity	U		8450	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1330533-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1330533-05 03/30/21 01:23 • (DUP) R3636085-3 03/30/21 01:33

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Alkalinity	124000	125000	1	0.760		20

Sample Narrative:

OS: Endpoint pH 4.5
DUP: Endpoint pH 4.5

L1330535-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1330535-09 03/30/21 03:01 • (DUP) R3636085-6 03/30/21 03:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Alkalinity	102000	102000	1	0.0559		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace
DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R3636085-5 03/30/21 02:51

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Alkalinity	100000	99800	99.8	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3636426-1 03/30/21 05:45

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Alkalinity	U		8450	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1330678-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1330678-01 03/30/21 07:04 • (DUP) R3636426-3 03/30/21 07:22

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Alkalinity	77400	77300	1	0.0794		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1330678-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1330678-09 03/30/21 08:59 • (DUP) R3636426-6 03/30/21 09:08

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Alkalinity	375000	374000	1	0.215		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R3636426-5 03/30/21 07:41

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Alkalinity	100000	99300	99.3	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5



Method Blank (MB)

(MB) R3636085-2 03/30/21 01:10

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Free Carbon Dioxide	U		6670	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1330533-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1330533-05 03/30/21 01:23 • (DUP) R3636085-4 03/30/21 01:33

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Free Carbon Dioxide	ND	ND	1	0.000		20

Sample Narrative:

OS: Endpoint pH 4.5

DUP: Endpoint pH 4.5

L1330535-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1330535-09 03/30/21 03:01 • (DUP) R3636085-7 03/30/21 03:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Free Carbon Dioxide	ND	ND	1	0.000		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3636426-2 03/30/21 05:45

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Free Carbon Dioxide	U		6670	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1330678-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1330678-01 03/30/21 07:04 • (DUP) R3636426-4 03/30/21 07:22

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Free Carbon Dioxide	ND	ND	1	0.000		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1330678-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1330678-09 03/30/21 08:59 • (DUP) R3636426-7 03/30/21 09:08

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Free Carbon Dioxide	ND	ND	1	0.000		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3635069-1 03/25/21 22:59

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Nitrate	U		48.0	100
Sulfate	U		594	5000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1330593-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1330593-15 03/26/21 01:07 • (DUP) R3635069-3 03/26/21 01:23

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Nitrate	ND	ND	1	0.000		15
Sulfate	ND	ND	1	3.91		15

L1330178-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1330178-01 03/26/21 00:03 • (DUP) R3635069-4 03/26/21 12:32

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Nitrate	2490	2510	1	0.951		15
Sulfate	42800	43000	1	0.363		15

Laboratory Control Sample (LCS)

(LCS) R3635069-2 03/25/21 23:15

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Nitrate	8000	7920	99.0	80.0-120	
Sulfate	40000	39900	99.8	80.0-120	

L1330178-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1330178-06 03/26/21 10:40 • (MS) R3635069-5 03/26/21 13:51 • (MSD) R3635069-6 03/26/21 14:07

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Nitrate	5000	4190	9330	9440	103	105	1	80.0-120			1.17	15
Sulfate	50000	25600	74800	76000	98.5	101	1	80.0-120			1.57	15

L1330650-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1330650-06 03/26/21 11:12 • (MS) R3635069-7 03/26/21 15:43

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Nitrate	5000	ND	4900	96.5	1	80.0-120	
Sulfate	50000	20100	70200	100	1	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3635572-1 03/27/21 10:46

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Nitrate	U		48.0	100
Sulfate	U		594	5000

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1331500-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1331500-08 03/27/21 16:12 • (DUP) R3635572-3 03/27/21 16:25

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Nitrate	ND	ND	1	0.000		15
Sulfate	ND	ND	1	0.000		15

L1331529-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1331529-07 03/27/21 21:06 • (DUP) R3635572-9 03/28/21 10:44

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Nitrate	ND	ND	1	0.000		15
Sulfate	74700	74800	1	0.211		15

Laboratory Control Sample (LCS)

(LCS) R3635572-2 03/27/21 10:59

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Nitrate	8000	7900	98.7	80.0-120	
Sulfate	40000	39100	97.8	80.0-120	

L1331500-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1331500-11 03/27/21 16:52 • (MS) R3635572-4 03/27/21 17:05 • (MSD) R3635572-5 03/27/21 17:18

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Nitrate	5000	ND	4690	4910	93.9	98.2	1	80.0-120			4.48	15
Sulfate	50000	ND	48400	50500	96.8	101	1	80.0-120			4.22	15

L1331529-07 Original Sample (OS) • Matrix Spike (MS)

(OS) L1331529-07 03/27/21 21:06 • (MS) R3635572-8 03/27/21 22:34

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Nitrate	5000	ND	4860	97.3	1	80.0-120	
Sulfate	50000	74700	123000	96.1	1	80.0-120	E

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3635904-1 03/29/21 13:50

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Methane	U		2.91	10.0

1 Cp

2 Tc

3 Ss

L1330593-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1330593-07 03/29/21 14:03 • (DUP) R3635904-3 03/29/21 14:36

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Methane	ND	ND	1	0.000		20

4 Cn

5 Sr

L1331514-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1331514-01 03/29/21 14:16 • (DUP) R3635904-4 03/29/21 14:42

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Methane	137	151	1	9.72		20

6 Qc

7 Gl

8 Al

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3635904-2 03/29/21 13:42 • (LCSD) R3635904-5 03/29/21 15:44

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Methane	67.8	65.5	70.4	96.6	104	85.0-115			7.21	20

9 Sc

Method Blank (MB)

(MB) R3637246-2 03/26/21 10:10

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	98.3			80.0-120
(S) 4-Bromofluorobenzene	104			77.0-126
(S) 1,2-Dichloroethane-d4	107			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3637246-1 03/26/21 09:32

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	5.32	106	70.0-130	
1,2-Dichloroethane	5.00	5.44	109	70.0-130	
Ethylbenzene	5.00	4.94	98.8	70.0-130	
Methyl tert-butyl ether	5.00	6.35	127	70.0-130	
Naphthalene	5.00	3.67	73.4	70.0-130	
Toluene	5.00	4.87	97.4	70.0-130	
Xylenes, Total	15.0	14.3	95.3	70.0-130	
(S) Toluene-d8			98.8	80.0-120	
(S) 4-Bromofluorobenzene			105	77.0-126	
(S) 1,2-Dichloroethane-d4			105	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3636726-2 03/27/21 21:48

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	110			80.0-120
(S) 4-Bromofluorobenzene	103			77.0-126
(S) 1,2-Dichloroethane-d4	97.9			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3636726-1 03/27/21 21:07

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	5.48	110	70.0-130	
1,2-Dichloroethane	5.00	5.03	101	70.0-130	
Ethylbenzene	5.00	5.85	117	70.0-130	
Methyl tert-butyl ether	5.00	4.79	95.8	70.0-130	
Naphthalene	5.00	4.99	99.8	70.0-130	
Toluene	5.00	5.87	117	70.0-130	
Xylenes, Total	15.0	16.1	107	70.0-130	
(S) Toluene-d8			108	80.0-120	
(S) 4-Bromofluorobenzene			100	77.0-126	
(S) 1,2-Dichloroethane-d4			106	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

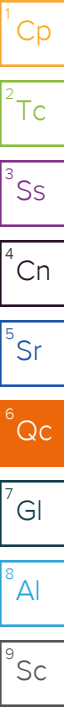
(MB) R3636258-2 03/29/21 10:58

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	120			80.0-120
(S) 4-Bromofluorobenzene	99.6			77.0-126
(S) 1,2-Dichloroethane-d4	88.7			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3636258-1 03/29/21 10:17

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	4.14	82.8	70.0-130	
1,2-Dichloroethane	5.00	3.76	75.2	70.0-130	
Ethylbenzene	5.00	5.17	103	70.0-130	
Methyl tert-butyl ether	5.00	4.23	84.6	70.0-130	
Naphthalene	5.00	5.35	107	70.0-130	
Toluene	5.00	5.35	107	70.0-130	
Xylenes, Total	15.0	15.4	103	70.0-130	
(S) Toluene-d8			118	80.0-120	
(S) 4-Bromofluorobenzene			101	77.0-126	
(S) 1,2-Dichloroethane-d4			91.2	70.0-130	



Method Blank (MB)

(MB) R3636983-2 03/31/21 20:17

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	97.8			80.0-120
(S) 4-Bromofluorobenzene	101			77.0-126
(S) 1,2-Dichloroethane-d4	114			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3636983-1 03/31/21 19:37

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	4.84	96.8	70.0-130	
1,2-Dichloroethane	5.00	5.43	109	70.0-130	
Ethylbenzene	5.00	4.91	98.2	70.0-130	
Methyl tert-butyl ether	5.00	5.18	104	70.0-130	
Naphthalene	5.00	5.04	101	70.0-130	
Toluene	5.00	4.51	90.2	70.0-130	
Xylenes, Total	15.0	14.4	96.0	70.0-130	
(S) Toluene-d8			96.9	80.0-120	
(S) 4-Bromofluorobenzene			103	77.0-126	
(S) 1,2-Dichloroethane-d4			118	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3637593-2 04/01/21 23:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methyl tert-butyl ether	U		0.101	1.00
(S) Toluene-d8	120			80.0-120
(S) 4-Bromofluorobenzene	97.9			77.0-126
(S) 1,2-Dichloroethane-d4	86.9			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3637593-1 04/01/21 21:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Methyl tert-butyl ether	5.00	4.65	93.0	70.0-130	
(S) Toluene-d8			119	80.0-120	
(S) 4-Bromofluorobenzene			100	77.0-126	
(S) 1,2-Dichloroethane-d4			89.0	70.0-130	

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

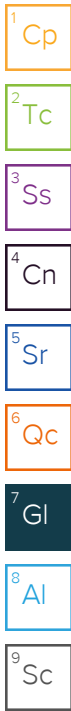
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
T8	Sample(s) received past/too close to holding time expiration.



ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Company Name/Address:

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Report to:
Bethany Garvey

Project Description:
Lewis Drive Groundwater

City/State
Collected: **BELTON, SC**

Please Circle:
PT MT CT ET

Phone: **404-751-5651**

Client Project #
KMLDOM21
B. CS. GEN. LIDOWR. GW

Lab Project #
KINCH2MGA-LEWIS12

Collected by (print):
MELISSA WARREN

Site/Facility ID #
LEWIS DRIVE

P.O. #

Collected by (signature):
Melissa Warren

Rush? (Lab MUST Be Notified)

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

Quote #

Date Results Needed

Immediately
Packed on Ice N Y **X**

No. of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
MW-17-032421	GRAB	GW	NA	03/24/21	1535	3
MW-29-032421		GW			0930	3
MW-19-032421		GW			0945	7
MW-22-032421		GW			1000	7
MW-20-032421		GW			1020	7
MW-26-032421		GW			1040	3
MW-26B-032421		GW			1050	3
MW-01-032421		GW			1100	7
MW-01B-032421		GW			1115	3
MW-44-032421		GW			1125	3

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: V8260BTEXMNSC = BTEX, Naphthalene, MTBE, 12-DCA

pH _____ Temp _____
Flow _____ Other _____

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Samples returned via:
UPS FedEx Courier

Tracking #

9517 5768 9380

Relinquished by: (Signature)

Date:

03/24/21

Time:

1800

Received by: (Signature)

Trip Blank Received: Yes / No
HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp Bottles Received: **77**
1.7+24.9

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)
Alan Cole

Date: **3/25/21** Time: **9am**

If preservation required by Login: Date/Time

Hold: Condition:
NCF / OK

Billing Information:

Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Pres
Chk

Analysis / Container / Preservative

Analysis / Container / Preservative	Pres Chk
NITRATE, SULFATE 125mlHDPE-NoPres	X
ALK, CO2 125mlHDPE-NoPres	X
Methane - RSK175 40mlAmb HCl	X
Methane - RSK175 40mlAmb-HCl	X
V8260BTEXMNSC 40mlAmb-HCl	X
V8260BTEXMNSC-TB 40mlAmb-HCl-BIK	X

Chain of Custody Page 1 of 3



12065 Lebanon Road Mt Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG # **1330593**
H226

Acctnum: **KINCH2MGA**

Template: **T183699**

Prelogin: **P834727**

PM: **526 - Chris McCord**

PB: **3-16-2021 gm**

Shipped Via: **FedEx Ground**

Remarks Sample # (lab only)

	-01
	-02
	-03
	-04
	-05
	-06
	-07
	-08
	-09

Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Email To:
bethany.garvey@jacobs.com;tom.wiley@jacobs

Report to:
Bethany Garvey

City/State Collected: **BELTON, SC** Please Circle: PT MT CT ET

Project Description:
Lewis Drive Groundwater

Client Project #
KMLDOM 21

Phone: **404-751-5651**

Lab Project #
KINCH2MGA-LEWIS12

Collected by (print):
MELISSA WARREN

Site/Facility ID #
LEWIS DRIVE

Collected by (signature):
Melissa Warren

Rush? (Lab MUST Be Notified)
Same Day ___ Five Day ___
Next Day ___ 5 Day (Rad Only) ___
Two Day ___ 10 Day (Rad Only) ___
Three Day ___

Quote #

Immediately Packed on Ice N ___ Y

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	**NITRATE, SULFATE** 125mlHDPE-NoPres	ALK, CO2 125mlHDPE-NoPres	Methane - RSK175 40mlAmb HCl	Methane - RSK175 40mlAmb-HCl	V8260BTEXMNSC 40mlAmb-HCl - 6vL	V8260BTEXMNSC- 40mlAmb-HCl
MW-44B-032421	GRAB	GW	NA	03/24/21	1130	3						X
MW-23-032421		GW			1315	3						X
MW-23-D-032421		GW			1320	3						X
MW-23B-032421		GW			1330	3						X
MW-46-032421		GW			1340	3						X
MW-56-032421		GW			1350	7	X	X	X	X	X	X
MW-57-032421		GW			1405	3						X
MW-57-D-032421		GW			1410	3						X
MW-60-032421		GW			1425	3						X
MW-21-032421		GW			1435	3						X

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: V8260BTEXMNSC = BTEX, Naphthalene, MTBE, 12-DCA
pH ___ Temp ___
Flow ___ Other ___

Samples returned via: ___ UPS ___ FedEx ___ Courier ___ Tracking # **9517 5768 9380**

Sample Receipt Checklist
COC Seal Present/Intact: ___ NP ___ N
COC Signed/Accurate: ___ Y ___ N
Bottles arrive intact: ___ Y ___ N
Correct bottles used: ___ Y ___ N
Sufficient volume sent: ___ Y ___ N
If Applicable
VOA Zero Headspace: ___ Y ___ N
Preservation Correct/Checked: ___ Y ___ N
RAD Screen <0.5 mR/hr: ___ Y ___ N

Relinquished by: (Signature) *Melissa Warren*

Date: **03/24/21** Time: **1800**

Received by: (Signature)

Trip Blank Received: Yes / No
HCL / MeOH
TBR

Relinquished by: (Signature)

Date: Time:

Received by: (Signature)

Temp: **17.2°C** Bottles Received: **77**

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: Time:

Received for lab by: (Signature) *Fla Edu*

Date: **3/25/21** Time: **9am**

Hold: Condition: **NCF / OK**



12065 Lebanon Road Mt Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG # **1330593**

Table #

Acctnum: **KINCH2MGA**

Template: **T183699**

Prelogin: **P834727**

PM: **526 - Chris McCord**

PB: **3-16-2021 gm**

Shipped Via: **FedEX Ground**

Remarks Sample # (lab only)

-10
-11
-12

NOT A TRIP BLANK

-13

Company Name/Address:
Kinder Morgan- Atlanta, GA
 Ten 10th Street NW
 Suite 1400
 Atlanta, GA 30309

Billing Information:
 Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005

Report to:
Bethany Garvey

Email To:
 bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
Lewis Drive Groundwater

City/State
 Collected: **BELTON, SC**

Please Circle:
 PT MT CT ET

Phone: **404-751-5651**

Client Project #
KMLDOM21

Lab Project #
KINCH2MGA-LEWIS12

Collected by (print):
MEUSSA WARREN

Site/Facility ID #
LEWIS DRIVE

P.O. #

Collected by (signature):
Meussa Warren

Rush? (Lab MUST Be Notified)
 Same Day ___ Five Day ___
 Next Day ___ 5 Day (Rad Only) ___
 Two Day ___ 10 Day (Rad Only) ___
 Three Day ___

Quote #

Immediately Packed on Ice N ___ Y X

Date Results Needed

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
MW-45-032421	GRAB	GW	NA	03/24/21	1445	3
MW-45B-032421	GRAB	GW	NA	03/24/21	1455	3
MW-40-032421		GW			1530	7
FBO1-032421		GW			1559	3
TB02-032421		GW			-	1
MW-43-032421		GW			1605	3
MW-43B-032421		GW			1610	3
MW-24-032421		GW			1615	3
MW-24B-032421		GW			1620	3
		GW				

Pres Chk	Analysis / Container / Preservative					
	NITRATE,SULFATE 125mlHDPE-NoPres	ALK,CO2 125mlHDPE-NoPres	Methane - RSK175 40mlAmb HCl	Methane - RSK175 40mlAmb-HCl	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Bik
<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>

Chain of Custody Page **3** of **3**

Pace Analytical
 National Center for Testing & Innovation

12065 Lebanon Road Mt Juliet, TN 37122
 Phone: 615-758-5858 Alt: 800-767-5859
 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG # **1330593**

Table #

Acctnum: **KINCH2MGA**

Template: **T183699**

Prelogin: **P834727**

PM: **526 - Chris McCord**

PB: **3-16-2021 gm**

Shipped Via: **FedEx Ground**

Remarks | Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: **V8260BTEXMNSC = BTEX, Naphthalene, MTBE, 12-DCA**

pH ___ Temp ___
 Flow ___ Other ___

Samples returned via:
 ___ UPS ___ FedEx ___ Courier

Tracking # **9517 5768 9380**

Sample Receipt Checklist

COC Seal Present/Intact:	<u>NP</u>	<u>Y</u>	<u>N</u>
COC Signed/Accurate:	<u>NP</u>	<u>Y</u>	<u>N</u>
Bottles arrive intact:	<u>NP</u>	<u>Y</u>	<u>N</u>
Correct bottles used:	<u>NP</u>	<u>Y</u>	<u>N</u>
Sufficient volume sent:	<u>NP</u>	<u>Y</u>	<u>N</u>
If Applicable			
VOA Zero Headspace:	<u>NP</u>	<u>Y</u>	<u>N</u>
Preservation Correct/Checked:	<u>NP</u>	<u>Y</u>	<u>N</u>
RAD Screen <0.5 mR/hr:	<u>NP</u>	<u>Y</u>	<u>N</u>

Relinquished by: (Signature)
Meussa Warren

Date: **03/24/21**

Time: **1800**

Received by: (Signature)

Date: **3/25/21**

Time: **9am**

Trip Blank Received: Yes/No
 HCL/MeOH
 TBR

Bottles Received: **77**

Temp: **22°C**
1.7+2=1.9

If preservation required by Login: Date/Time

Hold:

Condition: **NCF / OK**

Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1331082
Samples Received: 03/26/2021
Project Number: KMLDOM21
Description: Lewis Drive Groundwater
Site: LEWIS DRIVE
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:



Chris McCord
Project Manager

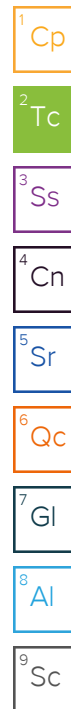
Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SAMPLE SUMMARY

MW-17B-032521 L1331082-01 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 09:05

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642230	100	03/29/21 19:43	03/29/21 19:43	JHH	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

MW-15-032521 L1331082-02 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 09:25

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1643170	1	03/31/21 16:13	03/31/21 16:13	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1643170	1	03/31/21 16:13	03/31/21 16:13	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641129	1	03/26/21 16:50	03/26/21 16:50	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1642547	1	03/30/21 13:39	03/30/21 13:39	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642230	1	03/29/21 19:02	03/29/21 19:02	JHH	Mt. Juliet, TN

4 Cn

5 Sr

6 Qc

MW-15B-032521 L1331082-03 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 09:30

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643580	50	04/01/21 00:55	04/01/21 00:55	JHH	Mt. Juliet, TN

7 Gl

8 Al

9 Sc

MW-15B-D-032521 L1331082-04 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 09:35

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643580	50	04/01/21 01:15	04/01/21 01:15	JHH	Mt. Juliet, TN

MW-39-032521 L1331082-05 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 09:40

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643580	5	04/01/21 00:14	04/01/21 00:14	JHH	Mt. Juliet, TN

MW-12-032521 L1331082-06 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 09:45

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1643170	1	03/31/21 16:22	03/31/21 16:22	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1643170	1	03/31/21 16:22	03/31/21 16:22	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641129	1	03/26/21 17:29	03/26/21 17:29	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1642547	1	03/30/21 13:42	03/30/21 13:42	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 14:57	03/29/21 14:57	BMB	Mt. Juliet, TN

MW-12B-032521 L1331082-07 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 09:50

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 15:25	03/29/21 15:25	BMB	Mt. Juliet, TN

SAMPLE SUMMARY

MW-25-032521 L1331082-08 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 10:00

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1643170	1	03/31/21 16:33	03/31/21 16:33	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1643170	1	03/31/21 16:33	03/31/21 16:33	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641129	1	03/26/21 17:43	03/26/21 17:43	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1642547	1	03/30/21 13:45	03/30/21 13:45	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 15:45	03/29/21 15:45	BMB	Mt. Juliet, TN



MW-25B-032521 L1331082-09 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 10:05

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 16:05	03/29/21 16:05	BMB	Mt. Juliet, TN



MW-42-032521 L1331082-10 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 10:20

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1643170	1	03/31/21 16:43	03/31/21 16:43	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1643170	1	03/31/21 16:43	03/31/21 16:43	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641129	1	03/26/21 17:56	03/26/21 17:56	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1642547	1	03/30/21 14:01	03/30/21 14:01	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 16:25	03/29/21 16:25	BMB	Mt. Juliet, TN



MW-41-032521 L1331082-11 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 10:25

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 16:46	03/29/21 16:46	BMB	Mt. Juliet, TN

MW-41-D-032521 L1331082-12 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 10:30

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 17:06	03/29/21 17:06	BMB	Mt. Juliet, TN

MW-35-032521 L1331082-13 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 10:25

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1643170	1	03/31/21 17:05	03/31/21 17:05	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1643170	1	03/31/21 17:05	03/31/21 17:05	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641129	1	03/26/21 18:09	03/26/21 18:09	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1642547	1	03/30/21 14:07	03/30/21 14:07	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 17:26	03/29/21 17:26	BMB	Mt. Juliet, TN

SAMPLE SUMMARY

MW-49-032521 L1331082-14 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 10:45

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 17:47	03/29/21 17:47	BMB	Mt. Juliet, TN

1 Cp

2 Tc

MW-28-032521 L1331082-15 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 11:00

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1643170	1	03/31/21 17:17	03/31/21 17:17	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1643170	1	03/31/21 17:17	03/31/21 17:17	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641129	1	03/26/21 18:22	03/26/21 18:22	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1642547	1	03/30/21 14:11	03/30/21 14:11	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 18:07	03/29/21 18:07	BMB	Mt. Juliet, TN

3 Ss

4 Cn

5 Sr

6 Qc

MW-37-032521 L1331082-16 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 11:05

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 19:17	03/29/21 19:17	BMB	Mt. Juliet, TN

7 Gl

8 Al

9 Sc

MW-38-032521 L1331082-17 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 11:15

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 20:16	03/29/21 20:16	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644389	20	04/02/21 06:01	04/02/21 06:01	TPR	Mt. Juliet, TN

MW-38B-032521 L1331082-18 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 11:20

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 20:36	03/29/21 20:36	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644389	20	04/02/21 06:21	04/02/21 06:21	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1646390	200	04/06/21 12:12	04/06/21 12:12	TPR	Mt. Juliet, TN

MW-11-032521 L1331082-19 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 12:45

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1643170	1	03/31/21 17:24	03/31/21 17:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1643170	1	03/31/21 17:24	03/31/21 17:24	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641129	1	03/26/21 18:35	03/26/21 18:35	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1642547	1	03/30/21 14:14	03/30/21 14:14	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	250	03/29/21 19:56	03/29/21 19:56	BMB	Mt. Juliet, TN

MW-27-032521 L1331082-20 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 13:10

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642247	1	03/29/21 19:36	03/29/21 19:36	BMB	Mt. Juliet, TN

SAMPLE SUMMARY

MW-27B-032521 L1331082-21 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 13:15

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642403	1	03/30/21 00:21	03/30/21 00:21	BMB	Mt. Juliet, TN

1 Cp

2 Tc

MW-47-032521 L1331082-22 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 13:45

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642403	1	03/30/21 00:42	03/30/21 00:42	BMB	Mt. Juliet, TN

3 Ss

4 Cn

MW-31-032521 L1331082-23 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 14:00

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642403	1	03/30/21 01:02	03/30/21 01:02	BMB	Mt. Juliet, TN

5 Sr

6 Qc

MW-33T-032521 L1331082-24 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 14:15

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642403	1	03/30/21 01:22	03/30/21 01:22	BMB	Mt. Juliet, TN

7 Gl

8 Al

MW-50B-032521 L1331082-25 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 14:25

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642403	1	03/30/21 01:43	03/30/21 01:43	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1645450	20	04/05/21 13:00	04/05/21 13:00	JAH	Mt. Juliet, TN

9 Sc

MW-48B-032521 L1331082-26 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 14:35

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642403	1	03/30/21 02:03	03/30/21 02:03	BMB	Mt. Juliet, TN

MW-51-032521 L1331082-27 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 14:45

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642403	1	03/30/21 02:23	03/30/21 02:23	BMB	Mt. Juliet, TN

FB02-032521 L1331082-28 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 15:00

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642403	1	03/30/21 02:43	03/30/21 02:43	BMB	Mt. Juliet, TN

SAMPLE SUMMARY

MW-02-032521 L1331082-29 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 13:45

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1643170	1	03/31/21 17:32	03/31/21 17:32	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1643170	1	03/31/21 17:32	03/31/21 17:32	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641129	1	03/26/21 18:48	03/26/21 18:48	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1642547	1	03/30/21 14:18	03/30/21 14:18	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642403	1	03/30/21 03:04	03/30/21 03:04	BMB	Mt. Juliet, TN



MW-02B-032521 L1331082-30 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 14:00

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642403	1	03/30/21 03:24	03/30/21 03:24	BMB	Mt. Juliet, TN



MW-04-032521 L1331082-31 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 14:10

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1643578	1	03/31/21 18:38	03/31/21 18:38	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1643578	1	03/31/21 18:38	03/31/21 18:38	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641129	1	03/26/21 19:01	03/26/21 19:01	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1642547	1	03/30/21 14:24	03/30/21 14:24	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642403	1	03/30/21 03:45	03/30/21 03:45	BMB	Mt. Juliet, TN



MW-03-032521 L1331082-32 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 14:20

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1643578	1	03/31/21 18:51	03/31/21 18:51	ARD	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1643578	1	03/31/21 18:51	03/31/21 18:51	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641129	1	03/26/21 19:14	03/26/21 19:14	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1642547	1	03/30/21 14:48	03/30/21 14:48	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642434	1	03/30/21 08:26	03/30/21 08:26	BMB	Mt. Juliet, TN

MW-05-032521 L1331082-33 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 14:35

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642434	1	03/30/21 09:02	03/30/21 09:02	BMB	Mt. Juliet, TN

MW-06-032521 L1331082-34 GW

Collected by
Melissa Warren

Collected date/time
03/25/21 14:40

Received date/time
03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642434	1	03/30/21 09:22	03/30/21 09:22	BMB	Mt. Juliet, TN

SAMPLE SUMMARY

MW-06B-032521 L1331082-35 GW

Collected by: Melissa Warren
 Collected date/time: 03/25/21 14:45
 Received date/time: 03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642627	1	03/30/21 14:36	03/30/21 14:36	JBE	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

TB03-032521 L1331082-36 GW

Collected by: Melissa Warren
 Collected date/time: 03/25/21 00:00
 Received date/time: 03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642627	1	03/30/21 12:29	03/30/21 12:29	JBE	Mt. Juliet, TN

⁴ Cn

⁵ Sr

TB04-032521 L1331082-37 GW

Collected by: Melissa Warren
 Collected date/time: 03/25/21 00:00
 Received date/time: 03/26/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1642627	1	03/30/21 12:50	03/30/21 12:50	JBE	Mt. Juliet, TN

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	4660		100	100	03/29/2021 19:43	WG1642230
Toluene	3590		100	100	03/29/2021 19:43	WG1642230
Ethylbenzene	906		100	100	03/29/2021 19:43	WG1642230
Total Xylenes	5810		300	100	03/29/2021 19:43	WG1642230
Methyl tert-butyl ether	263		100	100	03/29/2021 19:43	WG1642230
Naphthalene	ND		500	100	03/29/2021 19:43	WG1642230
1,2-Dichloroethane	ND	C3	100	100	03/29/2021 19:43	WG1642230
<i>(S) Toluene-d8</i>	120		80.0-120		03/29/2021 19:43	WG1642230
<i>(S) 4-Bromofluorobenzene</i>	99.3		77.0-126		03/29/2021 19:43	WG1642230
<i>(S) 1,2-Dichloroethane-d4</i>	86.3		70.0-130		03/29/2021 19:43	WG1642230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	03/31/2021 16:13	WG1643170

Sample Narrative:

L1331082-02 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	<u>T8</u>	20000	1	03/31/2021 16:13	WG1643170

Sample Narrative:

L1331082-02 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

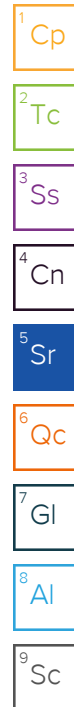
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	864		100	1	03/26/2021 16:50	WG1641129
Sulfate	6140		5000	1	03/26/2021 16:50	WG1641129

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/30/2021 13:39	WG1642547

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 19:02	WG1642230
Toluene	ND		1.00	1	03/29/2021 19:02	WG1642230
Ethylbenzene	ND		1.00	1	03/29/2021 19:02	WG1642230
Total Xylenes	ND		3.00	1	03/29/2021 19:02	WG1642230
Methyl tert-butyl ether	1.35		1.00	1	03/29/2021 19:02	WG1642230
Naphthalene	ND		5.00	1	03/29/2021 19:02	WG1642230
1,2-Dichloroethane	ND	<u>C3</u>	1.00	1	03/29/2021 19:02	WG1642230
(S) Toluene-d8	119		80.0-120		03/29/2021 19:02	WG1642230
(S) 4-Bromofluorobenzene	96.3		77.0-126		03/29/2021 19:02	WG1642230
(S) 1,2-Dichloroethane-d4	86.0		70.0-130		03/29/2021 19:02	WG1642230



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	2100		50.0	50	04/01/2021 00:55	WG1643580
Toluene	385		50.0	50	04/01/2021 00:55	WG1643580
Ethylbenzene	ND		50.0	50	04/01/2021 00:55	WG1643580
Total Xylenes	1230		150	50	04/01/2021 00:55	WG1643580
Methyl tert-butyl ether	148		50.0	50	04/01/2021 00:55	WG1643580
Naphthalene	ND		250	50	04/01/2021 00:55	WG1643580
1,2-Dichloroethane	ND		50.0	50	04/01/2021 00:55	WG1643580
(S) Toluene-d8	102		80.0-120		04/01/2021 00:55	WG1643580
(S) 4-Bromofluorobenzene	107		77.0-126		04/01/2021 00:55	WG1643580
(S) 1,2-Dichloroethane-d4	102		70.0-130		04/01/2021 00:55	WG1643580

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1970		50.0	50	04/01/2021 01:15	WG1643580
Toluene	357		50.0	50	04/01/2021 01:15	WG1643580
Ethylbenzene	ND		50.0	50	04/01/2021 01:15	WG1643580
Total Xylenes	1110		150	50	04/01/2021 01:15	WG1643580
Methyl tert-butyl ether	106		50.0	50	04/01/2021 01:15	WG1643580
Naphthalene	ND		250	50	04/01/2021 01:15	WG1643580
1,2-Dichloroethane	ND		50.0	50	04/01/2021 01:15	WG1643580
(S) Toluene-d8	96.3		80.0-120		04/01/2021 01:15	WG1643580
(S) 4-Bromofluorobenzene	102		77.0-126		04/01/2021 01:15	WG1643580
(S) 1,2-Dichloroethane-d4	105		70.0-130		04/01/2021 01:15	WG1643580

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	117		5.00	5	04/01/2021 00:14	WG1643580
Toluene	6.16		5.00	5	04/01/2021 00:14	WG1643580
Ethylbenzene	ND		5.00	5	04/01/2021 00:14	WG1643580
Total Xylenes	21.3		15.0	5	04/01/2021 00:14	WG1643580
Methyl tert-butyl ether	72.5		5.00	5	04/01/2021 00:14	WG1643580
Naphthalene	ND		25.0	5	04/01/2021 00:14	WG1643580
1,2-Dichloroethane	ND		5.00	5	04/01/2021 00:14	WG1643580
<i>(S) Toluene-d8</i>	98.9		80.0-120		04/01/2021 00:14	WG1643580
<i>(S) 4-Bromofluorobenzene</i>	101		77.0-126		04/01/2021 00:14	WG1643580
<i>(S) 1,2-Dichloroethane-d4</i>	109		70.0-130		04/01/2021 00:14	WG1643580

Sample Narrative:

L1331082-05 WG1643580: Non-target compounds too high to run at a lower dilution.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	03/31/2021 16:22	WG1643170

Sample Narrative:

L1331082-06 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	<u>T8</u>	20000	1	03/31/2021 16:22	WG1643170

Sample Narrative:

L1331082-06 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

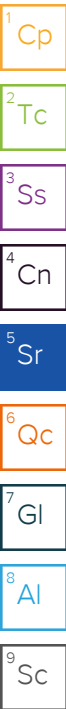
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	162		100	1	03/26/2021 17:29	WG1641129
Sulfate	ND		5000	1	03/26/2021 17:29	WG1641129

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/30/2021 13:42	WG1642547

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 14:57	WG1642247
Toluene	ND		1.00	1	03/29/2021 14:57	WG1642247
Ethylbenzene	ND		1.00	1	03/29/2021 14:57	WG1642247
Total Xylenes	ND		3.00	1	03/29/2021 14:57	WG1642247
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 14:57	WG1642247
Naphthalene	ND		5.00	1	03/29/2021 14:57	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 14:57	WG1642247
(S) Toluene-d8	106		80.0-120		03/29/2021 14:57	WG1642247
(S) 4-Bromofluorobenzene	95.7		77.0-126		03/29/2021 14:57	WG1642247
(S) 1,2-Dichloroethane-d4	105		70.0-130		03/29/2021 14:57	WG1642247



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	4.50		1.00	1	03/29/2021 15:25	WG1642247
Toluene	ND		1.00	1	03/29/2021 15:25	WG1642247
Ethylbenzene	ND		1.00	1	03/29/2021 15:25	WG1642247
Total Xylenes	ND		3.00	1	03/29/2021 15:25	WG1642247
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 15:25	WG1642247
Naphthalene	ND		5.00	1	03/29/2021 15:25	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 15:25	WG1642247
(S) Toluene-d8	106		80.0-120		03/29/2021 15:25	WG1642247
(S) 4-Bromofluorobenzene	94.9		77.0-126		03/29/2021 15:25	WG1642247
(S) 1,2-Dichloroethane-d4	98.3		70.0-130		03/29/2021 15:25	WG1642247

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	03/31/2021 16:33	WG1643170

Sample Narrative:

L1331082-08 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	<u>T8</u>	20000	1	03/31/2021 16:33	WG1643170

Sample Narrative:

L1331082-08 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

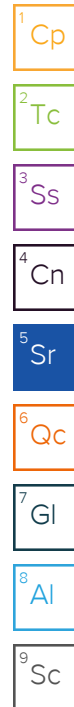
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	577		100	1	03/26/2021 17:43	WG1641129
Sulfate	ND		5000	1	03/26/2021 17:43	WG1641129

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/30/2021 13:45	WG1642547

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 15:45	WG1642247
Toluene	ND		1.00	1	03/29/2021 15:45	WG1642247
Ethylbenzene	ND		1.00	1	03/29/2021 15:45	WG1642247
Total Xylenes	ND		3.00	1	03/29/2021 15:45	WG1642247
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 15:45	WG1642247
Naphthalene	ND		5.00	1	03/29/2021 15:45	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 15:45	WG1642247
(S) Toluene-d8	105		80.0-120		03/29/2021 15:45	WG1642247
(S) 4-Bromofluorobenzene	99.2		77.0-126		03/29/2021 15:45	WG1642247
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/29/2021 15:45	WG1642247



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1.44		1.00	1	03/29/2021 16:05	WG1642247
Toluene	ND		1.00	1	03/29/2021 16:05	WG1642247
Ethylbenzene	ND		1.00	1	03/29/2021 16:05	WG1642247
Total Xylenes	ND		3.00	1	03/29/2021 16:05	WG1642247
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 16:05	WG1642247
Naphthalene	ND		5.00	1	03/29/2021 16:05	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 16:05	WG1642247
(S) Toluene-d8	110		80.0-120		03/29/2021 16:05	WG1642247
(S) 4-Bromofluorobenzene	97.6		77.0-126		03/29/2021 16:05	WG1642247
(S) 1,2-Dichloroethane-d4	102		70.0-130		03/29/2021 16:05	WG1642247

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	03/31/2021 16:43	WG1643170

Sample Narrative:

L1331082-10 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	<u>T8</u>	20000	1	03/31/2021 16:43	WG1643170

Sample Narrative:

L1331082-10 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

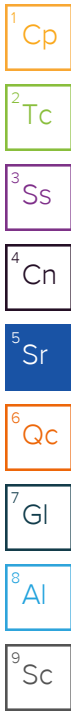
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	586		100	1	03/26/2021 17:56	WG1641129
Sulfate	ND		5000	1	03/26/2021 17:56	WG1641129

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/30/2021 14:01	WG1642547

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 16:25	WG1642247
Toluene	ND		1.00	1	03/29/2021 16:25	WG1642247
Ethylbenzene	ND		1.00	1	03/29/2021 16:25	WG1642247
Total Xylenes	ND		3.00	1	03/29/2021 16:25	WG1642247
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 16:25	WG1642247
Naphthalene	ND		5.00	1	03/29/2021 16:25	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 16:25	WG1642247
(S) Toluene-d8	107		80.0-120		03/29/2021 16:25	WG1642247
(S) 4-Bromofluorobenzene	98.2		77.0-126		03/29/2021 16:25	WG1642247
(S) 1,2-Dichloroethane-d4	102		70.0-130		03/29/2021 16:25	WG1642247



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 16:46	WG1642247
Toluene	ND		1.00	1	03/29/2021 16:46	WG1642247
Ethylbenzene	ND		1.00	1	03/29/2021 16:46	WG1642247
Total Xylenes	ND		3.00	1	03/29/2021 16:46	WG1642247
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 16:46	WG1642247
Naphthalene	ND		5.00	1	03/29/2021 16:46	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 16:46	WG1642247
(S) Toluene-d8	106		80.0-120		03/29/2021 16:46	WG1642247
(S) 4-Bromofluorobenzene	96.5		77.0-126		03/29/2021 16:46	WG1642247
(S) 1,2-Dichloroethane-d4	103		70.0-130		03/29/2021 16:46	WG1642247

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 17:06	WG1642247
Toluene	ND		1.00	1	03/29/2021 17:06	WG1642247
Ethylbenzene	ND		1.00	1	03/29/2021 17:06	WG1642247
Total Xylenes	ND		3.00	1	03/29/2021 17:06	WG1642247
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 17:06	WG1642247
Naphthalene	ND		5.00	1	03/29/2021 17:06	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 17:06	WG1642247
(S) Toluene-d8	107		80.0-120		03/29/2021 17:06	WG1642247
(S) 4-Bromofluorobenzene	96.3		77.0-126		03/29/2021 17:06	WG1642247
(S) 1,2-Dichloroethane-d4	105		70.0-130		03/29/2021 17:06	WG1642247

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	03/31/2021 17:05	WG1643170

Sample Narrative:

L1331082-13 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	<u>T8</u>	20000	1	03/31/2021 17:05	WG1643170

Sample Narrative:

L1331082-13 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

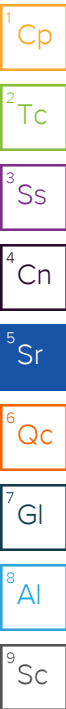
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	1150		100	1	03/26/2021 18:09	WG1641129
Sulfate	ND		5000	1	03/26/2021 18:09	WG1641129

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/30/2021 14:07	WG1642547

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 17:26	WG1642247
Toluene	ND		1.00	1	03/29/2021 17:26	WG1642247
Ethylbenzene	ND		1.00	1	03/29/2021 17:26	WG1642247
Total Xylenes	ND		3.00	1	03/29/2021 17:26	WG1642247
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 17:26	WG1642247
Naphthalene	ND		5.00	1	03/29/2021 17:26	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 17:26	WG1642247
(S) Toluene-d8	109		80.0-120		03/29/2021 17:26	WG1642247
(S) 4-Bromofluorobenzene	97.6		77.0-126		03/29/2021 17:26	WG1642247
(S) 1,2-Dichloroethane-d4	102		70.0-130		03/29/2021 17:26	WG1642247



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 17:47	WG1642247
Toluene	ND		1.00	1	03/29/2021 17:47	WG1642247
Ethylbenzene	ND		1.00	1	03/29/2021 17:47	WG1642247
Total Xylenes	ND		3.00	1	03/29/2021 17:47	WG1642247
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 17:47	WG1642247
Naphthalene	ND		5.00	1	03/29/2021 17:47	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 17:47	WG1642247
(S) Toluene-d8	106		80.0-120		03/29/2021 17:47	WG1642247
(S) 4-Bromofluorobenzene	96.1		77.0-126		03/29/2021 17:47	WG1642247
(S) 1,2-Dichloroethane-d4	101		70.0-130		03/29/2021 17:47	WG1642247

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	03/31/2021 17:17	WG1643170

Sample Narrative:

L1331082-15 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	<u>T8</u>	20000	1	03/31/2021 17:17	WG1643170

Sample Narrative:

L1331082-15 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

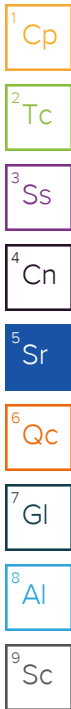
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	645		100	1	03/26/2021 18:22	WG1641129
Sulfate	ND		5000	1	03/26/2021 18:22	WG1641129

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	12.5		10.0	1	03/30/2021 14:11	WG1642547

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1.03		1.00	1	03/29/2021 18:07	WG1642247
Toluene	ND		1.00	1	03/29/2021 18:07	WG1642247
Ethylbenzene	ND		1.00	1	03/29/2021 18:07	WG1642247
Total Xylenes	ND		3.00	1	03/29/2021 18:07	WG1642247
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 18:07	WG1642247
Naphthalene	ND		5.00	1	03/29/2021 18:07	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 18:07	WG1642247
(S) Toluene-d8	106		80.0-120		03/29/2021 18:07	WG1642247
(S) 4-Bromofluorobenzene	94.6		77.0-126		03/29/2021 18:07	WG1642247
(S) 1,2-Dichloroethane-d4	99.1		70.0-130		03/29/2021 18:07	WG1642247



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 19:17	WG1642247
Toluene	ND		1.00	1	03/29/2021 19:17	WG1642247
Ethylbenzene	ND		1.00	1	03/29/2021 19:17	WG1642247
Total Xylenes	ND		3.00	1	03/29/2021 19:17	WG1642247
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 19:17	WG1642247
Naphthalene	ND		5.00	1	03/29/2021 19:17	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 19:17	WG1642247
(S) Toluene-d8	105		80.0-120		03/29/2021 19:17	WG1642247
(S) 4-Bromofluorobenzene	94.6		77.0-126		03/29/2021 19:17	WG1642247
(S) 1,2-Dichloroethane-d4	103		70.0-130		03/29/2021 19:17	WG1642247

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1660		20.0	20	04/02/2021 06:01	WG1644389
Toluene	7.43		1.00	1	03/29/2021 20:16	WG1642247
Ethylbenzene	2.50		1.00	1	03/29/2021 20:16	WG1642247
Total Xylenes	186		3.00	1	03/29/2021 20:16	WG1642247
Methyl tert-butyl ether	144		1.00	1	03/29/2021 20:16	WG1642247
Naphthalene	30.3		5.00	1	03/29/2021 20:16	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 20:16	WG1642247
(S) Toluene-d8	105		80.0-120		03/29/2021 20:16	WG1642247
(S) Toluene-d8	108		80.0-120		04/02/2021 06:01	WG1644389
(S) 4-Bromofluorobenzene	96.5		77.0-126		03/29/2021 20:16	WG1642247
(S) 4-Bromofluorobenzene	107		77.0-126		04/02/2021 06:01	WG1644389
(S) 1,2-Dichloroethane-d4	104		70.0-130		03/29/2021 20:16	WG1642247
(S) 1,2-Dichloroethane-d4	104		70.0-130		04/02/2021 06:01	WG1644389

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	2260		200	200	04/06/2021 12:12	WG1646390
Toluene	13.7		1.00	1	03/29/2021 20:36	WG1642247
Ethylbenzene	6.07		1.00	1	03/29/2021 20:36	WG1642247
Total Xylenes	693		60.0	20	04/02/2021 06:21	WG1644389
Methyl tert-butyl ether	161		1.00	1	03/29/2021 20:36	WG1642247
Naphthalene	59.3		5.00	1	03/29/2021 20:36	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 20:36	WG1642247
(S) Toluene-d8	106		80.0-120		03/29/2021 20:36	WG1642247
(S) Toluene-d8	112		80.0-120		04/02/2021 06:21	WG1644389
(S) Toluene-d8	88.3		80.0-120		04/06/2021 12:12	WG1646390
(S) 4-Bromofluorobenzene	96.2		77.0-126		03/29/2021 20:36	WG1642247
(S) 4-Bromofluorobenzene	111		77.0-126		04/02/2021 06:21	WG1644389
(S) 4-Bromofluorobenzene	121		77.0-126		04/06/2021 12:12	WG1646390
(S) 1,2-Dichloroethane-d4	103		70.0-130		03/29/2021 20:36	WG1642247
(S) 1,2-Dichloroethane-d4	105		70.0-130		04/02/2021 06:21	WG1644389
(S) 1,2-Dichloroethane-d4	194	<u>J1</u>	70.0-130		04/06/2021 12:12	WG1646390

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	78100		20000	1	03/31/2021 17:24	WG1643170

Sample Narrative:

L1331082-19 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	43200	<u>T8</u>	20000	1	03/31/2021 17:24	WG1643170

Sample Narrative:

L1331082-19 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

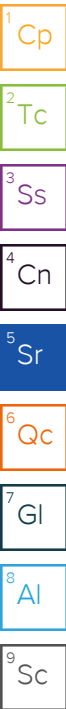
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND		100	1	03/26/2021 18:35	WG1641129
Sulfate	ND		5000	1	03/26/2021 18:35	WG1641129

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	69.6		10.0	1	03/30/2021 14:14	WG1642547

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	3300		250	250	03/29/2021 19:56	WG1642247
Toluene	11300		250	250	03/29/2021 19:56	WG1642247
Ethylbenzene	2320		250	250	03/29/2021 19:56	WG1642247
Total Xylenes	12600		750	250	03/29/2021 19:56	WG1642247
Methyl tert-butyl ether	ND		250	250	03/29/2021 19:56	WG1642247
Naphthalene	ND		1250	250	03/29/2021 19:56	WG1642247
1,2-Dichloroethane	ND		250	250	03/29/2021 19:56	WG1642247
(S) Toluene-d8	107		80.0-120		03/29/2021 19:56	WG1642247
(S) 4-Bromofluorobenzene	94.7		77.0-126		03/29/2021 19:56	WG1642247
(S) 1,2-Dichloroethane-d4	103		70.0-130		03/29/2021 19:56	WG1642247



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2021 19:36	WG1642247
Toluene	ND		1.00	1	03/29/2021 19:36	WG1642247
Ethylbenzene	ND		1.00	1	03/29/2021 19:36	WG1642247
Total Xylenes	ND		3.00	1	03/29/2021 19:36	WG1642247
Methyl tert-butyl ether	ND		1.00	1	03/29/2021 19:36	WG1642247
Naphthalene	ND		5.00	1	03/29/2021 19:36	WG1642247
1,2-Dichloroethane	ND		1.00	1	03/29/2021 19:36	WG1642247
(S) Toluene-d8	99.9		80.0-120		03/29/2021 19:36	WG1642247
(S) 4-Bromofluorobenzene	97.9		77.0-126		03/29/2021 19:36	WG1642247
(S) 1,2-Dichloroethane-d4	107		70.0-130		03/29/2021 19:36	WG1642247

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 00:21	WG1642403
Toluene	ND		1.00	1	03/30/2021 00:21	WG1642403
Ethylbenzene	ND		1.00	1	03/30/2021 00:21	WG1642403
Total Xylenes	ND		3.00	1	03/30/2021 00:21	WG1642403
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 00:21	WG1642403
Naphthalene	ND		5.00	1	03/30/2021 00:21	WG1642403
1,2-Dichloroethane	ND		1.00	1	03/30/2021 00:21	WG1642403
(S) Toluene-d8	109		80.0-120		03/30/2021 00:21	WG1642403
(S) 4-Bromofluorobenzene	114		77.0-126		03/30/2021 00:21	WG1642403
(S) 1,2-Dichloroethane-d4	116		70.0-130		03/30/2021 00:21	WG1642403

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 00:42	WG1642403
Toluene	ND		1.00	1	03/30/2021 00:42	WG1642403
Ethylbenzene	ND		1.00	1	03/30/2021 00:42	WG1642403
Total Xylenes	ND		3.00	1	03/30/2021 00:42	WG1642403
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 00:42	WG1642403
Naphthalene	ND		5.00	1	03/30/2021 00:42	WG1642403
1,2-Dichloroethane	ND		1.00	1	03/30/2021 00:42	WG1642403
(S) Toluene-d8	109		80.0-120		03/30/2021 00:42	WG1642403
(S) 4-Bromofluorobenzene	112		77.0-126		03/30/2021 00:42	WG1642403
(S) 1,2-Dichloroethane-d4	114		70.0-130		03/30/2021 00:42	WG1642403

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 01:02	WG1642403
Toluene	ND		1.00	1	03/30/2021 01:02	WG1642403
Ethylbenzene	ND		1.00	1	03/30/2021 01:02	WG1642403
Total Xylenes	ND		3.00	1	03/30/2021 01:02	WG1642403
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 01:02	WG1642403
Naphthalene	ND		5.00	1	03/30/2021 01:02	WG1642403
1,2-Dichloroethane	ND		1.00	1	03/30/2021 01:02	WG1642403
(S) Toluene-d8	109		80.0-120		03/30/2021 01:02	WG1642403
(S) 4-Bromofluorobenzene	111		77.0-126		03/30/2021 01:02	WG1642403
(S) 1,2-Dichloroethane-d4	112		70.0-130		03/30/2021 01:02	WG1642403

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 01:22	WG1642403
Toluene	ND		1.00	1	03/30/2021 01:22	WG1642403
Ethylbenzene	ND		1.00	1	03/30/2021 01:22	WG1642403
Total Xylenes	ND		3.00	1	03/30/2021 01:22	WG1642403
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 01:22	WG1642403
Naphthalene	ND		5.00	1	03/30/2021 01:22	WG1642403
1,2-Dichloroethane	ND		1.00	1	03/30/2021 01:22	WG1642403
(S) Toluene-d8	109		80.0-120		03/30/2021 01:22	WG1642403
(S) 4-Bromofluorobenzene	111		77.0-126		03/30/2021 01:22	WG1642403
(S) 1,2-Dichloroethane-d4	113		70.0-130		03/30/2021 01:22	WG1642403

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	641		20.0	20	04/05/2021 13:00	WG1645450
Toluene	ND		1.00	1	03/30/2021 01:43	WG1642403
Ethylbenzene	ND		1.00	1	03/30/2021 01:43	WG1642403
Total Xylenes	4.43		3.00	1	03/30/2021 01:43	WG1642403
Methyl tert-butyl ether	113		1.00	1	03/30/2021 01:43	WG1642403
Naphthalene	ND		5.00	1	03/30/2021 01:43	WG1642403
1,2-Dichloroethane	ND		1.00	1	03/30/2021 01:43	WG1642403
(S) Toluene-d8	109		80.0-120		03/30/2021 01:43	WG1642403
(S) Toluene-d8	106		80.0-120		04/05/2021 13:00	WG1645450
(S) 4-Bromofluorobenzene	113		77.0-126		03/30/2021 01:43	WG1642403
(S) 4-Bromofluorobenzene	94.6		77.0-126		04/05/2021 13:00	WG1645450
(S) 1,2-Dichloroethane-d4	113		70.0-130		03/30/2021 01:43	WG1642403
(S) 1,2-Dichloroethane-d4	87.0		70.0-130		04/05/2021 13:00	WG1645450

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 02:03	WG1642403
Toluene	ND		1.00	1	03/30/2021 02:03	WG1642403
Ethylbenzene	ND		1.00	1	03/30/2021 02:03	WG1642403
Total Xylenes	ND		3.00	1	03/30/2021 02:03	WG1642403
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 02:03	WG1642403
Naphthalene	ND		5.00	1	03/30/2021 02:03	WG1642403
1,2-Dichloroethane	ND		1.00	1	03/30/2021 02:03	WG1642403
(S) Toluene-d8	109		80.0-120		03/30/2021 02:03	WG1642403
(S) 4-Bromofluorobenzene	112		77.0-126		03/30/2021 02:03	WG1642403
(S) 1,2-Dichloroethane-d4	114		70.0-130		03/30/2021 02:03	WG1642403

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 02:23	WG1642403
Toluene	ND		1.00	1	03/30/2021 02:23	WG1642403
Ethylbenzene	ND		1.00	1	03/30/2021 02:23	WG1642403
Total Xylenes	ND		3.00	1	03/30/2021 02:23	WG1642403
Methyl tert-butyl ether	3.28		1.00	1	03/30/2021 02:23	WG1642403
Naphthalene	ND		5.00	1	03/30/2021 02:23	WG1642403
1,2-Dichloroethane	ND		1.00	1	03/30/2021 02:23	WG1642403
(S) Toluene-d8	108		80.0-120		03/30/2021 02:23	WG1642403
(S) 4-Bromofluorobenzene	109		77.0-126		03/30/2021 02:23	WG1642403
(S) 1,2-Dichloroethane-d4	114		70.0-130		03/30/2021 02:23	WG1642403

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 02:43	WG1642403
Toluene	ND		1.00	1	03/30/2021 02:43	WG1642403
Ethylbenzene	ND		1.00	1	03/30/2021 02:43	WG1642403
Total Xylenes	ND		3.00	1	03/30/2021 02:43	WG1642403
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 02:43	WG1642403
Naphthalene	ND		5.00	1	03/30/2021 02:43	WG1642403
1,2-Dichloroethane	ND		1.00	1	03/30/2021 02:43	WG1642403
(S) Toluene-d8	110		80.0-120		03/30/2021 02:43	WG1642403
(S) 4-Bromofluorobenzene	110		77.0-126		03/30/2021 02:43	WG1642403
(S) 1,2-Dichloroethane-d4	115		70.0-130		03/30/2021 02:43	WG1642403

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	23000		20000	1	03/31/2021 17:32	WG1643170

Sample Narrative:

L1331082-29 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	<u>T8</u>	20000	1	03/31/2021 17:32	WG1643170

Sample Narrative:

L1331082-29 WG1643170: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

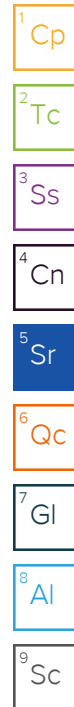
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND		100	1	03/26/2021 18:48	WG1641129
Sulfate	ND		5000	1	03/26/2021 18:48	WG1641129

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/30/2021 14:18	WG1642547

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1.13		1.00	1	03/30/2021 03:04	WG1642403
Toluene	1.51		1.00	1	03/30/2021 03:04	WG1642403
Ethylbenzene	28.5		1.00	1	03/30/2021 03:04	WG1642403
Total Xylenes	201		3.00	1	03/30/2021 03:04	WG1642403
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 03:04	WG1642403
Naphthalene	30.1		5.00	1	03/30/2021 03:04	WG1642403
1,2-Dichloroethane	ND		1.00	1	03/30/2021 03:04	WG1642403
(S) Toluene-d8	108		80.0-120		03/30/2021 03:04	WG1642403
(S) 4-Bromofluorobenzene	115		77.0-126		03/30/2021 03:04	WG1642403
(S) 1,2-Dichloroethane-d4	112		70.0-130		03/30/2021 03:04	WG1642403



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 03:24	WG1642403
Toluene	ND		1.00	1	03/30/2021 03:24	WG1642403
Ethylbenzene	ND		1.00	1	03/30/2021 03:24	WG1642403
Total Xylenes	ND		3.00	1	03/30/2021 03:24	WG1642403
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 03:24	WG1642403
Naphthalene	ND		5.00	1	03/30/2021 03:24	WG1642403
1,2-Dichloroethane	ND		1.00	1	03/30/2021 03:24	WG1642403
(S) Toluene-d8	105		80.0-120		03/30/2021 03:24	WG1642403
(S) 4-Bromofluorobenzene	109		77.0-126		03/30/2021 03:24	WG1642403
(S) 1,2-Dichloroethane-d4	112		70.0-130		03/30/2021 03:24	WG1642403

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	03/31/2021 18:38	WG1643578

Sample Narrative:

L1331082-31 WG1643578: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	<u>T8</u>	20000	1	03/31/2021 18:38	WG1643578

Sample Narrative:

L1331082-31 WG1643578: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

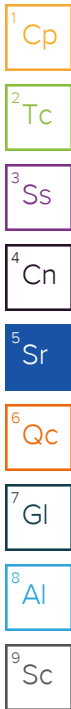
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND		100	1	03/26/2021 19:01	WG1641129
Sulfate	ND		5000	1	03/26/2021 19:01	WG1641129

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/30/2021 14:24	WG1642547

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 03:45	WG1642403
Toluene	ND		1.00	1	03/30/2021 03:45	WG1642403
Ethylbenzene	ND		1.00	1	03/30/2021 03:45	WG1642403
Total Xylenes	ND		3.00	1	03/30/2021 03:45	WG1642403
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 03:45	WG1642403
Naphthalene	ND		5.00	1	03/30/2021 03:45	WG1642403
1,2-Dichloroethane	ND		1.00	1	03/30/2021 03:45	WG1642403
(S) Toluene-d8	108		80.0-120		03/30/2021 03:45	WG1642403
(S) 4-Bromofluorobenzene	108		77.0-126		03/30/2021 03:45	WG1642403
(S) 1,2-Dichloroethane-d4	112		70.0-130		03/30/2021 03:45	WG1642403



Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	03/31/2021 18:51	WG1643578

Sample Narrative:

L1331082-32 WG1643578: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	<u>T8</u>	20000	1	03/31/2021 18:51	WG1643578

Sample Narrative:

L1331082-32 WG1643578: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

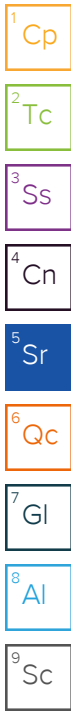
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	245		100	1	03/26/2021 19:14	WG1641129
Sulfate	ND		5000	1	03/26/2021 19:14	WG1641129

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/30/2021 14:48	WG1642547

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 08:26	WG1642434
Toluene	ND		1.00	1	03/30/2021 08:26	WG1642434
Ethylbenzene	ND		1.00	1	03/30/2021 08:26	WG1642434
Total Xylenes	ND		3.00	1	03/30/2021 08:26	WG1642434
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 08:26	WG1642434
Naphthalene	ND		5.00	1	03/30/2021 08:26	WG1642434
1,2-Dichloroethane	ND		1.00	1	03/30/2021 08:26	WG1642434
(S) Toluene-d8	108		80.0-120		03/30/2021 08:26	WG1642434
(S) 4-Bromofluorobenzene	95.4		77.0-126		03/30/2021 08:26	WG1642434
(S) 1,2-Dichloroethane-d4	103		70.0-130		03/30/2021 08:26	WG1642434



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 09:02	WG1642434
Toluene	ND		1.00	1	03/30/2021 09:02	WG1642434
Ethylbenzene	ND		1.00	1	03/30/2021 09:02	WG1642434
Total Xylenes	ND		3.00	1	03/30/2021 09:02	WG1642434
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 09:02	WG1642434
Naphthalene	ND		5.00	1	03/30/2021 09:02	WG1642434
1,2-Dichloroethane	ND		1.00	1	03/30/2021 09:02	WG1642434
(S) Toluene-d8	105		80.0-120		03/30/2021 09:02	WG1642434
(S) 4-Bromofluorobenzene	97.6		77.0-126		03/30/2021 09:02	WG1642434
(S) 1,2-Dichloroethane-d4	104		70.0-130		03/30/2021 09:02	WG1642434

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 09:22	WG1642434
Toluene	ND		1.00	1	03/30/2021 09:22	WG1642434
Ethylbenzene	ND		1.00	1	03/30/2021 09:22	WG1642434
Total Xylenes	ND		3.00	1	03/30/2021 09:22	WG1642434
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 09:22	WG1642434
Naphthalene	ND		5.00	1	03/30/2021 09:22	WG1642434
1,2-Dichloroethane	ND		1.00	1	03/30/2021 09:22	WG1642434
(S) Toluene-d8	104		80.0-120		03/30/2021 09:22	WG1642434
(S) 4-Bromofluorobenzene	99.0		77.0-126		03/30/2021 09:22	WG1642434
(S) 1,2-Dichloroethane-d4	105		70.0-130		03/30/2021 09:22	WG1642434

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 14:36	WG1642627
Toluene	1.50		1.00	1	03/30/2021 14:36	WG1642627
Ethylbenzene	ND		1.00	1	03/30/2021 14:36	WG1642627
Total Xylenes	ND		3.00	1	03/30/2021 14:36	WG1642627
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 14:36	WG1642627
Naphthalene	ND		5.00	1	03/30/2021 14:36	WG1642627
1,2-Dichloroethane	ND		1.00	1	03/30/2021 14:36	WG1642627
(S) Toluene-d8	108		80.0-120		03/30/2021 14:36	WG1642627
(S) 4-Bromofluorobenzene	99.0		77.0-126		03/30/2021 14:36	WG1642627
(S) 1,2-Dichloroethane-d4	113		70.0-130		03/30/2021 14:36	WG1642627

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 12:29	WG1642627
Toluene	ND		1.00	1	03/30/2021 12:29	WG1642627
Ethylbenzene	ND		1.00	1	03/30/2021 12:29	WG1642627
Total Xylenes	ND		3.00	1	03/30/2021 12:29	WG1642627
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 12:29	WG1642627
Naphthalene	ND		5.00	1	03/30/2021 12:29	WG1642627
1,2-Dichloroethane	ND		1.00	1	03/30/2021 12:29	WG1642627
(S) Toluene-d8	108		80.0-120		03/30/2021 12:29	WG1642627
(S) 4-Bromofluorobenzene	103		77.0-126		03/30/2021 12:29	WG1642627
(S) 1,2-Dichloroethane-d4	110		70.0-130		03/30/2021 12:29	WG1642627

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 12:50	WG1642627
Toluene	ND		1.00	1	03/30/2021 12:50	WG1642627
Ethylbenzene	ND		1.00	1	03/30/2021 12:50	WG1642627
Total Xylenes	ND		3.00	1	03/30/2021 12:50	WG1642627
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 12:50	WG1642627
Naphthalene	ND		5.00	1	03/30/2021 12:50	WG1642627
1,2-Dichloroethane	ND		1.00	1	03/30/2021 12:50	WG1642627
(S) Toluene-d8	106		80.0-120		03/30/2021 12:50	WG1642627
(S) 4-Bromofluorobenzene	101		77.0-126		03/30/2021 12:50	WG1642627
(S) 1,2-Dichloroethane-d4	116		70.0-130		03/30/2021 12:50	WG1642627

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3636872-1 03/31/21 13:05

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Alkalinity	U		8450	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1330396-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1330396-01 03/31/21 13:38 • (DUP) R3636872-3 03/31/21 13:51

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Alkalinity	36500	36300	1	0.479		20

Sample Narrative:

OS: Endpoint pH 4.5

DUP: Endpoint pH 4.5

L1331062-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1331062-01 03/31/21 15:57 • (DUP) R3636872-6 03/31/21 16:05

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Alkalinity	153000	152000	1	1.16		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R3636872-5 03/31/21 14:52

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Alkalinity	100000	100000	100	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5



Method Blank (MB)

(MB) R3636972-1 03/31/21 18:11

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Alkalinity	U		8450	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1331109-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1331109-02 03/31/21 19:07 • (DUP) R3636972-3 03/31/21 19:14

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Alkalinity	171000	172000	1	0.0674		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1331231-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1331231-06 03/31/21 20:40 • (DUP) R3636972-6 03/31/21 20:52

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Alkalinity	88100	87700	1	0.362		20

Sample Narrative:

OS: Endpoint pH 4.5

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R3636972-5 03/31/21 19:45

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Alkalinity	100000	99300	99.3	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5



Method Blank (MB)

(MB) R3636872-2 03/31/21 13:05

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Free Carbon Dioxide	U		6670	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1330396-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1330396-01 03/31/21 13:38 • (DUP) R3636872-4 03/31/21 13:51

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Free Carbon Dioxide	ND	ND	1	0.000		20

Sample Narrative:

OS: Endpoint pH 4.5

DUP: Endpoint pH 4.5

L1331062-01 Original Sample (OS) • Duplicate (DUP)

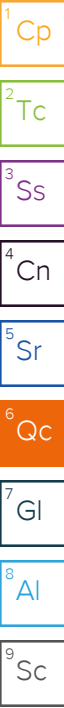
(OS) L1331062-01 03/31/21 15:57 • (DUP) R3636872-7 03/31/21 16:05

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Free Carbon Dioxide	ND	ND	1	0.000		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5



Method Blank (MB)

(MB) R3636972-2 03/31/21 18:11

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Free Carbon Dioxide	U		6670	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1331109-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1331109-02 03/31/21 19:07 • (DUP) R3636972-4 03/31/21 19:14

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Free Carbon Dioxide	32000	28700	1	11.0		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1331231-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1331231-06 03/31/21 20:40 • (DUP) R3636972-7 03/31/21 20:52

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Free Carbon Dioxide	ND	ND	1	0.000		20

Sample Narrative:

OS: Endpoint pH 4.5

DUP: Endpoint pH 4.5

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3635362-1 03/26/21 11:58

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Nitrate	U		48.0	100
Sulfate	U		594	5000

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1331018-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1331018-01 03/26/21 15:18 • (DUP) R3635362-3 03/26/21 15:32

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Nitrate	1910	1900	1	0.605		15
Sulfate	ND	ND	1	4.39		15

L1331082-32 Original Sample (OS) • Duplicate (DUP)

(OS) L1331082-32 03/26/21 19:14 • (DUP) R3635362-6 03/26/21 19:27

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Nitrate	245	249	1	1.50		15
Sulfate	ND	ND	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R3635362-2 03/26/21 12:11

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Nitrate	8000	7980	99.8	80.0-120	
Sulfate	40000	39400	98.5	80.0-120	

L1331018-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1331018-02 03/26/21 15:45 • (MS) R3635362-4 03/26/21 15:58 • (MSD) R3635362-5 03/26/21 16:11

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Nitrate	5000	ND	4880	4820	96.5	95.3	1	80.0-120			1.23	15
Sulfate	50000	ND	51000	50400	100	98.8	1	80.0-120			1.19	15

L1331109-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1331109-04 03/26/21 20:59 • (MS) R3635362-7 03/26/21 21:12

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Nitrate	5000	351	5260	98.1	1	80.0-120	
Sulfate	50000	6340	57300	102	1	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3636270-2 03/30/21 12:02

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Methane	U		2.91	10.0

1 Cp

2 Tc

3 Ss

L1331082-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1331082-08 03/30/21 13:45 • (DUP) R3636270-3 03/30/21 14:03

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Methane	ND	ND	1	0.000		20

4 Cn

5 Sr

L1331082-32 Original Sample (OS) • Duplicate (DUP)

(OS) L1331082-32 03/30/21 14:48 • (DUP) R3636270-4 03/30/21 15:43

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Methane	ND	ND	1	0.000		20

6 Qc

7 Gl

8 Al

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3636270-1 03/30/21 12:00 • (LCSD) R3636270-5 03/30/21 15:46

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Methane	67.8	71.2	63.7	105	94.0	85.0-115			11.1	20

9 Sc

Method Blank (MB)

(MB) R3636258-2 03/29/21 10:58

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	120			80.0-120
(S) 4-Bromofluorobenzene	99.6			77.0-126
(S) 1,2-Dichloroethane-d4	88.7			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3636258-1 03/29/21 10:17

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	4.14	82.8	70.0-130	
1,2-Dichloroethane	5.00	3.76	75.2	70.0-130	
Ethylbenzene	5.00	5.17	103	70.0-130	
Methyl tert-butyl ether	5.00	4.23	84.6	70.0-130	
Naphthalene	5.00	5.35	107	70.0-130	
Toluene	5.00	5.35	107	70.0-130	
Xylenes, Total	15.0	15.4	103	70.0-130	
(S) Toluene-d8			118	80.0-120	
(S) 4-Bromofluorobenzene			101	77.0-126	
(S) 1,2-Dichloroethane-d4			91.2	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3637238-2 03/29/21 11:22

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	109			80.0-120
(S) 4-Bromofluorobenzene	95.6			77.0-126
(S) 1,2-Dichloroethane-d4	100			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3637238-1 03/29/21 10:21

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	5.47	109	70.0-130	
1,2-Dichloroethane	5.00	4.90	98.0	70.0-130	
Ethylbenzene	5.00	5.06	101	70.0-130	
Methyl tert-butyl ether	5.00	5.00	100	70.0-130	
Naphthalene	5.00	5.29	106	70.0-130	
Toluene	5.00	5.13	103	70.0-130	
Xylenes, Total	15.0	15.6	104	70.0-130	
(S) Toluene-d8			106	80.0-120	
(S) 4-Bromofluorobenzene			96.1	77.0-126	
(S) 1,2-Dichloroethane-d4			104	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3637855-2 03/29/21 20:37

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	110			80.0-120
(S) 4-Bromofluorobenzene	110			77.0-126
(S) 1,2-Dichloroethane-d4	109			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3637855-1 03/29/21 19:57

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	4.67	93.4	70.0-130	
1,2-Dichloroethane	5.00	5.94	119	70.0-130	
Ethylbenzene	5.00	4.49	89.8	70.0-130	
Methyl tert-butyl ether	5.00	4.72	94.4	70.0-130	
Naphthalene	5.00	4.21	84.2	70.0-130	
Toluene	5.00	4.54	90.8	70.0-130	
Xylenes, Total	15.0	13.4	89.3	70.0-130	
(S) Toluene-d8			111	80.0-120	
(S) 4-Bromofluorobenzene			111	77.0-126	
(S) 1,2-Dichloroethane-d4			113	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3637240-2 03/30/21 00:00

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	108			80.0-120
(S) 4-Bromofluorobenzene	96.3			77.0-126
(S) 1,2-Dichloroethane-d4	105			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3637240-1 03/29/21 22:11

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	5.75	115	70.0-130	
1,2-Dichloroethane	5.00	4.92	98.4	70.0-130	
Ethylbenzene	5.00	4.99	99.8	70.0-130	
Methyl tert-butyl ether	5.00	4.92	98.4	70.0-130	
Naphthalene	5.00	5.77	115	70.0-130	
Toluene	5.00	5.08	102	70.0-130	
Xylenes, Total	15.0	15.7	105	70.0-130	
(S) Toluene-d8			105	80.0-120	
(S) 4-Bromofluorobenzene			95.2	77.0-126	
(S) 1,2-Dichloroethane-d4			102	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3637247-2 03/30/21 08:57

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	110			80.0-120
(S) 4-Bromofluorobenzene	96.4			77.0-126
(S) 1,2-Dichloroethane-d4	105			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3637247-1 03/30/21 08:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.53	111	70.0-130	
1,2-Dichloroethane	5.00	5.35	107	70.0-130	
Ethylbenzene	5.00	5.75	115	70.0-130	
Methyl tert-butyl ether	5.00	4.75	95.0	70.0-130	
Naphthalene	5.00	5.39	108	70.0-130	
Toluene	5.00	5.92	118	70.0-130	
Xylenes, Total	15.0	16.5	110	70.0-130	
(S) Toluene-d8			108	80.0-120	
(S) 4-Bromofluorobenzene			100	77.0-126	
(S) 1,2-Dichloroethane-d4			104	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3636983-2 03/31/21 20:17

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	97.8			80.0-120
(S) 4-Bromofluorobenzene	101			77.0-126
(S) 1,2-Dichloroethane-d4	114			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3636983-1 03/31/21 19:37

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	4.84	96.8	70.0-130	
1,2-Dichloroethane	5.00	5.43	109	70.0-130	
Ethylbenzene	5.00	4.91	98.2	70.0-130	
Methyl tert-butyl ether	5.00	5.18	104	70.0-130	
Naphthalene	5.00	5.04	101	70.0-130	
Toluene	5.00	4.51	90.2	70.0-130	
Xylenes, Total	15.0	14.4	96.0	70.0-130	
(S) Toluene-d8			96.9	80.0-120	
(S) 4-Bromofluorobenzene			103	77.0-126	
(S) 1,2-Dichloroethane-d4			118	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3638512-3 04/01/21 21:55

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
Xylenes, Total	U		0.174	3.00
<i>(S) Toluene-d8</i>	111			80.0-120
<i>(S) 4-Bromofluorobenzene</i>	107			77.0-126
<i>(S) 1,2-Dichloroethane-d4</i>	109			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3638512-1 04/01/21 20:54

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	4.31	86.2	70.0-130	
Xylenes, Total	15.0	13.3	88.7	70.0-130	
<i>(S) Toluene-d8</i>			109	80.0-120	
<i>(S) 4-Bromofluorobenzene</i>			109	77.0-126	
<i>(S) 1,2-Dichloroethane-d4</i>			103	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3638294-2 04/05/21 09:05

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
(S) Toluene-d8	103			80.0-120
(S) 4-Bromofluorobenzene	93.1			77.0-126
(S) 1,2-Dichloroethane-d4	88.4			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3638294-1 04/05/21 08:04

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.85	97.0	70.0-130	
(S) Toluene-d8			104	80.0-120	
(S) 4-Bromofluorobenzene			91.8	77.0-126	
(S) 1,2-Dichloroethane-d4			90.6	70.0-130	

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) R3638624-4 04/06/21 11:23

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
(S) Toluene-d8	105			80.0-120
(S) 4-Bromofluorobenzene	101			77.0-126
(S) 1,2-Dichloroethane-d4	109			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3638624-1 04/06/21 10:01 • (LCSD) R3638624-2 04/06/21 10:22

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	5.23	5.40	105	108	70.0-130			3.20	20
(S) Toluene-d8				103	105	80.0-120				
(S) 4-Bromofluorobenzene				103	102	77.0-126				
(S) 1,2-Dichloroethane-d4				108	106	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

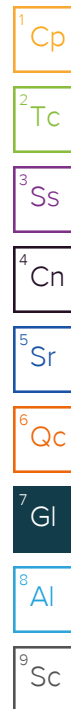
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
T8	Sample(s) received past/too close to holding time expiration.



ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl


⁸ Al

⁹ Sc

Company Name/Address:
Kinder Morgan- Atlanta, GA
 Ten 10th Street NW
 Suite 1400
 Atlanta, GA 30309

Billing Information:
 Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005

Analysis / Container / Preservative					
Pres Chk	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Chain of Custody Page 1 of 4

 Pace Analytical
 National Center for Testing & Innovation

Report to:
Bethany Garvey

Email To:
 bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
 Lewis Drive Groundwater

City/State Collected:
BELTON, SC

Please Circle:
 PT MT CT ET

Phone: **404-751-5651**

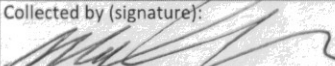
Client Project #
(K McDOWD)

Lab Project #
KINCH2MGA-LEWIS12

Collected by (print):
MELISSA WAMER

Site/Facility ID #
LEWIS DRIVE

P.O. #

Collected by (signature):


Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #

Immediately Packed on Ice N Y

Date Results Needed

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

MW-17B-032521	GNAB	GW	NA	03/25/21	0905	3
MW-15-032521		GW			0925	7
MW-15B-032521		GW			0930	3
MW-15B-D-032521		GW			0935	3
MW-39-032521		GW			0940	3
MW-12-032521		GW			0945	7
MW-12B-032521		GW			0950	3
MW-25-032521		GW			1000	7
MW-25B-032521		GW			1005	3
MW-42-032521		GW			1020	7

NITRATE,SULFATE 125mlHDPE-NoPres						
ALK,CO2 125mlHDPE-NoPres						
Methane - RSK175 40mlAmb HCl						
Methane - RSK175 40mlAmb-HCl						
V8260BTEXMNSC 40mlAmb-HCl						
V8260BTEXMNSC-TB 40mlAmb-HCl-Bik						

12065 Lebanon Road Mt Juliet, TN 37122
 Phone: 615-758-5858 Alt: 800-767-5859
 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf

SDG # **L1331082**

C031

Acctnum: **KINCH2MGA**

Template: **T183699**

Prelogin: **P834727**

PM: **526 - Chris McCord**

PB: **3-16-2021 km**

Shipped Via: **FedEx Ground**

Remarks	Sample # (lab only)
---------	---------------------

DILUTE SAMPLE	-01
	-02
	-03
	-04
	-05
	-06
	-07
	-08
	-09
	-10

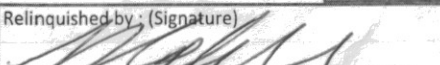
* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: **V8260BTEXMNSC = BTEX, Naphthalene, MTBE, 12-DCA**

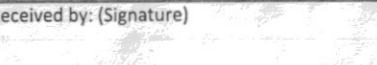
pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist	
COC Seal Present/Intact:	NP <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
COC Signed/Accurate:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Bottles arrive intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Correct bottles used:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Sufficient volume sent:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
If Applicable	
VOA Zero Headspace:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Preservation Correct/Checked:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
RAD Screen <0.5 mR/hr:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

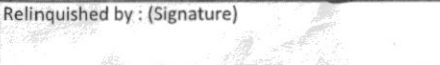
Samples returned via: UPS FedEx Courier
 Tracking # **9517 5768 9472**

Relinquished by: (Signature)


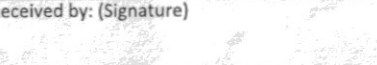
Date: **03/25/21** Time: **1730**

Received by: (Signature)


Trip Blank Received: Yes/ No
 MCL / MeoH
 TBR

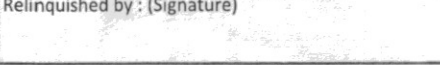
Relinquished by: (Signature)


Date: _____ Time: _____

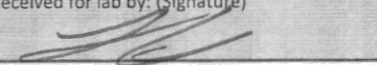
Received by: (Signature)


Temp: **16.68C** Bottles Received: **145**
2.4-2.52.2

If preservation required by Login: Date/Time

Relinquished by: (Signature)


Date: _____ Time: _____

Received for lab by: (Signature)


Date: **3/26/21** Time: **9:00**

Hold: _____ Condition: **NCF / OK**

Company Name/Address:
Kinder Morgan- Atlanta, GA
 Ten 10th Street NW
 Suite 1400
 Atlanta, GA 30309

Billing Information:
 Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005

Report to:
Bethany Garvey

Email To:
 bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
Lewis Drive Groundwater

City/State Collected:
BELTON, SC

Please Circle:
 PT MT CT ET

Phone: **404-751-5651**

Client Project #
14MLDOM21

Lab Project #
KINCH2MGA-LEWIS12

Collected by (print):
MEUSSA WARRICK

Site/Facility ID #
LEWIS DRIVE

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #

Immediately Packed on Ice N Y

Date Results Needed

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
MW-41-032521	GRAB	GW	NA	03/25/21	1025	3
MW-41-D-032521		GW			1030	3
MW-35-032521		GW			1025	7
MW-49-032521		GW			1045	3
MW-28-032521		GW			1100	7
MW-37-032521		GW			1105	3
MW-38-032521		GW			1115	3
MW-38B-032521		GW			1120	3
MW-11-032521		GW			1245	7
MW-27-032521		GW			1310	3

Analysis / Container / Preservative	Pres Chk
NITRATE,SULFATE 125mlHDPE-NoPres	<input checked="" type="checkbox"/>
ALK,CO2 125mlHDPE-NoPres	<input checked="" type="checkbox"/>
Methane - RSK175 40mlAmb HCl	<input checked="" type="checkbox"/>
Methane - RSK175 40mlAmb-HCl	<input checked="" type="checkbox"/>
V8260BTEXMNSC 40mlAmb-HCl	<input checked="" type="checkbox"/>
V8260BTEXMNSC-TB 40mlAmb-HCl-BIK	<input checked="" type="checkbox"/>

Chain of Custody Page 2 of 4

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 Phone: 615-758-5858 Alt: 800-767-5859
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SDG # **4331082**

Table #

Acctnum: **KINCH2MGA**

Template: **T183699**

Prelogin: **P834727**

PM: 526 - Chris McCord

PB: **3-16-2021**

Shipped Via: **FedEX Ground**

Remarks	Sample # (lab only)
	-11
	-12
	-13
	-14
	-15
	-16
	-17
	-18
DILUTE SAMPLE	-19
	-20

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: V8260BTEXMNSC = BTEX, Naphthalene, MTBE, 12-DCA

pH _____ Temp _____
 Flow _____ Other _____

Samples returned via: UPS FedEx Courier

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N

COC Signed/Accurate: Y N

Bottles arrive intact: Y N

Correct bottles used: Y N

Sufficient volume sent: Y N

If Applicable

VOA Zero Headpace: Y N

Preservation Correct/Checked: Y N

RAD Screen <0.5 mR/hr: Y N

Relinquished by: (Signature)

Date: **03/25/21**

Time: **1730**

Received by: (Signature)

Date: **3/26/21**

Time: **9:00**

Trip Blank Received: Yes / No
 Yes / No
 HCL / MeOH
 TBR

Temp: **24.2** °C

Bottles Received: **145**

If preservation required by Login: Date/Time

Hold:

Condition: **NCF / OK**

Company/Address:
Kinder Morgan- Atlanta, GA
 Ten 10th Street NW
 Suite 1400
 Atlanta, GA 30309

Billing Information:
 Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005

Report to:
Bethany Garvey

Email To:
 bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
Lewis Drive Groundwater

City/State Collected:
BELTON, SC

Please Circle:
 PT MT CT ET

Phone: **404-751-5651**

Client Project #
KMLD0121

Lab Project #
KINCH2MGA-LEWIS12

Collected by (print):
MELISSA WARREN

Site/Facility ID #
LEWIS DRIVE

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Quote #
 Date Results Needed

Immediately Packed on Ice N ___ Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	**NITRATE,SULFATE** 125mlHDPE-NoPres	ALK,CO2 125mlHDPE-NoPres	Methane - RSK175 40mlAmb HCl	Methane - RSK175 40mlAmb-HCl	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-BIK
MW-27B-032521	GRAB	GW	NA	03/25/21	1315	3					<input checked="" type="checkbox"/>	
MW-47-032521		GW			1345	3					<input checked="" type="checkbox"/>	
MW-31-032521		GW			1400	3					<input checked="" type="checkbox"/>	
MW-33T-032521		GW			1415	3					<input checked="" type="checkbox"/>	
MW-50B-032521		GW			1425	3					<input checked="" type="checkbox"/>	
MW-48B-032521		GW			1435	3					<input checked="" type="checkbox"/>	
MW-51-032521		GW			1445	3					<input checked="" type="checkbox"/>	
FB02-032521		GW			1500	3					<input checked="" type="checkbox"/>	
MW-02-032521		GW			1345	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
MW-02B-032521		GW			1400	3					<input checked="" type="checkbox"/>	

Pres Chk	Analysis / Container / Preservative
<input checked="" type="checkbox"/>	**NITRATE,SULFATE** 125mlHDPE-NoPres
<input checked="" type="checkbox"/>	ALK,CO2 125mlHDPE-NoPres
<input checked="" type="checkbox"/>	Methane - RSK175 40mlAmb HCl
<input checked="" type="checkbox"/>	Methane - RSK175 40mlAmb-HCl
<input checked="" type="checkbox"/>	V8260BTEXMNSC 40mlAmb-HCl
<input checked="" type="checkbox"/>	V8260BTEXMNSC-TB 40mlAmb-HCl-BIK

Chain of Custody Page 3 of 4

 12065 Lebanon Road Mt Juliet, TN 37122
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 SDG # **L1331082A**
 Table #
 Acctnum: **KINCH2MGA**
 Template: **T183699**
 Prelogin: **P834727**
 PM: **526 - Chris McCord**
 PB: **3-16-2021**
 Shipped Via: **FedEx Ground**

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: **V8260BTEXMNSC = BTEX, Naphthalene, MTBE, 12-DCA**

pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist
 COC Seal Present/Intact: Y N
 COC Signed/Accurate: Y N
 Bottles arrive intact: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
 If Applicable
 VOA Zero Headspace: Y N
 Preservation Correct/Checked: Y N
 RAD Screen <0.5 mR/hr: Y N

Samples returned via: UPS FedEx Courier Tracking #

Relinquished by: (Signature) 	Date: 03/25/21	Time: 1730	Received by: (Signature)	Trip Blank Received: 23 HCL / MeOH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 24.2 °C Bottles Received: 145
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) 	Date: 3/26/21 Time: 9:00 Hold: Condition: NCF / OK

Company Name/Address: **Kinder Morgan- Atlanta, GA**
 Ten 10th Street NW
 Suite 1400
 Atlanta, GA 30309

Billing Information:
 Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005

Report to: **Bethany Garvey**
 Email To: **bethany.garvey@jacobs.com; tom.wiley@jacobs**

Project Description: **Lewis Drive Groundwater**
 City/State Collected: **BELTON, SC**
 Please Circle: PT MT CT ET

Client Project # **KMLDOM21**
 Lab Project # **KINCH2MGA-LEWIS12**

Collected by (print): **MEUSSA WARREN**
 Site/Facility ID #
 P.O. #

Collected by (signature): *[Signature]*
 Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Immediately Packed on Ice N ___ Y Y
 Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	**NITRATE,SULFATE** 125mlHDPE-NoPres	ALK,CO2 125mlHDPE-NoPres	Methane - RSK175 40mlAmb HCl	Methane - RSK175 40mlAmb-HCl	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-BIK
MW-04-032521	GRAB	GW	NA	03/25/21	1410	7	X	X	X	X	X	
MW-03-032521	↓	GW	↓	↓	1420	7	X	X	X	X	X	
MW-05-032521	↓	GW	↓	↓	1435	3					X	
MW-06-032521	↓	GW	↓	↓	1440	3					X	
MW-06B-032521	↓	GW	↓	↓	1445	3					X	
TB03-032521	↓	GW	↓	↓	-	1						X
TB04-032521	↓	GW	↓	↓	-	1						X
		GW										
		GW										
		GW										

* Matrix: SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: **V8260BTEXMNSC = BTEX, Naphthalene, MTBE, 12-DCA**

pH _____ Temp _____
 Flow _____ Other _____

Samples returned via: UPS FedEx Courier Tracking # _____

Relinquished by: (Signature) *[Signature]* Date: **03/25/21** Time: **1730**
 Received by: (Signature) Trip Blank Received: **2** Yes/No HCl/MeOH TBR

Relinquished by: (Signature) Date: _____ Time: _____
 Received by: (Signature) Temp: **24.2** °C Bottles Received: **145**

Relinquished by: (Signature) Date: _____ Time: _____
 Received for lab by: (Signature) Date: **3/26/21** Time: **9:00**

Sample Receipt Checklist
 COC Seal Present/Intact: ___ NP ___ Y ___ N
 COC Signed/Accurate: ___ Y ___ N
 Bottles arrive intact: ___ Y ___ N
 Correct bottles used: ___ Y ___ N
 Sufficient volume sent: ___ Y ___ N
 If Applicable
 VOA Zero Headspace: ___ Y ___ N
 Preservation Correct/Checked: ___ Y ___ N
 RAD Screen <0.5 mR/hr: ___ Y ___ N

If preservation required by Login: Date/Time
 Hold: _____ Condition: **NCF / OK**

Chain of Custody Page **7** of **9**

Pace Analytical
 National Center for Testing & Innovation

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SDG # **L1331032**

Table #

Acctnum: **KINCH2MGA**
 Template: **T183699**
 Prelogin: **P834727**
 PM: **526 - Chris McCord**
 PB: **3-16-2021 GM**

Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1331500
Samples Received: 03/27/2021
Project Number: KMLDOM21
Description: Lewis Drive Groundwater
Site: LEWIS DRIVE
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:



Chris McCord
Project Manager

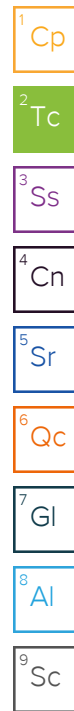
Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

MW-52-032621 L1331500-01 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 09:00

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	1	03/31/21 00:31	03/31/21 00:31	BMB	Mt. Juliet, TN

MW-14-032621 L1331500-02 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 09:20

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	1	03/31/21 00:51	03/31/21 00:51	BMB	Mt. Juliet, TN

MW-14B-032621 L1331500-03 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 09:30

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	1	03/31/21 01:11	03/31/21 01:11	BMB	Mt. Juliet, TN

MW-13-032621 L1331500-04 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 09:40

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	10	03/31/21 04:42	03/31/21 04:42	BMB	Mt. Juliet, TN

MW-13B-032621 L1331500-05 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 09:45

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	50	03/31/21 05:02	03/31/21 05:02	BMB	Mt. Juliet, TN

FB03-032621 L1331500-06 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 10:15

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	1	03/30/21 23:11	03/30/21 23:11	BMB	Mt. Juliet, TN

MW-07-032621 L1331500-07 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 08:45

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643702	10	04/01/21 01:35	04/01/21 01:35	JHH	Mt. Juliet, TN

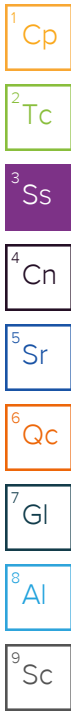
MW-18-032621 L1331500-08 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 09:00

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1644471	1	04/02/21 14:33	04/02/21 14:33	AMH	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1644471	1	04/02/21 14:33	04/02/21 14:33	AMH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641508	1	03/27/21 16:12	03/27/21 16:12	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1640295	1	03/29/21 15:58	03/29/21 15:58	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	1	03/31/21 01:31	03/31/21 01:31	BMB	Mt. Juliet, TN



SAMPLE SUMMARY

MW-09-032621 L1331500-09 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 09:30

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1644471	1	04/02/21 14:40	04/02/21 14:40	AMH	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1644471	1	04/02/21 14:40	04/02/21 14:40	AMH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641508	1	03/27/21 16:39	03/27/21 16:39	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1640295	1	03/29/21 16:00	03/29/21 16:00	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	1	03/31/21 06:39	03/31/21 06:39	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643702	50	04/01/21 01:56	04/01/21 01:56	JHH	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW-09B-032621 L1331500-10 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 09:45

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	1	03/31/21 01:51	03/31/21 01:51	BMB	Mt. Juliet, TN

MW-10-032621 L1331500-11 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 09:55

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1644471	1	04/02/21 14:48	04/02/21 14:48	AMH	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1644471	1	04/02/21 14:48	04/02/21 14:48	AMH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641508	1	03/27/21 16:52	03/27/21 16:52	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1640295	1	03/29/21 16:03	03/29/21 16:03	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	1	03/31/21 02:11	03/31/21 02:11	BMB	Mt. Juliet, TN

MW-32-032621 L1331500-12 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 10:05

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1644471	1	04/02/21 14:55	04/02/21 14:55	AMH	Mt. Juliet, TN
Wet Chemistry by Method 4500CO2 D-2011	WG1644471	1	04/02/21 14:55	04/02/21 14:55	AMH	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1641508	1	03/27/21 17:31	03/27/21 17:31	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1640295	1	03/29/21 16:07	03/29/21 16:07	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	1	03/31/21 02:31	03/31/21 02:31	BMB	Mt. Juliet, TN

MW-30-032621 L1331500-13 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 10:15

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	1	03/31/21 02:52	03/31/21 02:52	BMB	Mt. Juliet, TN

MW-54-032621 L1331500-14 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 10:25

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	1	03/31/21 03:42	03/31/21 03:42	BMB	Mt. Juliet, TN

SAMPLE SUMMARY

TB05-032621 L1331500-15 GW

Collected by
Melissa Warren

Collected date/time
03/26/21 00:00

Received date/time
03/27/21 09:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1643052	1	03/30/21 22:51	03/30/21 22:51	BMB	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/31/2021 00:31	WG1643052
Toluene	ND		1.00	1	03/31/2021 00:31	WG1643052
Ethylbenzene	ND		1.00	1	03/31/2021 00:31	WG1643052
Total Xylenes	ND		3.00	1	03/31/2021 00:31	WG1643052
Methyl tert-butyl ether	ND		1.00	1	03/31/2021 00:31	WG1643052
Naphthalene	ND		5.00	1	03/31/2021 00:31	WG1643052
1,2-Dichloroethane	ND		1.00	1	03/31/2021 00:31	WG1643052
(S) Toluene-d8	110		80.0-120		03/31/2021 00:31	WG1643052
(S) 4-Bromofluorobenzene	97.1		77.0-126		03/31/2021 00:31	WG1643052
(S) 1,2-Dichloroethane-d4	107		70.0-130		03/31/2021 00:31	WG1643052

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/31/2021 00:51	WG1643052
Toluene	ND		1.00	1	03/31/2021 00:51	WG1643052
Ethylbenzene	ND		1.00	1	03/31/2021 00:51	WG1643052
Total Xylenes	ND		3.00	1	03/31/2021 00:51	WG1643052
Methyl tert-butyl ether	ND		1.00	1	03/31/2021 00:51	WG1643052
Naphthalene	ND		5.00	1	03/31/2021 00:51	WG1643052
1,2-Dichloroethane	ND		1.00	1	03/31/2021 00:51	WG1643052
(S) Toluene-d8	110		80.0-120		03/31/2021 00:51	WG1643052
(S) 4-Bromofluorobenzene	100		77.0-126		03/31/2021 00:51	WG1643052
(S) 1,2-Dichloroethane-d4	103		70.0-130		03/31/2021 00:51	WG1643052

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	18.3		1.00	1	03/31/2021 01:11	WG1643052
Toluene	ND		1.00	1	03/31/2021 01:11	WG1643052
Ethylbenzene	ND		1.00	1	03/31/2021 01:11	WG1643052
Total Xylenes	3.50		3.00	1	03/31/2021 01:11	WG1643052
Methyl tert-butyl ether	10.6		1.00	1	03/31/2021 01:11	WG1643052
Naphthalene	ND		5.00	1	03/31/2021 01:11	WG1643052
1,2-Dichloroethane	ND		1.00	1	03/31/2021 01:11	WG1643052
(S) Toluene-d8	109		80.0-120		03/31/2021 01:11	WG1643052
(S) 4-Bromofluorobenzene	102		77.0-126		03/31/2021 01:11	WG1643052
(S) 1,2-Dichloroethane-d4	102		70.0-130		03/31/2021 01:11	WG1643052

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	209		10.0	10	03/31/2021 04:42	WG1643052
Toluene	65.1		10.0	10	03/31/2021 04:42	WG1643052
Ethylbenzene	ND		10.0	10	03/31/2021 04:42	WG1643052
Total Xylenes	147		30.0	10	03/31/2021 04:42	WG1643052
Methyl tert-butyl ether	ND		10.0	10	03/31/2021 04:42	WG1643052
Naphthalene	ND		50.0	10	03/31/2021 04:42	WG1643052
1,2-Dichloroethane	ND		10.0	10	03/31/2021 04:42	WG1643052
(S) Toluene-d8	111		80.0-120		03/31/2021 04:42	WG1643052
(S) 4-Bromofluorobenzene	103		77.0-126		03/31/2021 04:42	WG1643052
(S) 1,2-Dichloroethane-d4	106		70.0-130		03/31/2021 04:42	WG1643052

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1060		50.0	50	03/31/2021 05:02	WG1643052
Toluene	67.5		50.0	50	03/31/2021 05:02	WG1643052
Ethylbenzene	ND		50.0	50	03/31/2021 05:02	WG1643052
Total Xylenes	152		150	50	03/31/2021 05:02	WG1643052
Methyl tert-butyl ether	186		50.0	50	03/31/2021 05:02	WG1643052
Naphthalene	ND		250	50	03/31/2021 05:02	WG1643052
1,2-Dichloroethane	ND		50.0	50	03/31/2021 05:02	WG1643052
(S) Toluene-d8	111		80.0-120		03/31/2021 05:02	WG1643052
(S) 4-Bromofluorobenzene	100		77.0-126		03/31/2021 05:02	WG1643052
(S) 1,2-Dichloroethane-d4	103		70.0-130		03/31/2021 05:02	WG1643052

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 23:11	WG1643052
Toluene	ND		1.00	1	03/30/2021 23:11	WG1643052
Ethylbenzene	ND		1.00	1	03/30/2021 23:11	WG1643052
Total Xylenes	ND		3.00	1	03/30/2021 23:11	WG1643052
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 23:11	WG1643052
Naphthalene	ND		5.00	1	03/30/2021 23:11	WG1643052
1,2-Dichloroethane	ND		1.00	1	03/30/2021 23:11	WG1643052
(S) Toluene-d8	111		80.0-120		03/30/2021 23:11	WG1643052
(S) 4-Bromofluorobenzene	102		77.0-126		03/30/2021 23:11	WG1643052
(S) 1,2-Dichloroethane-d4	101		70.0-130		03/30/2021 23:11	WG1643052

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	16.5		10.0	10	04/01/2021 01:35	WG1643702
Toluene	19.9		10.0	10	04/01/2021 01:35	WG1643702
Ethylbenzene	37.0		10.0	10	04/01/2021 01:35	WG1643702
Total Xylenes	346		30.0	10	04/01/2021 01:35	WG1643702
Methyl tert-butyl ether	ND		10.0	10	04/01/2021 01:35	WG1643702
Naphthalene	ND		50.0	10	04/01/2021 01:35	WG1643702
1,2-Dichloroethane	ND		10.0	10	04/01/2021 01:35	WG1643702
(S) Toluene-d8	132	<u>J1</u>	80.0-120		04/01/2021 01:35	WG1643702
(S) 4-Bromofluorobenzene	120		77.0-126		04/01/2021 01:35	WG1643702
(S) 1,2-Dichloroethane-d4	101		70.0-130		04/01/2021 01:35	WG1643702

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	04/02/2021 14:33	WG1644471

Sample Narrative:

L1331500-08 WG1644471: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	36600	<u>T8</u>	20000	1	04/02/2021 14:33	WG1644471

Sample Narrative:

L1331500-08 WG1644471: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

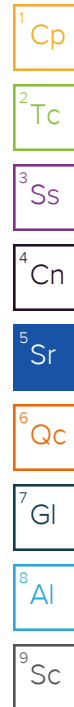
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND		100	1	03/27/2021 16:12	WG1641508
Sulfate	ND		5000	1	03/27/2021 16:12	WG1641508

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	933		10.0	1	03/29/2021 15:58	WG1640295

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1.18		1.00	1	03/31/2021 01:31	WG1643052
Toluene	4.35		1.00	1	03/31/2021 01:31	WG1643052
Ethylbenzene	ND		1.00	1	03/31/2021 01:31	WG1643052
Total Xylenes	9.70		3.00	1	03/31/2021 01:31	WG1643052
Methyl tert-butyl ether	17.1		1.00	1	03/31/2021 01:31	WG1643052
Naphthalene	34.1		5.00	1	03/31/2021 01:31	WG1643052
1,2-Dichloroethane	ND		1.00	1	03/31/2021 01:31	WG1643052
(S) Toluene-d8	107		80.0-120		03/31/2021 01:31	WG1643052
(S) 4-Bromofluorobenzene	106		77.0-126		03/31/2021 01:31	WG1643052
(S) 1,2-Dichloroethane-d4	124		70.0-130		03/31/2021 01:31	WG1643052



Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	29700		20000	1	04/02/2021 14:40	WG1644471

Sample Narrative:

L1331500-09 WG1644471: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	20300	<u>T8</u>	20000	1	04/02/2021 14:40	WG1644471

Sample Narrative:

L1331500-09 WG1644471: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

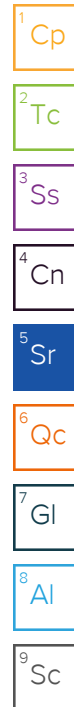
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND		100	1	03/27/2021 16:39	WG1641508
Sulfate	ND		5000	1	03/27/2021 16:39	WG1641508

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/29/2021 16:00	WG1640295

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	12.1		1.00	1	03/31/2021 06:39	WG1643052
Toluene	700		50.0	50	04/01/2021 01:56	WG1643702
Ethylbenzene	310		50.0	50	04/01/2021 01:56	WG1643702
Total Xylenes	2440		150	50	04/01/2021 01:56	WG1643702
Methyl tert-butyl ether	ND		1.00	1	03/31/2021 06:39	WG1643052
Naphthalene	49.2		5.00	1	03/31/2021 06:39	WG1643052
1,2-Dichloroethane	ND		1.00	1	03/31/2021 06:39	WG1643052
(S) Toluene-d8	111		80.0-120		03/31/2021 06:39	WG1643052
(S) Toluene-d8	99.1		80.0-120		04/01/2021 01:56	WG1643702
(S) 4-Bromofluorobenzene	100		77.0-126		03/31/2021 06:39	WG1643052
(S) 4-Bromofluorobenzene	103		77.0-126		04/01/2021 01:56	WG1643702
(S) 1,2-Dichloroethane-d4	82.5		70.0-130		03/31/2021 06:39	WG1643052
(S) 1,2-Dichloroethane-d4	107		70.0-130		04/01/2021 01:56	WG1643702



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/31/2021 01:51	WG1643052
Toluene	ND		1.00	1	03/31/2021 01:51	WG1643052
Ethylbenzene	ND		1.00	1	03/31/2021 01:51	WG1643052
Total Xylenes	4.63		3.00	1	03/31/2021 01:51	WG1643052
Methyl tert-butyl ether	ND		1.00	1	03/31/2021 01:51	WG1643052
Naphthalene	ND		5.00	1	03/31/2021 01:51	WG1643052
1,2-Dichloroethane	ND		1.00	1	03/31/2021 01:51	WG1643052
(S) Toluene-d8	110		80.0-120		03/31/2021 01:51	WG1643052
(S) 4-Bromofluorobenzene	102		77.0-126		03/31/2021 01:51	WG1643052
(S) 1,2-Dichloroethane-d4	98.9		70.0-130		03/31/2021 01:51	WG1643052

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	04/02/2021 14:48	WG1644471

Sample Narrative:

L1331500-11 WG1644471: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	23100	<u>T8</u>	20000	1	04/02/2021 14:48	WG1644471

Sample Narrative:

L1331500-11 WG1644471: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

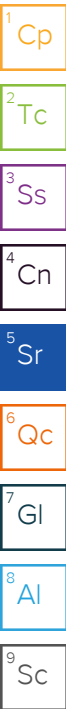
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND		100	1	03/27/2021 16:52	WG1641508
Sulfate	ND		5000	1	03/27/2021 16:52	WG1641508

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/29/2021 16:03	WG1640295

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/31/2021 02:11	WG1643052
Toluene	ND		1.00	1	03/31/2021 02:11	WG1643052
Ethylbenzene	ND		1.00	1	03/31/2021 02:11	WG1643052
Total Xylenes	ND		3.00	1	03/31/2021 02:11	WG1643052
Methyl tert-butyl ether	ND		1.00	1	03/31/2021 02:11	WG1643052
Naphthalene	ND		5.00	1	03/31/2021 02:11	WG1643052
1,2-Dichloroethane	ND		1.00	1	03/31/2021 02:11	WG1643052
(S) Toluene-d8	112		80.0-120		03/31/2021 02:11	WG1643052
(S) 4-Bromofluorobenzene	98.2		77.0-126		03/31/2021 02:11	WG1643052
(S) 1,2-Dichloroethane-d4	102		70.0-130		03/31/2021 02:11	WG1643052



Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Alkalinity	ND		20000	1	04/02/2021 14:55	WG1644471

Sample Narrative:

L1331500-12 WG1644471: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 4500CO2 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Free Carbon Dioxide	ND	<u>T8</u>	20000	1	04/02/2021 14:55	WG1644471

Sample Narrative:

L1331500-12 WG1644471: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

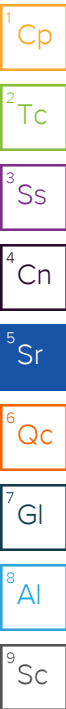
Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Nitrate as (N)	ND		100	1	03/27/2021 17:31	WG1641508
Sulfate	ND		5000	1	03/27/2021 17:31	WG1641508

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Methane	ND		10.0	1	03/29/2021 16:07	WG1640295

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/31/2021 02:31	WG1643052
Toluene	ND		1.00	1	03/31/2021 02:31	WG1643052
Ethylbenzene	ND		1.00	1	03/31/2021 02:31	WG1643052
Total Xylenes	ND		3.00	1	03/31/2021 02:31	WG1643052
Methyl tert-butyl ether	ND		1.00	1	03/31/2021 02:31	WG1643052
Naphthalene	ND		5.00	1	03/31/2021 02:31	WG1643052
1,2-Dichloroethane	ND		1.00	1	03/31/2021 02:31	WG1643052
(S) Toluene-d8	111		80.0-120		03/31/2021 02:31	WG1643052
(S) 4-Bromofluorobenzene	103		77.0-126		03/31/2021 02:31	WG1643052
(S) 1,2-Dichloroethane-d4	104		70.0-130		03/31/2021 02:31	WG1643052



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/31/2021 02:52	WG1643052
Toluene	ND		1.00	1	03/31/2021 02:52	WG1643052
Ethylbenzene	ND		1.00	1	03/31/2021 02:52	WG1643052
Total Xylenes	ND		3.00	1	03/31/2021 02:52	WG1643052
Methyl tert-butyl ether	ND		1.00	1	03/31/2021 02:52	WG1643052
Naphthalene	ND		5.00	1	03/31/2021 02:52	WG1643052
1,2-Dichloroethane	ND		1.00	1	03/31/2021 02:52	WG1643052
(S) Toluene-d8	108		80.0-120		03/31/2021 02:52	WG1643052
(S) 4-Bromofluorobenzene	97.1		77.0-126		03/31/2021 02:52	WG1643052
(S) 1,2-Dichloroethane-d4	98.9		70.0-130		03/31/2021 02:52	WG1643052

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/31/2021 03:42	WG1643052
Toluene	ND		1.00	1	03/31/2021 03:42	WG1643052
Ethylbenzene	ND		1.00	1	03/31/2021 03:42	WG1643052
Total Xylenes	ND		3.00	1	03/31/2021 03:42	WG1643052
Methyl tert-butyl ether	ND		1.00	1	03/31/2021 03:42	WG1643052
Naphthalene	ND		5.00	1	03/31/2021 03:42	WG1643052
1,2-Dichloroethane	ND		1.00	1	03/31/2021 03:42	WG1643052
(S) Toluene-d8	117		80.0-120		03/31/2021 03:42	WG1643052
(S) 4-Bromofluorobenzene	93.5		77.0-126		03/31/2021 03:42	WG1643052
(S) 1,2-Dichloroethane-d4	78.3		70.0-130		03/31/2021 03:42	WG1643052

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/30/2021 22:51	WG1643052
Toluene	ND		1.00	1	03/30/2021 22:51	WG1643052
Ethylbenzene	ND		1.00	1	03/30/2021 22:51	WG1643052
Total Xylenes	ND		3.00	1	03/30/2021 22:51	WG1643052
Methyl tert-butyl ether	ND		1.00	1	03/30/2021 22:51	WG1643052
Naphthalene	ND		5.00	1	03/30/2021 22:51	WG1643052
1,2-Dichloroethane	ND		1.00	1	03/30/2021 22:51	WG1643052
(S) Toluene-d8	114		80.0-120		03/30/2021 22:51	WG1643052
(S) 4-Bromofluorobenzene	101		77.0-126		03/30/2021 22:51	WG1643052
(S) 1,2-Dichloroethane-d4	103		70.0-130		03/30/2021 22:51	WG1643052

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) R3637706-1 04/02/21 11:01

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Alkalinity	U		8450	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1330752-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1330752-01 04/02/21 11:29 • (DUP) R3637706-3 04/02/21 11:40

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Alkalinity	106000	107000	1	0.921		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1331656-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1331656-01 04/02/21 15:02 • (DUP) R3637706-6 04/02/21 15:09

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Alkalinity	293000	296000	1	1.01		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R3637706-5 04/02/21 12:48

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Alkalinity	100000	99000	99.0	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3637706-2 04/02/21 11:01

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Free Carbon Dioxide	U		6670	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1330752-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1330752-01 04/02/21 11:29 • (DUP) R3637706-4 04/02/21 11:40

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Free Carbon Dioxide	ND	ND	1	0.000		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1331656-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1331656-01 04/02/21 15:02 • (DUP) R3637706-7 04/02/21 15:09

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Free Carbon Dioxide	24000	25800	1	7.23		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3635572-1 03/27/21 10:46

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Nitrate	ug/l		ug/l	ug/l
Nitrate	U		48.0	100
Sulfate	U		594	5000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1331500-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1331500-08 03/27/21 16:12 • (DUP) R3635572-3 03/27/21 16:25

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Nitrate	ug/l	ug/l	%	%		%
Nitrate	ND	ND	1	0.000		15
Sulfate	ND	ND	1	0.000		15

L1331529-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1331529-07 03/27/21 21:06 • (DUP) R3635572-9 03/28/21 10:44

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Nitrate	ug/l	ug/l	%	%		%
Nitrate	ND	ND	1	0.000		15
Sulfate	74700	74800	1	0.211		15

Laboratory Control Sample (LCS)

(LCS) R3635572-2 03/27/21 10:59

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Nitrate	ug/l	ug/l	%	%	
Nitrate	8000	7900	98.7	80.0-120	
Sulfate	40000	39100	97.8	80.0-120	

L1331500-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1331500-11 03/27/21 16:52 • (MS) R3635572-4 03/27/21 17:05 • (MSD) R3635572-5 03/27/21 17:18

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Nitrate	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Nitrate	5000	ND	4690	4910	93.9	98.2	1	80.0-120			4.48	15
Sulfate	50000	ND	48400	50500	96.8	101	1	80.0-120			4.22	15

L1331529-07 Original Sample (OS) • Matrix Spike (MS)

(OS) L1331529-07 03/27/21 21:06 • (MS) R3635572-8 03/27/21 22:34

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate	5000	ND	4860	97.3	1	80.0-120	
Sulfate	50000	74700	123000	96.1	1	80.0-120	E

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3635936-2 03/29/21 15:51

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Methane	U		2.91	10.0

1 Cp

2 Tc

3 Ss

L1329375-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1329375-10 03/29/21 16:16 • (DUP) R3635936-3 03/29/21 16:33

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Methane	907	927	1	2.18		20

4 Cn

5 Sr

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3635936-1 03/29/21 15:44 • (LCSD) R3635936-4 03/29/21 17:10

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Methane	67.8	70.4	71.3	104	105	85.0-115			1.27	20

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3636839-2 03/30/21 20:39

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	108			80.0-120
(S) 4-Bromofluorobenzene	97.1			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3636839-1 03/30/21 19:59

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	5.07	101	70.0-130	
1,2-Dichloroethane	5.00	5.31	106	70.0-130	
Ethylbenzene	5.00	5.53	111	70.0-130	
Methyl tert-butyl ether	5.00	4.85	97.0	70.0-130	
Naphthalene	5.00	5.48	110	70.0-130	
Toluene	5.00	5.65	113	70.0-130	
Xylenes, Total	15.0	15.5	103	70.0-130	
(S) Toluene-d8			110	80.0-120	
(S) 4-Bromofluorobenzene			101	77.0-126	
(S) 1,2-Dichloroethane-d4			107	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3636985-2 03/31/21 20:17

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	97.8			80.0-120
(S) 4-Bromofluorobenzene	101			77.0-126
(S) 1,2-Dichloroethane-d4	114			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3636985-1 03/31/21 19:37

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	4.84	96.8	70.0-130	
1,2-Dichloroethane	5.00	5.43	109	70.0-130	
Ethylbenzene	5.00	4.91	98.2	70.0-130	
Methyl tert-butyl ether	5.00	5.18	104	70.0-130	
Naphthalene	5.00	5.04	101	70.0-130	
Toluene	5.00	4.51	90.2	70.0-130	
Xylenes, Total	15.0	14.4	96.0	70.0-130	
(S) Toluene-d8			96.9	80.0-120	
(S) 4-Bromofluorobenzene			103	77.0-126	
(S) 1,2-Dichloroethane-d4			118	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

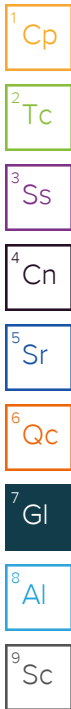
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
T8	Sample(s) received past/too close to holding time expiration.



ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Kinder Morgan- Atlanta, GA
 Ten 10th Street NW
 Suite 1400
 Atlanta GA 30309

Report to:
Bethany Garvey

Project Description: **Lewis Drive Groundwater**

City/State Collected: **BELTON, SC**

Billing Information:
 Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005

Email To:
 bethany.garvey@jacobs.com;tom.wiley@jacobs.com

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pres Chk:

SDG # **1331500**
E184

Table #

Acctnum: **KINCH2MGA**
 Template: **T155769**
 Prelogin: **P758897**
 PM: **526 - Chris McCord**
 PB:
 Shipped Via: **FedEX Ground**

Remarks Sample # (lab only)



Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	**NITRATE,SULFATE** 125mlHDPE-NoPres	ALK,CO2 125mlHDPE-NoPres	Methane - RSK175 40mlAmb HCl	SULFATE 125mlHDPE-NoPres	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Bik
MW-52-032621	GRAB	GW	NA	03/26/21	0900	3					<input checked="" type="checkbox"/>	
MW-14-032621		GW			0920	3					<input checked="" type="checkbox"/>	
MW-14B-032621		GW			0930	3					<input checked="" type="checkbox"/>	
MW-13-032621		GW			0940	3					<input checked="" type="checkbox"/>	
MW-13B-032621		GW			0945	3					<input checked="" type="checkbox"/>	
EB03-032621		GW			1015	3					<input checked="" type="checkbox"/>	
MW-07-032621		GW			0845	3					<input checked="" type="checkbox"/>	
MW-18-032621		GW			0900	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
MW-09-032621		GW			0930	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
MW-09B-032621		GW			0945	3					<input checked="" type="checkbox"/>	

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: **V8260BTEXMNSC=BTEX, MTBE, Naphthalene, and 1,2-DCA.**

pH _____ Temp _____
 Flow _____ Other _____

Samples returned via:
 UPS FedEx Courier

Tracking # **951757689610**

Relinquished by: (Signature) *[Signature]* Date: **03/26/21** Time: **1200**

Received by: (Signature) Trip Blank Received: Yes/No
 HCL/MeOH
 TBR

Relinquished by: (Signature) Date: _____ Time: _____

Received by: (Signature) Temp: **46.60 °C** Bottles Received: **58**

Relinquished by: (Signature) Date: _____ Time: _____

Received for lab by: (Signature) Date: **3-27-21** Time: **9:05**

Hold: _____ Condition: **NCF / 08**

Sample Receipt Checklist
 COC Seal Present/Intact: NP Y N
 COC Signed/Accurate: Y N
 Bottles arrive intact: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
 If Applicable
 VOA Zero Headspace: Y N
 Preservation Correct/Checked: Y N
 RAD Screen <0.5 mR/hr: Y N

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400

Atlanta GA 30309

Report to:
Bethany Garvey

Billing Information:

Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Email To:
bethany.garvey@jacobs.com;tom.wiley@jacobs.co

Pres
Chk

Analysis / Container / Preservative



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



Project
Description: **Lewis Drive Groundwater**

City/State Collected: **BELTON, SC**

Please Circle:
PT MT CT ET

Phone: **770-604-9182**
Fax:

Client Project #
KMLDO M21

Lab Project #
KINCH2MGA-LEWIS12

Collected by (print):
MELISSA WARREN

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)

Quote #

Immediately
Packed on Ice N Y

Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Date Results Needed

No.
of
Cnts

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cnts	**NITRATE,SULFATE** 125mlHDPE-NoPres	ALK,CO2 125mlHDPE-NoPres	Methane - RSK175 40mlAmb HCl	SULFATE 125mlHDPE-NoPres	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Bik
MW-10-032621	GRAB	GW	NA	03/26/21	0955	7	X	X	X	X	X	
MW-32-032621	↓	GW	↓	↓	1005	7	X	X	X	X	X	
MW-30-032621	↓	GW	↓	↓	1015	3	X	X	X	X	X	
MW-54-032621	↓	GW	↓	↓	1025	3	X	X	X	X	X	
TBOS-032621	↓	GW	↓	↓	—	1						X
		GW										
		GW										
		GW										
		GW										
		GW										

SDG # **1331800**

Table #

Acctnum: **KINCH2MGA**

Template: **T155769**

Prelogin: **P758897**

PM: **526 - Chris McCord**

PB:

Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: V8260BTEXMNSC=BTEX, MTBE, Naphthalene, and 1,2-DCA.

pH _____ Temp _____

Flow _____ Other _____

Sample Receipt Checklist	
COC Seal Present/Intact:	NP <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
COC Signed/Accurate:	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Bottles arrive intact:	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Correct bottles used:	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Sufficient volume sent:	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
If Applicable	
VOA Zero Headspace:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Preservation Correct/Checked:	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
RAD Screen <0.5 mR/hr:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>

Relinquished by: (Signature) <i>[Signature]</i>	Date: 03/26/21	Time: 1200	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0460 °C Bottles Received: 58 2.3 ± 0.23
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 3/27/21 Time: 9145 Hold: Condition: NCF / OK

Erica McNeese

Subject: RE: [EXTERNAL] Pace Analytical National Login for KMLDOM21 Lewis Drive Groundwater L1331500

-----Original Message-----

From: Garvey, Bethany/ATL <Bethany.Garvey@jacobs.com>

Sent: Monday, March 29, 2021 8:39 AM

To: Erica McNeese <Erica.McNeese@pacelabs.com>; Chris McCord <Chris.McCord@pacelabs.com>

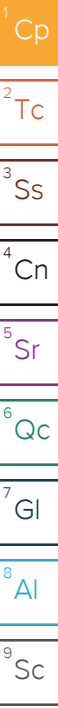
Subject: RE: [EXTERNAL] Pace Analytical National Login for KMLDOM21 Lewis Drive Groundwater L1331500

CAUTION: This email originated from outside Pace Analytical. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you, Erica. I double checked MW-30 and MW-54 on our end and those two samples were only supposed to be collected for VOCs, so the COC is incorrect.

Thanks,
Bethany

January 04, 2021



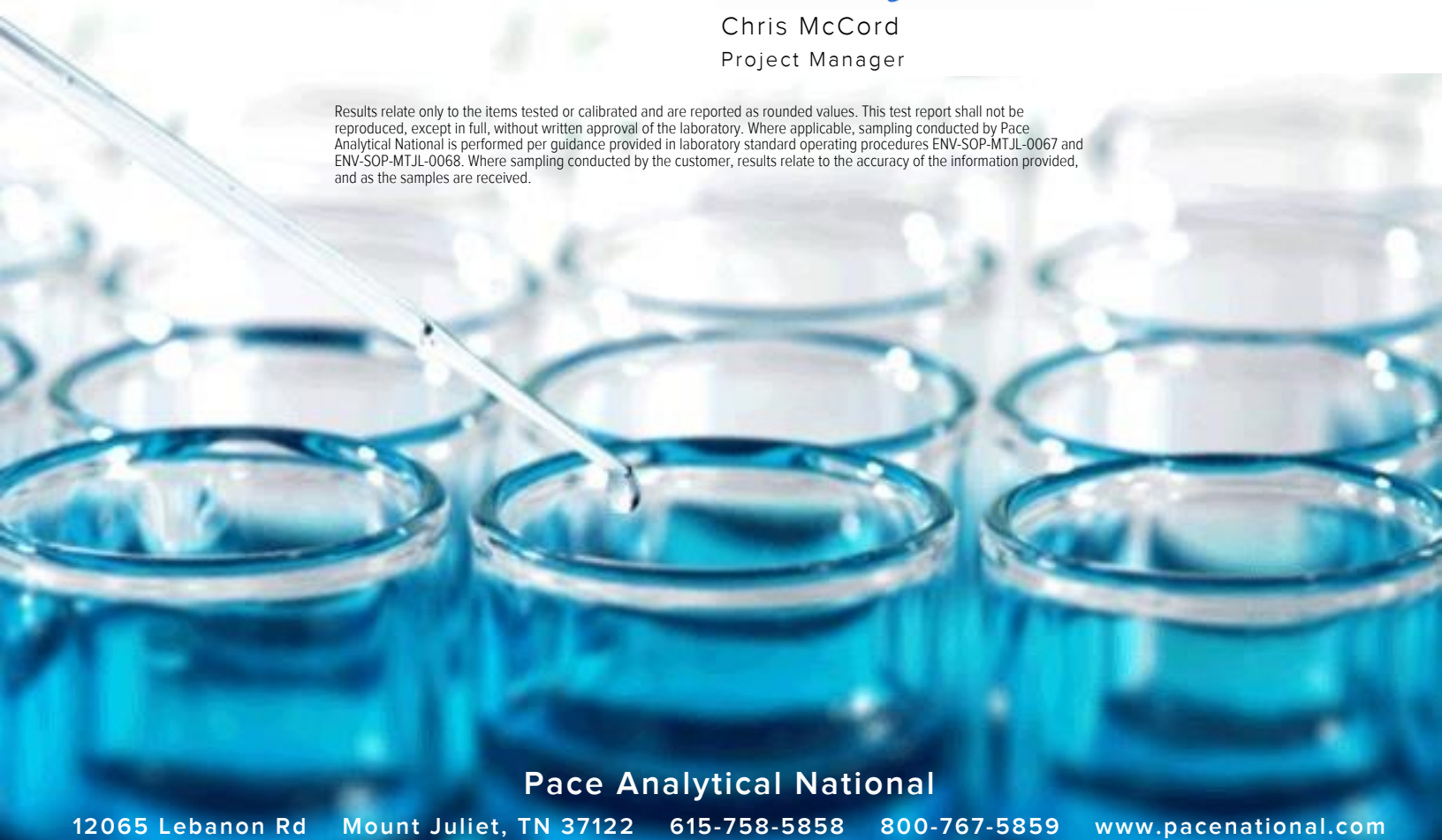
Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1298888
Samples Received: 12/18/2020
Project Number: KMLDOM20 B.CS.GEN.LD
Description: Lewis Drive Surface Water
Site: LEWIS DRIVE
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com



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SW13-121720 L1298888-05	10	⁶Qc
SW04-121720 L1298888-06	11	
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SAMPLE SUMMARY

SW11-121720 L1298888-01 GW

Collected by
Melissa Warren

Collected date/time
12/17/20 10:30

Received date/time
12/18/20 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1596424	1	12/23/20 06:14	12/23/20 06:14	DWR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

SW10-121720 L1298888-02 GW

Collected by
Melissa Warren

Collected date/time
12/17/20 10:40

Received date/time
12/18/20 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1596424	1	12/23/20 06:35	12/23/20 06:35	DWR	Mt. Juliet, TN

SW09-121720 L1298888-03 GW

Collected by
Melissa Warren

Collected date/time
12/17/20 10:50

Received date/time
12/18/20 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1596424	1	12/23/20 06:55	12/23/20 06:55	DWR	Mt. Juliet, TN

SW08-121720 L1298888-04 GW

Collected by
Melissa Warren

Collected date/time
12/17/20 11:00

Received date/time
12/18/20 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1596424	1	12/23/20 07:16	12/23/20 07:16	DWR	Mt. Juliet, TN

SW13-121720 L1298888-05 GW

Collected by
Melissa Warren

Collected date/time
12/17/20 12:25

Received date/time
12/18/20 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1596424	1	12/23/20 07:37	12/23/20 07:37	DWR	Mt. Juliet, TN

SW04-121720 L1298888-06 GW

Collected by
Melissa Warren

Collected date/time
12/17/20 12:35

Received date/time
12/18/20 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1596424	1	12/23/20 08:00	12/23/20 08:00	DWR	Mt. Juliet, TN

SW02-121720 L1298888-07 GW

Collected by
Melissa Warren

Collected date/time
12/17/20 12:45

Received date/time
12/18/20 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1596424	1	12/23/20 08:21	12/23/20 08:21	DWR	Mt. Juliet, TN

SW07-121720 L1298888-08 GW

Collected by
Melissa Warren

Collected date/time
12/17/20 12:55

Received date/time
12/18/20 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1596424	1	12/23/20 08:41	12/23/20 08:41	DWR	Mt. Juliet, TN

SAMPLE SUMMARY

SW12-121720 L1298888-09 GW

Collected by
Melissa Warren

Collected date/time
12/17/20 13:00

Received date/time
12/18/20 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1596424	1	12/23/20 09:02	12/23/20 09:02	DWR	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SW03-121720 L1298888-10 GW

Collected by
Melissa Warren

Collected date/time
12/17/20 13:10

Received date/time
12/18/20 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1596424	1	12/23/20 09:22	12/23/20 09:22	DWR	Mt. Juliet, TN

SW05-121720 L1298888-11 GW

Collected by
Melissa Warren

Collected date/time
12/17/20 13:30

Received date/time
12/18/20 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1596424	1	12/23/20 09:43	12/23/20 09:43	DWR	Mt. Juliet, TN

TB01-121720 L1298888-12 GW

Collected by
Melissa Warren

Collected date/time
12/17/20 00:00

Received date/time
12/18/20 11:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1598825	1	12/30/20 13:24	12/30/20 13:24	BMB	Mt. Juliet, TN



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/23/2020 06:14	WG1596424
Toluene	ND		1.00	1	12/23/2020 06:14	WG1596424
Ethylbenzene	ND		1.00	1	12/23/2020 06:14	WG1596424
o-Xylene	ND		1.00	1	12/23/2020 06:14	WG1596424
m&p-Xylene	ND		2.00	1	12/23/2020 06:14	WG1596424
Total Xylenes	ND		3.00	1	12/23/2020 06:14	WG1596424
Methyl tert-butyl ether	ND		1.00	1	12/23/2020 06:14	WG1596424
Naphthalene	ND		5.00	1	12/23/2020 06:14	WG1596424
(S) Toluene-d8	104		80.0-120		12/23/2020 06:14	WG1596424
(S) 4-Bromofluorobenzene	103		77.0-126		12/23/2020 06:14	WG1596424
(S) 1,2-Dichloroethane-d4	97.4		70.0-130		12/23/2020 06:14	WG1596424

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/23/2020 06:35	WG1596424
Toluene	ND		1.00	1	12/23/2020 06:35	WG1596424
Ethylbenzene	ND		1.00	1	12/23/2020 06:35	WG1596424
o-Xylene	ND		1.00	1	12/23/2020 06:35	WG1596424
m&p-Xylene	ND		2.00	1	12/23/2020 06:35	WG1596424
Total Xylenes	ND		3.00	1	12/23/2020 06:35	WG1596424
Methyl tert-butyl ether	ND		1.00	1	12/23/2020 06:35	WG1596424
Naphthalene	ND		5.00	1	12/23/2020 06:35	WG1596424
(S) Toluene-d8	105		80.0-120		12/23/2020 06:35	WG1596424
(S) 4-Bromofluorobenzene	104		77.0-126		12/23/2020 06:35	WG1596424
(S) 1,2-Dichloroethane-d4	99.0		70.0-130		12/23/2020 06:35	WG1596424

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/23/2020 06:55	WG1596424
Toluene	ND		1.00	1	12/23/2020 06:55	WG1596424
Ethylbenzene	ND		1.00	1	12/23/2020 06:55	WG1596424
o-Xylene	ND		1.00	1	12/23/2020 06:55	WG1596424
m&p-Xylene	ND		2.00	1	12/23/2020 06:55	WG1596424
Total Xylenes	ND		3.00	1	12/23/2020 06:55	WG1596424
Methyl tert-butyl ether	ND		1.00	1	12/23/2020 06:55	WG1596424
Naphthalene	ND		5.00	1	12/23/2020 06:55	WG1596424
(S) Toluene-d8	108		80.0-120		12/23/2020 06:55	WG1596424
(S) 4-Bromofluorobenzene	104		77.0-126		12/23/2020 06:55	WG1596424
(S) 1,2-Dichloroethane-d4	99.5		70.0-130		12/23/2020 06:55	WG1596424

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/23/2020 07:16	WG1596424
Toluene	ND		1.00	1	12/23/2020 07:16	WG1596424
Ethylbenzene	ND		1.00	1	12/23/2020 07:16	WG1596424
o-Xylene	ND		1.00	1	12/23/2020 07:16	WG1596424
m&p-Xylene	ND		2.00	1	12/23/2020 07:16	WG1596424
Total Xylenes	ND		3.00	1	12/23/2020 07:16	WG1596424
Methyl tert-butyl ether	ND		1.00	1	12/23/2020 07:16	WG1596424
Naphthalene	ND		5.00	1	12/23/2020 07:16	WG1596424
(S) Toluene-d8	104		80.0-120		12/23/2020 07:16	WG1596424
(S) 4-Bromofluorobenzene	100		77.0-126		12/23/2020 07:16	WG1596424
(S) 1,2-Dichloroethane-d4	104		70.0-130		12/23/2020 07:16	WG1596424

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/23/2020 07:37	WG1596424
Toluene	ND		1.00	1	12/23/2020 07:37	WG1596424
Ethylbenzene	ND		1.00	1	12/23/2020 07:37	WG1596424
o-Xylene	ND		1.00	1	12/23/2020 07:37	WG1596424
m&p-Xylene	ND		2.00	1	12/23/2020 07:37	WG1596424
Total Xylenes	ND		3.00	1	12/23/2020 07:37	WG1596424
Methyl tert-butyl ether	1.55		1.00	1	12/23/2020 07:37	WG1596424
Naphthalene	ND		5.00	1	12/23/2020 07:37	WG1596424
(S) Toluene-d8	102		80.0-120		12/23/2020 07:37	WG1596424
(S) 4-Bromofluorobenzene	103		77.0-126		12/23/2020 07:37	WG1596424
(S) 1,2-Dichloroethane-d4	99.6		70.0-130		12/23/2020 07:37	WG1596424

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/23/2020 08:00	WG1596424
Toluene	ND		1.00	1	12/23/2020 08:00	WG1596424
Ethylbenzene	ND		1.00	1	12/23/2020 08:00	WG1596424
o-Xylene	ND		1.00	1	12/23/2020 08:00	WG1596424
m&p-Xylene	ND		2.00	1	12/23/2020 08:00	WG1596424
Total Xylenes	ND		3.00	1	12/23/2020 08:00	WG1596424
Methyl tert-butyl ether	ND		1.00	1	12/23/2020 08:00	WG1596424
Naphthalene	ND		5.00	1	12/23/2020 08:00	WG1596424
(S) Toluene-d8	102		80.0-120		12/23/2020 08:00	WG1596424
(S) 4-Bromofluorobenzene	106		77.0-126		12/23/2020 08:00	WG1596424
(S) 1,2-Dichloroethane-d4	102		70.0-130		12/23/2020 08:00	WG1596424

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	16.1		1.00	1	12/23/2020 08:21	WG1596424
Toluene	ND		1.00	1	12/23/2020 08:21	WG1596424
Ethylbenzene	ND		1.00	1	12/23/2020 08:21	WG1596424
o-Xylene	2.81		1.00	1	12/23/2020 08:21	WG1596424
m&p-Xylene	ND		2.00	1	12/23/2020 08:21	WG1596424
Total Xylenes	ND		3.00	1	12/23/2020 08:21	WG1596424
Methyl tert-butyl ether	1.75		1.00	1	12/23/2020 08:21	WG1596424
Naphthalene	ND		5.00	1	12/23/2020 08:21	WG1596424
(S) Toluene-d8	106		80.0-120		12/23/2020 08:21	WG1596424
(S) 4-Bromofluorobenzene	107		77.0-126		12/23/2020 08:21	WG1596424
(S) 1,2-Dichloroethane-d4	102		70.0-130		12/23/2020 08:21	WG1596424

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/23/2020 08:41	WG1596424
Toluene	ND		1.00	1	12/23/2020 08:41	WG1596424
Ethylbenzene	ND		1.00	1	12/23/2020 08:41	WG1596424
o-Xylene	ND		1.00	1	12/23/2020 08:41	WG1596424
m&p-Xylene	ND		2.00	1	12/23/2020 08:41	WG1596424
Total Xylenes	ND		3.00	1	12/23/2020 08:41	WG1596424
Methyl tert-butyl ether	ND		1.00	1	12/23/2020 08:41	WG1596424
Naphthalene	ND		5.00	1	12/23/2020 08:41	WG1596424
(S) Toluene-d8	103		80.0-120		12/23/2020 08:41	WG1596424
(S) 4-Bromofluorobenzene	101		77.0-126		12/23/2020 08:41	WG1596424
(S) 1,2-Dichloroethane-d4	103		70.0-130		12/23/2020 08:41	WG1596424

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/23/2020 09:02	WG1596424
Toluene	ND		1.00	1	12/23/2020 09:02	WG1596424
Ethylbenzene	ND		1.00	1	12/23/2020 09:02	WG1596424
o-Xylene	ND		1.00	1	12/23/2020 09:02	WG1596424
m&p-Xylene	ND		2.00	1	12/23/2020 09:02	WG1596424
Total Xylenes	ND		3.00	1	12/23/2020 09:02	WG1596424
Methyl tert-butyl ether	ND		1.00	1	12/23/2020 09:02	WG1596424
Naphthalene	ND		5.00	1	12/23/2020 09:02	WG1596424
(S) Toluene-d8	106		80.0-120		12/23/2020 09:02	WG1596424
(S) 4-Bromofluorobenzene	105		77.0-126		12/23/2020 09:02	WG1596424
(S) 1,2-Dichloroethane-d4	104		70.0-130		12/23/2020 09:02	WG1596424

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/23/2020 09:22	WG1596424
Toluene	ND		1.00	1	12/23/2020 09:22	WG1596424
Ethylbenzene	ND		1.00	1	12/23/2020 09:22	WG1596424
o-Xylene	ND		1.00	1	12/23/2020 09:22	WG1596424
m&p-Xylene	ND		2.00	1	12/23/2020 09:22	WG1596424
Total Xylenes	ND		3.00	1	12/23/2020 09:22	WG1596424
Methyl tert-butyl ether	ND		1.00	1	12/23/2020 09:22	WG1596424
Naphthalene	ND		5.00	1	12/23/2020 09:22	WG1596424
(S) Toluene-d8	106		80.0-120		12/23/2020 09:22	WG1596424
(S) 4-Bromofluorobenzene	102		77.0-126		12/23/2020 09:22	WG1596424
(S) 1,2-Dichloroethane-d4	101		70.0-130		12/23/2020 09:22	WG1596424

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/23/2020 09:43	WG1596424
Toluene	ND		1.00	1	12/23/2020 09:43	WG1596424
Ethylbenzene	ND		1.00	1	12/23/2020 09:43	WG1596424
o-Xylene	ND		1.00	1	12/23/2020 09:43	WG1596424
m&p-Xylene	ND		2.00	1	12/23/2020 09:43	WG1596424
Total Xylenes	ND		3.00	1	12/23/2020 09:43	WG1596424
Methyl tert-butyl ether	ND		1.00	1	12/23/2020 09:43	WG1596424
Naphthalene	ND		5.00	1	12/23/2020 09:43	WG1596424
(S) Toluene-d8	105		80.0-120		12/23/2020 09:43	WG1596424
(S) 4-Bromofluorobenzene	101		77.0-126		12/23/2020 09:43	WG1596424
(S) 1,2-Dichloroethane-d4	102		70.0-130		12/23/2020 09:43	WG1596424

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	12/30/2020 13:24	WG1598825
Toluene	ND		1.00	1	12/30/2020 13:24	WG1598825
Ethylbenzene	ND		1.00	1	12/30/2020 13:24	WG1598825
o-Xylene	ND		1.00	1	12/30/2020 13:24	WG1598825
m&p-Xylene	ND		2.00	1	12/30/2020 13:24	WG1598825
Total Xylenes	ND		3.00	1	12/30/2020 13:24	WG1598825
Methyl tert-butyl ether	ND		1.00	1	12/30/2020 13:24	WG1598825
Naphthalene	ND		5.00	1	12/30/2020 13:24	WG1598825
(S) Toluene-d8	100		80.0-120		12/30/2020 13:24	WG1598825
(S) 4-Bromofluorobenzene	96.4		77.0-126		12/30/2020 13:24	WG1598825
(S) 1,2-Dichloroethane-d4	99.4		70.0-130		12/30/2020 13:24	WG1598825

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Method Blank (MB)

(MB) R3607390-2 12/23/20 03:37

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
o-Xylene	U		0.174	1.00
m&p-Xylenes	U		0.430	2.00
(S) Toluene-d8	104			80.0-120
(S) 4-Bromofluorobenzene	104			77.0-126
(S) 1,2-Dichloroethane-d4	101			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R3607390-1 12/23/20 02:55

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	4.77	95.4	70.0-130	
Ethylbenzene	5.00	4.65	93.0	70.0-130	
Methyl tert-butyl ether	5.00	4.57	91.4	70.0-130	
Naphthalene	5.00	4.61	92.2	70.0-130	
Toluene	5.00	4.77	95.4	70.0-130	
Xylenes, Total	15.0	13.6	90.7	70.0-130	
o-Xylene	5.00	4.57	91.4	70.0-130	
m&p-Xylenes	10.0	9.00	90.0	70.0-130	
(S) Toluene-d8			105	80.0-120	
(S) 4-Bromofluorobenzene			104	77.0-126	
(S) 1,2-Dichloroethane-d4			100	70.0-130	



Method Blank (MB)

(MB) R3609054-3 12/30/20 12:36

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
o-Xylene	U		0.174	1.00
m&p-Xylenes	U		0.430	2.00
(S) Toluene-d8	95.8			80.0-120
(S) 4-Bromofluorobenzene	96.2			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3609054-1 12/30/20 10:49 • (LCSD) R3609054-2 12/30/20 11:09

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	5.00	5.18	5.41	104	108	70.0-130			4.34	20
Ethylbenzene	5.00	4.82	4.75	96.4	95.0	70.0-130			1.46	20
Methyl tert-butyl ether	5.00	5.50	5.40	110	108	70.0-130			1.83	20
Naphthalene	5.00	4.80	4.58	96.0	91.6	70.0-130			4.69	20
Toluene	5.00	4.63	4.60	92.6	92.0	70.0-130			0.650	20
Xylenes, Total	15.0	13.8	13.6	92.0	90.7	70.0-130			1.46	20
o-Xylene	5.00	4.43	4.59	88.6	91.8	70.0-130			3.55	20
m&p-Xylenes	10.0	9.34	8.96	93.4	89.6	70.0-130			4.15	20
(S) Toluene-d8				94.5	90.8	80.0-120				
(S) 4-Bromofluorobenzene				91.8	90.0	77.0-126				
(S) 1,2-Dichloroethane-d4				101	105	70.0-130				



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
 * Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana ¹	LA180010	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA

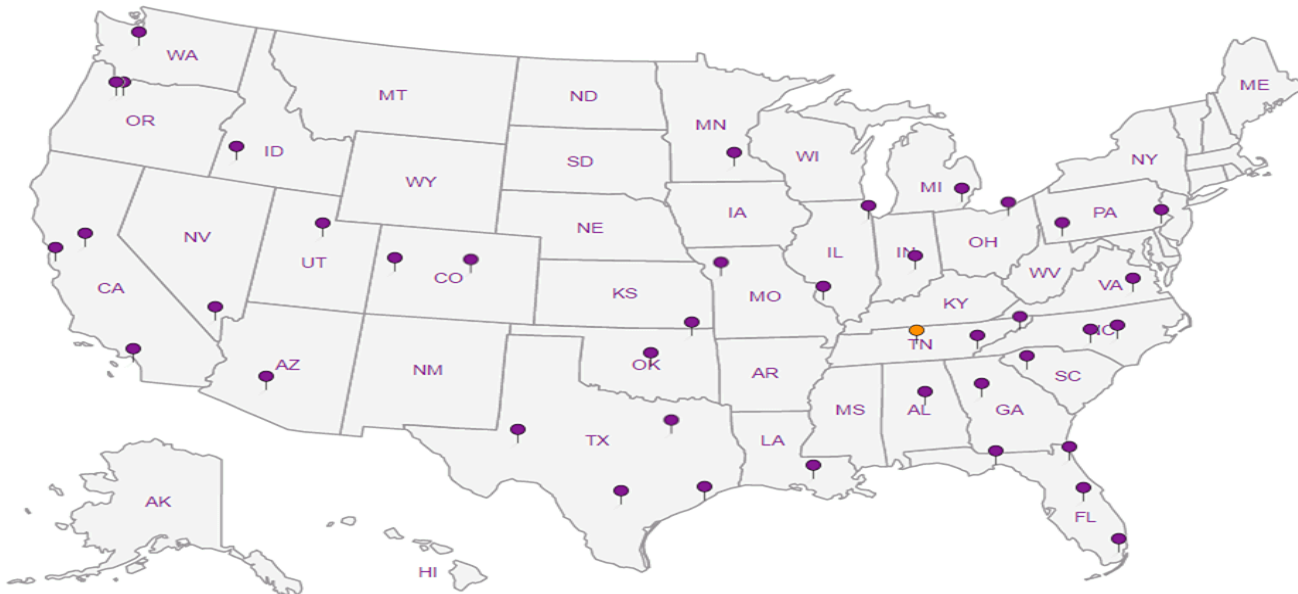
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Kindert Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400
Atlanta GA 30309

Billing Information:

Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Pres
Chk

Report to:
Bethany Garvey

Email To:
bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
Lewis Drive Surface Water

City/State
Collected: **BELTON, SC**

Please Circle:
PT MT CT ET

Phone: 770-604-9182

Client Project #
KMLDOM20
B. CS. GEN. LDOMR. SW

Lab Project #
KINCH2MGA-LEWIS

Collected by (print):
MELISSA WARREN

Site/Facility ID #
LEWIS DRIVE

P.O. #

Collected by (signature):
Melissa Warren

Rush? (Lab MUST Be Notified)

Quote #

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

Date Results Needed

Immediately
Packed on Ice N Y **X**

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
SW11-121720	GRAB	GW	NA	12/17/20	1030	3
SW10-121720	↓	GW	↓	↓	↓	3
SW09-121720		GW				3
SW08-121720		GW				3
SW13-121720		GW				3
SW04-121720		GW				3
SW02-121720		GW				3
SW07-121710		GW				3
SW12-121720		GW				3
SW03-121720		GW				3

V8260BTEXMNSC 40mlAmb-HCI

Analysis / Container / Preservative



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



SDG # **1298888**

J204

Acctnum: KINCH2MGA

Template: T146014

Prelogin: P808213

PM: 526 - Chris McCord

PB: **11-3-2020**

Shipped Via: **FedEX Ground**

Remarks Sample # (lab only)

-01
-02
-03
-04
-05
-06
-07
-08
-09
-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

PLEASE SEND INVOICE TO:
TURNERSE-BOOKER@KINDERMORGAN.COM
GREG-DEMPSEY@KINDERMORGAN.COM

pH _____ Temp _____

Flow _____ Other _____

Sample Receipt Checklist

COC Seal Present/Intact: NP N
COC Signed/Accurate: N
Bottles arrive intact: N
Correct bottles used: N
Sufficient volume sent: N
If Applicable
VOA Zero Headspace: N
Preservation Correct/Checked: N
RAD Screen <0.5 mR/hr: N

Samples returned via:
UPS FedEx Courier

Tracking # **934816001011**

Relinquished by: (Signature)

Date: **12/17/20** Time: **1500**

Received by: (Signature)

Trip Blank Received: Yes / No
 HCl / MeOH
 TBA

Relinquished by: (Signature)

Date: _____ Time: _____

Received by: (Signature)

Temp: **14-13.3** °C
Bottles Received: **33**

Relinquished by: (Signature)

Date: _____ Time: _____

Received by: (Signature)

Date: **12/18/20** Time: **1115**

Hold: _____ Condition: **NCF / OK**

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400
Atlanta GA 30309

Billing Information:

Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Pres
Chk

Analysis / Container / Preservative



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



Report to:
Bethany Garvey

Email To:
bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
Lewis Drive Surface Water

City/State
Collected: **BELTON, SC**

Please Circle:
PT MT CT ET

Phone: **770-604-9182**

Client Project #
K MLDCM20
B. CS. GEN. I. DOME. SW

Lab Project #
KINCH2MGA-LEWIS

Collected by (print):
MELISSA WAMER

Site/Facility ID #
LEWIS DRIVE

P.O. #

Collected by (signature):
[Signature]

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #

Immediately
Packed on Ice N Y

Date Results Needed

No.
of
Cnts

V8260BTEXMNSC 40mi/Amb-HCI

TRIP BLANK

SDG # **1298888**

Table #

Acctnum: **KINCH2MGA**

Template: **T146014**

Prelogin: **P808213**

PM: **526 - Chris McCord**

PB: **11-3-2020**

Shipped Via: **FedEX Ground**

Remarks	Sample # (lab only)
	11

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cnts										
SW05-121720	1330	GW				3	X									
TB01-121720	1400	GW			1400	1	X									
		GW														
		GW														
		GW														

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: **PLEASE SEND INVOICE TO: BTEX, MTBE, AND NAPHTHAENE**
TURNERSE-BOOKER@KINDERMORGAN.COM
GREG-DUMPSY@KINDERMORGAN.COM

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N

COC Signed/Accurate: Y N

Bottles arrive intact: Y N

Correct bottles used: Y N

Sufficient volume sent: Y N

If Applicable

VOA Zero Headspace: Y N

Preservation Correct/Checked: Y N

RAD Screen <0.5 mR/hr: Y N

Samples returned via: UPS FedEx Courier

Tracking #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes/No	Temp: (HCL/MeOH/TBR)	Bottles Received:	If preservation required by Login: Date/Time
<i>[Signature]</i>	12/17/20	1500				1.4, 1.3, 3.5	

Date: 12/18/20 Time: 1115

Hold:

Condition: NCF 1 OK

January 28, 2021

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1308943
Samples Received: 01/21/2021
Project Number: KMLDOM21 B.CS.GEN.LD
Description: Lewis Drive Surface Water

Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:

Erica McNeese
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com



Cp: Cover Page	1	1 Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	2 Tc
Cn: Case Narrative	5	
Sr: Sample Results	6	3 Ss
SW05-012021 L1308943-01	6	
SW11-012021 L1308943-02	7	4 Cn
SW10-012021 L1308943-03	8	5 Sr
SW09-012021 L1308943-04	9	
SW08-012021 L1308943-05	10	6 Qc
SW13-012021 L1308943-06	11	
SW04-012021 L1308943-07	12	7 Gl
SW02-012021 L1308943-08	13	8 Al
SW07-012021 L1308943-09	14	
SW03-012021 L1308943-10	15	9 Sc
Qc: Quality Control Summary	16	
Volatile Organic Compounds (GC/MS) by Method 8260D	16	
Gl: Glossary of Terms	17	
Al: Accreditations & Locations	18	
Sc: Sample Chain of Custody	19	

SAMPLE SUMMARY

SW05-012021 L1308943-01 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 13:00

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610059	1	01/22/21 12:36	01/22/21 12:36	BMB	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SW11-012021 L1308943-02 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 13:15

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610059	1	01/22/21 12:56	01/22/21 12:56	BMB	Mt. Juliet, TN

SW10-012021 L1308943-03 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 13:25

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610059	1	01/22/21 13:16	01/22/21 13:16	BMB	Mt. Juliet, TN

SW09-012021 L1308943-04 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 13:35

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610059	1	01/22/21 13:37	01/22/21 13:37	BMB	Mt. Juliet, TN

SW08-012021 L1308943-05 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 13:40

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610059	1	01/22/21 13:57	01/22/21 13:57	BMB	Mt. Juliet, TN

SW13-012021 L1308943-06 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 13:50

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610059	1	01/22/21 14:18	01/22/21 14:18	BMB	Mt. Juliet, TN

SW04-012021 L1308943-07 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 13:55

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610059	1	01/22/21 14:40	01/22/21 14:40	BMB	Mt. Juliet, TN

SW02-012021 L1308943-08 GW

Collected by
Melissa Warren

Collected date/time
01/20/21 14:00

Received date/time
01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610059	1	01/22/21 14:58	01/22/21 14:58	BMB	Mt. Juliet, TN

SAMPLE SUMMARY



SW07-012021 L1308943-09 GW

Collected by: Melissa Warren
 Collected date/time: 01/20/21 14:40
 Received date/time: 01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610059	1	01/22/21 15:19	01/22/21 15:19	BMB	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

SW03-012021 L1308943-10 GW

Collected by: Melissa Warren
 Collected date/time: 01/20/21 14:50
 Received date/time: 01/21/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1610059	1	01/22/21 15:39	01/22/21 15:39	BMB	Mt. Juliet, TN

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Erica McNeese
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/22/2021 12:36	WG1610059
Toluene	ND		1.00	1	01/22/2021 12:36	WG1610059
Ethylbenzene	ND		1.00	1	01/22/2021 12:36	WG1610059
o-Xylene	ND		1.00	1	01/22/2021 12:36	WG1610059
m&p-Xylene	ND		2.00	1	01/22/2021 12:36	WG1610059
Total Xylenes	ND		3.00	1	01/22/2021 12:36	WG1610059
Methyl tert-butyl ether	ND		1.00	1	01/22/2021 12:36	WG1610059
Naphthalene	ND		5.00	1	01/22/2021 12:36	WG1610059
(S) Toluene-d8	99.6		80.0-120		01/22/2021 12:36	WG1610059
(S) 4-Bromofluorobenzene	104		77.0-126		01/22/2021 12:36	WG1610059
(S) 1,2-Dichloroethane-d4	75.4		70.0-130		01/22/2021 12:36	WG1610059

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/22/2021 12:56	WG1610059
Toluene	ND		1.00	1	01/22/2021 12:56	WG1610059
Ethylbenzene	ND		1.00	1	01/22/2021 12:56	WG1610059
o-Xylene	ND		1.00	1	01/22/2021 12:56	WG1610059
m&p-Xylene	ND		2.00	1	01/22/2021 12:56	WG1610059
Total Xylenes	ND		3.00	1	01/22/2021 12:56	WG1610059
Methyl tert-butyl ether	ND		1.00	1	01/22/2021 12:56	WG1610059
Naphthalene	ND		5.00	1	01/22/2021 12:56	WG1610059
(S) Toluene-d8	100		80.0-120		01/22/2021 12:56	WG1610059
(S) 4-Bromofluorobenzene	98.4		77.0-126		01/22/2021 12:56	WG1610059
(S) 1,2-Dichloroethane-d4	76.4		70.0-130		01/22/2021 12:56	WG1610059

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/22/2021 13:16	WG1610059
Toluene	ND		1.00	1	01/22/2021 13:16	WG1610059
Ethylbenzene	ND		1.00	1	01/22/2021 13:16	WG1610059
o-Xylene	ND		1.00	1	01/22/2021 13:16	WG1610059
m&p-Xylene	ND		2.00	1	01/22/2021 13:16	WG1610059
Total Xylenes	ND		3.00	1	01/22/2021 13:16	WG1610059
Methyl tert-butyl ether	ND		1.00	1	01/22/2021 13:16	WG1610059
Naphthalene	ND		5.00	1	01/22/2021 13:16	WG1610059
(S) Toluene-d8	100		80.0-120		01/22/2021 13:16	WG1610059
(S) 4-Bromofluorobenzene	98.3		77.0-126		01/22/2021 13:16	WG1610059
(S) 1,2-Dichloroethane-d4	77.6		70.0-130		01/22/2021 13:16	WG1610059

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/22/2021 13:37	WG1610059
Toluene	ND		1.00	1	01/22/2021 13:37	WG1610059
Ethylbenzene	ND		1.00	1	01/22/2021 13:37	WG1610059
o-Xylene	ND		1.00	1	01/22/2021 13:37	WG1610059
m&p-Xylene	ND		2.00	1	01/22/2021 13:37	WG1610059
Total Xylenes	ND		3.00	1	01/22/2021 13:37	WG1610059
Methyl tert-butyl ether	1.03		1.00	1	01/22/2021 13:37	WG1610059
Naphthalene	ND		5.00	1	01/22/2021 13:37	WG1610059
<i>(S) Toluene-d8</i>	99.5		80.0-120		01/22/2021 13:37	WG1610059
<i>(S) 4-Bromofluorobenzene</i>	99.0		77.0-126		01/22/2021 13:37	WG1610059
<i>(S) 1,2-Dichloroethane-d4</i>	78.4		70.0-130		01/22/2021 13:37	WG1610059

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/22/2021 13:57	WG1610059
Toluene	ND		1.00	1	01/22/2021 13:57	WG1610059
Ethylbenzene	ND		1.00	1	01/22/2021 13:57	WG1610059
o-Xylene	ND		1.00	1	01/22/2021 13:57	WG1610059
m&p-Xylene	ND		2.00	1	01/22/2021 13:57	WG1610059
Total Xylenes	ND		3.00	1	01/22/2021 13:57	WG1610059
Methyl tert-butyl ether	1.24		1.00	1	01/22/2021 13:57	WG1610059
Naphthalene	ND		5.00	1	01/22/2021 13:57	WG1610059
(S) Toluene-d8	101		80.0-120		01/22/2021 13:57	WG1610059
(S) 4-Bromofluorobenzene	98.1		77.0-126		01/22/2021 13:57	WG1610059
(S) 1,2-Dichloroethane-d4	77.9		70.0-130		01/22/2021 13:57	WG1610059

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/22/2021 14:18	WG1610059
Toluene	ND		1.00	1	01/22/2021 14:18	WG1610059
Ethylbenzene	ND		1.00	1	01/22/2021 14:18	WG1610059
o-Xylene	ND		1.00	1	01/22/2021 14:18	WG1610059
m&p-Xylene	ND		2.00	1	01/22/2021 14:18	WG1610059
Total Xylenes	ND		3.00	1	01/22/2021 14:18	WG1610059
Methyl tert-butyl ether	1.26		1.00	1	01/22/2021 14:18	WG1610059
Naphthalene	ND		5.00	1	01/22/2021 14:18	WG1610059
<i>(S) Toluene-d8</i>	97.4		80.0-120		01/22/2021 14:18	WG1610059
<i>(S) 4-Bromofluorobenzene</i>	95.6		77.0-126		01/22/2021 14:18	WG1610059
<i>(S) 1,2-Dichloroethane-d4</i>	80.4		70.0-130		01/22/2021 14:18	WG1610059

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	8.39		1.00	1	01/22/2021 14:40	WG1610059
Toluene	ND		1.00	1	01/22/2021 14:40	WG1610059
Ethylbenzene	ND		1.00	1	01/22/2021 14:40	WG1610059
o-Xylene	1.72		1.00	1	01/22/2021 14:40	WG1610059
m&p-Xylene	ND		2.00	1	01/22/2021 14:40	WG1610059
Total Xylenes	ND		3.00	1	01/22/2021 14:40	WG1610059
Methyl tert-butyl ether	1.78		1.00	1	01/22/2021 14:40	WG1610059
Naphthalene	ND		5.00	1	01/22/2021 14:40	WG1610059
<i>(S) Toluene-d8</i>	99.1		80.0-120		01/22/2021 14:40	WG1610059
<i>(S) 4-Bromofluorobenzene</i>	97.6		77.0-126		01/22/2021 14:40	WG1610059
<i>(S) 1,2-Dichloroethane-d4</i>	76.4		70.0-130		01/22/2021 14:40	WG1610059

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	18.2		1.00	1	01/22/2021 14:58	WG1610059
Toluene	ND		1.00	1	01/22/2021 14:58	WG1610059
Ethylbenzene	ND		1.00	1	01/22/2021 14:58	WG1610059
o-Xylene	3.13		1.00	1	01/22/2021 14:58	WG1610059
m&p-Xylene	ND		2.00	1	01/22/2021 14:58	WG1610059
Total Xylenes	3.13		3.00	1	01/22/2021 14:58	WG1610059
Methyl tert-butyl ether	2.22		1.00	1	01/22/2021 14:58	WG1610059
Naphthalene	ND		5.00	1	01/22/2021 14:58	WG1610059
(S) Toluene-d8	99.5		80.0-120		01/22/2021 14:58	WG1610059
(S) 4-Bromofluorobenzene	98.9		77.0-126		01/22/2021 14:58	WG1610059
(S) 1,2-Dichloroethane-d4	79.1		70.0-130		01/22/2021 14:58	WG1610059

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/22/2021 15:19	WG1610059
Toluene	ND		1.00	1	01/22/2021 15:19	WG1610059
Ethylbenzene	ND		1.00	1	01/22/2021 15:19	WG1610059
o-Xylene	ND		1.00	1	01/22/2021 15:19	WG1610059
m&p-Xylene	ND		2.00	1	01/22/2021 15:19	WG1610059
Total Xylenes	ND		3.00	1	01/22/2021 15:19	WG1610059
Methyl tert-butyl ether	ND		1.00	1	01/22/2021 15:19	WG1610059
Naphthalene	ND		5.00	1	01/22/2021 15:19	WG1610059
(S) Toluene-d8	104		80.0-120		01/22/2021 15:19	WG1610059
(S) 4-Bromofluorobenzene	102		77.0-126		01/22/2021 15:19	WG1610059
(S) 1,2-Dichloroethane-d4	79.9		70.0-130		01/22/2021 15:19	WG1610059

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	01/22/2021 15:39	WG1610059
Toluene	ND		1.00	1	01/22/2021 15:39	WG1610059
Ethylbenzene	ND		1.00	1	01/22/2021 15:39	WG1610059
o-Xylene	ND		1.00	1	01/22/2021 15:39	WG1610059
m&p-Xylene	ND		2.00	1	01/22/2021 15:39	WG1610059
Total Xylenes	ND		3.00	1	01/22/2021 15:39	WG1610059
Methyl tert-butyl ether	ND		1.00	1	01/22/2021 15:39	WG1610059
Naphthalene	ND		5.00	1	01/22/2021 15:39	WG1610059
(S) Toluene-d8	98.9		80.0-120		01/22/2021 15:39	WG1610059
(S) 4-Bromofluorobenzene	98.3		77.0-126		01/22/2021 15:39	WG1610059
(S) 1,2-Dichloroethane-d4	79.8		70.0-130		01/22/2021 15:39	WG1610059

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Method Blank (MB)

(MB) R3616776-2 01/22/21 10:28

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
o-Xylene	U		0.174	1.00
m&p-Xylenes	U		0.430	2.00
(S) Toluene-d8	104			80.0-120
(S) 4-Bromofluorobenzene	102			77.0-126
(S) 1,2-Dichloroethane-d4	75.5			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R3616776-1 01/22/21 09:28

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	5.66	113	70.0-130	
Ethylbenzene	5.00	5.22	104	70.0-130	
Methyl tert-butyl ether	5.00	5.63	113	70.0-130	
Naphthalene	5.00	5.55	111	70.0-130	
Toluene	5.00	5.50	110	70.0-130	
Xylenes, Total	15.0	15.7	105	70.0-130	
o-Xylene	5.00	5.15	103	70.0-130	
m&p-Xylenes	10.0	10.5	105	70.0-130	
(S) Toluene-d8			99.6	80.0-120	
(S) 4-Bromofluorobenzene			100	77.0-126	
(S) 1,2-Dichloroethane-d4			76.6	70.0-130	



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN, 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	AZLA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

Pace Analytical National 1313 Point Mallard Parkway SE Suite B Decatur, AL, 35601

Alabama	40160
ANSI National Accreditation Board	L2239

Pace Analytical National 660 Bercut Dr. Ste. C Sacramento, CA, 95811

California	2961	Oregon	CA300002
Minnesota	006-999-465	Washington	C926
North Dakota	R-214		

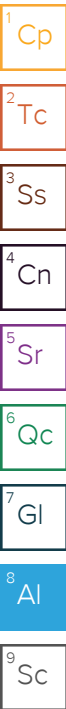
Pace Analytical National 6000 South Eastern Avenue Ste 9A Las Vegas, NV, 89119

Nevada	NV009412021-1
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Pace Analytical National 1606 E. Brazos Street Suite D Victoria, TX, 77901

Texas	T104704328-20-18
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¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable



Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400
Atlanta GA 30309

Billing Information:

Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Pres
Chk

Report to:
Bethany Garvey

Email To:
bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
Lewis Drive Surface Water

City/State
Collected:

Please Circle:
PT MT CT ET

Phone: 770-604-9182

Client Project #
KMLDOM21
B.C.S.GEN.LDOMR.SU

Lab Project #
KINCH2MGA-LEWIS

Collected by (print):
MEISSA WANNEN

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]

Rush? (Lab MUST Be Notified)

Quote #

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

Date Results Needed

No.
of
Cnts

Immediately
Packed on Ice N Y

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

No.
of
Cnts

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cnts													
SW05-012021	BRAB	GW	NA	1/20/21	1300	3	X												
SW11-012021		GW			1315	3	X												
SW10-012021		GW			1325	3	X												
SW09-012021		GW			1335	3	X												
SW08-012021					1340	3	X												
SW13-012021					1350	3	X												
SW04-012021					1355	3	X												
SW02-012021					1400	3	X												
SW07-012021					1440	3	X												
SW03-012021					1450	3	X												

V8260BTEXMNSC 40mlAmb-HCI

Analysis / Container / Preservative

Chain of Custody Page 1 of 1



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



SDG # U308943
B086

Tab
Acctnum: KINCH2MGA
Template: T180503
Prelogin: P821839
PM: 526 - Chris McCord
PB: 1-13-2021
Shipped Via: FedEX Ground

Remarks | Sample # (lab only)

-01
-02
-03
-04
-05
-06
-07
-08
-09
-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: V8260BTEXMNSC = BTEX, Naphthalene, MTBE

pH _____ Temp _____
Flow _____ Other _____

Sample Receipt Checklist	
COC Seal Present/Intact:	NP <u>Y</u> / <u>N</u>
COC Signed/Accurate:	<u>Y</u> / <u>N</u>
Bottles arrive intact:	<u>Y</u> / <u>N</u>
Correct bottles used:	<u>Y</u> / <u>N</u>
Sufficient volume sent:	<u>Y</u> / <u>N</u>
If Applicable	
VOA Zero Headspace:	<u>Y</u> / <u>N</u>
Preservation Correct/Checked:	<u>Y</u> / <u>N</u>
RAD Screen <0.5 mR/hr:	<u>Y</u> / <u>N</u>

Samples returned via:
UPS FedEx Courier

Tracking # 9517 575/8352

Relinquished by: (Signature)

Date: 1/20/21
Time: 1730

Received by: (Signature)

Trip Blank Received: Yes/No
HCL/ MeOH
TBR

Relinquished by: (Signature)

Date:
Time:

Received by: (Signature)

Temp: 16.04 °C
Bottles Received: 30

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:
Time:

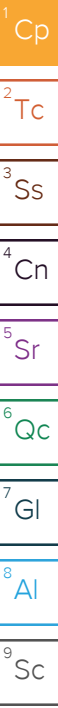
Received for lab by: (Signature)
[Signature]

Date: 1/21/21
Time: 9:00

Hold:

Condition:
NCF / OK

March 05, 2021



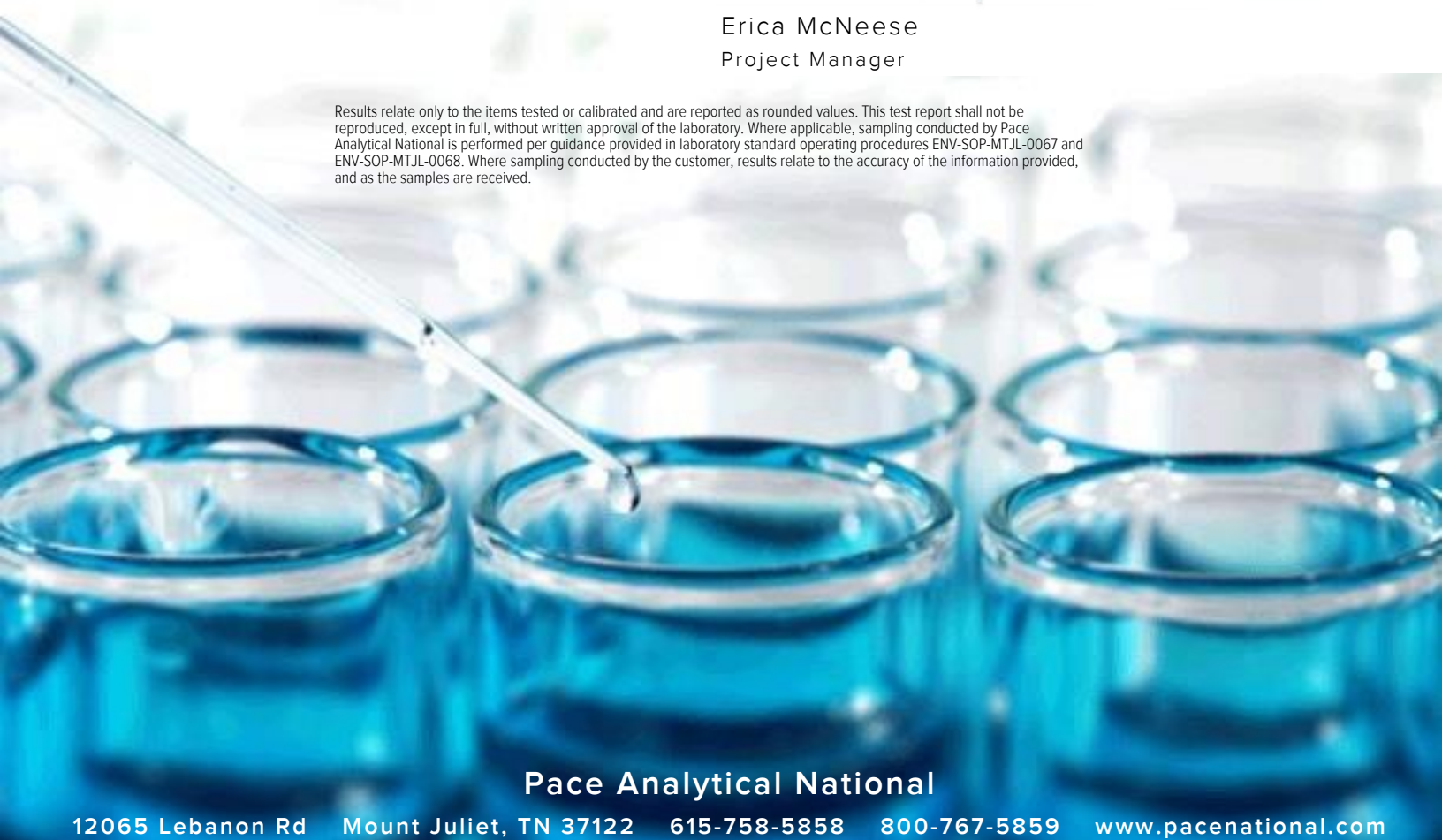
Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1320288
Samples Received: 02/25/2021
Project Number: B.CS.GEN.LDOMR.SW KM
Description: Lewis Drive Surface Water
Site: LEWIS DRIVE
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:

Erica McNeese
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com



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SAMPLE SUMMARY



Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Collected by: Melissa Warren Collected date/time: 02/24/21 11:20 Received date/time: 02/25/21 09:25						
SW11-022421 L1320288-01 GW	WG1627153	1	03/01/21 10:34	03/01/21 10:34	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D						
Collected by: Melissa Warren Collected date/time: 02/24/21 11:30 Received date/time: 02/25/21 09:25						
SW10-022421 L1320288-02 GW	WG1627153	1	03/01/21 10:55	03/01/21 10:55	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D						
Collected by: Melissa Warren Collected date/time: 02/24/21 11:45 Received date/time: 02/25/21 09:25						
SW09-022421 L1320288-03 GW	WG1627153	1	03/01/21 11:14	03/01/21 11:14	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D						
Collected by: Melissa Warren Collected date/time: 02/24/21 11:50 Received date/time: 02/25/21 09:25						
SW08-022421 L1320288-04 GW	WG1627231	1	02/28/21 17:10	02/28/21 17:10	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D						
Collected by: Melissa Warren Collected date/time: 02/24/21 12:10 Received date/time: 02/25/21 09:25						
SW13-022421 L1320288-05 GW	WG1627231	1	02/28/21 17:30	02/28/21 17:30	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D						
Collected by: Melissa Warren Collected date/time: 02/24/21 12:20 Received date/time: 02/25/21 09:25						
SW04-022421 L1320288-06 GW	WG1627231	1	02/28/21 17:51	02/28/21 17:51	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D						
Collected by: Melissa Warren Collected date/time: 02/24/21 12:30 Received date/time: 02/25/21 09:25						
SW02-022421 L1320288-07 GW	WG1627231	1	02/28/21 18:11	02/28/21 18:11	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D						
Collected by: Melissa Warren Collected date/time: 02/24/21 13:20 Received date/time: 02/25/21 09:25						
SW05-022421 L1320288-08 GW	WG1627231	1	02/28/21 18:31	02/28/21 18:31	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D						

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

SAMPLE SUMMARY



SW03-022421 L1320288-09 GW

Collected by: Melissa Warren
 Collected date/time: 02/24/21 13:00
 Received date/time: 02/25/21 09:25

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1627231	1	02/28/21 18:52	02/28/21 18:52	BMB	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

TB01-022421 L1320288-10 GW

Collected by: Melissa Warren
 Collected date/time: 02/24/21 00:00
 Received date/time: 02/25/21 09:25

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1627231	1	02/28/21 16:09	02/28/21 16:09	BMB	Mt. Juliet, TN

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Erica McNeese
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/01/2021 10:34	WG1627153
Toluene	ND		1.00	1	03/01/2021 10:34	WG1627153
Ethylbenzene	ND		1.00	1	03/01/2021 10:34	WG1627153
o-Xylene	ND		1.00	1	03/01/2021 10:34	WG1627153
m&p-Xylene	ND		2.00	1	03/01/2021 10:34	WG1627153
Total Xylenes	ND		3.00	1	03/01/2021 10:34	WG1627153
Methyl tert-butyl ether	ND		1.00	1	03/01/2021 10:34	WG1627153
Naphthalene	ND		5.00	1	03/01/2021 10:34	WG1627153
(S) Toluene-d8	106		80.0-120		03/01/2021 10:34	WG1627153
(S) 4-Bromofluorobenzene	101		77.0-126		03/01/2021 10:34	WG1627153
(S) 1,2-Dichloroethane-d4	111		70.0-130		03/01/2021 10:34	WG1627153

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/01/2021 10:55	WG1627153
Toluene	ND		1.00	1	03/01/2021 10:55	WG1627153
Ethylbenzene	ND		1.00	1	03/01/2021 10:55	WG1627153
o-Xylene	ND		1.00	1	03/01/2021 10:55	WG1627153
m&p-Xylene	ND		2.00	1	03/01/2021 10:55	WG1627153
Total Xylenes	ND		3.00	1	03/01/2021 10:55	WG1627153
Methyl tert-butyl ether	ND		1.00	1	03/01/2021 10:55	WG1627153
Naphthalene	ND		5.00	1	03/01/2021 10:55	WG1627153
(S) Toluene-d8	108		80.0-120		03/01/2021 10:55	WG1627153
(S) 4-Bromofluorobenzene	98.9		77.0-126		03/01/2021 10:55	WG1627153
(S) 1,2-Dichloroethane-d4	110		70.0-130		03/01/2021 10:55	WG1627153

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/01/2021 11:14	WG1627153
Toluene	ND		1.00	1	03/01/2021 11:14	WG1627153
Ethylbenzene	ND		1.00	1	03/01/2021 11:14	WG1627153
o-Xylene	ND		1.00	1	03/01/2021 11:14	WG1627153
m&p-Xylene	ND		2.00	1	03/01/2021 11:14	WG1627153
Total Xylenes	ND		3.00	1	03/01/2021 11:14	WG1627153
Methyl tert-butyl ether	ND		1.00	1	03/01/2021 11:14	WG1627153
Naphthalene	ND		5.00	1	03/01/2021 11:14	WG1627153
(S) Toluene-d8	106		80.0-120		03/01/2021 11:14	WG1627153
(S) 4-Bromofluorobenzene	101		77.0-126		03/01/2021 11:14	WG1627153
(S) 1,2-Dichloroethane-d4	111		70.0-130		03/01/2021 11:14	WG1627153

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	02/28/2021 17:10	WG1627231
Toluene	ND		1.00	1	02/28/2021 17:10	WG1627231
Ethylbenzene	ND		1.00	1	02/28/2021 17:10	WG1627231
o-Xylene	ND		1.00	1	02/28/2021 17:10	WG1627231
m&p-Xylene	ND		2.00	1	02/28/2021 17:10	WG1627231
Total Xylenes	ND		3.00	1	02/28/2021 17:10	WG1627231
Methyl tert-butyl ether	ND		1.00	1	02/28/2021 17:10	WG1627231
Naphthalene	ND		5.00	1	02/28/2021 17:10	WG1627231
(S) Toluene-d8	103		80.0-120		02/28/2021 17:10	WG1627231
(S) 4-Bromofluorobenzene	102		77.0-126		02/28/2021 17:10	WG1627231
(S) 1,2-Dichloroethane-d4	93.2		70.0-130		02/28/2021 17:10	WG1627231

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	02/28/2021 17:30	WG1627231
Toluene	ND		1.00	1	02/28/2021 17:30	WG1627231
Ethylbenzene	ND		1.00	1	02/28/2021 17:30	WG1627231
o-Xylene	ND		1.00	1	02/28/2021 17:30	WG1627231
m&p-Xylene	ND		2.00	1	02/28/2021 17:30	WG1627231
Total Xylenes	ND		3.00	1	02/28/2021 17:30	WG1627231
Methyl tert-butyl ether	3.51		1.00	1	02/28/2021 17:30	WG1627231
Naphthalene	ND		5.00	1	02/28/2021 17:30	WG1627231
(S) Toluene-d8	100		80.0-120		02/28/2021 17:30	WG1627231
(S) 4-Bromofluorobenzene	97.6		77.0-126		02/28/2021 17:30	WG1627231
(S) 1,2-Dichloroethane-d4	84.4		70.0-130		02/28/2021 17:30	WG1627231

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	02/28/2021 17:51	WG1627231
Toluene	ND		1.00	1	02/28/2021 17:51	WG1627231
Ethylbenzene	ND		1.00	1	02/28/2021 17:51	WG1627231
o-Xylene	ND		1.00	1	02/28/2021 17:51	WG1627231
m&p-Xylene	ND		2.00	1	02/28/2021 17:51	WG1627231
Total Xylenes	ND		3.00	1	02/28/2021 17:51	WG1627231
Methyl tert-butyl ether	ND		1.00	1	02/28/2021 17:51	WG1627231
Naphthalene	ND		5.00	1	02/28/2021 17:51	WG1627231
(S) Toluene-d8	99.2		80.0-120		02/28/2021 17:51	WG1627231
(S) 4-Bromofluorobenzene	97.6		77.0-126		02/28/2021 17:51	WG1627231
(S) 1,2-Dichloroethane-d4	86.5		70.0-130		02/28/2021 17:51	WG1627231

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	13.9		1.00	1	02/28/2021 18:11	WG1627231
Toluene	ND		1.00	1	02/28/2021 18:11	WG1627231
Ethylbenzene	ND		1.00	1	02/28/2021 18:11	WG1627231
o-Xylene	2.18		1.00	1	02/28/2021 18:11	WG1627231
m&p-Xylene	ND		2.00	1	02/28/2021 18:11	WG1627231
Total Xylenes	ND		3.00	1	02/28/2021 18:11	WG1627231
Methyl tert-butyl ether	1.29		1.00	1	02/28/2021 18:11	WG1627231
Naphthalene	ND		5.00	1	02/28/2021 18:11	WG1627231
(S) Toluene-d8	106		80.0-120		02/28/2021 18:11	WG1627231
(S) 4-Bromofluorobenzene	102		77.0-126		02/28/2021 18:11	WG1627231
(S) 1,2-Dichloroethane-d4	85.9		70.0-130		02/28/2021 18:11	WG1627231

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	02/28/2021 18:31	WG1627231
Toluene	ND		1.00	1	02/28/2021 18:31	WG1627231
Ethylbenzene	ND		1.00	1	02/28/2021 18:31	WG1627231
o-Xylene	ND		1.00	1	02/28/2021 18:31	WG1627231
m&p-Xylene	ND		2.00	1	02/28/2021 18:31	WG1627231
Total Xylenes	ND		3.00	1	02/28/2021 18:31	WG1627231
Methyl tert-butyl ether	ND		1.00	1	02/28/2021 18:31	WG1627231
Naphthalene	ND		5.00	1	02/28/2021 18:31	WG1627231
(S) Toluene-d8	103		80.0-120		02/28/2021 18:31	WG1627231
(S) 4-Bromofluorobenzene	101		77.0-126		02/28/2021 18:31	WG1627231
(S) 1,2-Dichloroethane-d4	87.4		70.0-130		02/28/2021 18:31	WG1627231

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	02/28/2021 18:52	WG1627231
Toluene	ND		1.00	1	02/28/2021 18:52	WG1627231
Ethylbenzene	ND		1.00	1	02/28/2021 18:52	WG1627231
o-Xylene	ND		1.00	1	02/28/2021 18:52	WG1627231
m&p-Xylene	ND		2.00	1	02/28/2021 18:52	WG1627231
Total Xylenes	ND		3.00	1	02/28/2021 18:52	WG1627231
Methyl tert-butyl ether	ND		1.00	1	02/28/2021 18:52	WG1627231
Naphthalene	ND		5.00	1	02/28/2021 18:52	WG1627231
(S) Toluene-d8	101		80.0-120		02/28/2021 18:52	WG1627231
(S) 4-Bromofluorobenzene	94.1		77.0-126		02/28/2021 18:52	WG1627231
(S) 1,2-Dichloroethane-d4	85.4		70.0-130		02/28/2021 18:52	WG1627231

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	02/28/2021 16:09	WG1627231
Toluene	ND		1.00	1	02/28/2021 16:09	WG1627231
Ethylbenzene	ND		1.00	1	02/28/2021 16:09	WG1627231
o-Xylene	ND		1.00	1	02/28/2021 16:09	WG1627231
m&p-Xylene	ND		2.00	1	02/28/2021 16:09	WG1627231
Total Xylenes	ND		3.00	1	02/28/2021 16:09	WG1627231
Methyl tert-butyl ether	ND		1.00	1	02/28/2021 16:09	WG1627231
Naphthalene	ND		5.00	1	02/28/2021 16:09	WG1627231
(S) Toluene-d8	104		80.0-120		02/28/2021 16:09	WG1627231
(S) 4-Bromofluorobenzene	104		77.0-126		02/28/2021 16:09	WG1627231
(S) 1,2-Dichloroethane-d4	88.9		70.0-130		02/28/2021 16:09	WG1627231

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Method Blank (MB)

(MB) R3627431-2 03/01/21 08:03

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
o-Xylene	U		0.174	1.00
m&p-Xylenes	U		0.430	2.00
(S) Toluene-d8	107			80.0-120
(S) 4-Bromofluorobenzene	99.7			77.0-126
(S) 1,2-Dichloroethane-d4	110			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R3627431-1 03/01/21 07:02

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	5.03	101	70.0-130	
Ethylbenzene	5.00	4.95	99.0	70.0-130	
Methyl tert-butyl ether	5.00	5.22	104	70.0-130	
Naphthalene	5.00	5.13	103	70.0-130	
Toluene	5.00	4.77	95.4	70.0-130	
Xylenes, Total	15.0	15.1	101	70.0-130	
o-Xylene	5.00	4.81	96.2	70.0-130	
m&p-Xylenes	10.0	10.3	103	70.0-130	
(S) Toluene-d8			105	80.0-120	
(S) 4-Bromofluorobenzene			101	77.0-126	
(S) 1,2-Dichloroethane-d4			110	70.0-130	



Method Blank (MB)

(MB) R3627050-2 02/28/21 13:13

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
o-Xylene	U		0.174	1.00
m&p-Xylenes	U		0.430	2.00
(S) Toluene-d8	103			80.0-120
(S) 4-Bromofluorobenzene	97.6			77.0-126
(S) 1,2-Dichloroethane-d4	86.8			70.0-130

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R3627050-1 02/28/21 12:13

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Benzene	5.00	5.29	106	70.0-130	
Ethylbenzene	5.00	4.99	99.8	70.0-130	
Methyl tert-butyl ether	5.00	4.96	99.2	70.0-130	
Naphthalene	5.00	4.17	83.4	70.0-130	
Toluene	5.00	5.02	100	70.0-130	
Xylenes, Total	15.0	15.1	101	70.0-130	
o-Xylene	5.00	5.06	101	70.0-130	
m&p-Xylenes	10.0	10.0	100	70.0-130	
(S) Toluene-d8			101	80.0-120	
(S) 4-Bromofluorobenzene			106	77.0-126	
(S) 1,2-Dichloroethane-d4			86.2	70.0-130	

L1320819-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1320819-10 02/28/21 20:53 • (MS) R3627050-3 02/28/21 22:55 • (MSD) R3627050-4 02/28/21 23:15

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Benzene	5.00	ND	2.81	2.57	51.8	47.0	1	17.0-158			8.92	27
Ethylbenzene	5.00	1.80	4.55	3.89	55.0	41.8	1	30.0-155			15.6	27
Methyl tert-butyl ether	5.00	ND	3.37	3.68	67.4	73.6	1	28.0-150			8.79	29
Naphthalene	5.00	ND	ND	ND	54.0	61.0	1	12.0-156			8.99	35
Toluene	5.00	ND	2.79	2.59	55.8	51.8	1	26.0-154			7.43	28



L1320819-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1320819-10 02/28/21 20:53 • (MS) R3627050-3 02/28/21 22:55 • (MSD) R3627050-4 02/28/21 23:15

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Xylenes, Total	15.0	ND	9.24	8.43	56.5	51.1	1	29.0-154			9.17	28
o-Xylene	5.00	ND	2.86	2.61	57.2	52.2	1	45.0-144			9.14	26
m&p-Xylenes	10.0	ND	6.38	5.82	56.1	50.5	1	43.0-146			9.18	26
(S) Toluene-d8					106	106		80.0-120				
(S) 4-Bromofluorobenzene					104	104		77.0-126				
(S) 1,2-Dichloroethane-d4					90.1	88.1		70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN, 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Cp

² Tc

³ Ss

⁴ Cn


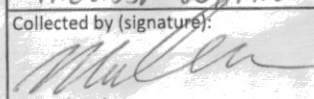
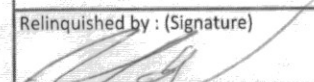
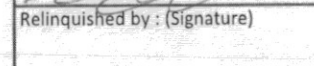
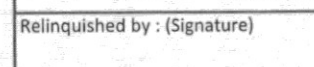
⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Kinder Morgan- Atlanta, GA Ten 10th Street NW Suite 1400 Atlanta GA 30309		Billing Information:		Accounts Payable 1000 Windward Concourse Ste 450 Alpharetta, GA 30005		Pres Chk		Analysis / Container / Preservative										Chain of Custody Page 1 of 1			
		Report to: Bethany Garvey		Email To: bethany.garvey@jacobs.com;tom.wiley@jacobs.com																 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859	
Project Description: Lewis Drive Surface Water		City/State Collected: BELTON, SC		Please Circle: PT MT CT ET														SDG # 61320288 Table # F105			
Phone: 770-604-9182		Client Project # KMLDOM21		Lab Project # KINCH2MGA-LEWIS														Acctnum: KINCH2MGA Template: T155770			
Fax:		B.CS.GEN.LDOMR.SW		P.O. #														Prelogin: P758898 PM: 526 - Chris McCord			
Collected by (print): MELISSA WARREN		Site/Facility ID # LEWIS DRIVE		Quote #														PB: Shipped Via: FedEX Ground			
Collected by (signature): 		Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day		Date Results Needed														Remarks <input type="checkbox"/> Sample # (lab only)			
Immediately Packed on Ice N <input type="checkbox"/> Y <input checked="" type="checkbox"/>																					
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs														
SW11-022421		GRAB	GW	NA	02/24/21	1120	3	X											-01		
SW10-022421			GW			1130	3	X											-02		
SW09-022421			GW			1145	3	X											-03		
SW08-022421			GW			1150	3	X											-04		
SW13-022421			GW			1210	3	X											-05		
SW04-022421			GW			1220	3	X											-06		
SW02-022421			GW			1230	3	X											-07		
SW05-022421			GW			1320	3	X											-08		
SW03-022421			GW			1300	3	X											-09		
TBO1-022421			TB				1	X											-10		
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks: V8260BTEXMNSC=BTEX + Naphthalene + MTBE. SAMPLES DROPPED OFF BY CLIENT										pH _____ Temp _____ Flow _____ Other _____		Sample Receipt Checklist COC Seal Present/Intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If Applicable VOA Zero Headspace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Preservation Correct/Checked: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N RAD Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N onece							
Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input checked="" type="checkbox"/> Courier CH		Tracking #																			
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Trip Blank Received: Yes/No															
		2-25-21	0925			HCl/MeOH TBR															
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Temp: 16 °C		Bottles Received: 3007												If preservation required by Login: Date/Time	
						02/27/2021															
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature)		Date:		Time:												Hold: Condition: NCF/OK	
				See attach GE		2/25/21		0925													

L1320288 KINCH2MGA NCF

R5

Time estimate: oh

Time spent: oh

Members



Cole Medley (responsible)



Christopher McCord



Erica McNeese

- Login Clarification needed
- Chain of custody is incomplete
- Please specify Metals requested
- Please specify TCLP requested
- Received additional samples not listed on COC
- Sample IDs on containers do not match IDs on COC
- Client did not "X" analysis
- Chain of Custody is missing
- If no COC: Received by: _____
- If no COC: Date/Time: _____
- If no COC: Temp./Cont.Rec./pH: _____
- If no COC: Carrier: _____
- If no COC: Tracking #: _____
- Client informed by call
- Client informed by Email
- Client informed by Voicemail
- Date/Time: 02/26/21 11:41
- PM initials: EM
- Client Contact: Bethany Garvey

Comments

- Cole Medley* *25 February 2021 6:32 PM*
 ID: SW03-022421 on COC is listed as SW07-022421 on container; all collection date/time info matches.
 Logged per COC.
- Erica McNeese* *26 February 2021 11:42 AM*
 Keep as logged per COC.
- Cole Medley* *26 February 2021 11:46 AM*
 Done.

April 02, 2021

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1330745
Samples Received: 03/25/2021
Project Number: KMLDOM21
Description: Lewis Drive Surface Water
Site: LEWIS DRIVE
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:



Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SAMPLE SUMMARY

SW11-032421 L1330745-01 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 10:00

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641309	1	03/26/21 19:08	03/26/21 19:08	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644427	1	04/02/21 07:32	04/02/21 07:32	TPR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

SW10-032421 L1330745-02 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 10:10

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641309	1	03/26/21 19:26	03/26/21 19:26	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644427	1	04/02/21 07:52	04/02/21 07:52	TPR	Mt. Juliet, TN

SW09-032421 L1330745-03 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 10:15

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641309	1	03/26/21 19:45	03/26/21 19:45	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644427	1	04/02/21 08:12	04/02/21 08:12	TPR	Mt. Juliet, TN

SW08-032421 L1330745-04 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 10:20

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641309	1	03/26/21 20:04	03/26/21 20:04	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644427	1	04/02/21 08:32	04/02/21 08:32	TPR	Mt. Juliet, TN

SW13-032421 L1330745-05 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 10:30

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641309	1	03/26/21 20:23	03/26/21 20:23	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644427	1	04/02/21 08:52	04/02/21 08:52	TPR	Mt. Juliet, TN

SW04-032421 L1330745-06 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 10:45

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641309	1	03/26/21 20:42	03/26/21 20:42	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644427	1	04/02/21 09:12	04/02/21 09:12	TPR	Mt. Juliet, TN

SW02-032421 L1330745-07 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 10:50

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641309	1	03/26/21 21:02	03/26/21 21:02	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644427	1	04/02/21 09:33	04/02/21 09:33	TPR	Mt. Juliet, TN

SAMPLE SUMMARY

SW07-032421 L1330745-08 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 11:05

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641309	1	03/26/21 21:21	03/26/21 21:21	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644427	1	04/02/21 09:53	04/02/21 09:53	TPR	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

SW03-032421 L1330745-09 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 11:20

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641309	1	03/26/21 21:40	03/26/21 21:40	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644427	1	04/02/21 10:13	04/02/21 10:13	TPR	Mt. Juliet, TN

4 Cn

5 Sr

6 Qc

SW05-032421 L1330745-10 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 11:30

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641309	1	03/26/21 21:59	03/26/21 21:59	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644427	1	04/02/21 10:33	04/02/21 10:33	TPR	Mt. Juliet, TN

7 Gl

8 Al

9 Sc

TB01-032421 L1330745-11 GW

Collected by
Melissa Warren

Collected date/time
03/24/21 00:00

Received date/time
03/25/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1641309	1	03/26/21 18:48	03/26/21 18:48	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1644427	1	04/02/21 07:12	04/02/21 07:12	TPR	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 19:08	WG1641309
Toluene	ND		1.00	1	03/26/2021 19:08	WG1641309
Ethylbenzene	ND		1.00	1	03/26/2021 19:08	WG1641309
o-Xylene	ND		1.00	1	03/26/2021 19:08	WG1641309
m&p-Xylene	ND		2.00	1	03/26/2021 19:08	WG1641309
Total Xylenes	ND		3.00	1	03/26/2021 19:08	WG1641309
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 19:08	WG1641309
Naphthalene	ND		5.00	1	04/02/2021 07:32	WG1644427
(S) Toluene-d8	94.7		80.0-120		03/26/2021 19:08	WG1641309
(S) Toluene-d8	107		80.0-120		04/02/2021 07:32	WG1644427
(S) 4-Bromofluorobenzene	106		77.0-126		03/26/2021 19:08	WG1641309
(S) 4-Bromofluorobenzene	94.6		77.0-126		04/02/2021 07:32	WG1644427
(S) 1,2-Dichloroethane-d4	117		70.0-130		03/26/2021 19:08	WG1641309
(S) 1,2-Dichloroethane-d4	103		70.0-130		04/02/2021 07:32	WG1644427

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 19:26	WG1641309
Toluene	ND		1.00	1	03/26/2021 19:26	WG1641309
Ethylbenzene	ND		1.00	1	03/26/2021 19:26	WG1641309
o-Xylene	ND		1.00	1	03/26/2021 19:26	WG1641309
m&p-Xylene	ND		2.00	1	03/26/2021 19:26	WG1641309
Total Xylenes	ND		3.00	1	03/26/2021 19:26	WG1641309
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 19:26	WG1641309
Naphthalene	ND		5.00	1	04/02/2021 07:52	WG1644427
(S) Toluene-d8	94.8		80.0-120		03/26/2021 19:26	WG1641309
(S) Toluene-d8	108		80.0-120		04/02/2021 07:52	WG1644427
(S) 4-Bromofluorobenzene	103		77.0-126		03/26/2021 19:26	WG1641309
(S) 4-Bromofluorobenzene	94.1		77.0-126		04/02/2021 07:52	WG1644427
(S) 1,2-Dichloroethane-d4	117		70.0-130		03/26/2021 19:26	WG1641309
(S) 1,2-Dichloroethane-d4	106		70.0-130		04/02/2021 07:52	WG1644427

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 19:45	WG1641309
Toluene	ND		1.00	1	03/26/2021 19:45	WG1641309
Ethylbenzene	ND		1.00	1	03/26/2021 19:45	WG1641309
o-Xylene	ND		1.00	1	03/26/2021 19:45	WG1641309
m&p-Xylene	ND		2.00	1	03/26/2021 19:45	WG1641309
Total Xylenes	ND		3.00	1	03/26/2021 19:45	WG1641309
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 19:45	WG1641309
Naphthalene	ND		5.00	1	04/02/2021 08:12	WG1644427
(S) Toluene-d8	95.9		80.0-120		03/26/2021 19:45	WG1641309
(S) Toluene-d8	108		80.0-120		04/02/2021 08:12	WG1644427
(S) 4-Bromofluorobenzene	103		77.0-126		03/26/2021 19:45	WG1641309
(S) 4-Bromofluorobenzene	97.0		77.0-126		04/02/2021 08:12	WG1644427
(S) 1,2-Dichloroethane-d4	117		70.0-130		03/26/2021 19:45	WG1641309
(S) 1,2-Dichloroethane-d4	106		70.0-130		04/02/2021 08:12	WG1644427

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 20:04	WG1641309
Toluene	ND		1.00	1	03/26/2021 20:04	WG1641309
Ethylbenzene	ND		1.00	1	03/26/2021 20:04	WG1641309
o-Xylene	ND		1.00	1	03/26/2021 20:04	WG1641309
m&p-Xylene	ND		2.00	1	03/26/2021 20:04	WG1641309
Total Xylenes	ND		3.00	1	03/26/2021 20:04	WG1641309
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 20:04	WG1641309
Naphthalene	ND		5.00	1	04/02/2021 08:32	WG1644427
(S) Toluene-d8	95.9		80.0-120		03/26/2021 20:04	WG1641309
(S) Toluene-d8	108		80.0-120		04/02/2021 08:32	WG1644427
(S) 4-Bromofluorobenzene	102		77.0-126		03/26/2021 20:04	WG1641309
(S) 4-Bromofluorobenzene	93.8		77.0-126		04/02/2021 08:32	WG1644427
(S) 1,2-Dichloroethane-d4	117		70.0-130		03/26/2021 20:04	WG1641309
(S) 1,2-Dichloroethane-d4	106		70.0-130		04/02/2021 08:32	WG1644427

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1.35		1.00	1	03/26/2021 20:23	WG1641309
Toluene	ND		1.00	1	03/26/2021 20:23	WG1641309
Ethylbenzene	ND		1.00	1	03/26/2021 20:23	WG1641309
o-Xylene	ND		1.00	1	03/26/2021 20:23	WG1641309
m&p-Xylene	ND		2.00	1	03/26/2021 20:23	WG1641309
Total Xylenes	ND		3.00	1	03/26/2021 20:23	WG1641309
Methyl tert-butyl ether	6.84		1.00	1	03/26/2021 20:23	WG1641309
Naphthalene	ND		5.00	1	04/02/2021 08:52	WG1644427
<i>(S) Toluene-d8</i>	96.4		80.0-120		03/26/2021 20:23	WG1641309
<i>(S) Toluene-d8</i>	107		80.0-120		04/02/2021 08:52	WG1644427
<i>(S) 4-Bromofluorobenzene</i>	102		77.0-126		03/26/2021 20:23	WG1641309
<i>(S) 4-Bromofluorobenzene</i>	93.8		77.0-126		04/02/2021 08:52	WG1644427
<i>(S) 1,2-Dichloroethane-d4</i>	117		70.0-130		03/26/2021 20:23	WG1641309
<i>(S) 1,2-Dichloroethane-d4</i>	105		70.0-130		04/02/2021 08:52	WG1644427

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1.74		1.00	1	03/26/2021 20:42	WG1641309
Toluene	ND		1.00	1	03/26/2021 20:42	WG1641309
Ethylbenzene	ND		1.00	1	03/26/2021 20:42	WG1641309
o-Xylene	ND		1.00	1	03/26/2021 20:42	WG1641309
m&p-Xylene	ND		2.00	1	03/26/2021 20:42	WG1641309
Total Xylenes	ND		3.00	1	03/26/2021 20:42	WG1641309
Methyl tert-butyl ether	1.16		1.00	1	03/26/2021 20:42	WG1641309
Naphthalene	ND		5.00	1	04/02/2021 09:12	WG1644427
(S) Toluene-d8	93.9		80.0-120		03/26/2021 20:42	WG1641309
(S) Toluene-d8	107		80.0-120		04/02/2021 09:12	WG1644427
(S) 4-Bromofluorobenzene	103		77.0-126		03/26/2021 20:42	WG1641309
(S) 4-Bromofluorobenzene	92.3		77.0-126		04/02/2021 09:12	WG1644427
(S) 1,2-Dichloroethane-d4	119		70.0-130		03/26/2021 20:42	WG1641309
(S) 1,2-Dichloroethane-d4	104		70.0-130		04/02/2021 09:12	WG1644427

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	40.7		1.00	1	03/26/2021 21:02	WG1641309
Toluene	ND		1.00	1	03/26/2021 21:02	WG1641309
Ethylbenzene	ND		1.00	1	03/26/2021 21:02	WG1641309
o-Xylene	5.93		1.00	1	03/26/2021 21:02	WG1641309
m&p-Xylene	2.10		2.00	1	03/26/2021 21:02	WG1641309
Total Xylenes	8.03		3.00	1	03/26/2021 21:02	WG1641309
Methyl tert-butyl ether	2.68		1.00	1	03/26/2021 21:02	WG1641309
Naphthalene	ND		5.00	1	04/02/2021 09:33	WG1644427
(S) Toluene-d8	94.1		80.0-120		03/26/2021 21:02	WG1641309
(S) Toluene-d8	105		80.0-120		04/02/2021 09:33	WG1644427
(S) 4-Bromofluorobenzene	104		77.0-126		03/26/2021 21:02	WG1641309
(S) 4-Bromofluorobenzene	94.5		77.0-126		04/02/2021 09:33	WG1644427
(S) 1,2-Dichloroethane-d4	116		70.0-130		03/26/2021 21:02	WG1641309
(S) 1,2-Dichloroethane-d4	105		70.0-130		04/02/2021 09:33	WG1644427

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 21:21	WG1641309
Toluene	ND		1.00	1	03/26/2021 21:21	WG1641309
Ethylbenzene	ND		1.00	1	03/26/2021 21:21	WG1641309
o-Xylene	ND		1.00	1	03/26/2021 21:21	WG1641309
m&p-Xylene	ND		2.00	1	03/26/2021 21:21	WG1641309
Total Xylenes	ND		3.00	1	03/26/2021 21:21	WG1641309
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 21:21	WG1641309
Naphthalene	ND		5.00	1	04/02/2021 09:53	WG1644427
(S) Toluene-d8	93.6		80.0-120		03/26/2021 21:21	WG1641309
(S) Toluene-d8	106		80.0-120		04/02/2021 09:53	WG1644427
(S) 4-Bromofluorobenzene	102		77.0-126		03/26/2021 21:21	WG1641309
(S) 4-Bromofluorobenzene	93.8		77.0-126		04/02/2021 09:53	WG1644427
(S) 1,2-Dichloroethane-d4	119		70.0-130		03/26/2021 21:21	WG1641309
(S) 1,2-Dichloroethane-d4	107		70.0-130		04/02/2021 09:53	WG1644427

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 21:40	WG1641309
Toluene	ND		1.00	1	03/26/2021 21:40	WG1641309
Ethylbenzene	ND		1.00	1	03/26/2021 21:40	WG1641309
o-Xylene	ND		1.00	1	03/26/2021 21:40	WG1641309
m&p-Xylene	ND		2.00	1	03/26/2021 21:40	WG1641309
Total Xylenes	ND		3.00	1	03/26/2021 21:40	WG1641309
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 21:40	WG1641309
Naphthalene	ND		5.00	1	04/02/2021 10:13	WG1644427
(S) Toluene-d8	93.0		80.0-120		03/26/2021 21:40	WG1641309
(S) Toluene-d8	106		80.0-120		04/02/2021 10:13	WG1644427
(S) 4-Bromofluorobenzene	100		77.0-126		03/26/2021 21:40	WG1641309
(S) 4-Bromofluorobenzene	94.0		77.0-126		04/02/2021 10:13	WG1644427
(S) 1,2-Dichloroethane-d4	117		70.0-130		03/26/2021 21:40	WG1641309
(S) 1,2-Dichloroethane-d4	108		70.0-130		04/02/2021 10:13	WG1644427

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 21:59	WG1641309
Toluene	ND		1.00	1	03/26/2021 21:59	WG1641309
Ethylbenzene	ND		1.00	1	03/26/2021 21:59	WG1641309
o-Xylene	ND		1.00	1	03/26/2021 21:59	WG1641309
m&p-Xylene	ND		2.00	1	03/26/2021 21:59	WG1641309
Total Xylenes	ND		3.00	1	03/26/2021 21:59	WG1641309
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 21:59	WG1641309
Naphthalene	ND		5.00	1	04/02/2021 10:33	WG1644427
<i>(S) Toluene-d8</i>	95.2		80.0-120		03/26/2021 21:59	WG1641309
<i>(S) Toluene-d8</i>	105		80.0-120		04/02/2021 10:33	WG1644427
<i>(S) 4-Bromofluorobenzene</i>	102		77.0-126		03/26/2021 21:59	WG1641309
<i>(S) 4-Bromofluorobenzene</i>	93.3		77.0-126		04/02/2021 10:33	WG1644427
<i>(S) 1,2-Dichloroethane-d4</i>	117		70.0-130		03/26/2021 21:59	WG1641309
<i>(S) 1,2-Dichloroethane-d4</i>	109		70.0-130		04/02/2021 10:33	WG1644427

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2021 18:48	WG1641309
Toluene	ND		1.00	1	03/26/2021 18:48	WG1641309
Ethylbenzene	ND		1.00	1	03/26/2021 18:48	WG1641309
o-Xylene	ND		1.00	1	03/26/2021 18:48	WG1641309
m&p-Xylene	ND		2.00	1	03/26/2021 18:48	WG1641309
Total Xylenes	ND		3.00	1	03/26/2021 18:48	WG1641309
Methyl tert-butyl ether	ND		1.00	1	03/26/2021 18:48	WG1641309
Naphthalene	ND		5.00	1	04/02/2021 07:12	WG1644427
(S) Toluene-d8	95.5		80.0-120		03/26/2021 18:48	WG1641309
(S) Toluene-d8	107		80.0-120		04/02/2021 07:12	WG1644427
(S) 4-Bromofluorobenzene	107		77.0-126		03/26/2021 18:48	WG1641309
(S) 4-Bromofluorobenzene	96.1		77.0-126		04/02/2021 07:12	WG1644427
(S) 1,2-Dichloroethane-d4	115		70.0-130		03/26/2021 18:48	WG1641309
(S) 1,2-Dichloroethane-d4	106		70.0-130		04/02/2021 07:12	WG1644427

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3637256-3 03/26/21 16:30

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
o-Xylene	U		0.174	1.00
m&p-Xylenes	U		0.430	2.00
(S) Toluene-d8	97.6			80.0-120
(S) 4-Bromofluorobenzene	105			77.0-126
(S) 1,2-Dichloroethane-d4	115			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3637256-1 03/26/21 15:33 • (LCSD) R3637256-2 03/26/21 15:52

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	5.00	5.96	5.59	119	112	70.0-130			6.41	20
Ethylbenzene	5.00	5.22	4.85	104	97.0	70.0-130			7.35	20
Methyl tert-butyl ether	5.00	5.43	5.22	109	104	70.0-130			3.94	20
Toluene	5.00	5.09	4.79	102	95.8	70.0-130			6.07	20
Xylenes, Total	15.0	15.8	15.0	105	100	70.0-130			5.19	20
o-Xylene	5.00	4.95	4.78	99.0	95.6	70.0-130			3.49	20
m&p-Xylenes	10.0	10.8	10.2	108	102	70.0-130			5.71	20
(S) Toluene-d8				98.4	97.2	80.0-120				
(S) 4-Bromofluorobenzene				104	109	77.0-126				
(S) 1,2-Dichloroethane-d4				114	114	70.0-130				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3637526-3 04/02/21 01:49

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Naphthalene	U		1.00	5.00
(S) Toluene-d8	107			80.0-120
(S) 4-Bromofluorobenzene	95.3			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3637526-1 04/02/21 00:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	5.00	5.25	105	70.0-130	
(S) Toluene-d8			106	80.0-120	
(S) 4-Bromofluorobenzene			96.1	77.0-126	
(S) 1,2-Dichloroethane-d4			105	70.0-130	

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

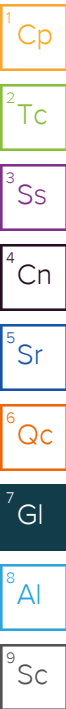
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Parent Name/Address:

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Report to:
Bethany Garvey

Billing Information:

Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Email To:
bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
Lewis Drive Surface Water

City/State
Collected: BELTON, SC

Please Circle:
PT MT CT ET

Phone: 770-604-9182

Client Project #
KMLDOM21

Lab Project #
KINCH2MGA-LEWIS

Collected by (print):
MEUSA WARREN

Site/Facility ID #
LEWIS DRIVE

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)

Quote #

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

Date Results Needed

No. of
Cntrs

Immediately
Packed on Ice N Y

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
SW11-032421	GRAB	GW	NA	03/24/21	1000	3
SW10-032421		GW			1010	
SW09-032421		GW			1015	
SW08-032421		GW			1020	
SW13-032421		GW			1030	
SW04-032421		GW			1045	
SW02-032421		GW			1050	
SW07-032421		GW			1105	
SW03-032421		GW			1120	
SW05-032421		GW			1130	

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: V8260BTEXMNSC = BTEX, Naphthalene, MTBE

pH _____ Temp _____
Flow _____ Other _____

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N

If Applicable

VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Samples returned via:
 UPS FedEx Courier

Tracking # 9517 5768 9370

Relinquished by: (Signature)
Date: 03/24/21 Time: 1800

Received by: (Signature)
Trip Blank Received: Yes No
HCL/MeOH TBR

Relinquished by: (Signature)
Date: _____ Time: _____

Received by: (Signature)
Temp: 21.6°C Bottles Received: 30
0.5+3=0.4

Relinquished by: (Signature)
Date: _____ Time: _____

Received for lab by: (Signature)
Date: 3/25/21 Time: 9:00

If preservation required by Login: Date/Time

Hold: _____ Condition: NCF / OK

Analysis / Container / Preservative

Chain of Custody Page 1 of 2



12065 Lebanon Road Mt Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>

SDG # L1330740

F035

Table #

Acctnum: KINCH2MGA

Template: T180503

Prelogin: P834729

PM: 526 - Chris McCord

PB: 3-16-2021 Gm

Shipped Via: FedEx Ground

Remarks Sample # (lab only)

21
22
23
24
25
26
27
28
29
30

V8260BTEXMNSC 40m/Amb-HCI

Pres Chk X

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400

Atlanta GA 30309

Report to:
Bethany Garvey

Billing Information:

Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Email To:
bethany.garvey@jacobs.com;tom.wiley@jacobs.com

Pres
Chk

Analysis / Container / Preservative



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



SDG # **L1330745**

Table # **F036**

Acctnum: **KINCH2MGA**

Template: **T155770**

Prelogin: **P758898**

PM: **526 - Chris McCord**

PB:

Shipped Via: **FedEX Ground**

Remarks Sample # (lab only)

Project Description: **Lewis Drive Surface Water** City/State Collected: **BELTON, SC** Please Circle: PT MT CT ET

Phone: **770-604-9182**

Fax:

Client Project #

KMLDOM21

Lab Project #

KINCH2MGA-LEWIS

P.O. #

Collected by (print):

MELISSA WARREN

Site/Facility ID #

LEWIS DRIVE

Collected by (signature):

Melissa Warren

Rush? (Lab MUST Be Notified)

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

Quote #

Date Results Needed

No. of
Cntrs

Immediately Packed on Ice N Y

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
		GW				3
		GW				3
		GW				3
		GW				3
		GW				3
TB01-032421				03/24/21		1

V8260BTEXMNSC 40m/Amb-HCl

TRIP BLANK

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: **V8260BTEXMNSC=BTEX + Naphthalene + MTBE.**

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
UPS FedEx Courier

Tracking # **9517 5768 9370**

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by: (Signature) *Melissa Warren*

Date: **03/24/21** Time: **1800**

Received by: (Signature) _____

Trip Blank Received: Yes No
(HCl/ MeOH TBR)

Relinquished by: (Signature) _____

Date: _____ Time: _____

Received by: (Signature) _____

Temp **17.00 °C** Bottles Received: **30**
0.5 + 3 = 0.4

If preservation required by Login: Date/Time

Relinquished by: (Signature) _____

Date: _____ Time: _____

Received for lab by: (Signature) *Bethany Garvey*

Date: **3/25/21** Time: **9:00**

Hold: _____ Condition: **NCF / OK**