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Bureau of Land and Waste Management
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Columbia, South Carolina 29201

Subject: Second Trimester 2020 Monitoring Report
Products (SE) Pipe Line Corporation
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), this Second Trimester 2020 Monitoring Report presents a summary of the work performed at the Lewis Drive Remediation Site in Belton, South Carolina between August 1 and November 30, 2020. The second 2020 trimester monitoring event (November event) included sitewide gauging, product collection, air sparging (AS) system operation/maintenance, and collection of groundwater and surface water samples for laboratory analysis. 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 event in September 2020, and sitewide gauging that included product recovery features (recovery sumps and wells) was conducted during the November trimester event. The majority of residuum monitoring wells and almost all recovery features (with the exception of RS-14, RS-17, and RW-09) had water levels well within their screened intervals to allow the detection of free-phase product, if present, at the site. Field observations made during this reporting period are summarized in Table 1. Stream and groundwater elevations are tabulated in Table 2. 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.

Water levels from the November 2020 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 flows from higher to lower topography. Cupboard Creek flows intermittently, indicating the primary direction of groundwater flow is northeast toward Browns Creek. The November 2020 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 the second trimester event, no product was recorded in any of the canisters. Table 3 shows the dates and quantities of product that was recovered.

Product thicknesses continue to be negligible. In November 2020, measurable product thicknesses were observed at only 4 of 97 features monitored, ranging from 0.01 foot in RS-01 to 0.17 foot in RW-03. Most notably, no monitoring well locations or recovery features within the BCPZ or the CCPZ contained measurable product. Product thickness and well gauging data are presented in Table 2. Figure 3 shows 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

Inspections of surface water features were performed monthly at the site during this reporting period. The inspection route of surface water features is presented on Figures 1, 2A, and 2B. No signs of distressed vegetation or hydrocarbon sheens were observed during the surface water inspections for this reporting period. 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 this reporting period, dissolved hydrocarbons were detected in surface water at 6 of the 13 locations sampled: SW-01, SW-02, SW-04, SW-08, SW-13, and SW-14 (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 [µg/L]; DHEC, 2014) and was isolated to SW-02 in November 2020. BTEX constituents have been nondetect at SW-12 since March 2020. Surface water sample results 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. Laboratory 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 this reporting period. Gauging was performed at select wells during the September 2020 mid-trimester event, and more comprehensive

gauging was conducted during the November 2020 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 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 for this reporting period demonstrate continued decreases in dissolved concentrations of hydrocarbons at MW-13/13B (Hayfield); MW-38 (BCPZ); and MW-20, MW-23, MW-46, and MW-57 (CCPZ). Areas showing increased concentrations are localized to the Hayfield Zone (MW-07, MW-09, and MW-50B) and CCPZ (MW-19). High-flow purging has been conducted at a select number of these locations (MW-07, MW-13B, MW-20, and MW-23) to evaluate if the wells were outside the capture zones of the biosparging treatment system, in accordance with the *Lewis Drive Revised Pumping Plan,* dated January 28, 2020 (Jacobs, 2020b), approved by DHEC in a letter date-stamped May 12, 2020 (DHEC, 2020b). The extents of dissolved concentrations in the Hayfield Zone and SBZ were stable with slight increases in the Hayfield zone (MW-07, MW-09, and MW-50B). These slight increases in the three Hayfield zone wells may either be associated with the horizontal air sparge (HAS) shutdown for the product rebound test conducted during this reporting period or high-flow purging associated with wells MW-07 and MW-50B, which could be drawing water from areas with higher concentrations into the monitoring well capture zones. The areas of MW-13 and MW-38 in the BCPZ may require additional measures to reduce hydrocarbon concentrations. MW-23 (CCPZ) showed stable concentrations during this 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 of 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 this reporting period are listed in Table 5A and shown on Figures 4A and 4B, and summarized in the following sections. Historical groundwater analytical results are listed 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 shows dissolved concentrations in 12 of the 17 monitoring wells sampled below TSLs or nondetect, with the remaining wells only showing exceedances of benzene and MTBE, and a sole toluene exceedance at MW-15B.

- 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 this year, detected (5.65 µg/L) only slightly above its TSL of 5.0 µg/L. MW-15B shows stable trends since the last trimester event with exceedances of benzene and toluene. The upgradient expansion AS wells may now be influencing the presence of dissolved concentrations at MW-15B. Additionally, high-flow purging was conducted in September 2020 at both of these monitoring wells.
- The installation of downgradient monitoring well MW-38B was completed on April 14, 2020. Concentrations have remained stable since July 2020, with benzene and MTBE exceeding their respective TSLs. MW-38 showed decreasing trends following oxidant injections in August 2019, but benzene and total xylenes have rebounded starting in February 2020 with a 53.2 percent decrease between the July and November sampling events. 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 has shown stable concentrations in 2020 with only MTBE exceeding TSLs.

3.2 Cupboard Creek Protection Zone

Dissolved concentrations in the CCPZ have decreased or stabilized in eight of nine residuum wells, with only MW-19 showing an increase in concentrations. The only TSL exceedances in this zone are for benzene and MTBE, with the exception of MW-19, MW-20, and MW-23. High-flow purging has been conducted at MW-20 and MW-23 in accordance with the *Lewis Drive Revised Pumping Plan* (Jacobs, 2020b).

- MW-20 is within the influence of the AS system and shows stable BTEX exceedances in 2020; however, in November benzene decreased 44.5 percent since July. 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 a considerable increase in BTEX concentrations since the March 2020 event, but concentrations have remained stable since July 2020. Benzene, toluene, and MTBE are currently above their respective TSLs. It is possible that the increased concentrations are related to the high flow purging at this well. This location will continue to be monitored to determine if changes are needed for remedial performance improvement.
- Monitoring wells MW-46 and MW-57 have shown a decrease in dissolved concentrations since the July 2020 event with all sampled constituents at MW-57 being nondetect for the first time since sampling began in April 2019 and BTEX concentrations being nondetect at MW-46 with only MTBE exceeding the TSL.

- Concentrations at MW-56 continue to decrease in 2020 with each constituent being nondetect or below the TSL for the first time since installation in April 2019.
- The installation of downgradient monitoring well MW-60 was completed on April 7, 2020. The dissolved hydrocarbon concentrations have fluctuated since installation; however, they have decreased since September and are below the TSLs for the first time. Additional monitoring wells have been approved by DHEC in correspondence dated January 23, 2020 (DHEC, 2020c), for installation downgradient of MW-60 after an access agreement is secured by PPL with the landowner.
- Constituents in MW-19 (within the AS system influence) are below TSLs with the exception of naphthalene.
- Constituents were nondetect in downgradient monitoring wells MW-23B, MW-26, MW-26B, and MW-29.

3.3 Hayfield Zone

Within the Hayfield Zone, 19 of the 27 monitoring wells sampled were nondetect or below TSLs, demonstrating the effectiveness of the AS system. Two locations had insufficient water for collection and analysis (MW-13 and MW-17). As of October 2020, only wells outside the AS system radius of influence, except MW-09, show concentrations above TSLs.

- MW-07 (upgradient of the CCPZ AS system) has shown an increase in BTEX concentrations since July 2020 but stable concentrations overall in 2020, with benzene, toluene, and naphthalene exceeding their respective TSLs.
- MW-09 is within the AS system radius of influence and has had BTEX concentrations below TSLs since June 2019 but has shown a slight increase in benzene and naphthalene, with concentrations exceeding the TSLs in November 2020.
- BTEX concentrations at MW-45 have been below TSLs in 2020; however, MTBE exceeded the TSL in July.
- Dissolved concentrations were above TSLs in 3 of the 10 bedrock wells that are outside the AS system radius of influence, with benzene concentrations ranging from 737 µg/L (MW-50B) to 4,020 µg/L (MW-17B) in November 2020. All other bedrock wells in the Hayfield Zone were nondetect or below TSLs during this reporting period.
    - MW-17B, which is upgradient of the Cupboard Creek AS curtain, has shown decreased BTEX concentrations since July with benzene, toluene, and MTBE exceeding their respective TSLs.
    - BTEX concentrations have remained stable in MW-13B since July, with benzene and MTBE exceeding their respective TSLs.
    - Benzene concentrations have increased in MW-50B since March and are above the TSL in addition to MTBE.

3.4 Shallow Bedrock Zone

The residuum and bedrock wells in the SBZ have been nondetect or below TSLs for this reporting period with the exception of MW-11. The BTEX concentrations at this location have been stable in 2020, but have shown a decrease of 47.6 percent since September 2019, with benzene, ethylbenzene, and toluene remaining 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 4A).

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

The average runtime for the AS system during this reporting period was approximately 96 percent. Air compressor downtime during this reporting period was associated with routine maintenance visits and sampling, and power outages due to weather.

There were approximately 4 days of planned downtime of the surface aerators associated with surface water sampling at the site. Prior to conducting the sampling, the stream aerators at Browns Creek were shut off for a 24-hour period and then restarted once sampling was completed. Power outages to the system accounted for 3 days of unplanned downtime. Power monitor alarms, multiple faults, and high sump pressures (caused by a suspected faulty valve and solenoid) associated with the system accounted for an additional day 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, 2020d), HAS wells were shut down for rebound analysis on October 1, 2020. With the HAS wells not operating, only one compressor was operated from October 1 through the end of the reporting period. 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 below:

- 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 11.6 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 15.1 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 performed using three horizontal AS wells (HAS-01, HAS-02, and HAS-03), with screen lengths of approximately 752, 715, and 377 feet, respectively. Prior to the October 1, 2020, shutdown of the HAS wells, flow rates in each of the three horizontal wells were maintained at approximately 0.45 scfm per foot of screen during this reporting period, resulting in the following approximate flows: 201, 401, and 198 scfm for HAS-01, HAS-02, and HAS-03, respectively.

To improve the effectiveness of the VAS wells in the areas of measurable light nonaqueous phase liquid (LNAPL), MW-20 in the CCPZ, and RW-4 and RW-7 in the SBZ, flowrates in select wells were increased to maximum design flows of 15 scfm in January 2020. On May 8, 2020, VAS flow rates were reduced from approximately 8 to 10 scfm to reduce observed daylighting of sparge air in the area of wells TW-67, TW-73, RW-11, and RW-12. Saturated soils, higher flow rates, and continuous sparge well operation were believed to be contributing factors to the sparge air daylighting. VAS flow rates are planned to remain at decreased flows and return to higher design flows when vadose soils have lower moisture levels. VAS wells operated in this reduced flow configuration through July 2020.

5. Additional Activities

Below is a summary of additional activities performed during August through November 2020:

- From September 8 to 12 and September 21 to 25, 2020, the following work activities were conducted by L.E. Bell (PPL subcontractor) of Heflin, Alabama, in accordance with the *Proposal to Remove Recovery Trench and Implement Improvements along Browns Creek Hill Slope*, submitted July 22, 2020 (Jacobs, 2020c), and approved by DHEC on August 18, 2020 (DHEC, 2020e). Details of this work are presented in the *Completion Report for Recovery Trench Removal/Replacement and Improvements along Browns Creek Hill Slope* (Jacobs, 2020d).
    - The Browns Creek recovery trench was removed by excavating and backfilling with clean sand mixed with granular activated carbon.
    - The rotted wood mats used to install the trench during emergency response activities in 2015, along with numerous tree stumps and woody debris on the hillslope above the trench, were removed using a track hoe, placed in roll-off containers, and transported for offsite disposal at a permitted facility.
    - The slope upgradient to Browns Creek was re-graded to improve site aesthetics and stormwater drainage, and all disturbed areas were seeded and stabilized with straw to promote revegetation and prevent erosion in accordance with the current stormwater management plan.
- Air sparge testing of three bedrock biosparging wells (VBS-01, VBS-02, and VBS-03) was conducted on October 6 and 7, 2020, in accordance with the work plan document titled *Request to Conduct Shallow Bedrock Zone Air Sparge Test*, submitted August 19, 2020 (Jacobs, 2020e), and approved by DHEC on September 28, 2020 (DHEC, 2020d). The primary objective of the testing was to evaluate the feasibility of injecting air into the bedrock, Test results indicated there is insufficient fracture aperture and density to permit air flow, even at 100+ pounds per square inch; therefore, air sparging of bedrock at these depths is determined impractical, and no further evaluation of bedrock sparging is planned. Further details of the testing activities will be presented in the *Completion Report for Shallow Bedrock Zone Air Sparge Test* to be submitted separately.

- Operation of HAS wells was temporarily halted on October 1, 2020 to conduct a product rebound study in accordance with the letter submitted to DHEC on August 24, 2020 (Jacobs, 2020f), and approved by DHEC in letter correspondence dated September 28, 2020 (DHEC, 2020d). It was determined that one compressor could handle the current flow demand of the system while the HAS wells were turned off for the rebound study; therefore, on October 13, 2020, air compressor #1 was shut off.
- Remediation-derived waste (RDW) liquids consisting of purge water and petroleum-contact water recovered from canisters were temporarily stored onsite in the two 1,500-gallon poly tanks within the security fence of the AS system compound. On September 1, 2020, approximately 1,950 gallons of RDW liquids were transferred from these two poly tanks into a vac truck, transported by A&D Environmental, and disposed at the A&D Environmental Services, Inc. facility in Archdale, North Carolina. On September 24, 2020, approximately 2,244 gallons were transferred from the two onsite poly tanks into a vac truck, transported, and disposed at the A&D Environmental Services, Inc. facility in Archdale, North Carolina. See Attachment E for the RDW waste manifests and waste profile.
- Soil, gravel, and wooden truck mats generated during the removal of the recovery trench located west of Browns Creek were placed in dump trucks as well as lined and covered roll-off containers. From September 22, 2020 to September 25, 2020, eight roll-off containers and three dump truck loads, containing soil and gravel, were transported by A&D Environmental for disposal to the Republic Services Union County Regional Landfill in Enoree, South Carolina. Additionally, A&D Environmental transported six dump trucks containing C&D wooden truck mats on September 22, 2020 for disposal to the Republic Services Union County Regional Landfill in Enoree, South Carolina. See Attachment E for the waste profile, waste manifest, and recertification extension letter from Republic Services.

6. Summary of Findings

The following conclusions are based on site work performed during this reporting period between August 1 and November 30, 2020:

- Product thickness values have declined to negligible levels in both recovery and nonrecovery features across the site. Of the 96 monitoring features gauged during the November 2020 event, 4 locations had measurable product ranging between 0.01 and 0.17 foot. Additionally, free-phase product has not been detected at any monitoring well locations or recovery features within the BCPZ or CCPZ.
- 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 58 residuum and bedrock well groundwater samples analyzed during the November 2020 event, 72.4 percent of the wells were nondetect or below TSLs for constituents analyzed. Benzene concentrations in MW-14B and MW-36 (Hayfield) are nondetect for the first time since May 2016 and November 2016, 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:
  - Very little rebound has been observed at these well locations in the CCPZ and, as of November, all three monitoring wells are nondetect for BTEX.
  - Rebound has been observed in the MW-38 area (BCPZ) and an expansion of the air sparge system is being planned pending DHEC approval.
- The results of 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-07 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-07 and MW-50B, southwest and east of the Hayfield HAS system, show an increase in BTEX concentrations since March 2020, which may be due to the HAS shutdown in October 2020 to conduct the product rebound test, or due to high-flow purging at these wells.
  - The area northwest of Lewis Drive shows stable concentrations at monitoring wells MW-13/13B (Hayfield) and MW-38 (BCPZ) since July 2020. The August 2019 injections focused in the area of MW-38. An additional bedrock monitoring well (MW-38B) was installed in April 2020 to further delineate dissolved concentrations in this area (DHEC, 2020c). If improved remedial performance is required, 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 in downgradient wells MW-23, MW-46, MW-56, and MW-57 (CCPZ). An additional monitoring well (MW-60, side-gradient of MW-46) was installed in April 2020 (DHEC, 2020c) and shows concentrations being nondetect or below TSLs in November 2020. 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.
- Hayfield Zone remediation has resulted in the majority of the TSL exceedances being outside the AS system radius of influence, except for MW-09 exceeding its TSLs for benzene and naphthalene. Rebound monitoring is planned for this area of the site.

- 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 November 2020.
- The AS system was operating at approximately 96 percent for the reporting period. Operating flows in the stream aerators, HAS wells, and VAS wells were maintained at approximately 100 percent, 67 percent, and 60 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 Table 1 of the *Groundwater and Surface Water Monitoring and Reporting Plan (April 1, 2020 to March 31, 2021)* (Jacobs, 2020a). Groundwater concentration trends in the monitoring well network will continue to be assessed to improve the monitoring well network, optimize the AS system, and/or identify areas for potential additional remediation. A revised Table 1, covering the time period from April 1, 2021 to March 31, 2022 will be developed and submitted to DHEC for approval.
- 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 to address dissolved hydrocarbon concentrations in select bedrock and residuum wells that are not under the direct influence of the AS system will be submitted for DHEC review and approval.

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.

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South Carolina Department of Health and Environmental Control (DHEC). 2020d. 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.

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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.

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.

JONATHAN E. GRIMES REGISTERED No. 2235 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

Jonathan Grimes, P.G.
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February 5, 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, Second Trimester 2020
Table 4B – Analytical Results for Surface Water, Historical
Table 5A – Analytical Results for Groundwater, Second Trimester 2020
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 3 – Site Features with Measurable Product
Figure 4A – Groundwater Analytical Results in Residuum Aquifer, March 2020 through November 2020
Figure 4B – Groundwater Analytical Results in Bedrock Aquifer, March 2020 through November 2020

Attachment A – Product Thickness Trends
Attachment B – Surface Water Analytical Trends
Attachment C – Groundwater Analytical Trends
Attachment D – Analytical Laboratory Reports
Attachment E – Remediation-Derived Waste Documentation

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.)
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.

Notes:
ATV = all terrain vehicle
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	Date	Depth to Product (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Toc of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
MW-01	11/10/2020	--	9.19	--	853.07	843.88	--	
MW-01B	11/10/2020	--	10.46	--	852.99	842.53	--	
MW-04	11/10/2020	--	13.78	--	844.42	830.64	--	
MW-06B	11/10/2020	--	12.50	--	852.57	840.07	--	
MW-07	9/15/2020	--	10.42	--	853.02	842.60	--	
	11/10/2020	--	12.12	--	--	840.90	--	
MW-09	11/11/2020	--	15.71	--	843.63	827.92	--	
MW-09B	11/10/2020	--	16.79	--	843.92	827.13	--	
MW-11	9/15/2020	--	27.18	--	855.63	828.45	--	
	11/10/2020	--	29.73	--	--	825.90	--	
MW-12	11/10/2020	--	13.13	--	834.53	821.40	--	
MW-12B	9/15/2020	--	13.26	--	834.98	821.72	--	
	11/10/2020	--	13.42	--	--	821.56	--	
MW-13	9/15/2020	--	20.00	--	848.84	828.84	--	
	11/10/2020	--	21.85	--	--	826.99	--	
MW-13B	9/15/2020	--	20.75	--	849.82	829.07	--	
	11/10/2020	--	23.30	--	--	826.52	--	
MW-14	11/10/2020	--	16.31	--	838.70	822.39	--	
MW-14B	11/10/2020	--	17.00	--	840.20	823.20	--	
MW-15	11/10/2020	--	10.68	--	831.03	820.35	--	
MW-15B	9/15/2020	--	15.18	--	831.29	816.11	--	
	11/10/2020	--	14.82	--	--	816.47	--	
MW-17	11/10/2020	--	10.88	--	855.35	844.47	--	
MW-17B	9/15/2020	--	13.00	--	855.37	842.37	--	
	11/10/2020	--	13.94	--	--	841.43	--	
MW-18	11/10/2020	--	17.21	--	846.89	829.68	--	
MW-19	11/10/2020	--	9.25	--	853.94	844.69	--	
MW-20	9/15/2020	--	9.79	--	852.89	843.10	--	
	11/10/2020	--	10.15	--	--	842.74	--	
MW-21	11/10/2020	--	14.44	--	855.77	841.33	--	
MW-22	11/10/2020	--	9.85	--	854.60	844.75	--	
MW-23	9/15/2020	--	8.34	--	849.57	841.23	--	
	11/10/2020	--	8.27	--	--	841.30	--	
MW-23B	11/10/2020	--	7.40	--	849.69	842.29	--	
MW-24	11/10/2020	--	3.48	--	817.92	814.44	--	
MW-24B	11/10/2020	--	4.40	--	818.72	814.32	--	
MW-25	11/10/2020	--	7.44	--	826.18	818.74	--	

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	Date	Depth to Product (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Toc of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
MW-25B	11/10/2020	--	3.73	--	823.81	820.08	--	
MW-26	11/10/2020	--	4.81	--	847.56	842.75	--	
MW-26B	11/10/2020	--	8.68	--	847.81	839.13	--	
MW-27	11/10/2020	--	25.49	--	854.11	828.62	--	
MW-27B	11/10/2020	--	27.11	--	857.14	830.03	--	
MW-28	11/10/2020	--	21.86	--	844.31	822.45	--	
MW-29	11/10/2020	--	8.15	--	852.20	844.05	--	
MW-32	11/10/2020	--	20.40	--	842.93	822.53	--	
MW-33T	11/10/2020	--	27.42	--	849.11	821.69	--	
MW-35	11/10/2020	--	8.82	--	829.40	820.58	--	
MW-36	9/15/2020	--	16.16	--	858.47	842.31	--	
	11/10/2020	--	16.92	--	--	841.55	--	
MW-36B	11/10/2020	--	16.72	--	858.15	841.43	--	
MW-37	9/15/2020	--	3.05	--	813.92	810.87	--	
	11/10/2020	--	2.98	--	--	810.94	--	
MW-38	9/15/2020	--	1.30	--	813.28	811.98	--	
	11/10/2020	--	1.10	--	--	812.18	--	
MW-38B	9/15/2020	--	3.57	--	815.87	812.30	--	
	11/10/2020	--	3.32	--	--	812.55	--	
MW-39	9/15/2020	--	4.62	--	819.90	815.28	--	
	11/10/2020	--	4.08	--	--	815.82	--	
MW-40	9/15/2020	--	2.28	--	817.79	815.51	--	
	11/10/2020	--	1.75	--	--	816.04	--	
MW-41	9/15/2020	--	4.12	--	819.68	815.56	--	
	11/10/2020	--	3.68	--	--	816.00	--	
MW-42	11/10/2020	--	4.42	--	820.33	815.91	--	
MW-45	9/15/2020	--	11.83	--	852.47	840.64	--	
	11/10/2020	--	12.06	--	--	840.41	--	
MW-45B	11/10/2020	--	12.48	--	852.85	840.37	--	
MW-46	11/10/2020	--	7.32	--	845.47	838.15	--	
MW-47	11/10/2020	--	18.90	--	842.98	824.08	--	
MW-48B	11/10/2020	--	17.32	--	832.34	815.02	--	
MW-50B	9/15/2020	--	20.76	--	850.34	829.58	--	
	11/10/2020	--	23.74	--	--	826.60	--	
MW-51	11/10/2020	--	17.99	--	831.92	813.93	--	
MW-52	11/10/2020	--	16.42	--	830.09	813.67	--	
MW-53	11/10/2020	--	11.83	--	837.37	825.54	--	

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	Date	Depth to Product (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Toc of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
MW-54	11/10/2020	--	14.86	--	840.79	825.93	--	
MW-55	11/10/2020	--	18.61	--	859.71	841.10	--	
MW-56	9/15/2020	--	6.53	--	843.94	837.41	--	
	11/10/2020	--	6.27	--	--	837.27	--	
MW-57	9/15/2020	--	8.10	--	845.63	837.53	--	
	11/10/2020	--	7.87	--	--	837.76	--	
MW-60	9/15/2020	--	7.00	--	844.88	837.88	--	
	11/10/2020	--	6.62	--	--	838.26	--	
RS-01	11/10/2020	14.58	14.59	0.01	849.13	834.54	834.55	
RS-02	11/10/2020	--	12.61	--	849.52	836.91	--	
RS-04	11/10/2020	--	9.70	--	851.47	841.77	--	
RS-05	11/10/2020	--	14.29	--	848.31	834.02	--	
RS-06	11/10/2020	--	13.6	--	849.47	835.87	--	
RS-07	11/10/2020	--	11.78	--	855.08	843.30	--	
RS-08	11/10/2020	--	12.33	--	854.24	841.91	--	
RS-09	11/10/2020	--	--	--	847.60	--	--	Dry
RS-10	11/10/2020	--	13.68	--	847.42	833.74	--	
RS-11	11/10/2020	--	12.05	--	847.44	835.39	--	
RS-12	11/10/2020	--	12.37	--	847.74	835.37	--	
RS-13	11/10/2020	--	--	--	845.98	--	--	Dry
RS-14	11/10/2020	--	--	--	845.97	--		Dry
RS-15	11/10/2020	--	11.49	--	846.77	834.92	--	
RS-16	11/10/2020	--	16.45	--	845.44	828.99	--	
RS-17	11/10/2020	--	--	--	844.22	--		Dry
RS-18	11/10/2020	--	15.48	--	847.89	832.41	--	
RS-20	11/10/2020	--	--	--	842.69	--	--	Dry
RT-1A	11/10/2020	--	12.10	--	854.06	841.96	--	
RT-1B	11/10/2020	--	11.51	--	854.15	842.64	--	
RT-1C	11/10/2020	--	11.52	--	854.55	843.03	--	
RW-01	11/11/2020	--	14.10	--	851.92	837.82	--	
RW-02	11/11/2020	24	24.15	0.15	852.69	828.54	828.69	
RW-03	11/11/2020	24.39	24.56	0.17	852.34	827.78	827.95	
RW-05	11/11/2020	--	--	--	853.53	--	--	Dry
RW-06	11/10/2020	--	25.12	--	846.21	821.09	--	
RW-07	11/11/2020	--	22.12	--	843.19	821.07	--	
RW-08	11/10/2020	--	14.96	--	835.48	820.52	--	
RW-09	11/10/2020	--	12.50	--	835.12	822.62	--	

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	Date	Depth to Product (ft btoc)	Depth to Water (ft btoc)	Product Thickness (ft)	Toc of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)	Corrected Groundwater Elevation (ft amsl)	Notes
RW-10	11/10/2020	16.21	16.23	0.02	848.53	832.32	832.34	
RW-11	11/10/2020	--	10.15	--	852.97	842.82	--	sparging
RW-12	11/10/2020	--	12.90	--	854.49	841.59	--	sparging
RW-14	11/10/2020	--	9.05	--	827.54	818.49	--	
RW-15	11/10/2020	--	14.36	--	851.64	837.28	--	
SW-01	11/11/2020	--	-2.05	--	812.82	814.87	--	
SW-02	11/11/2020	--	-2.00	--	808.65	810.65	--	
SW-03	11/11/2020	--	--	--	815.09	815.09		Dry, water not flowing
SW-05	11/11/2020	--	--	--	838.75	838.75	--	Dry
SW-08	11/11/2020	--	-1.00	--	802.04	803.04	--	
SW-10	11/11/2020	--	-0.56	--	778.09	778.65	--	

Notes:

amsl = above mean sea level

btoc = below top of casing

ft = foot/feet

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 18 Volume Recovered (gal)	Month 19 Volume Recovered (gal)	Month 20 Volume Recovered (gal)	Total Recovered to Date (gal)	Note
Date	**3/9/2020**	**7/6/2020**	**11/10/2020**		
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	0.002	-	-	**0.002**	
RS-17	-	-	-	**-**	
RW-02	-	0.001	-	**0.001**	
RW-03	-	-	-	**-**	
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:	**0.002**	**0.001**	**-**	**0.002**	

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, Second Trimester 2020

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	SW01-080620	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
SW-02	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**	
	SW02-111120	11/11/2020	µg/L	**20.2**		1	U	**1.66**		**2.67**		**6.99**		5	U	**5.10**	
SW-03	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
SW-04	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**	
SW-05	SW05-080620	8/6/2020	--	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	
	--	10/20/2020	--	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	
SW-07	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
SW-08	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**	
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

Table 4A. Analytical Results for Surface Water, Second Trimester 2020

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-10	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
	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
SW-11	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
SW-12	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
SW-13	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**	
SW-14	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**	

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

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 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
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	

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	SW02-031115	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	
	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	

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	SW02-121417	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**	
	SW02-111120	11/11/2020	µg/L	**20.2**		1	U	**1.66**		**2.67**		**6.99**		5	U	**5.10**	
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	

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	SW03-042215	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	
	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

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	SW03-030918	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
SW-04	SW-DOWNGRADIENT	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	

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	SW04-071515	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	
	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

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	SW04-091418	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**	
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	

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	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			
	--	5/4/2017	--	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			
	--	7/18/2017	--	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			
	--	9/5/2017	--	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			
	--	12/14/2017	--	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			
	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			
	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			
	--	7/12/2018	--	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			
	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		

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	--	6/4/2019	--	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	
	--	8/20/2019	--	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	
	--	10/22/2019	--	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	
	--	12/20/2019	--	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	
	--	9/15/2020	--	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	
	--	11/11/2020	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
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	

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	--	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			
	--	6/13/2017	--	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			
	--	8/2/2017	--	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			
	--	12/5/2017	--	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			
	--	1/9/2018	--	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			
	--	3/9/2018	--	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			
	--	5/3/2018	--	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			
	--	7/12/2018	--	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			
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			

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	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	
	--	9/24/2015	--	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	
	--	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	
	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	
	--	9/5/2017	--	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

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	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	
	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	
	--	8/20/2019	--	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	
	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	
	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
	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
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	

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-08	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	
	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

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-08	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
	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**	
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	

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-09	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	
	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

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-09	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
	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
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	

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-10	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	
	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

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-10	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
	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
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	
	SW-11-033017	3/30/2017	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-11	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-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-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
	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
	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

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	SW12-021020	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
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**	
	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

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	SW13-030719	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
	SW13-091819	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**	
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	
	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

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-14	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**	
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	
	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	

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-01	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	
	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

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-02	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	
	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

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

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, Second Trimester 2020

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-01-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-01B	MW-01B-111220	11/12/2020	µg/L	**4.60**		1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-04	MW-04-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-06B	MW-06B-111220	11/12/2020	µg/L	1	U	1	U	**2.35**		3	U	1	U	1	U	5	U	--	
MW-07	MW-07-091820	9/18/2020	µg/L	**503**		**466**		**1,170**		**3,520**		1	U	1	U	**58.5**		--	
	MW-07-111220	11/12/2020	µg/L	**534**		**253**		**1,190**		**2,090**		1	U	1	U	**31.9**		--	
MW-09	MW-09-111220	11/12/2020	µg/L	**8.83**		**87.0**		**429**		**1,450**		1	U	1	U	**33.0**		--	
MW-09B	MW-09B-111220	11/12/2020	µg/L	**2.83**		**2.71**		**10.4**		**20.5**		1	U	1	U	5	U	--	
MW-11	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-12	MW-12-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-12B	MW-12B-091620	9/16/2020	µg/L	**19.5**		**1.38**		2.81	U	**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-13	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	
MW-13B	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-14	MW-14-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	**3.22**		5	U	--	
MW-14B	MW-14B-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	**6.63**		5	U	--	
MW-15	MW-15-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	**2.41**		5	U	--	
MW-15B	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-17	--	11/10/2020	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
MW-17B	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-18	MW-18-111220	11/12/2020	µg/L	**2.12**		**2.07**		**6.04**		**22.8**		1	U	**12.5**		**10.2**		--	
MW-19	MW-19-111120	11/11/2020	µg/L	**3.98**		**7.87**		**74.4**		**252**		1	U	1	U	**32.2**		--	
MW-20	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-21	MW-21-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-22	--	11/10/2020	--	NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW		NS-IW	
MW-23	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-23B	MW-23B-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-24	MW-24-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-24B	MW-24B-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5A. Analytical Results for Groundwater, Second Trimester 2020

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-25	MW-25-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-25B	MW-25B-111220	11/12/2020	µg/L	**3.77**		1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-26	MW-26-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
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-27	MW-27-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-27B	MW-27B-111220	11/12/2020	µg/L	1	U	**1.78**		**3.27**		**13.6**		1	U	1	U	5	U	--	
MW-28	MW-28-111220	11/12/2020	µg/L	**3.07**		1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-29	MW-29-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-32	MW-32-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-33T	MW-33T-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-35	MW-35-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-36	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	--	
MW-36B	MW-36B-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-37	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-38	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-38B	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-39	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-40	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-41	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-42	MW-42-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-45	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-45B	MW-45B-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-46	MW-46-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	**62.2**		5	U	--	
MW-47	MW-47-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-48B	MW-48B-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-50B	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-51	MW-51-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	**3.23**		5	U	--	
MW-52	MW-52-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	

Table 5A. Analytical Results for Groundwater, Second Trimester 2020

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-53	MW-53-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-54	MW-54-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-55	MW-55-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
MW-56	MW-56-091520	9/15/2020	µg/L	1	U	1	U	1	U	3	U	1	U	**48.5**		5	U	--	
	MW-56-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	**31.4**		5	U	--	
MW-57	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	U	3	U	1	U	1	U	5	U	--	
MW-60	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	--	

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

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

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-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-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-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	

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-02-062917	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**		--	
	MW-02-100417	10/4/2017	µg/L	**3,510**		**306**		**11,900**		**11,200**		50	U[b]	**53.9**		250	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	1	U	5	U	--	
	MW-02-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-02-120618	12/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-02-030719	3/7/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-02-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-02-091819	9/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-02-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	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	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
MW-02B	MW-02B-080415	8/4/2015	µg/L	5	U[b]	5	U	5	U	10	U	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	
	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	
	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	--	
	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	--	

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-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	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
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	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
MW-04	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
	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	--	

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-04-091318	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-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	--	
	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	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	

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-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	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
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	--	
	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-07	--	7/27/2015	--	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	
	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	
	--	10/3/2017	--	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	

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-07	--	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-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	µg/L	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	
	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	
	--	12/16/2019	--	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-07-111220	11/12/2020	µg/L	**534**		**253**		**1,190**		**2,090**		1	U	1	U	**31.9**		--	
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	--	

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	--	7/6/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
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-09-031320	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-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	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	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-10	MW-10-072815	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-10-012616	1/26/2016	µg/L	1	U	1	U	1	U	2	U	1	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	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	--	

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-10-071717	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-10-120618	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	--	
	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	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
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]	--	

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-11	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]	--	
	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-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]	--	
	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	U	1	U	1	U	3	U	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	U	1	U	**3.94**		**4.86**		1	U	1	U	5	U	--	
	MW-12-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-12-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-12-121719	12/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-12-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-12-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-12-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	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	U	1	U	1	U	1	U	1	U	1	U	1	U	--	
	MW-12B-031417	3/14/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-12B-032017	3/20/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-12B-033117	3/31/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-12B-040617	4/6/2017	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-12B-062817	6/28/2017	µg/L	**30.1**		1	U	**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	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-12B-030818	3/8/2018	µg/L	**3.06**		1	U	1	U	3	U	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**		--	

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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-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	U	15.2		5	U	5	U	25	U	--	
	MW-12B-082219	8/22/2019	µg/L	27.0		3.54		1	U	3	U	1	U	1	U	5.94		--	
	MW-12B-091919	9/19/2019	µg/L	23.1		2.33		1	U	3	U	1	U	1	U	5	U	--	
	MW-12B-110619	11/6/2019	µg/L	2.73		1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-12B-122019	12/20/2019	µg/L	1.09		1	U	1	U	3	U	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	U	1.27		6.05		1	U	1	U	8.14		--	
	MW-12B-050620	5/6/2020	µg/L	23.9		1	U	1	U	3	U	1		1		9.01		--	
	MW-12B-070820	7/8/2020	µg/L	10.7		1	U	1	U	3	U	1		1		6.58		--	
	MW-12B-091620	9/16/2020	µg/L	19.5		1.38		2.81	U	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-13	--	7/27/2015	--	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	0.02	U
	--	11/28/2016	--	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	
	--	12/4/2017	--	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	
	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	
	--	12/16/2019	--	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	--	
	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	
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	

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-13B	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		--	
	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-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-14B	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	--	

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-14B	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	--	
	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	U	3	U	1	U	**6.63**		5	U	--	
MW-15	MW-15-080415	8/4/2015	µg/L	5	U[b]	5	U	5	U	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	U	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	U	3	U	1	U	**15.9**		5	U	--	
	MW-15-030619	3/6/2019	µg/L	1	U	1	U	1	U	3	U	1	U	**2.57**		5	U	--	
	MW-15-060519	6/5/2019	µg/L	**1.03**		1	U	1	U	3	U	1	U	**4.33**		5	U	--	
	MW-15-091919	9/19/2019	µg/L	**1.25**		1	U	1	U	3	U	1	U	**4.73**		5	U	--	
	MW-15-121819	12/18/2019	µg/L	1	U	1	U	1	U	3	U	1	U	**3.33**		5	U	--	
	MW-15-031020	3/10/2020	µg/L	1	U	1	U	1	U	3	U	1	U	**4.19**		5	U	--	
	MW-15-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-15-111220	11/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	**2.41**		5	U	--	
MW-15B	MW-15B-080415	8/4/2015	µg/L	5	U[b]	5	U	5	U	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	U[b]	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-16	--	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-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	
	--	12/7/2017	--	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	
	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**		--	
	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**		--	

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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-16	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	1	U	5	U	--	
	--	7/6/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
MW-17	--	7/27/2015	--	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	
	--	11/28/2016	--	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	
	--	3/20/2017	--	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	
	--	4/6/2017	--	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	
	--	9/5/2017	--	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	
	--	3/5/2018	--	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	
	--	9/10/2018	--	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	
	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	
	--	12/16/2019	--	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	5	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	
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]	--	
	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**		--	

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-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-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		--	
	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		--	

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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-19	--	7/27/2015	--	NS-FP		NS-FP		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		NS-IW		NS-IW	
	--	3/13/2017	--	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	
		3/31/2017	--	NS-IW		NS-IW		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		NS-IW	
	--	12/4/2017	--	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	
	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	U	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	U	**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		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	U	**35.1**		1	U	1	U	**68.4**		--	
	MW-19-070720	7/7/2020	µg/L	1	U	1	U	1	U	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-20	--	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	
	--	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	
	--	5/4/2017	--	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	
	--	7/17/2017	--	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	
	--	9/5/2017	--	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	
	--	11/8/2017	--	NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP		NS-FP	

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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	--	12/4/2017	--	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	
	--	2/6/2018	µg/L	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	
	--	4/6/2018	--	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	
	--	6/4/2018	--	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	
	--	12/3/2018	--	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	
	--	11/4/2019	--	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]	--	
	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-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	--	
	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	--	

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-21-030519	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-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	--	
	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-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

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-23-120216	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	--	
	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]	--	

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-23B	MW-23B-080515	8/5/2015	µg/L	5	U[b]	5	U	**7.00**		10	U	5	U[b]	5	U	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	1	U	5	U	--	
	MW-23B-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-23B-030519	3/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-23B-060519	6/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-23B-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-23B-121719	12/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-23B-031220	3/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-23B-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-23B-111120	11/11/2020	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-24-030818	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	--	

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-24	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-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	--	
	MW-24B-111220	11/12/2020	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	--	

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-25	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-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	--	
	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-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	--	

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-26-032017	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	--	
	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-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	--	

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-26B	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	--	
	MW-26B-111120	11/11/2020	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-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**		--	

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-27B	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-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	
	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	
	--	3/31/2017	--	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	
	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	
	--	11/7/2017	--	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	
	--	1/9/2018	--	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	--	

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-28-121919	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-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	--	
	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	--	

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-30-012516	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	--	
	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	
	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	
	--	12/16/2019	--	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	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
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	--	

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-31	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	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
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-32-070720	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-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	--	

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-33T	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-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	--	
	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	--	

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-34	MW-34-031020	3/10/2020	µg/L	**1.54**		1	U	1	U	**3.06**		1	U	**167**		5	U	--	
	--	7/6/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
MW-35	MW-35-051016	5/10/2016	µg/L	1	U	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	--	
	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-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]	--	

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-36-060718	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	--	
	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	U	3	U	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	--	
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	--	
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	--	

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-37-091218	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	--	
	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-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**		--	

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-38-021919	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]	--	
	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	U	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-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-39	MW-39-120716	12/7/2016	µg/L	6,320		682		1,290		3,650		50	U[b]	311		86		--	
	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	--	
	MW-39-091218	9/12/2018	µg/L	1	U	1	U	1	U	3	U	1	U	176		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-39	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	--	
	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-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**		--	
	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	--	

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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-40	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	--	
	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-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	1	U	5	U	--	
	MW-41-030818	3/8/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-41-040618	4/6/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	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	--	

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-41-121819	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	--	
	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-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	--	
	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-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	--	

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-43	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	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
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	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
MW-44	--	3/13/2017	--	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	
	--	12/4/2017	--	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	1	U	3	U	1	U	1	U	5	U	--	
	MW-44-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44-091318	9/13/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44-030519	3/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44-060419	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-44-121919	12/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44-031220	3/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	7/6/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
MW-44B	MW-44B-031317	3/13/2017	µg/L	1	U	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	--	

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-44B	MW-44B-030818	3/8/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-060518	6/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-091118	9/11/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-120518	12/5/2018	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-030519	3/5/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-060419	6/4/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-091919	9/19/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-121719	12/17/2019	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	MW-44B-031220	3/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--	
	--	7/6/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
MW-45	--	3/13/2017	--	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	
	--	3/31/2017	--	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	
	--	5/3/2017	--	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	
	--	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-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	
	MW-45-021220	2/12/2020	µg/L	1	U	1	U	1	U	3	U	1	U	**19.5**		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-45	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-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	
	MW-45B-120717	12/7/2017	µg/L	1	U	1	U	**3.26**		3	U	1	U	1	U	5	U	--	
	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-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]	--	

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-46	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-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-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	1	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	--	
	MW-48B-111220	11/12/2020	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	--	

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	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	--	
	--	7/6/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
	--	11/10/2020	µg/L	NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS		NS-SS	
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-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-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	--	
	MW-52-021120	2/11/2020	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-52	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-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	--	
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-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	--	
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]	--	
	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	--	

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-56	MW-56-072220	7/22/2020	µg/L	1	U	1	U	1	U	3	U	1	U	**55.3**		5	U	--	
	MW-56-091520	9/15/2020	µg/L	1	U	1	U	1	U	3	U	1	U	**48.5**		5	U	--	
	MW-56-111120	11/11/2020	µg/L	1	U	1	U	1	U	3	U	1	U	**31.4**		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	U	3	U	1	U	1	U	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	--	

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

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

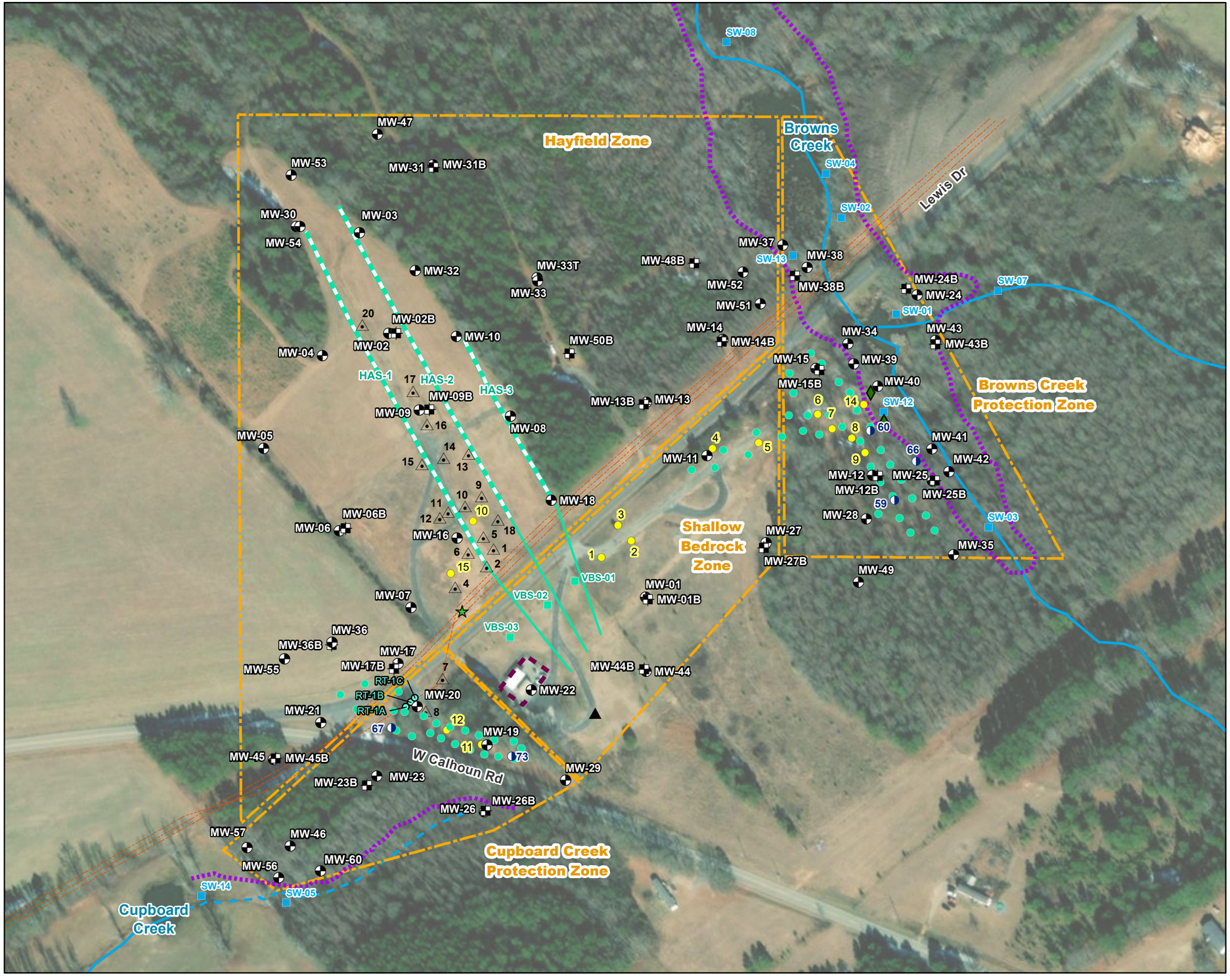
NS-OL = sample not collected because it was overlooked in the field

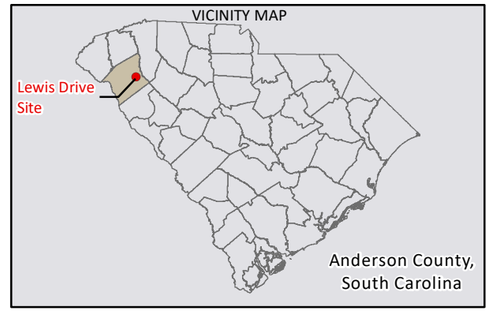
NS-SL = sample not analyzed due to sample being lost in transit to laboratory

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

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

Figures





LEGEND

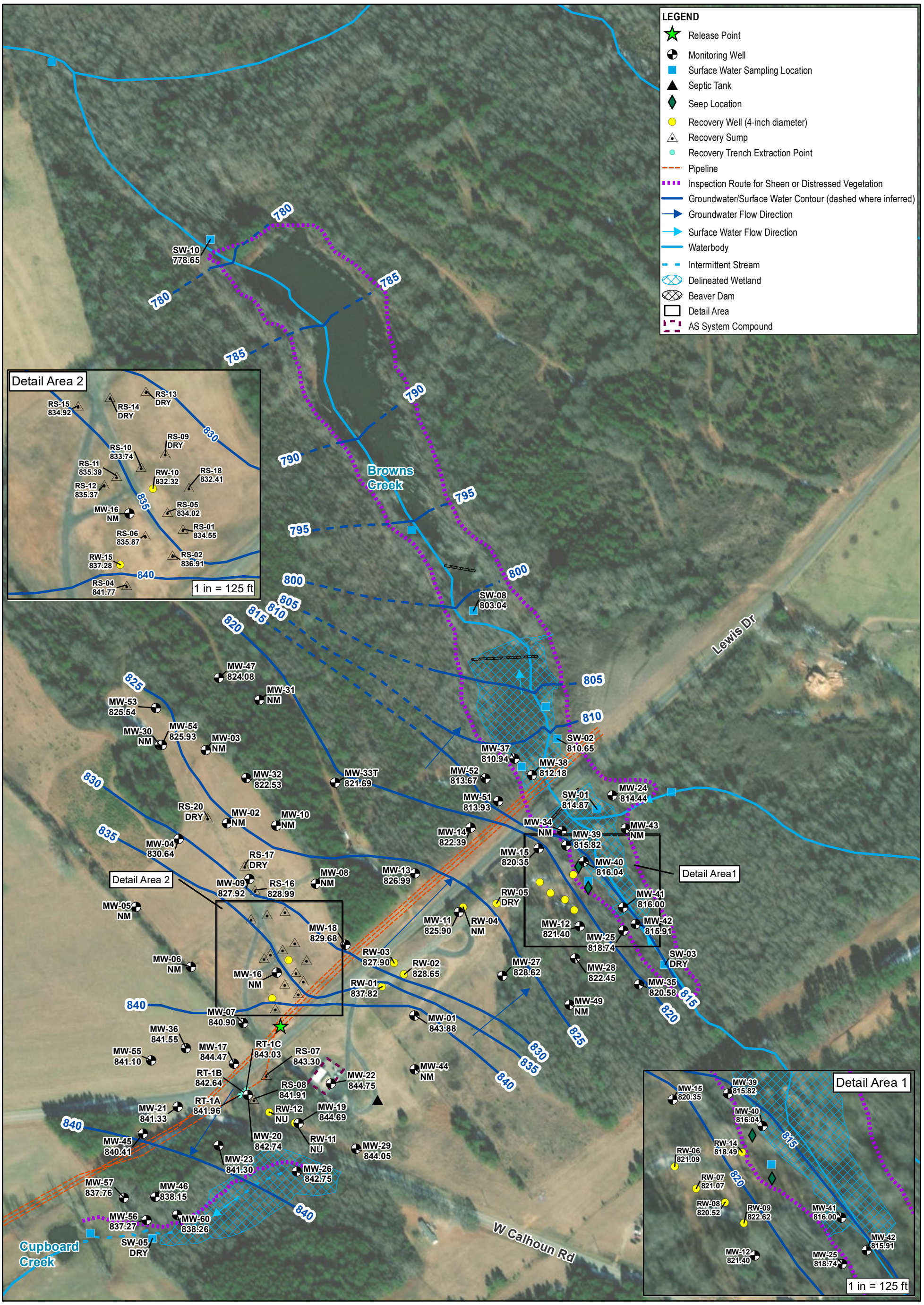
- Release Point
- Residuum Monitoring Well
- Bedrock Monitoring Well
- Piezometer
- Recovery Sump
- Recovery Trench Point
- Recovery Well (4-inch diameter)
- Surface Water Sampling Location
- Septic Tank
- Seep Location
- Vertical Bedrock Sparging Well
- Vertical Saprolite Sparging Well
- Pipeline
- 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"

Jacobs

\\DC1VS01\GISPROJ\K\KINDERMORGAN\654558LEWISDR_ER\GIS\MAPS\QUARTERLY_REPORTS\TRI_DEC2020\FIG1_SITE_OVERVIEW_DEC2020.MXD AUTHOR: AG 2/2/2021



821.40 Corrected Groundwater Elevation as of 11/10/2020 in feet above mean sea level

Dry Well was dry at time of gauging

NM Not measured based on revised gauging schedule

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)

N

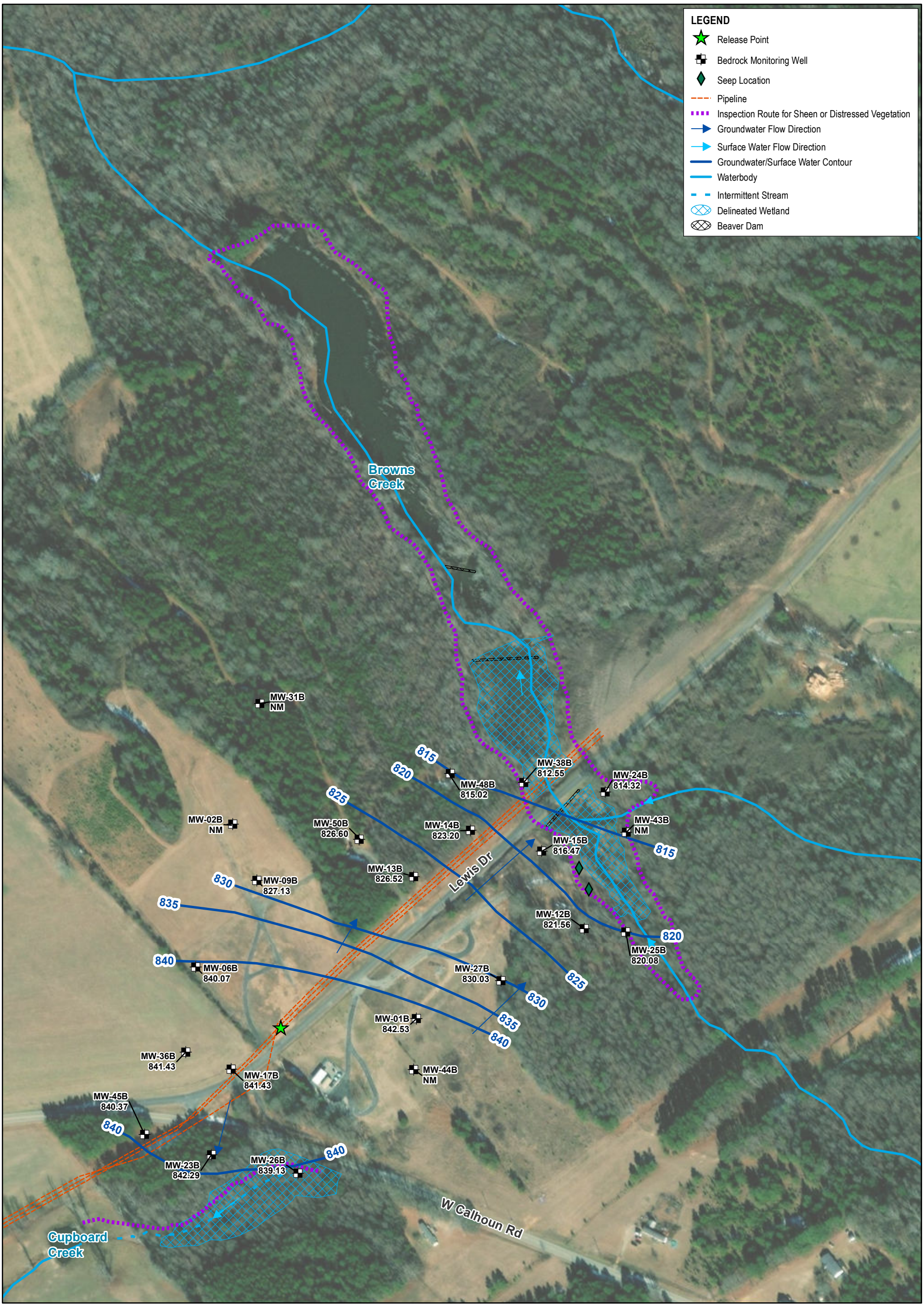
0 250 500

Scale in Feet

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

Jacobs

\\DC1VS01\GISPROJ\K\KINDERMORGAN\654558LEWISDR_ER\GIS\MAPS\QUARTERLY_REPORTS\TRI_DEC2020\FIG2A_RESIDUUM_GW_ELEVATION_20201110.MXD AG017958 1/14/2021



827.13 Corrected Groundwater Elevation as of 11/10/2020 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)

N

0 250 500

Scale in Feet

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

Jacobs

\\DC1VS01\GISPROJ\K\KINDERMORGAN\654558LEWISDR_ER\GIS\MAPS\QUARTERLY_REPORTS\TRI_DEC2020\FIG2B_BEDROCK_GW_ELEVATION_20201110.MXD AG017958 1/14/2021

LEGEND

- Release Point
- Monitoring Well
- Bedrock Monitoring Well
- Seep Location
- Recovery Sump
- Recovery Well (4-inch diameter)
- Well Contains Product as of 11/10/2020
- Vertical Bedrock Sparging Well
- Vertical Saprolite Sparging Well
- Surface Water Sampling Location
- Septic Tank
- Recovery Trench Extraction Point
- Surface Water Flow Direction
- Horizontal Sparging Well Riser
- Horizontal Sparging Well Screen
- Pipeline
- Waterbody
- Intermittent Stream
- Delineated Wetland
- Beaver Dam
- Detail Area

0.02 Product thickness in feet as of 11/10/2020
NP No product detected
NM Not measured

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)

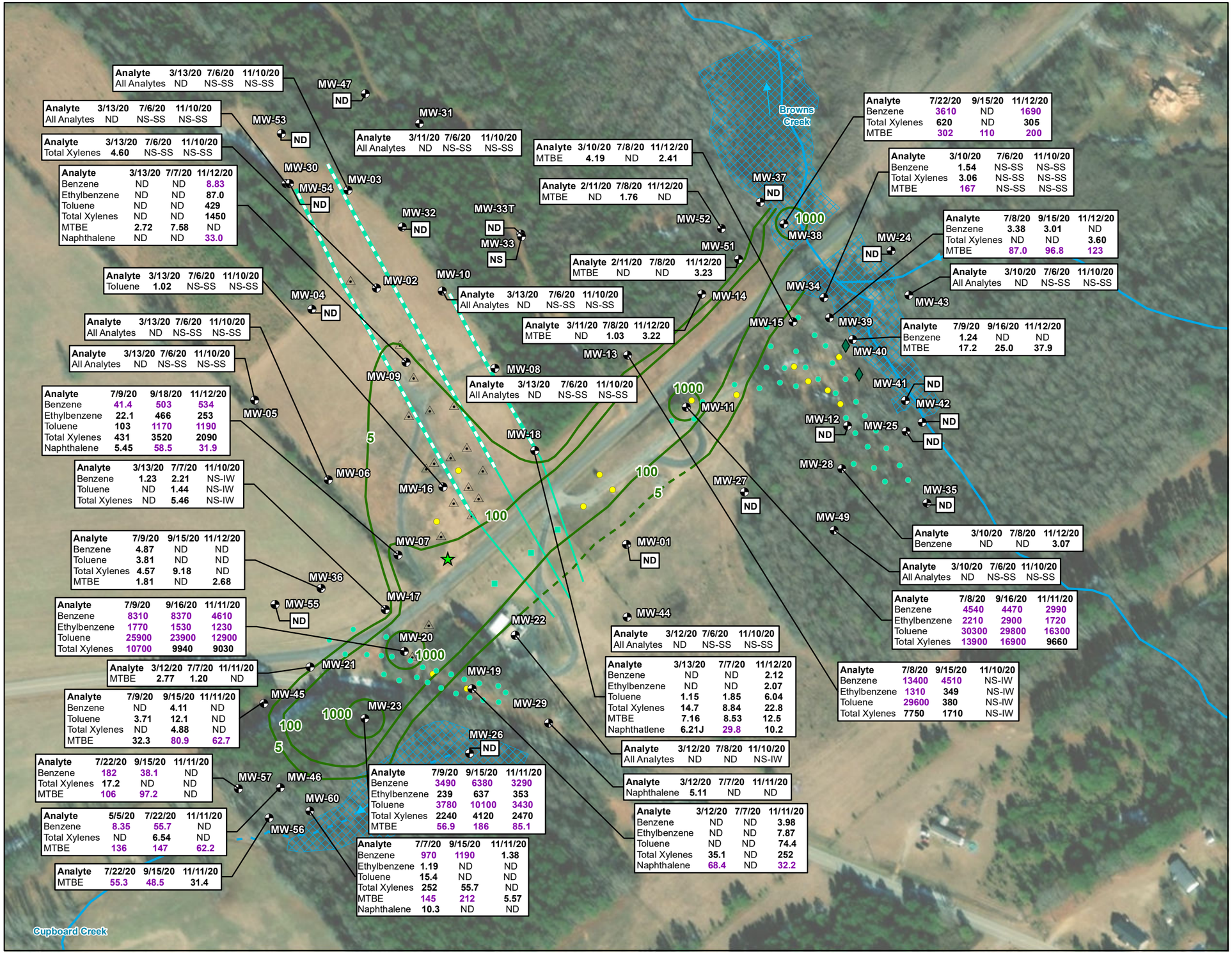
N

0 175 350
Scale in Feet

Figure 3. Site Features with Measurable Product
Lewis Drive Remediation Site
Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Jacobs

\\DC1VS01\GISPROJ\K\KINDERMORGAN\654558LEWISDR_ER\GIS\MAPS\QUARTERLY_REPORTS\TRI_DEC2020\FIG3_PRODUCT_THICKNESS_NOINSET.MXD AG017958 12/30/2020



Analyte	3/13/20	7/6/20	11/10/20
All Analytes	ND	NS-SS	NS-SS

Analyte	3/13/20	7/6/20	11/10/20
All Analytes	ND	NS-SS	NS-SS

Analyte	3/13/20	7/6/20	11/10/20
Total Xylenes	4.60	NS-SS	NS-SS

Analyte	3/13/20	7/7/20	11/12/20
Benzene	ND	ND	8.83
Ethylbenzene	ND	ND	87.0
Toluene	ND	ND	429
Total Xylenes	ND	ND	1450
MTBE	2.72	7.58	ND
Naphthalene	ND	ND	33.0

Analyte	3/13/20	7/6/20	11/10/20
Toluene	1.02	NS-SS	NS-SS

Analyte	3/13/20	7/6/20	11/10/20
All Analytes	ND	NS-SS	NS-SS

Analyte	3/13/20	7/6/20	11/10/20
All Analytes	ND	NS-SS	NS-SS

Analyte	7/9/20	9/18/20	11/12/20
Benzene	41.4	503	534
Ethylbenzene	22.1	466	253
Toluene	103	1170	1190
Total Xylenes	431	3520	2090
Naphthalene	5.45	58.5	31.9

Analyte	3/13/20	7/7/20	11/10/20
Benzene	1.23	2.21	NS-IW
Toluene	ND	1.44	NS-IW
Total Xylenes	ND	5.46	NS-IW

Analyte	7/9/20	9/15/20	11/12/20
Benzene	4.87	ND	ND
Toluene	3.81	ND	ND
Total Xylenes	4.57	9.18	ND
MTBE	1.81	ND	2.68

Analyte	7/9/20	9/16/20	11/11/20
Benzene	8310	8370	4610
Ethylbenzene	1770	1530	1230
Toluene	25900	23900	12900
Total Xylenes	10700	9940	9030

Analyte	3/12/20	7/7/20	11/11/20
MTBE	2.77	1.20	ND

Analyte	7/9/20	9/15/20	11/11/20
Benzene	ND	4.11	ND
Toluene	3.71	12.1	ND
Total Xylenes	ND	4.88	ND
MTBE	32.3	80.9	62.7

Analyte	7/22/20	9/15/20	11/11/20
Benzene	182	38.1	ND
Total Xylenes	17.2	ND	ND
MTBE	106	97.2	ND

Analyte	5/5/20	7/22/20	11/11/20
Benzene	8.35	55.7	ND
Total Xylenes	ND	6.54	ND
MTBE	136	147	62.2

Analyte	7/22/20	9/15/20	11/11/20
MTBE	55.3	48.5	31.4

Analyte	3/11/20	7/6/20	11/10/20
All Analytes	ND	NS-SS	NS-SS

Analyte	3/10/20	7/8/20	11/12/20
MTBE	4.19	ND	2.41

Analyte	2/11/20	7/8/20	11/12/20
MTBE	ND	1.76	ND

Analyte	2/11/20	7/8/20	11/12/20
MTBE	ND	ND	3.23

Analyte	3/11/20	7/8/20	11/12/20
MTBE	ND	1.03	3.22

Analyte	3/13/20	7/6/20	11/10/20
All Analytes	ND	NS-SS	NS-SS

Analyte	7/9/20	9/15/20	11/11/20
Benzene	3490	6380	3290
Ethylbenzene	239	637	353
Toluene	3780	10100	3430
Total Xylenes	2240	4120	2470
MTBE	56.9	186	85.1

Analyte	7/7/20	9/15/20	11/11/20
Benzene	970	1190	1.38
Ethylbenzene	1.19	ND	ND
Toluene	15.4	ND	ND
Total Xylenes	252	55.7	ND
MTBE	145	212	5.57
Naphthalene	10.3	ND	ND

Analyte	3/12/20	7/6/20	11/10/20
All Analytes	ND	NS-SS	NS-SS

Analyte	3/13/20	7/7/20	11/12/20
Benzene	ND	ND	2.12
Ethylbenzene	ND	ND	2.07
Toluene	1.15	1.85	6.04
Total Xylenes	14.7	8.84	22.8
MTBE	7.16	8.53	12.5
Naphthatlene	6.21J	29.8	10.2

Analyte	3/12/20	7/8/20	11/10/20
All Analytes	ND	ND	NS-IW

Analyte	3/12/20	7/7/20	11/11/20
Naphthalene	5.11	ND	ND

Analyte	3/12/20	7/7/20	11/11/20
Benzene	ND	ND	3.98
Ethylbenzene	ND	ND	7.87
Toluene	ND	ND	74.4
Total Xylenes	35.1	ND	252
Naphthalene	68.4	ND	32.2

Analyte	7/22/20	9/15/20	11/12/20
Benzene	3610	ND	1690
Total Xylenes	620	ND	305
MTBE	302	110	200

Analyte	3/10/20	7/6/20	11/10/20
Benzene	1.54	NS-SS	NS-SS
Total Xylenes	3.06	NS-SS	NS-SS
MTBE	167	NS-SS	NS-SS

Analyte	7/8/20	9/15/20	11/12/20
Benzene	3.38	3.01	ND
Total Xylenes	ND	ND	3.60
MTBE	87.0	96.8	123

Analyte	3/10/20	7/6/20	11/10/20
All Analytes	ND	NS-SS	NS-SS

Analyte	7/9/20	9/16/20	11/12/20
Benzene	1.24	ND	ND
MTBE	17.2	25.0	37.9

Analyte	3/10/20	7/8/20	11/12/20
Benzene	ND	ND	3.07

Analyte	3/10/20	7/6/20	11/10/20
All Analytes	ND	NS-SS	NS-SS

Analyte	7/8/20	9/16/20	11/11/20
Benzene	4540	4470	2990
Ethylbenzene	2210	2900	1720
Toluene	30300	29800	16300
Total Xylenes	13900	16900	9660

Analyte	7/8/20	9/15/20	11/10/20
Benzene	13400	4510	NS-IW
Ethylbenzene	1310	349	NS-IW
Toluene	29600	380	NS-IW
Total Xylenes	7750	1710	NS-IW

LEGEND

- Release Point
- Residuum Monitoring Well
- Vertical Bedrock Sparging Well
- Vertical Saprolite Sparging Well
- Seep Location
- Recovery Well (4-inch diameter)
- Recovery Sump
- Surface Water Flow Direction
- Dissolved Benzene Plume Extent as of November 2020 (µg/L) (dashed where inferred)
- 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. 1,2-DCA = 1,2-dichloroethane
4. Analyte concentration in microgram(s) per liter (µg/L)
5. Only detected analytes are shown on map.
6. ND = Groundwater was collected and analyzed, but no analytes were detected above the reported sample quantitation limit.
7. NS = Not sampled
8. NS-IW = Sample not collected due to insufficient volume of water in well.
9. 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)

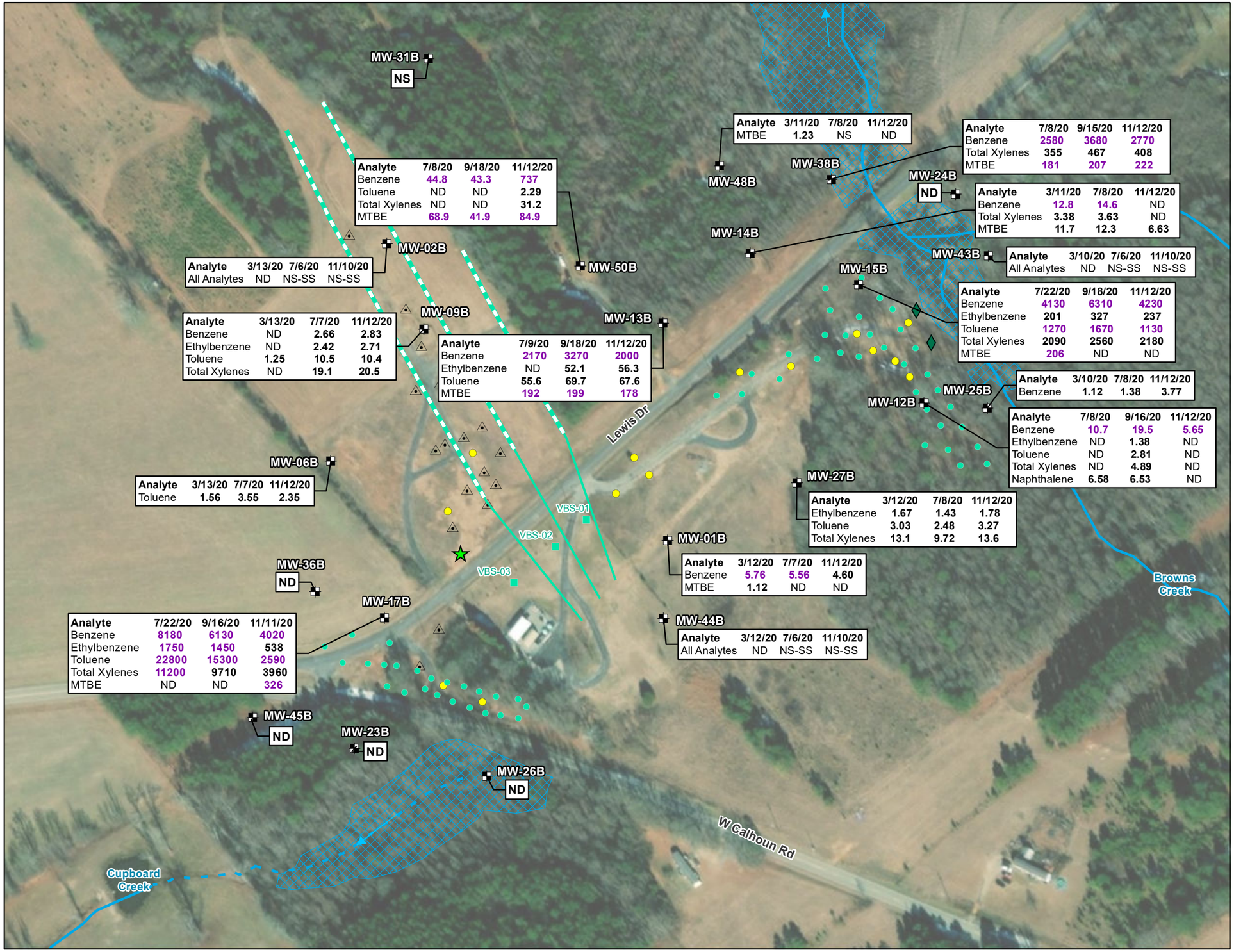
N

0 200 400

Approximate scale in feet

Figure 4A. Groundwater Analytical Results in Residuum Aquifer, March 2020 through November 2020
Lewis Drive Remediation Site
Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Jacobs



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)

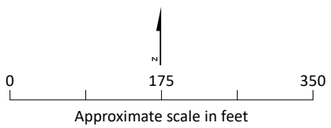
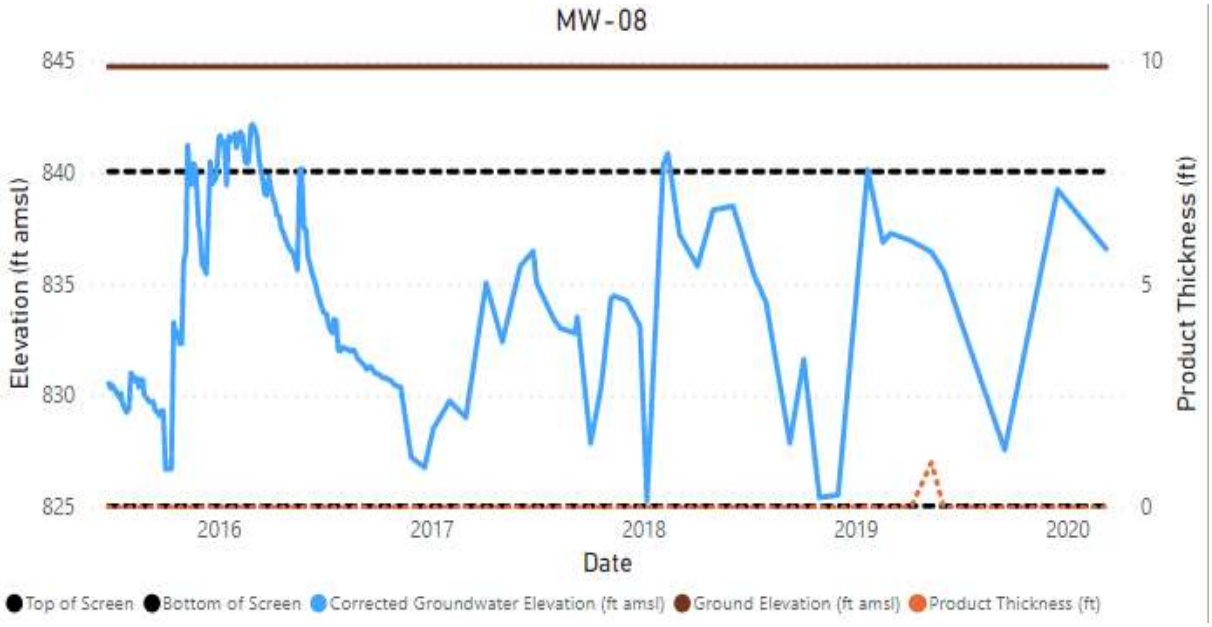


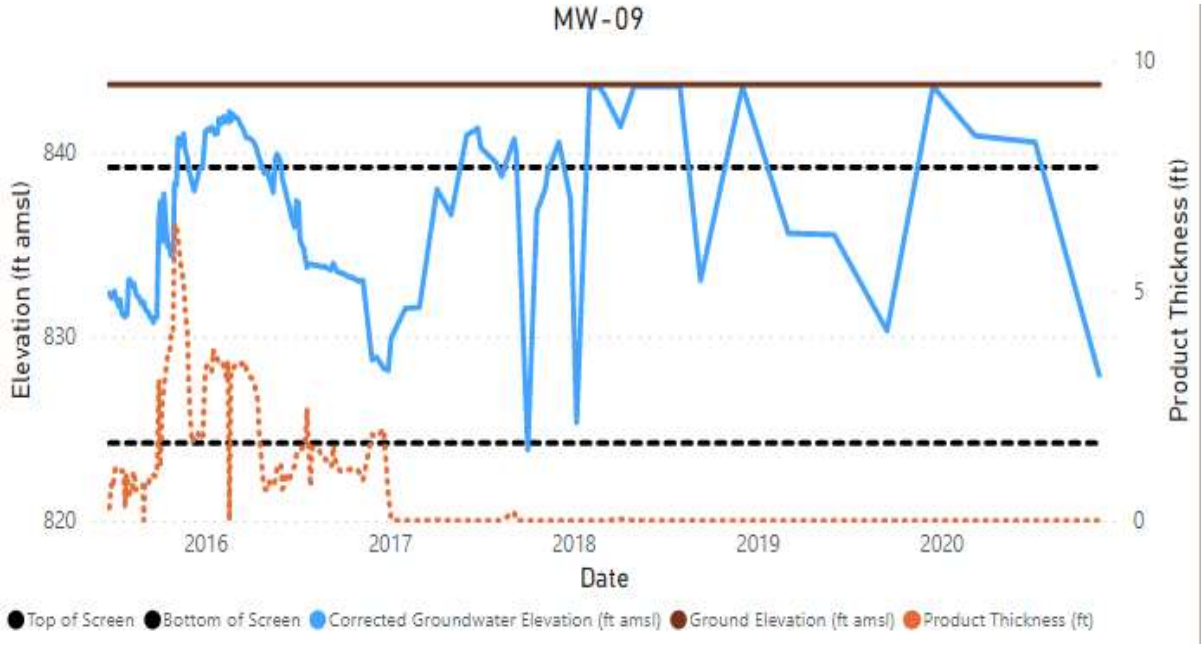
Figure 4B. Groundwater Analytical Results in Bedrock Aquifer, March 2020 through November 2020
Lewis Drive Remediation Site
Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

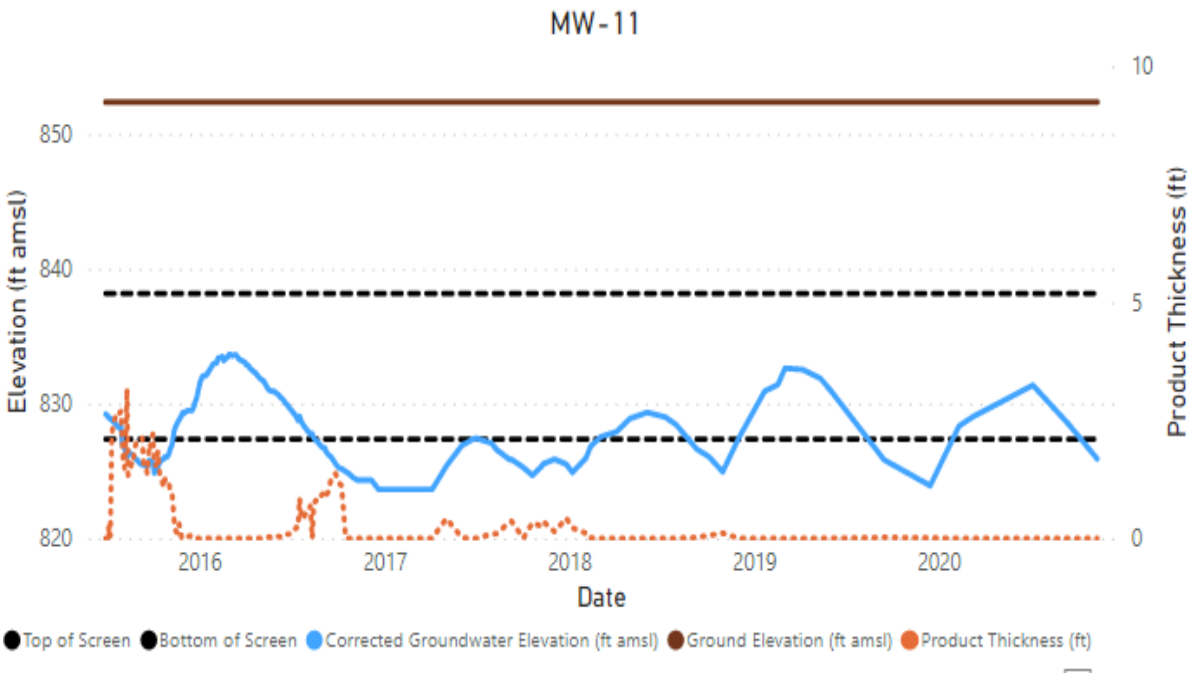
Jacobs

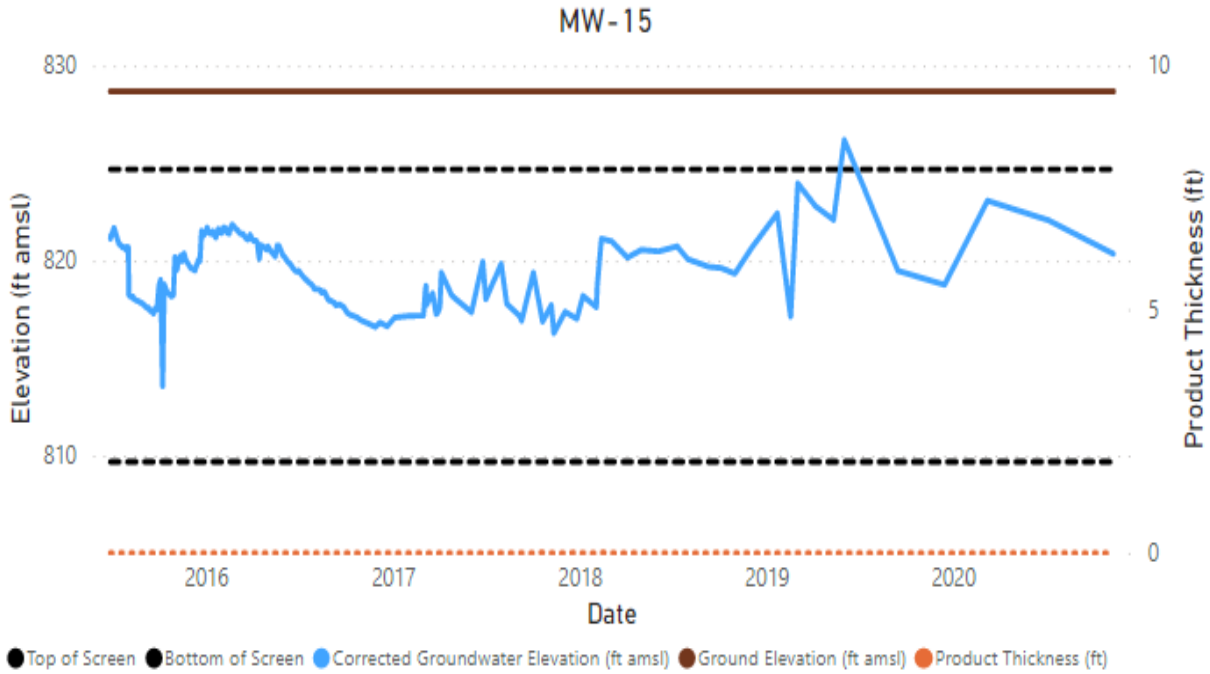
Attachment A
Product Thickness Trends

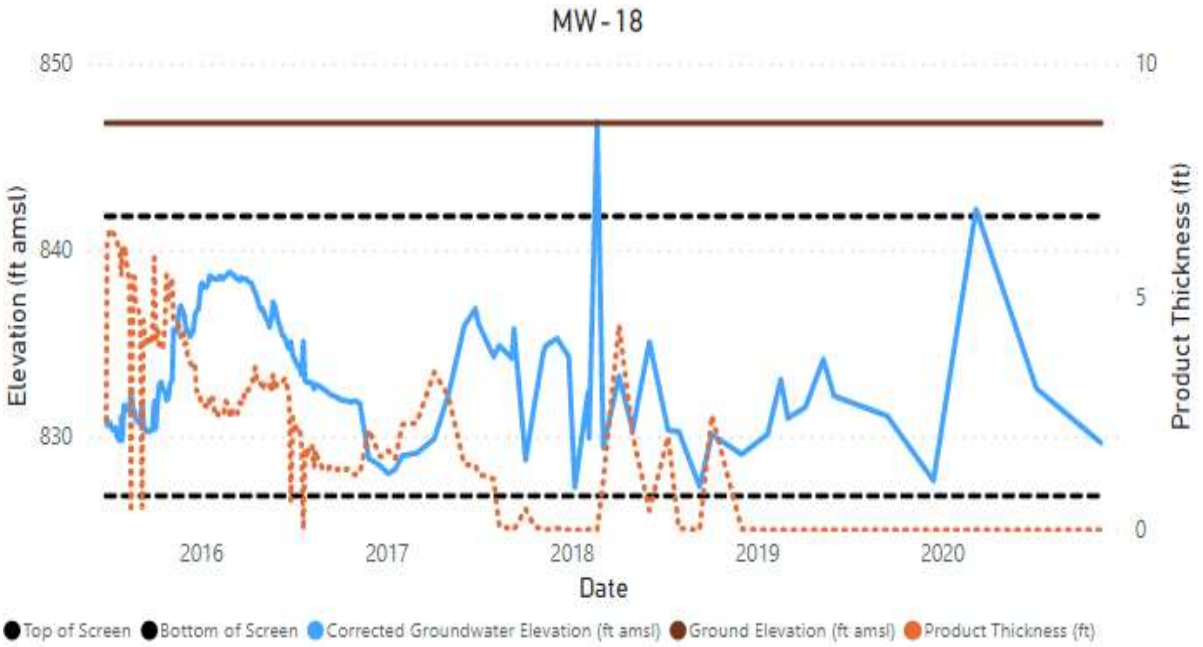
Attachment A – Product Thickness Trends

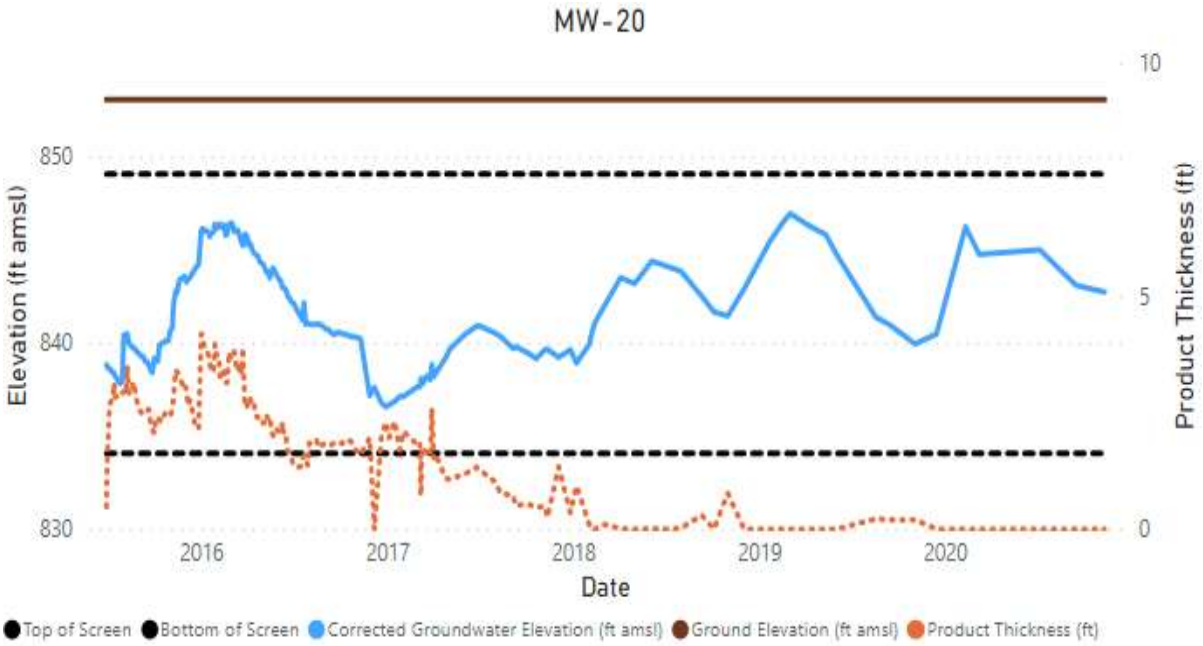




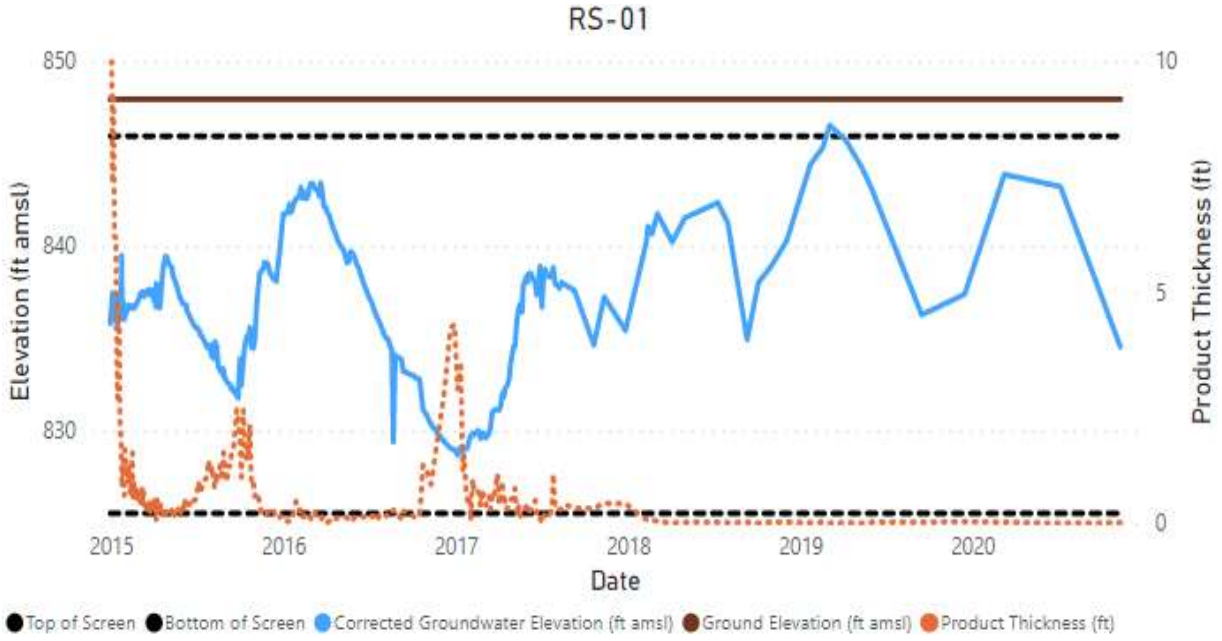

MW-11
Elevation (ft amsl)
850
840
830
820
2016
2017
2018
2019
2020
Date
10
5
0
Product Thickness (ft)
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

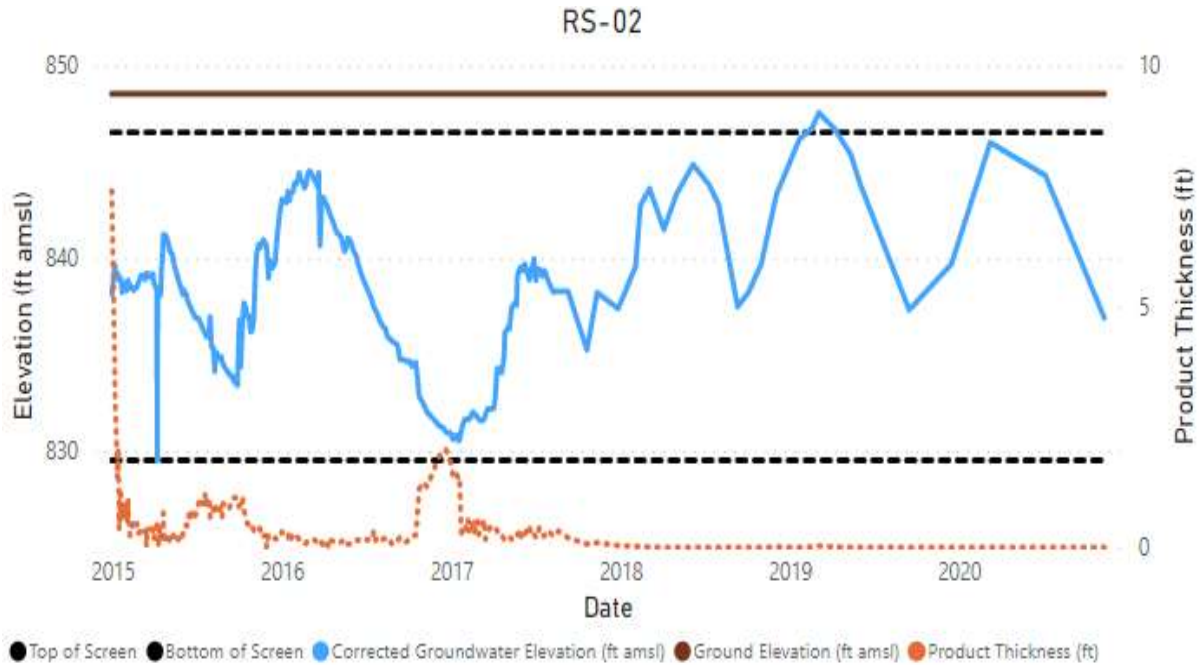

MW-15
Elevation (ft amsl)
830
820
810
2016
2017
2018
2019
2020
Date
10
5
0
Product Thickness (ft)
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

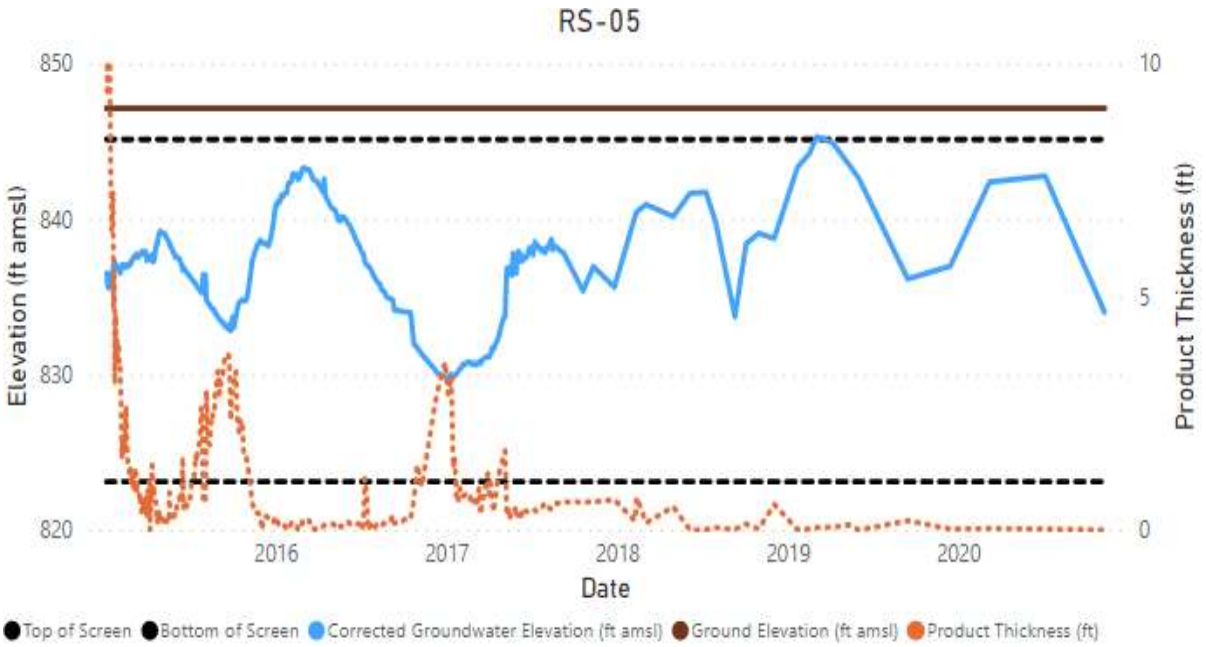

MW-18
850
840
830
Elevation (ft amsl)
10
5
0
Product Thickness (ft)
2016
2017
2018
2019
2020
Date
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

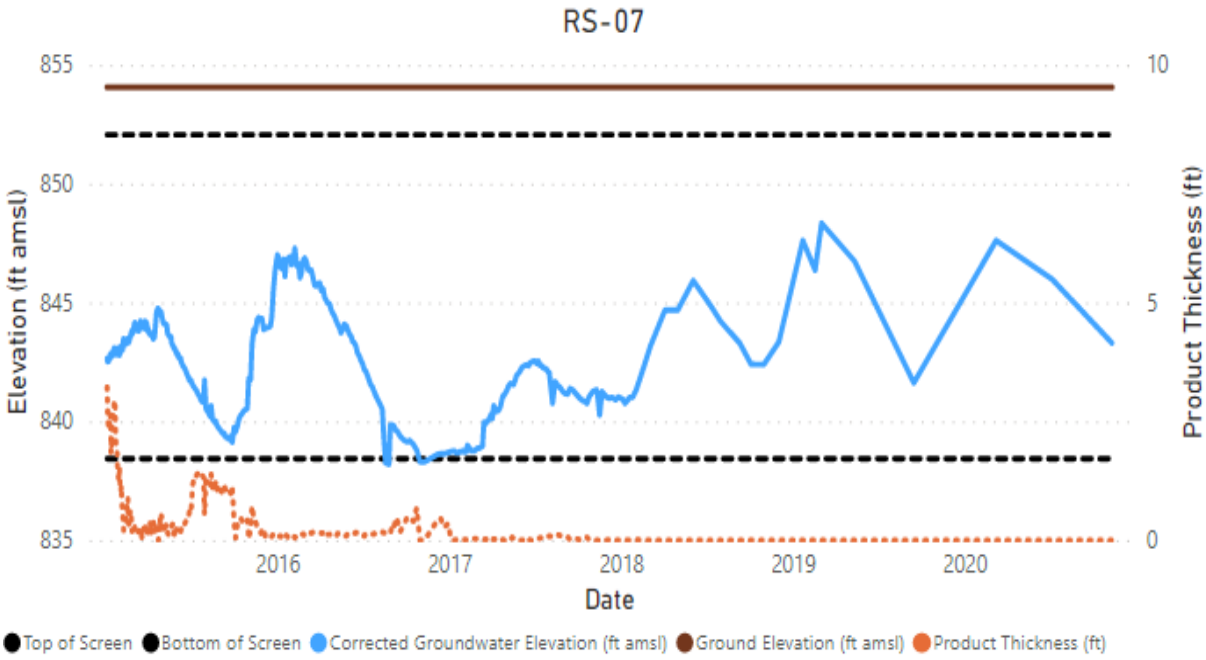

MW-20
850
840
830
Elevation (ft amsl)
10
5
0
Product Thickness (ft)
2016
2017
2018
2019
2020
Date
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

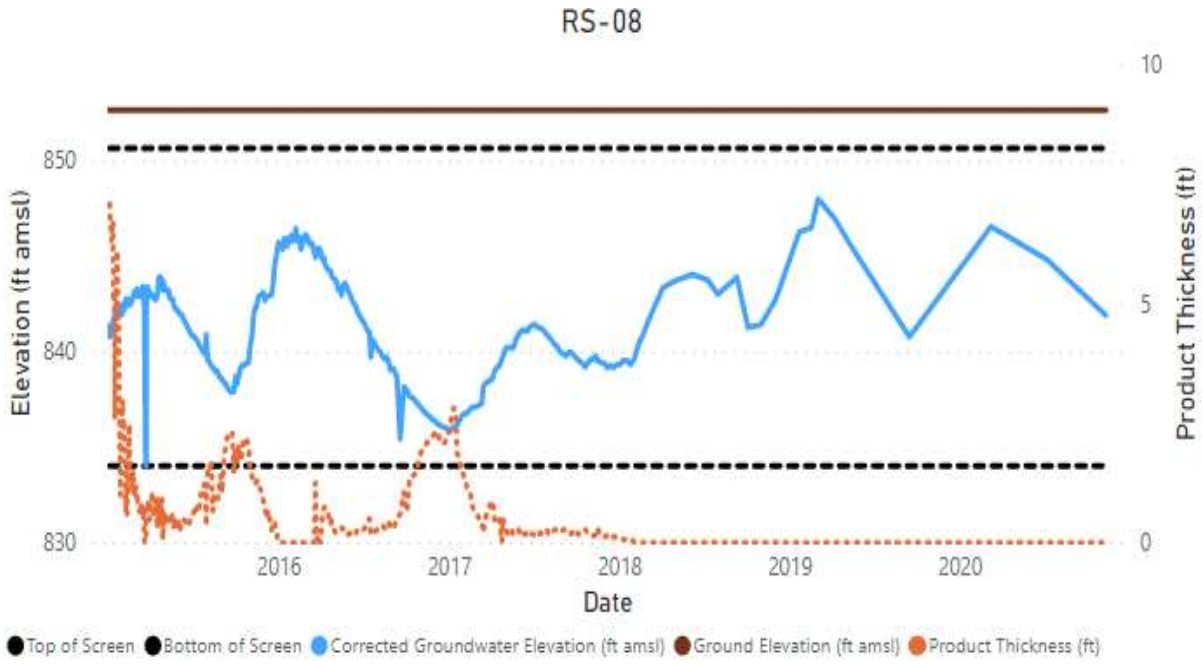
Attachment A – Product Thickness Trends

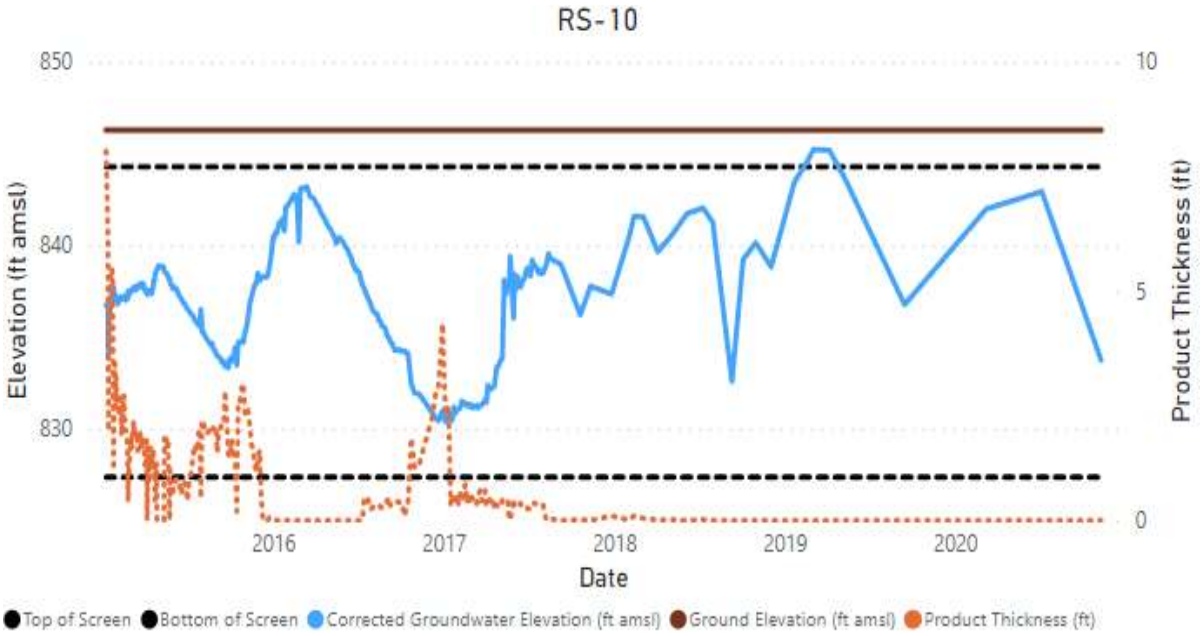


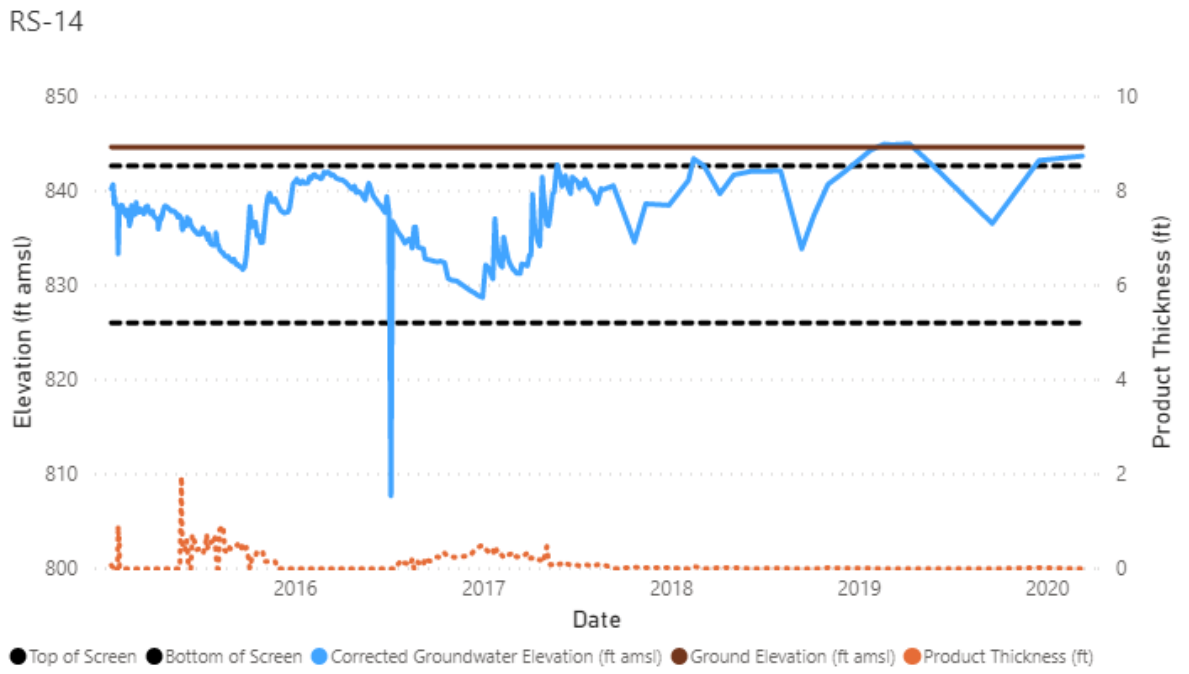


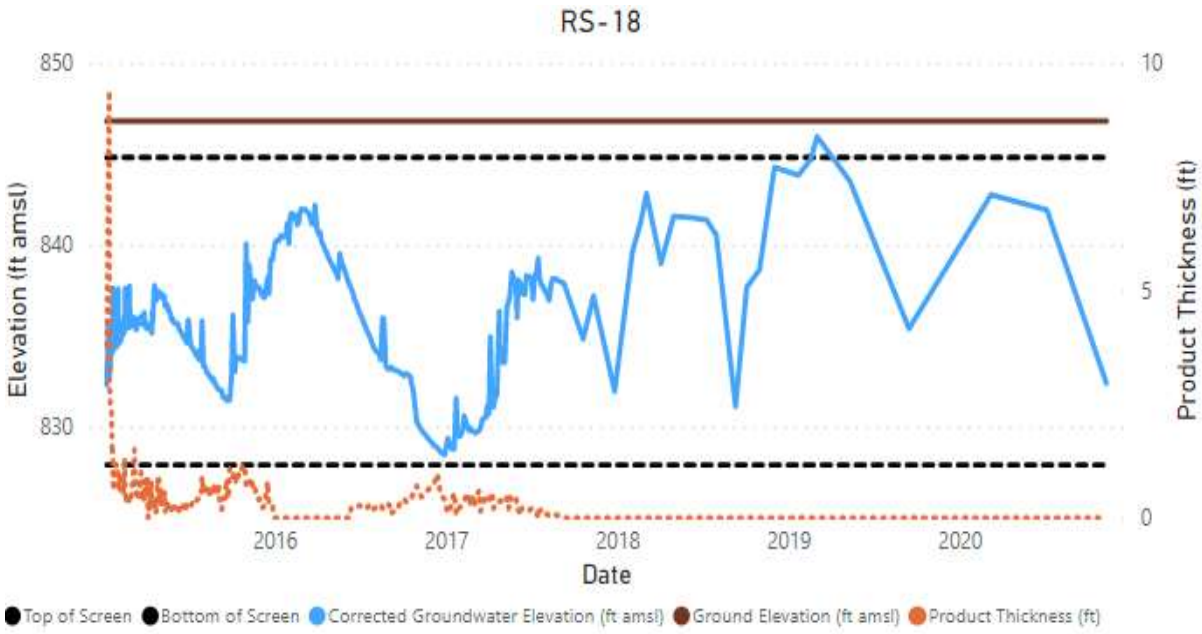

RS-05
850
840
830
820
Elevation (ft amsl)
10
5
0
Product Thickness (ft)
2016
2017
2018
2019
2020
Date
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

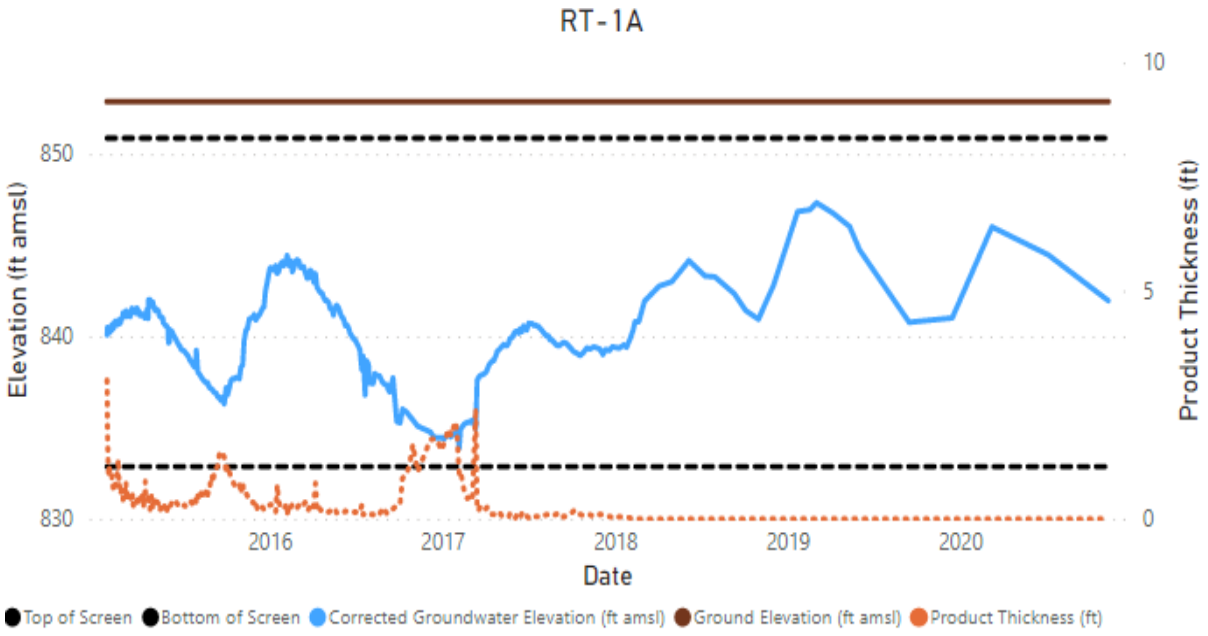

RS-07
855
850
845
840
835
Elevation (ft amsl)
10
5
0
Product Thickness (ft)
2016
2017
2018
2019
2020
Date
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

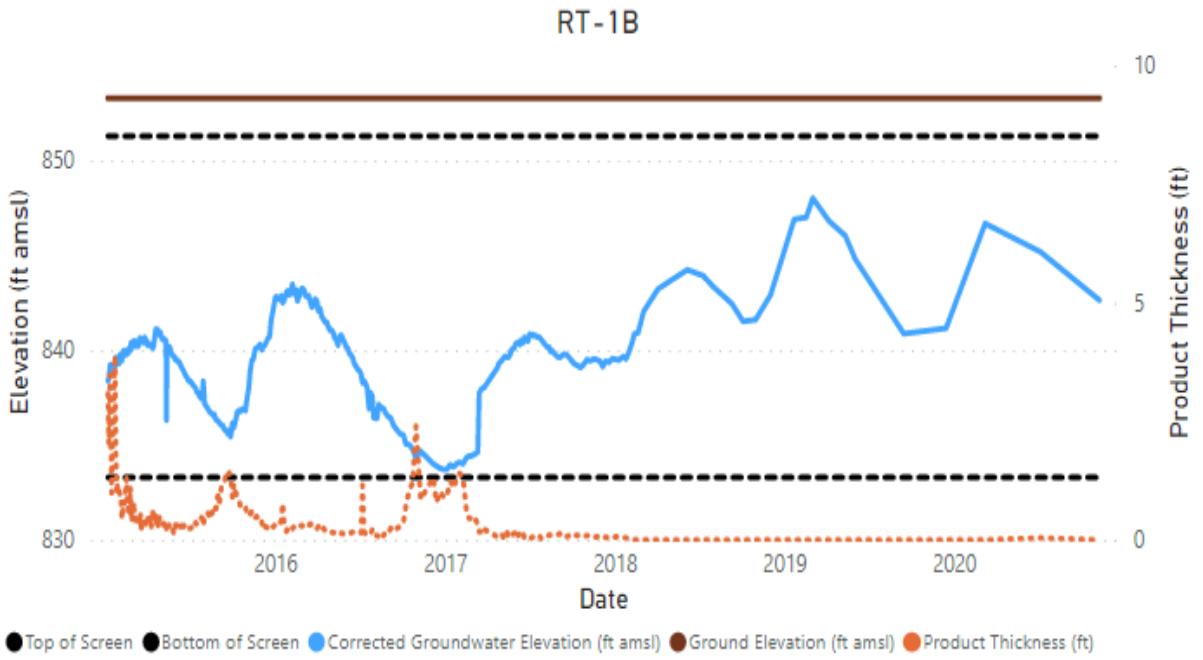

RS-08
Elevation (ft amsl)
850
840
830
2016
2017
2018
2019
2020
Date
10
5
0
Product Thickness (ft)
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

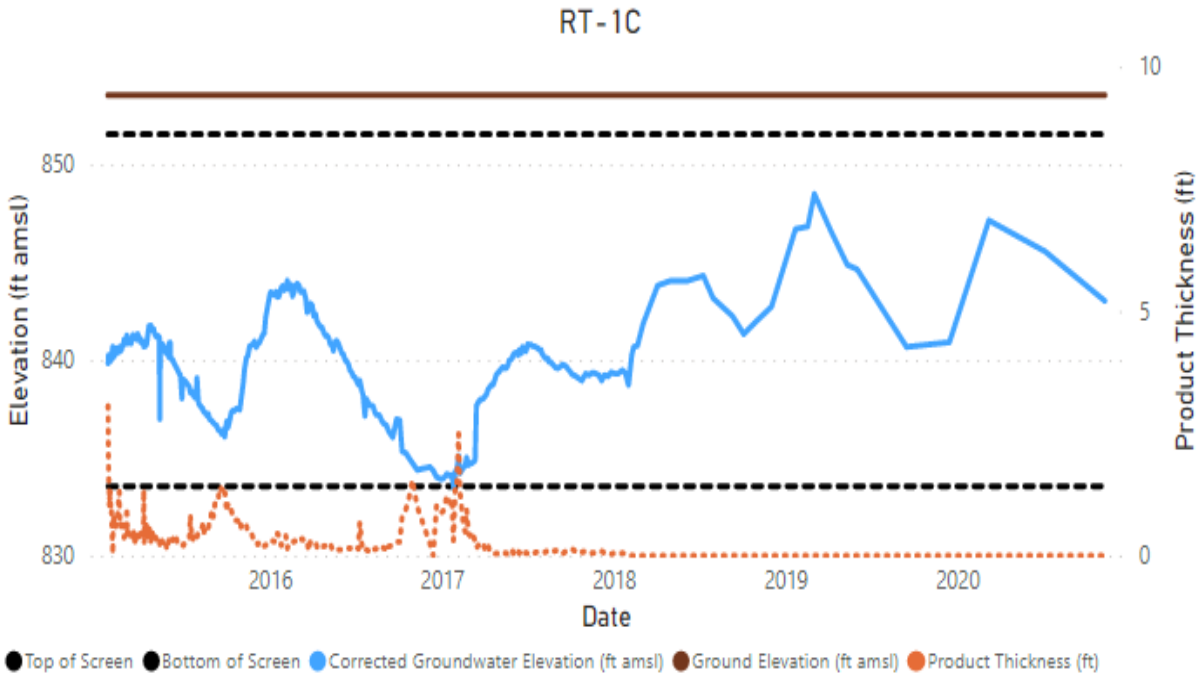

RS-10
Elevation (ft amsl)
850
840
830
2016
2017
2018
2019
2020
Date
10
5
0
Product Thickness (ft)
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

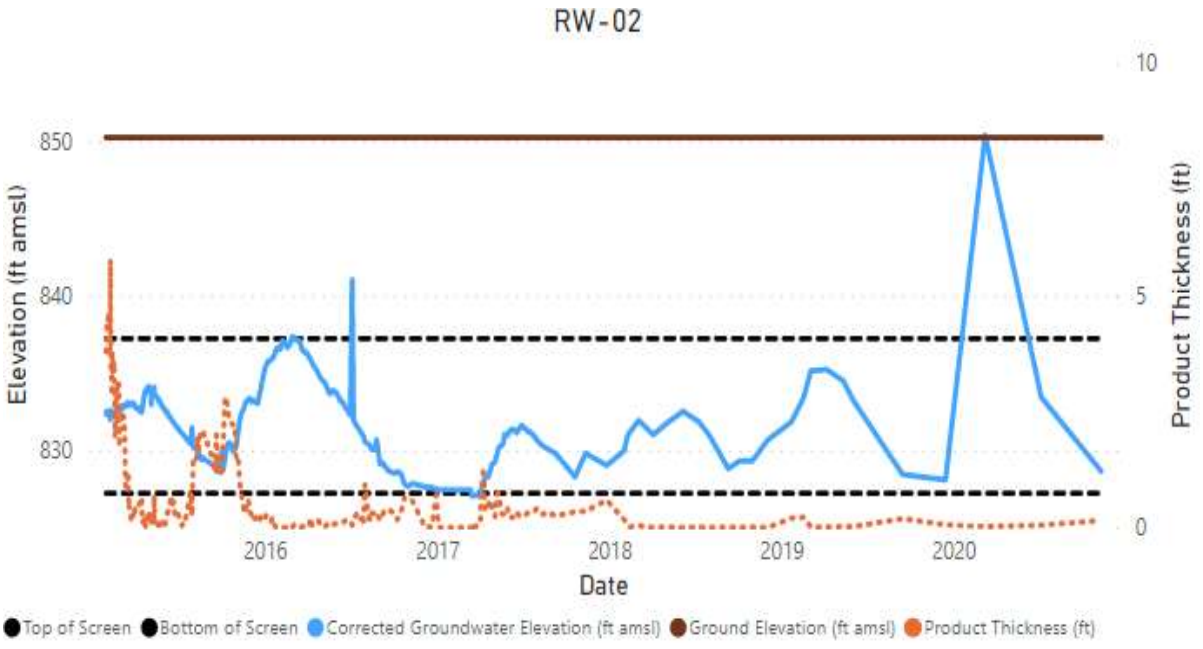

RS-14
850
840
830
820
810
800
Elevation (ft amsl)
10
8
6
4
2
0
Product Thickness (ft)
2016
2017
2018
2019
2020
Date
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)


RS-18
850
840
830
Elevation (ft amsl)
10
5
0
Product Thickness (ft)
2016
2017
2018
2019
2020
Date
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

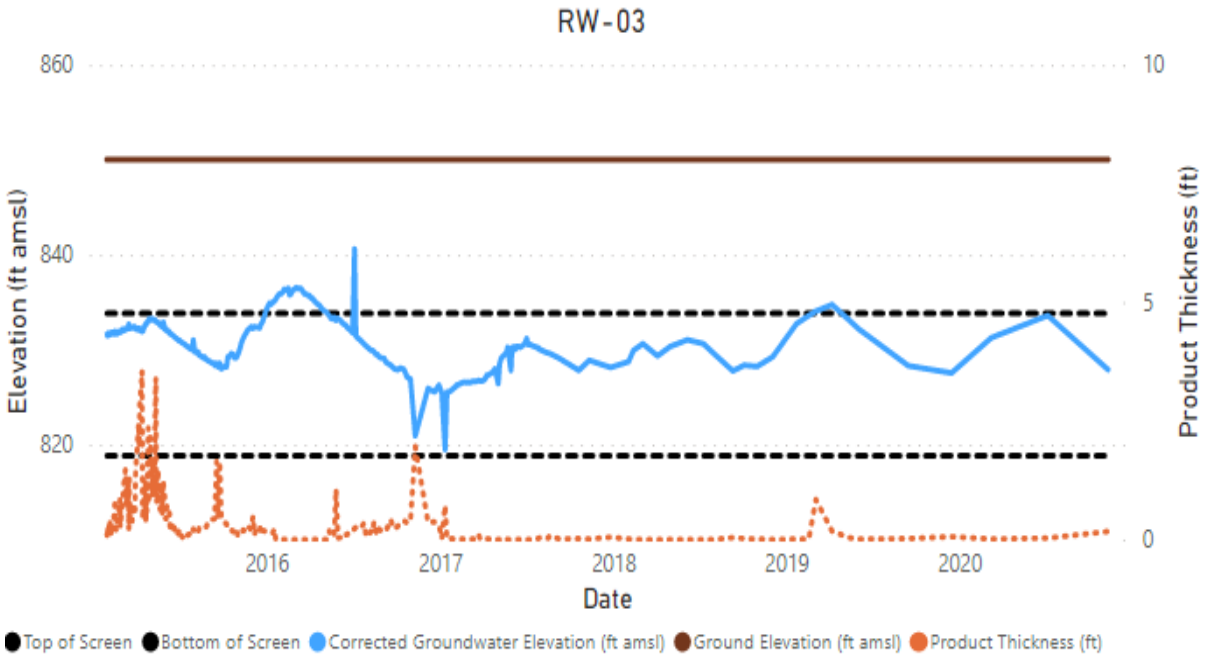

RT-1A
Elevation (ft amsl)
850
840
830
2016
2017
2018
2019
2020
Date
10
5
0
Product Thickness (ft)
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

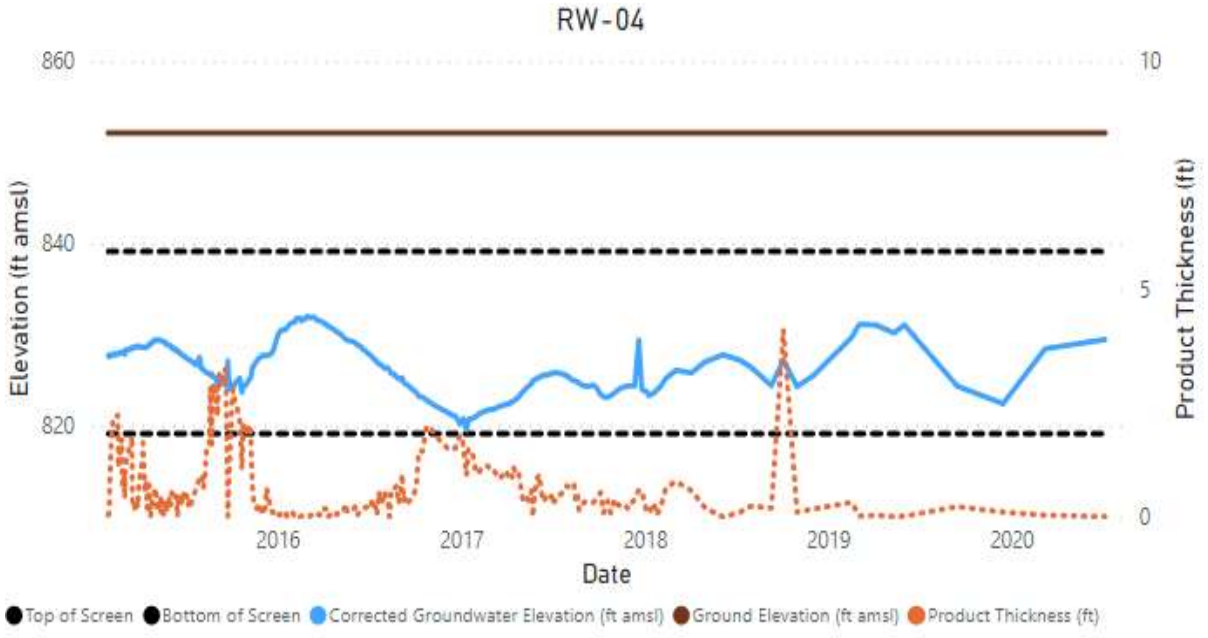

RT-1B
Elevation (ft amsl)
850
840
830
2016
2017
2018
2019
2020
Date
10
5
0
Product Thickness (ft)
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

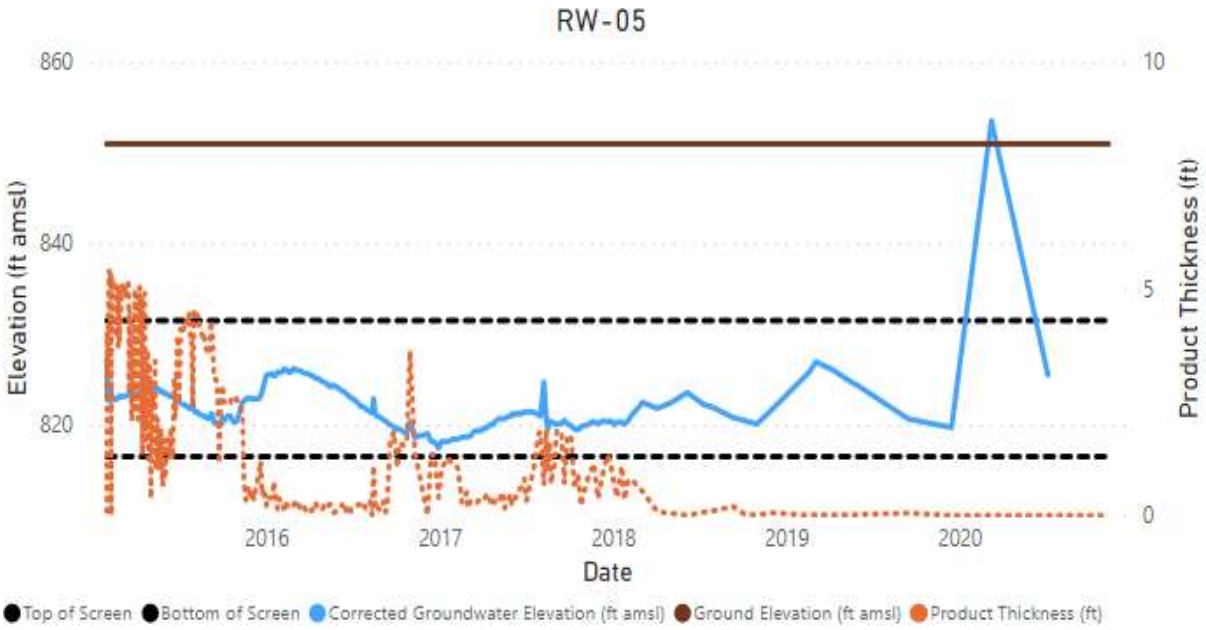

RT-1C
Elevation (ft amsl)
850
840
830
2016
2017
2018
2019
2020
Date
10
5
0
Product Thickness (ft)
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

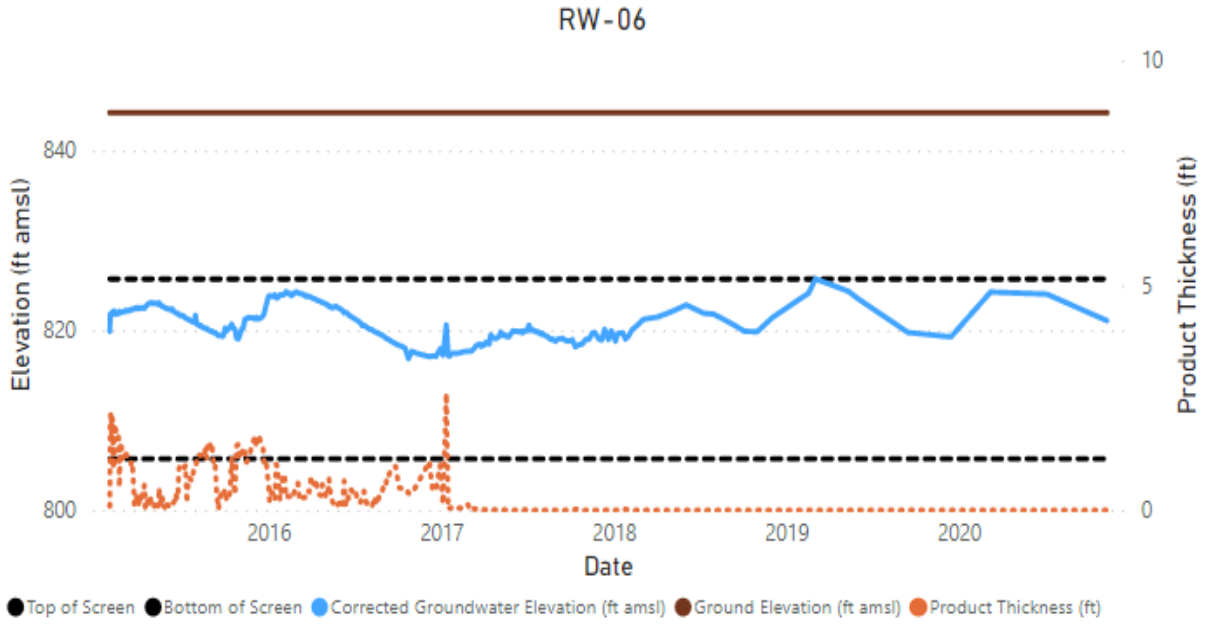

RW-02
Elevation (ft amsl)
850
840
830
2016
2017
2018
2019
2020
Date
10
5
0
Product Thickness (ft)
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

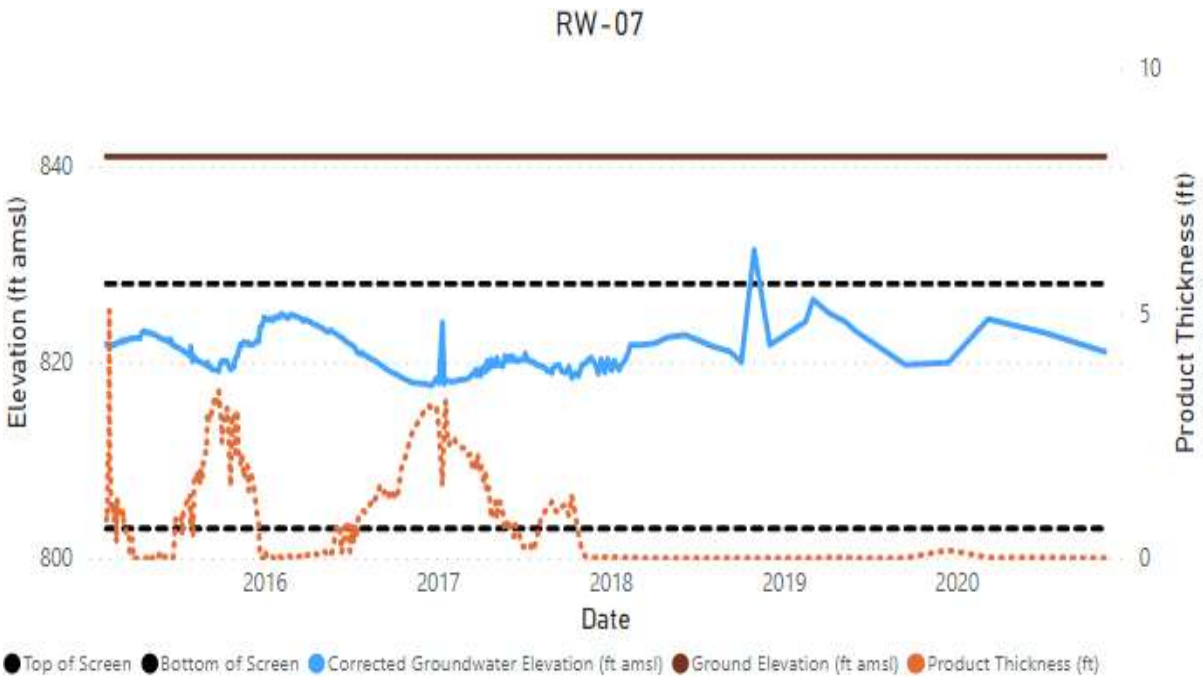
Attachment A – Product Thickness Trends

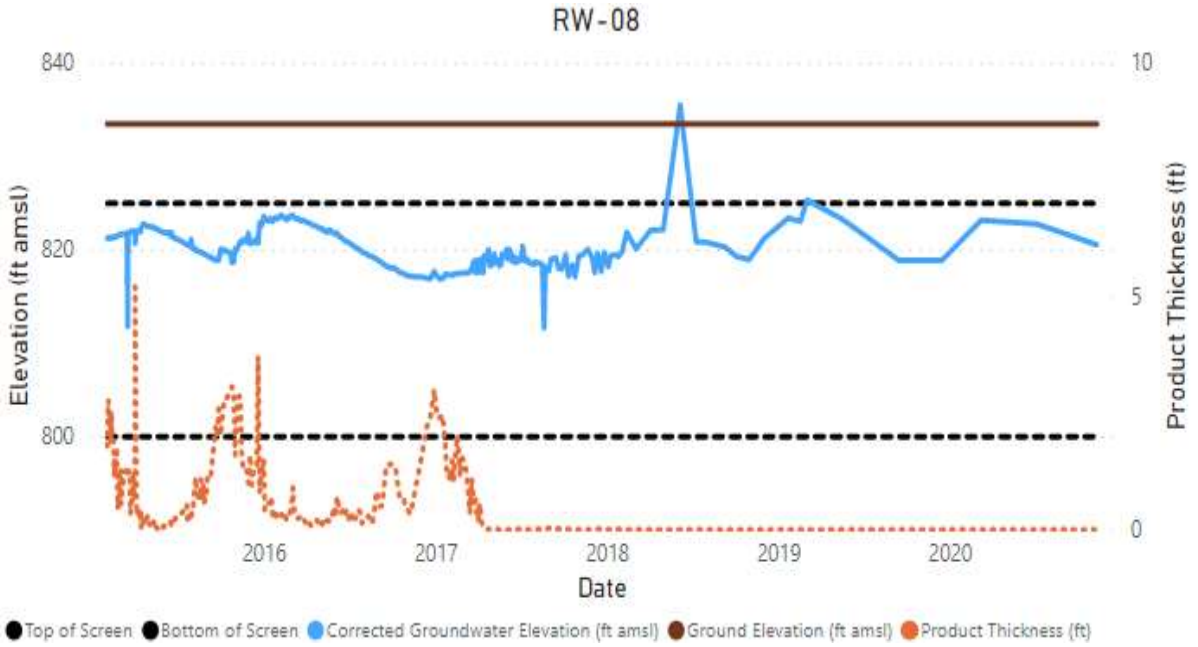


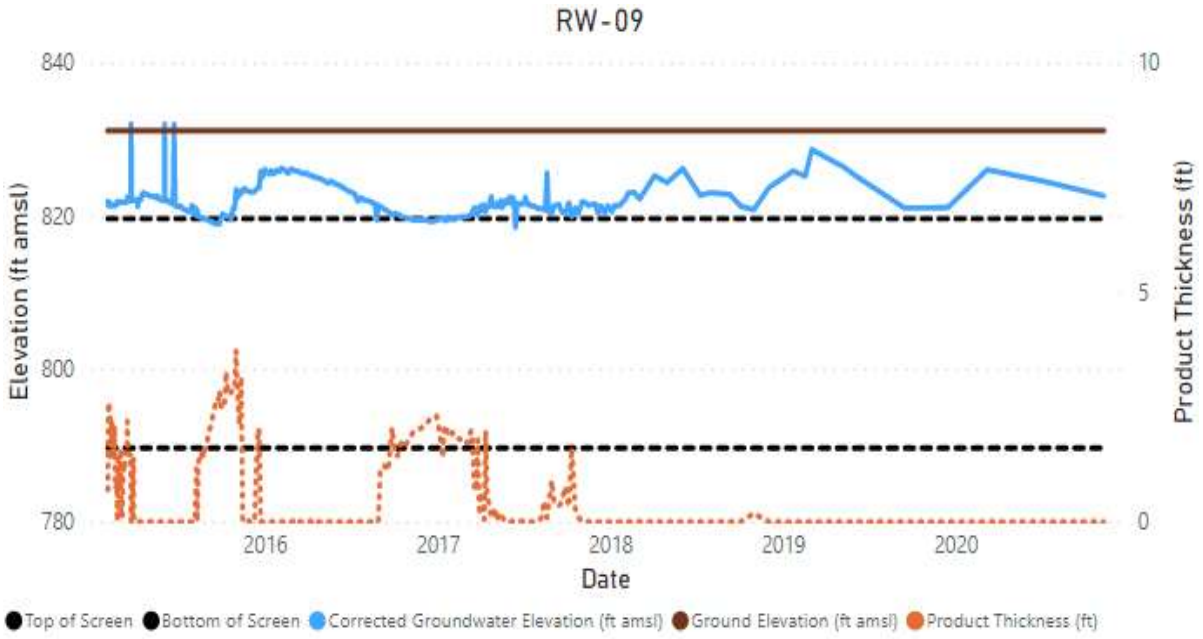


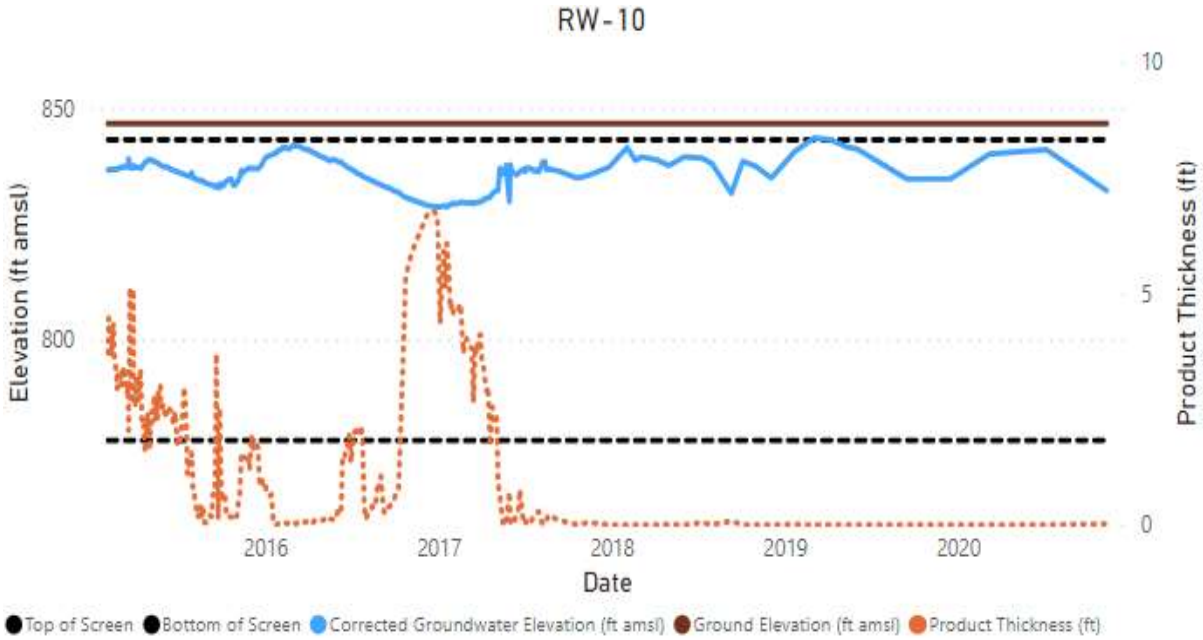

RW-05
860
840
820
10
5
0
Elevation (ft amsl)
Product Thickness (ft)
2016
2017
2018
2019
2020
Date
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

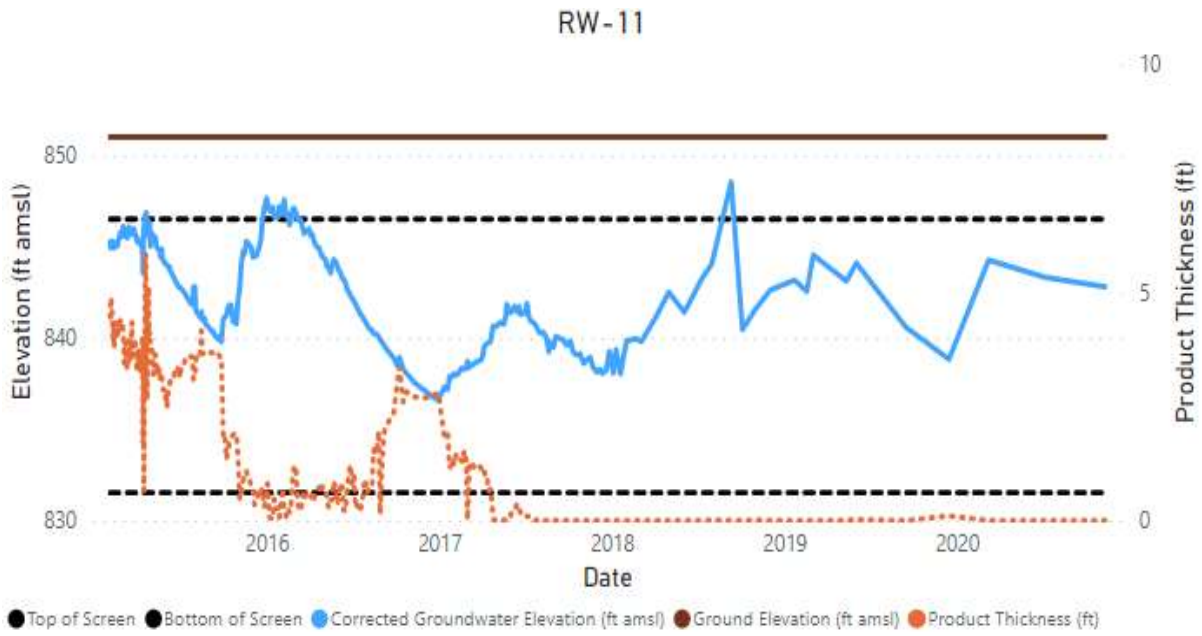

RW-06
840
820
800
10
5
0
Elevation (ft amsl)
Product Thickness (ft)
2016
2017
2018
2019
2020
Date
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

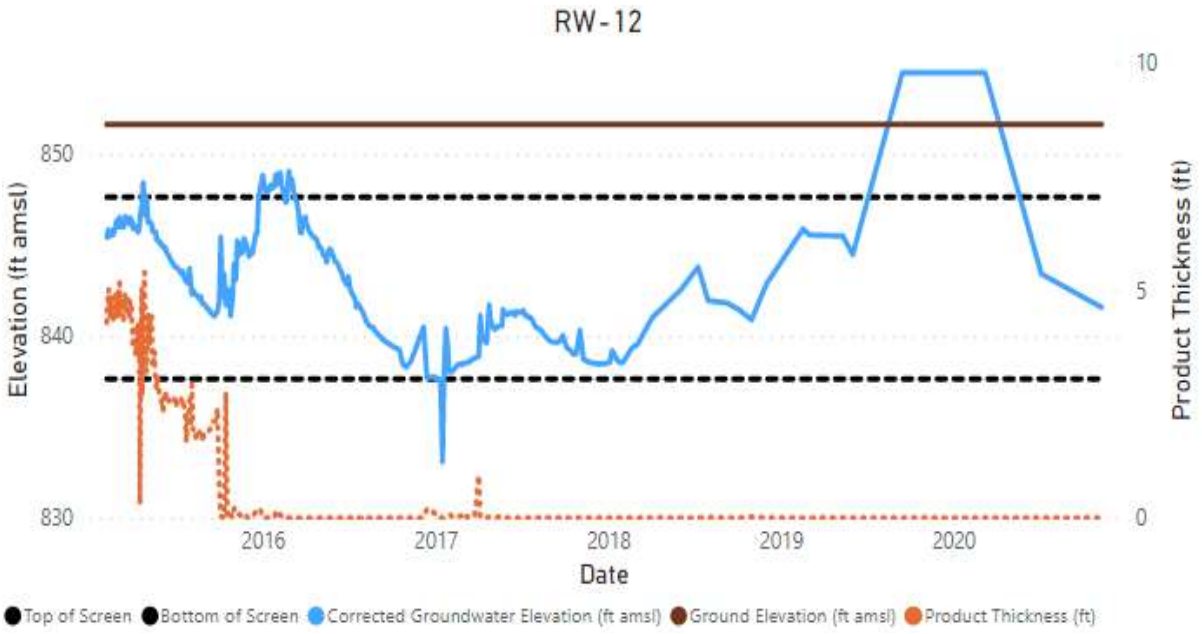

RW-07
Elevation (ft amsl)
840
820
800
2016
2017
2018
2019
2020
Date
10
5
0
Product Thickness (ft)
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)


RW-08
Elevation (ft amsl)
840
820
800
2016
2017
2018
2019
2020
Date
10
5
0
Product Thickness (ft)
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

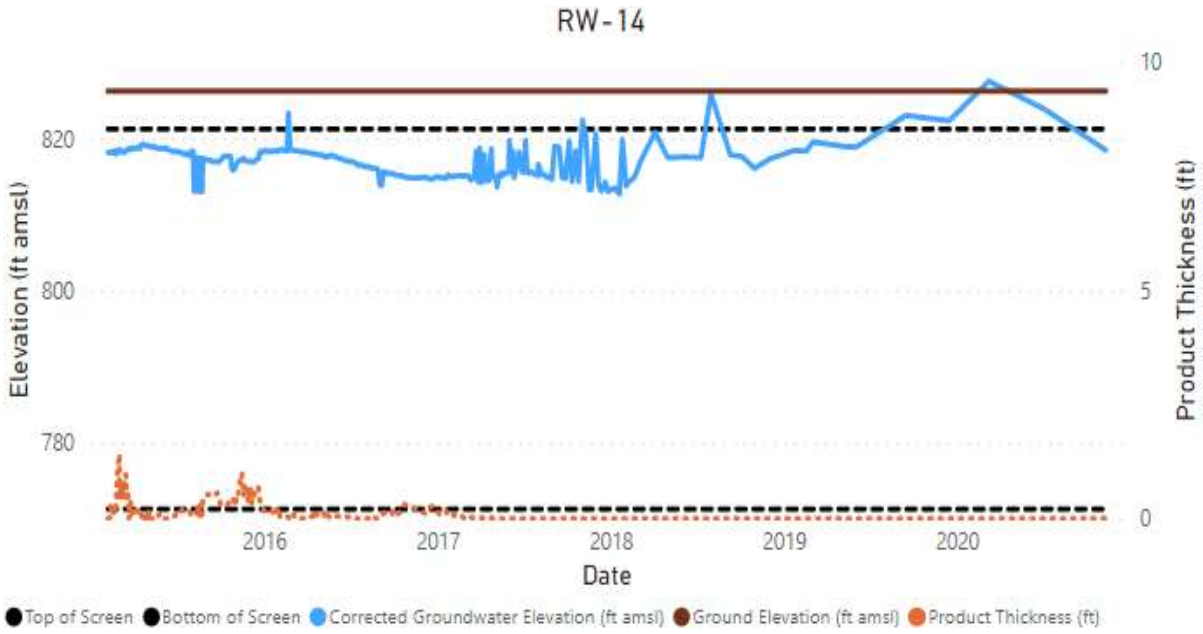

RW-09
840
820
800
780
10
5
0
Elevation (ft amsl)
Product Thickness (ft)
2016
2017
2018
2019
2020
Date
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

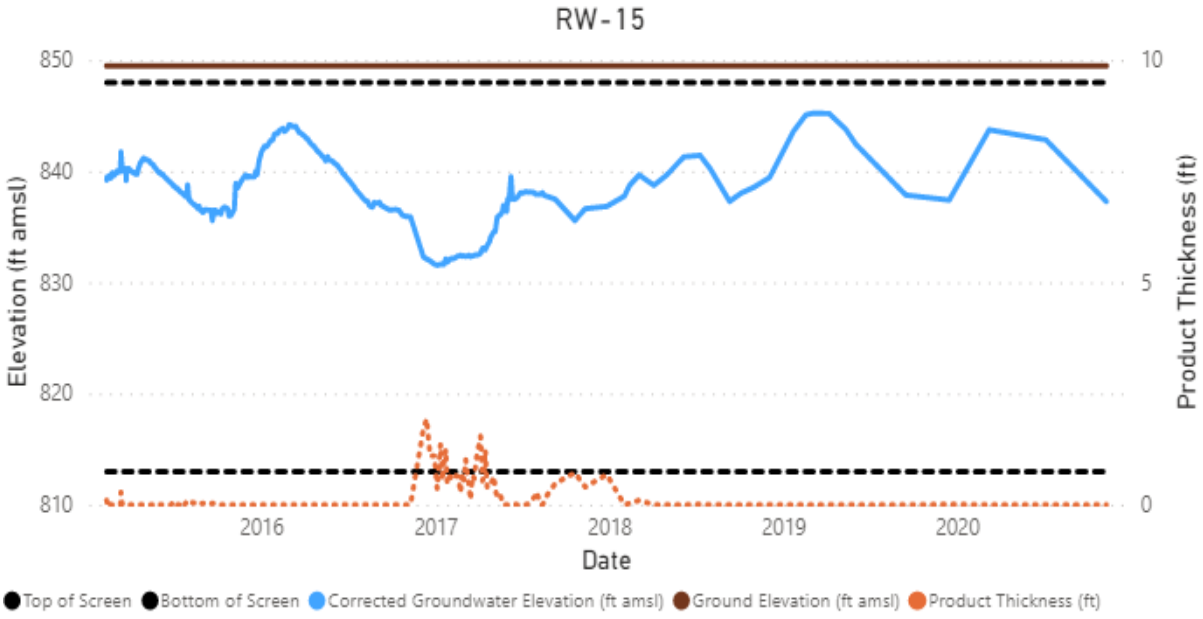

RW-10
850
800
10
5
0
Elevation (ft amsl)
Product Thickness (ft)
2016
2017
2018
2019
2020
Date
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)


RW-11
Elevation (ft amsl)
850
840
830
2016
2017
2018
2019
2020
Date
10
5
0
Product Thickness (ft)
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)


RW-12
Elevation (ft amsl)
850
840
830
2016
2017
2018
2019
2020
Date
10
5
0
Product Thickness (ft)
Top of Screen
Bottom of Screen
Corrected Groundwater Elevation (ft amsl)
Ground Elevation (ft amsl)
Product Thickness (ft)

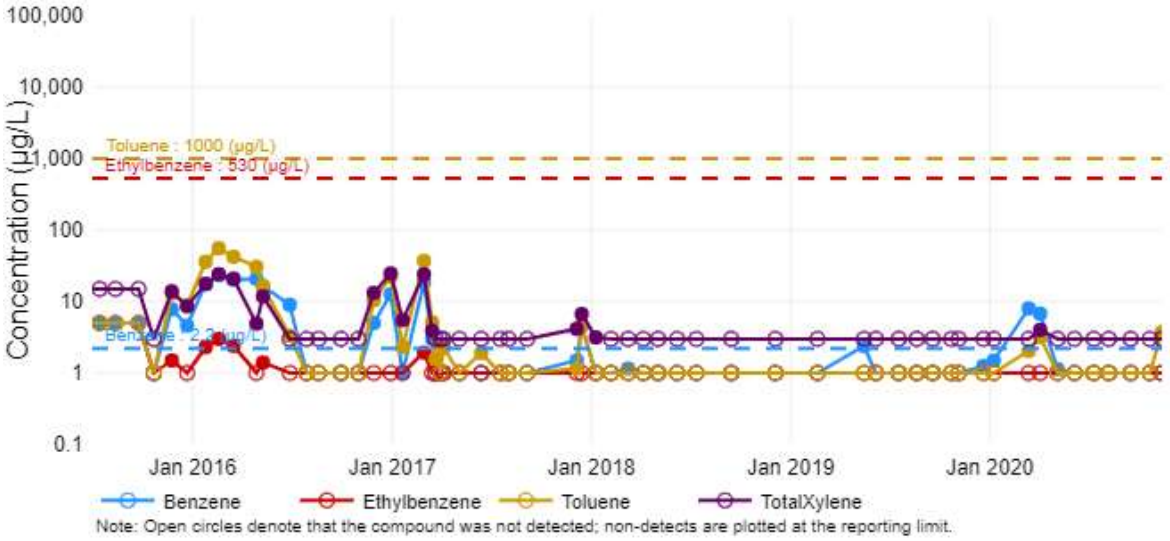
Attachment A – Product Thickness Trends





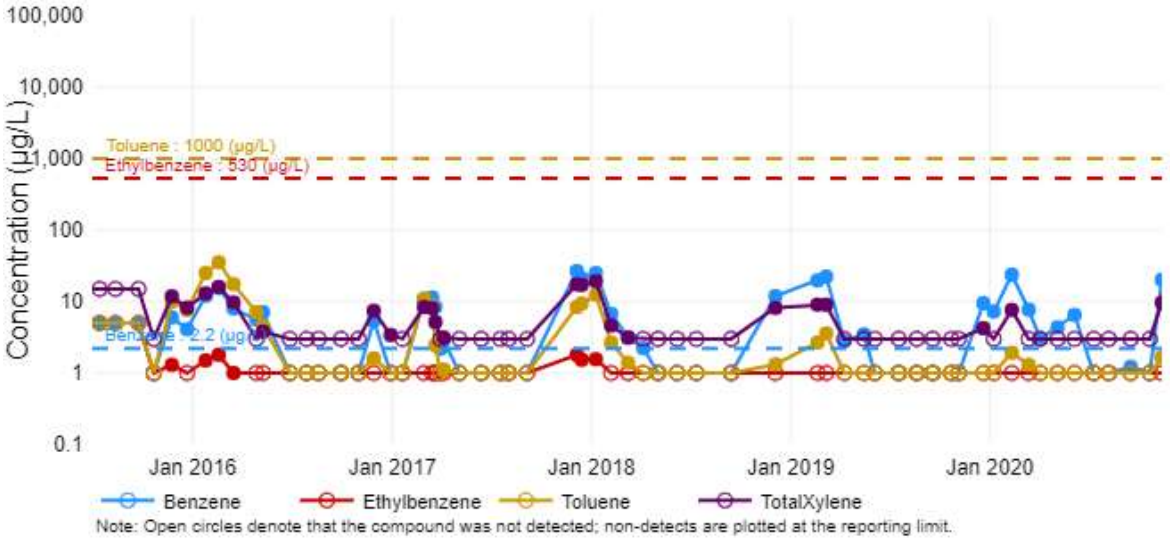
Attachment B
Surface Water Analytical Trends

SW-01



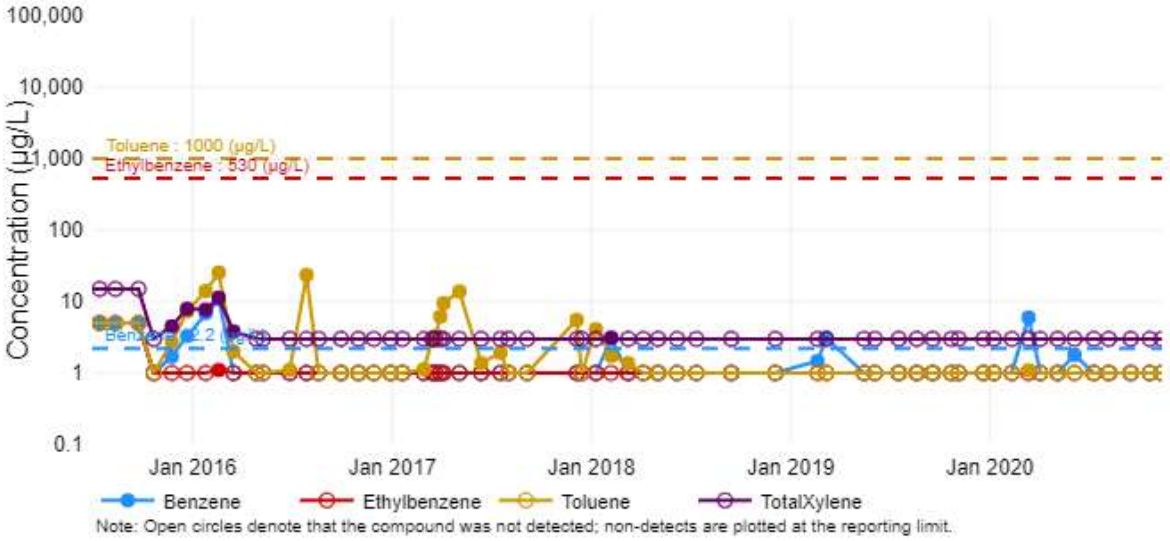
Note: Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

SW-02



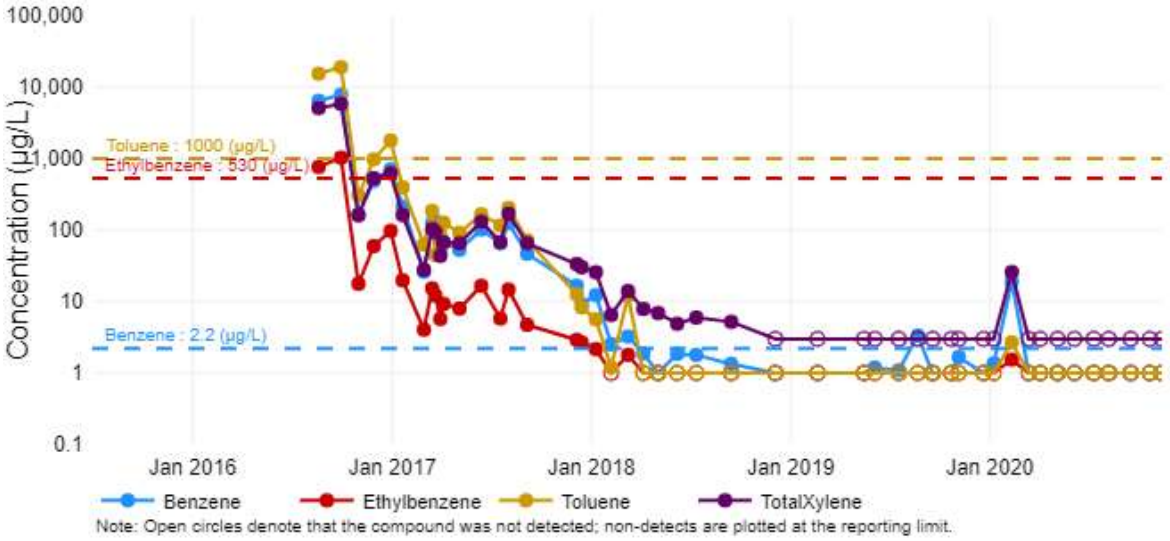
Note: Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

SW-04



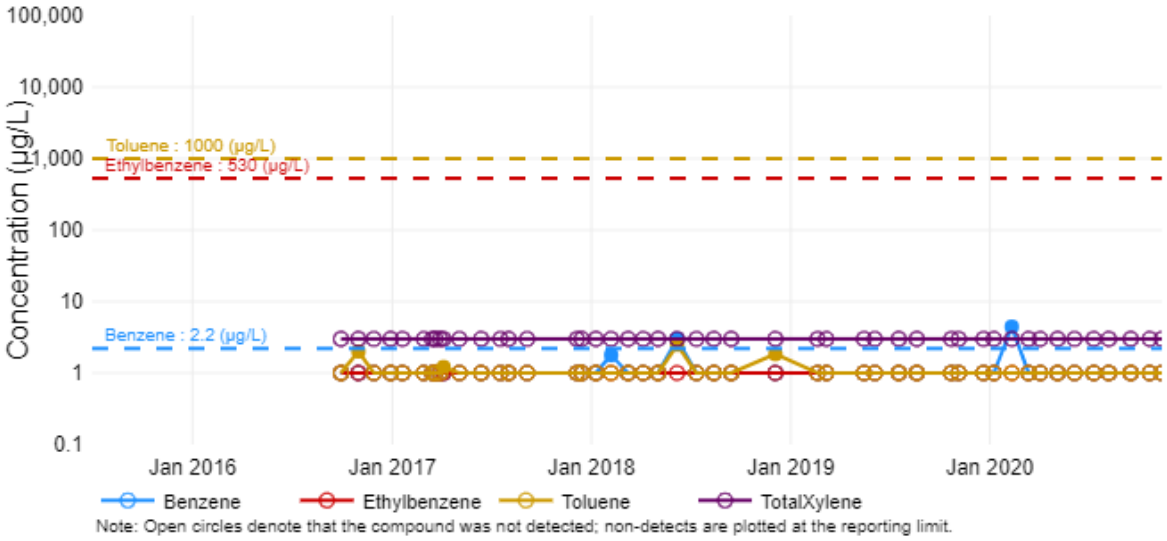
Note: Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

SW-12



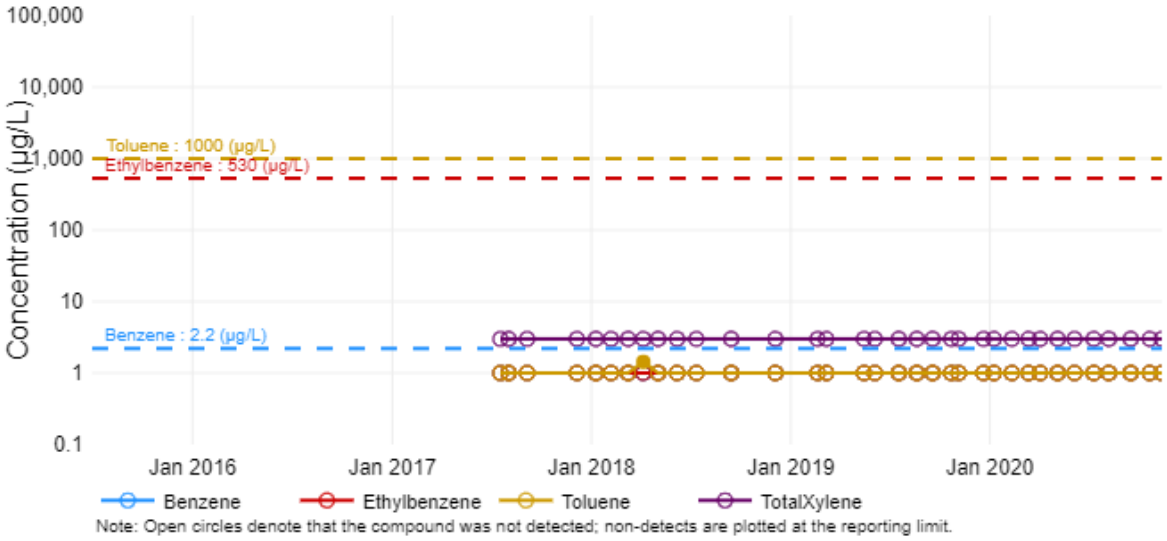
Note: Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

SW-13



Note: Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

SW-14

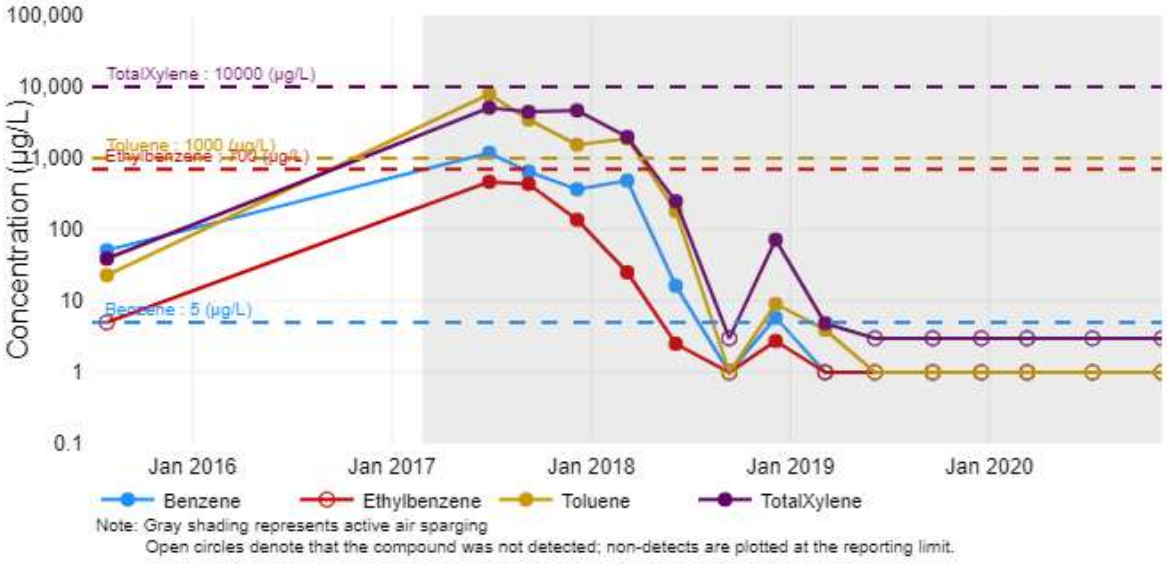


Note: Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

Attachment C
Groundwater Analytical Trends

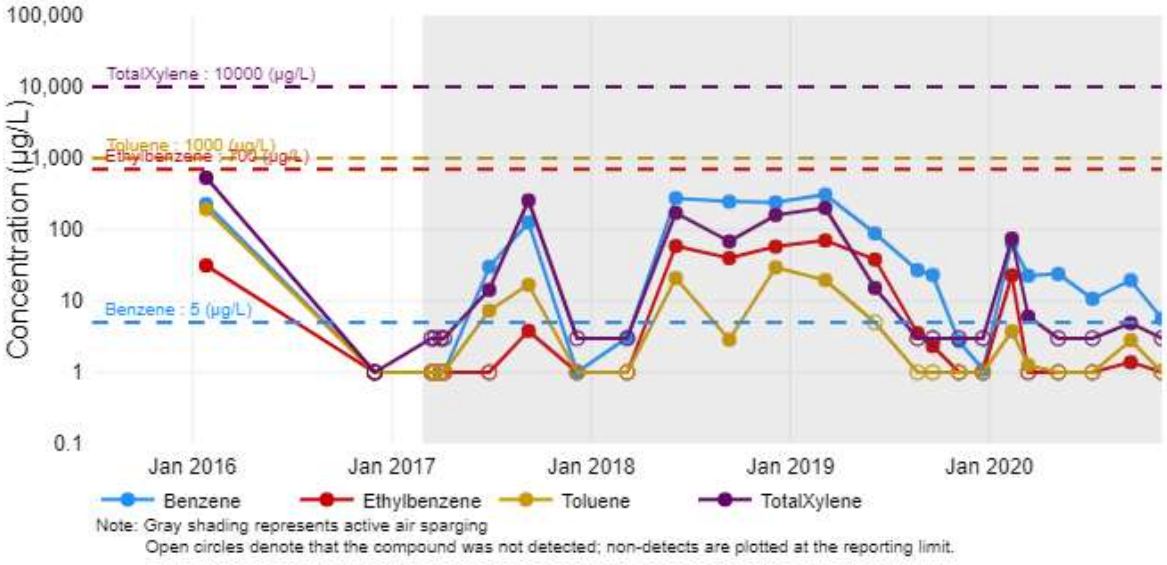
Browns Creek Monitoring Well Trends

MW-12



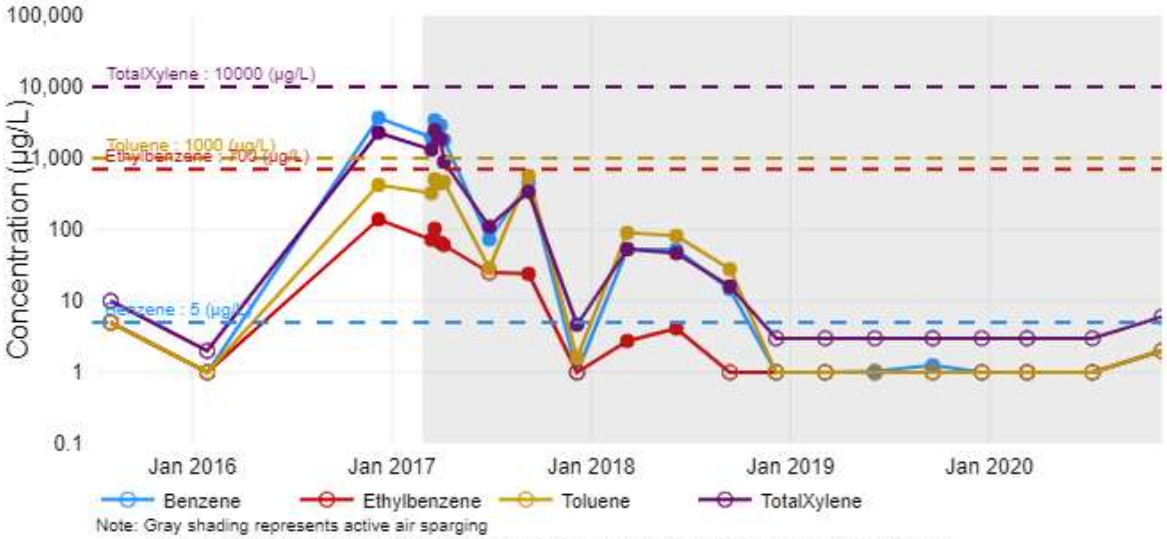
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-12B



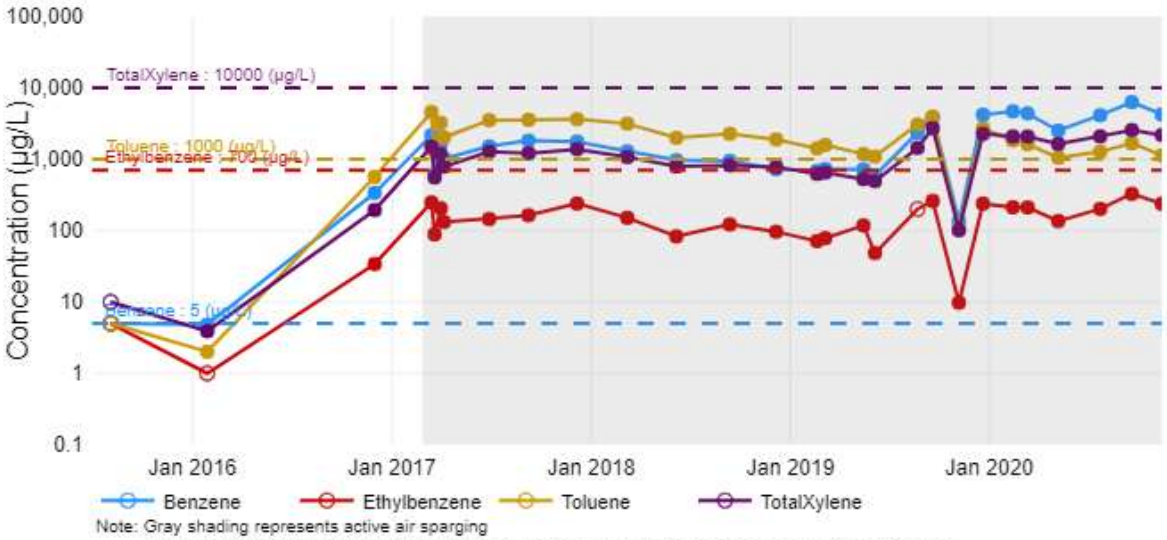
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-15



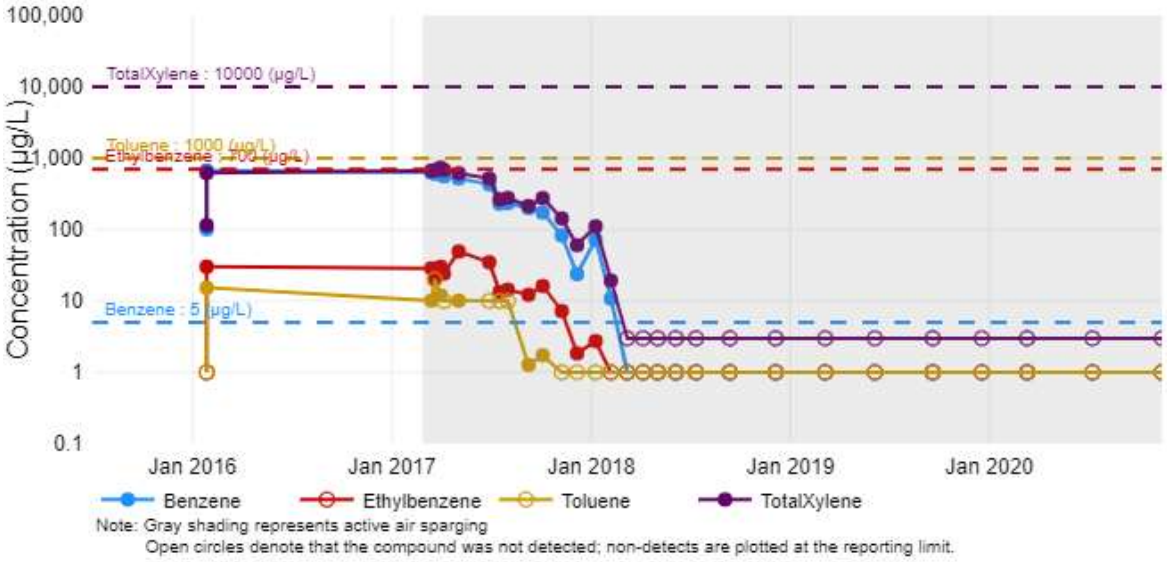
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-15B



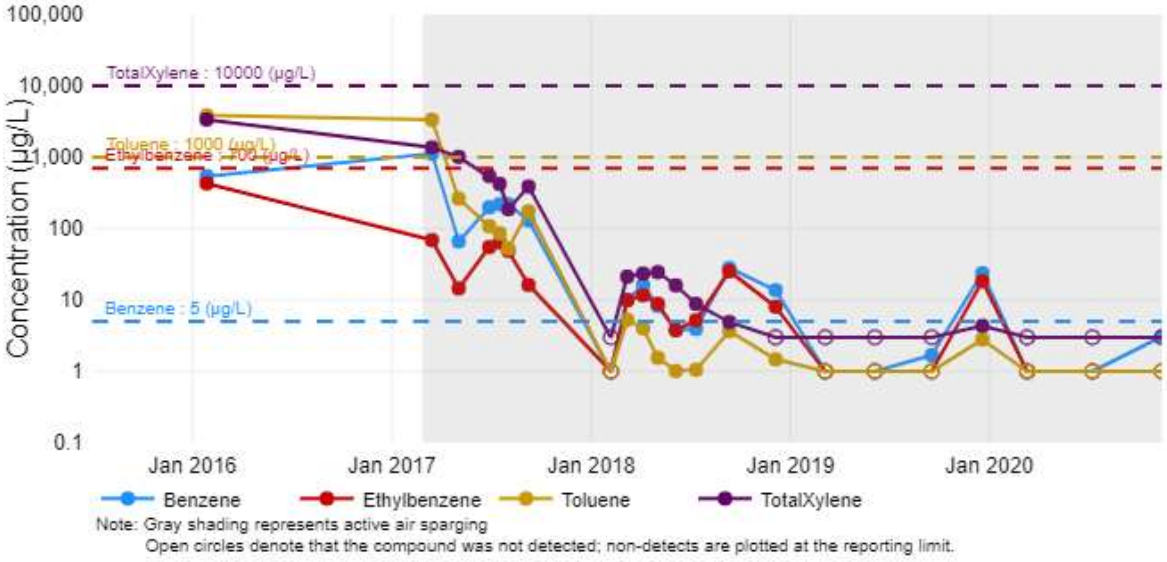
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-25



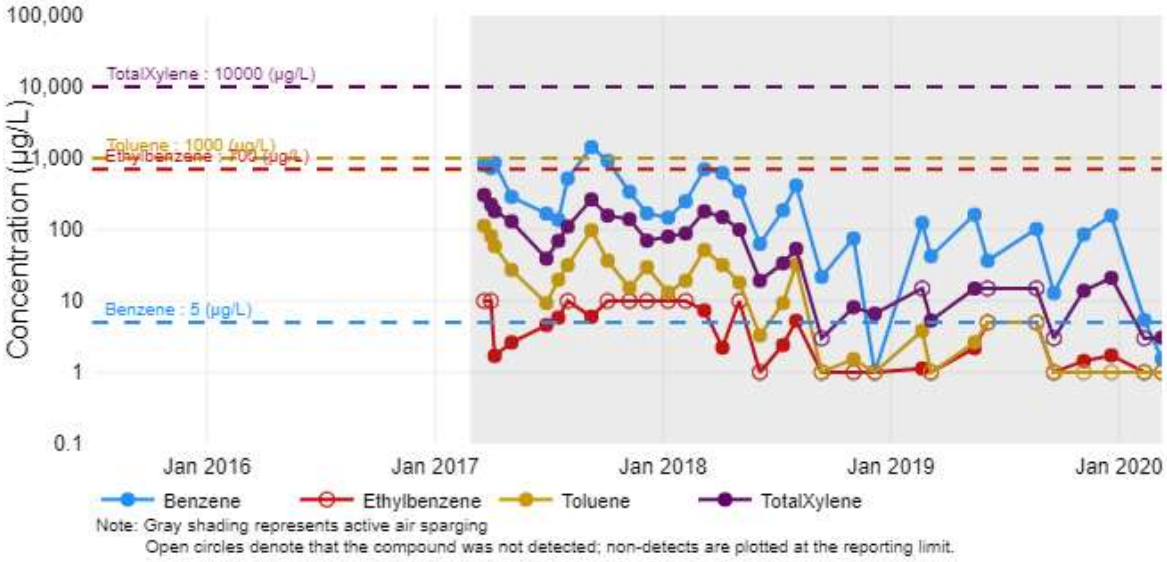
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-28



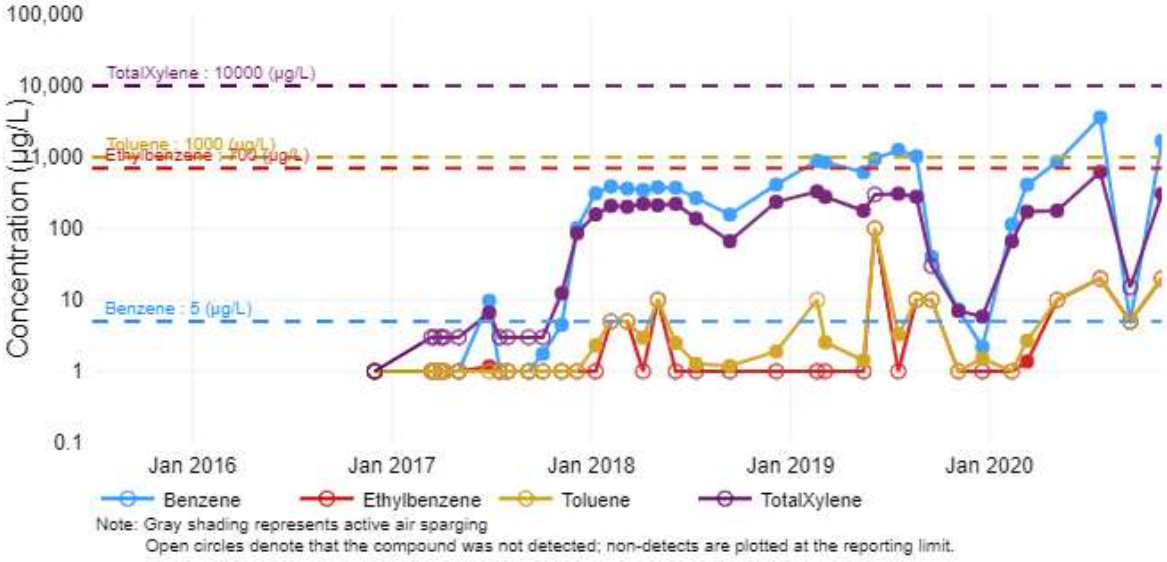
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-34



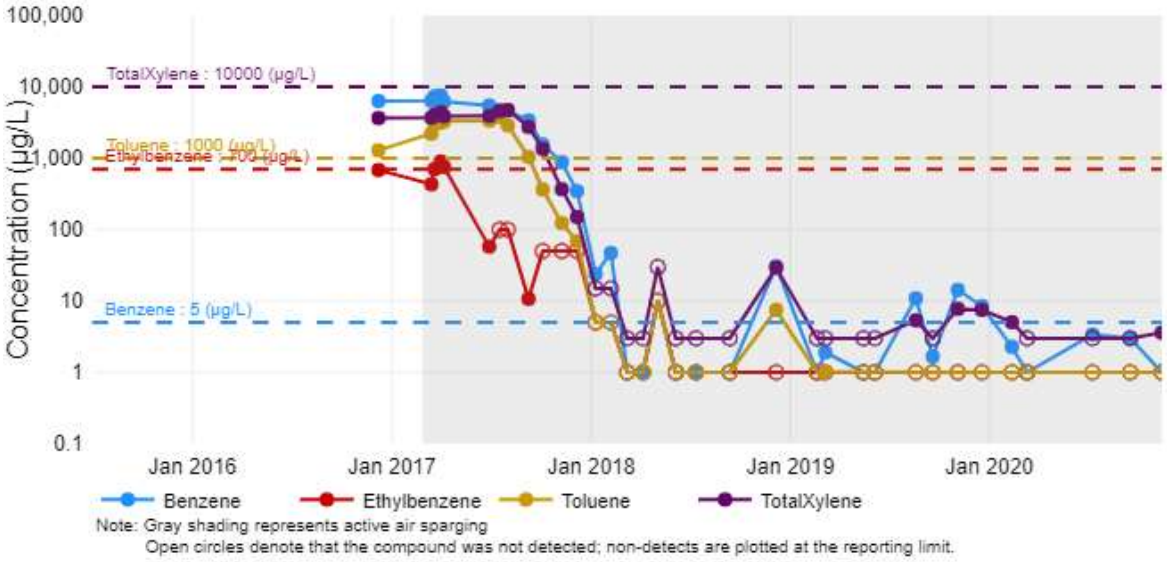
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-38



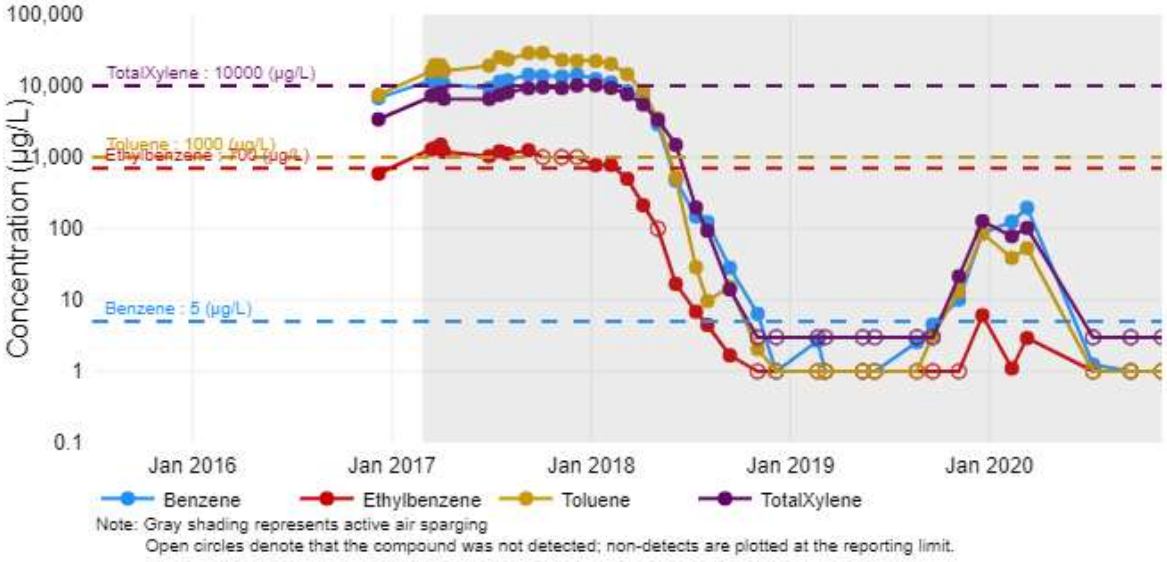
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-39



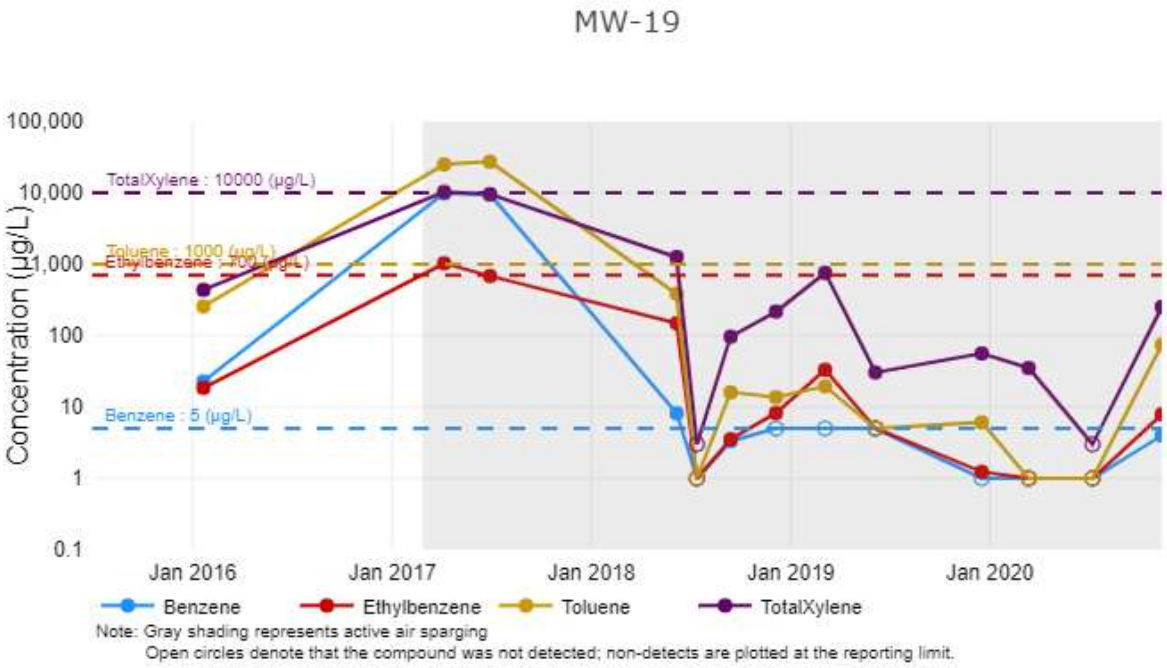
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

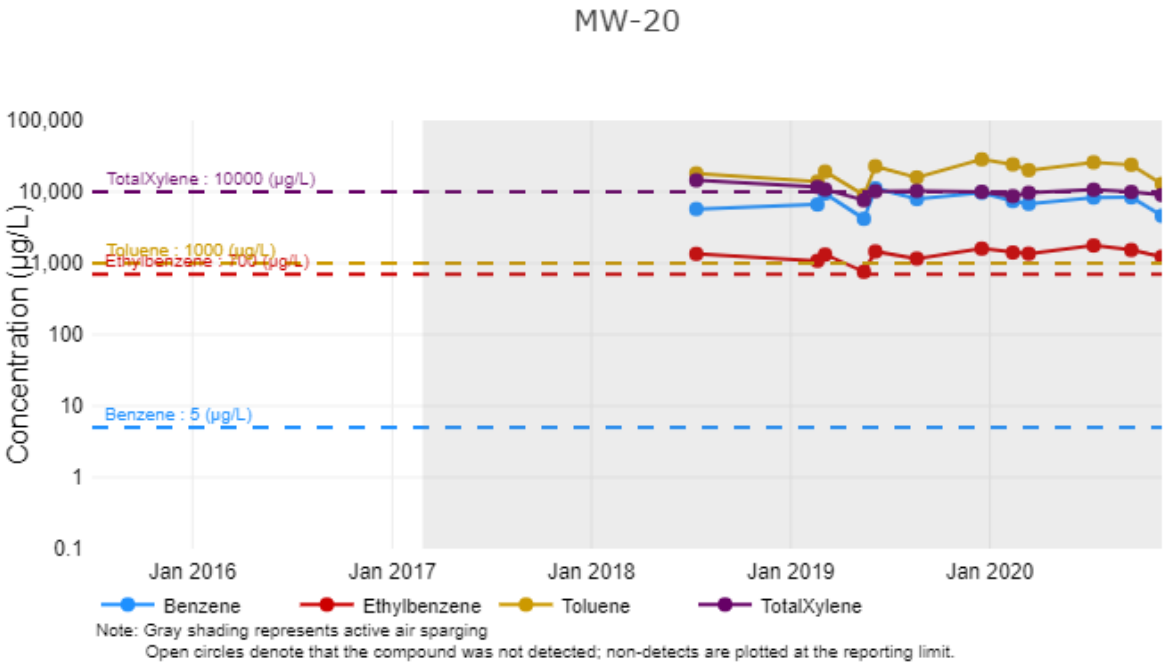
MW-40



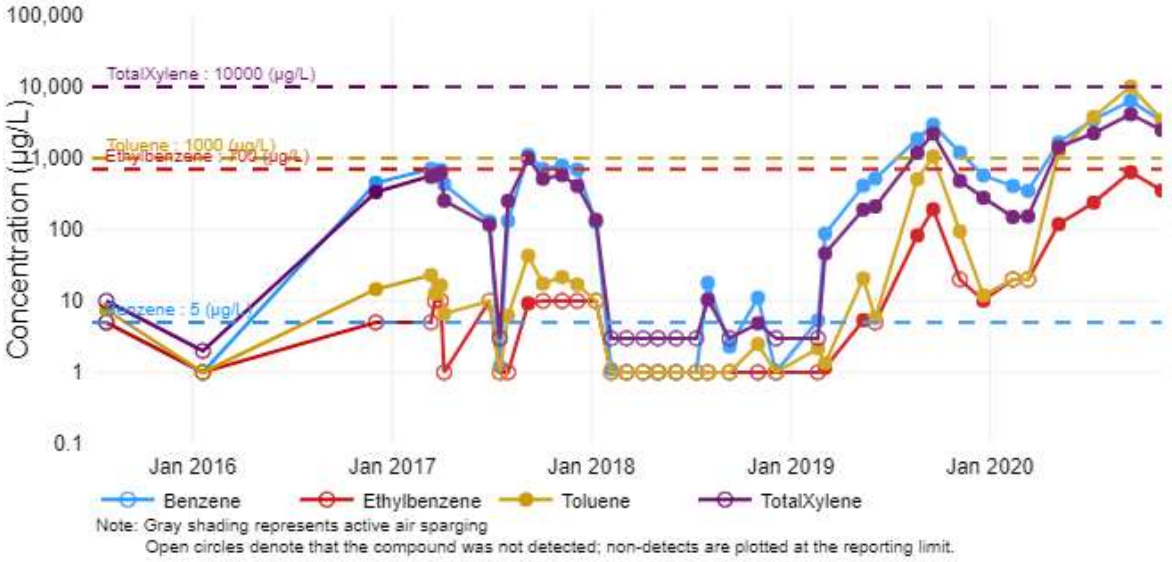
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

Cupboard Creek Monitoring Well Trends



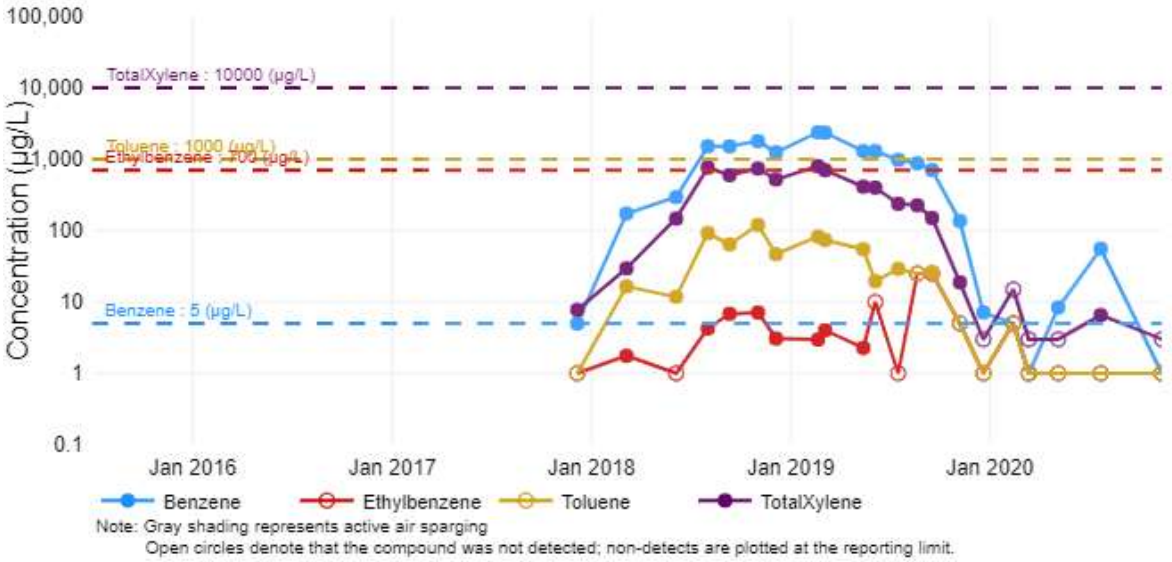


MW-23



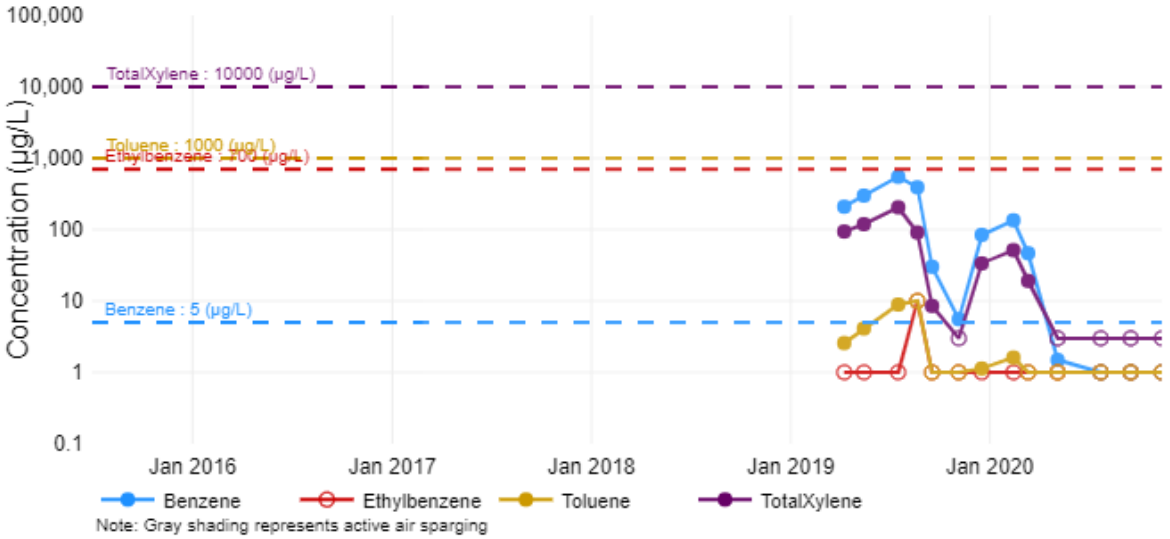
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-46



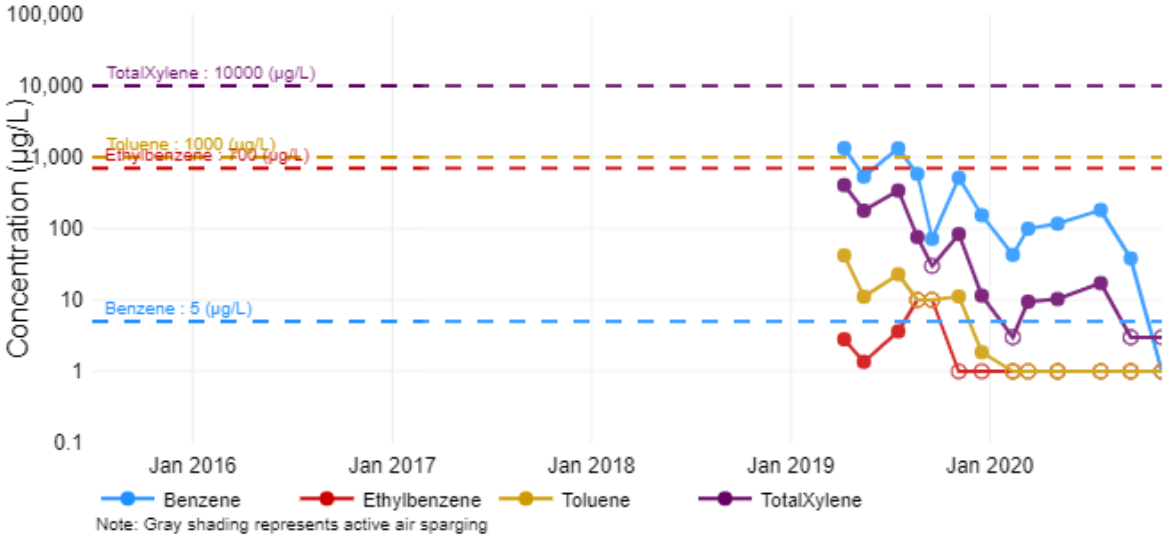
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-56



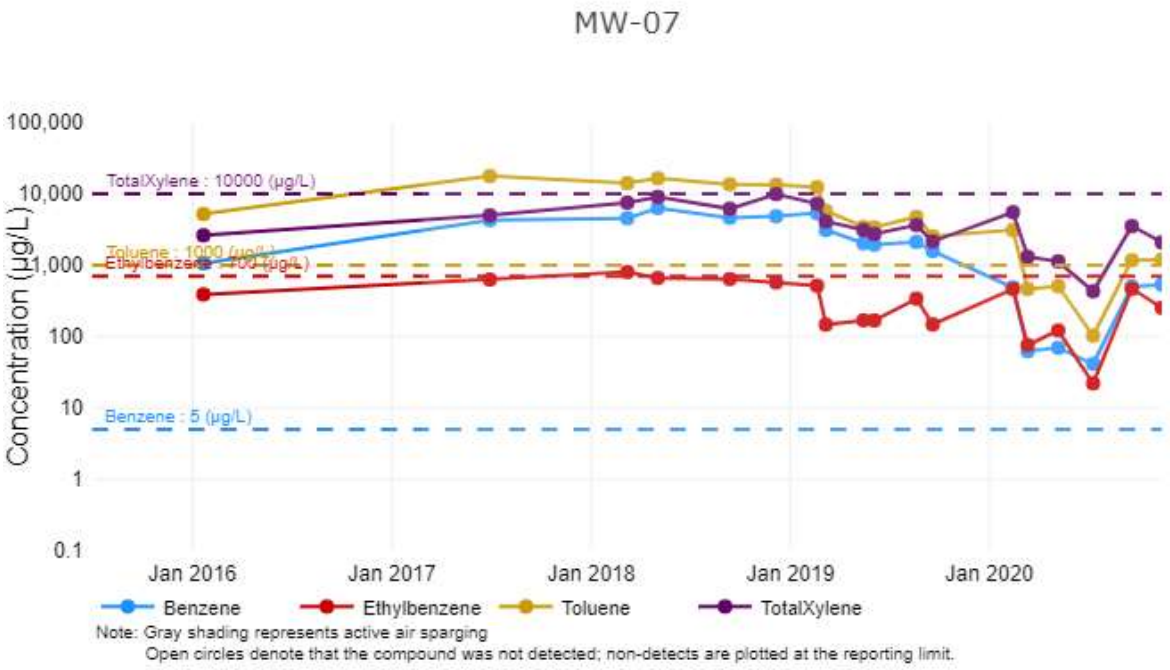
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

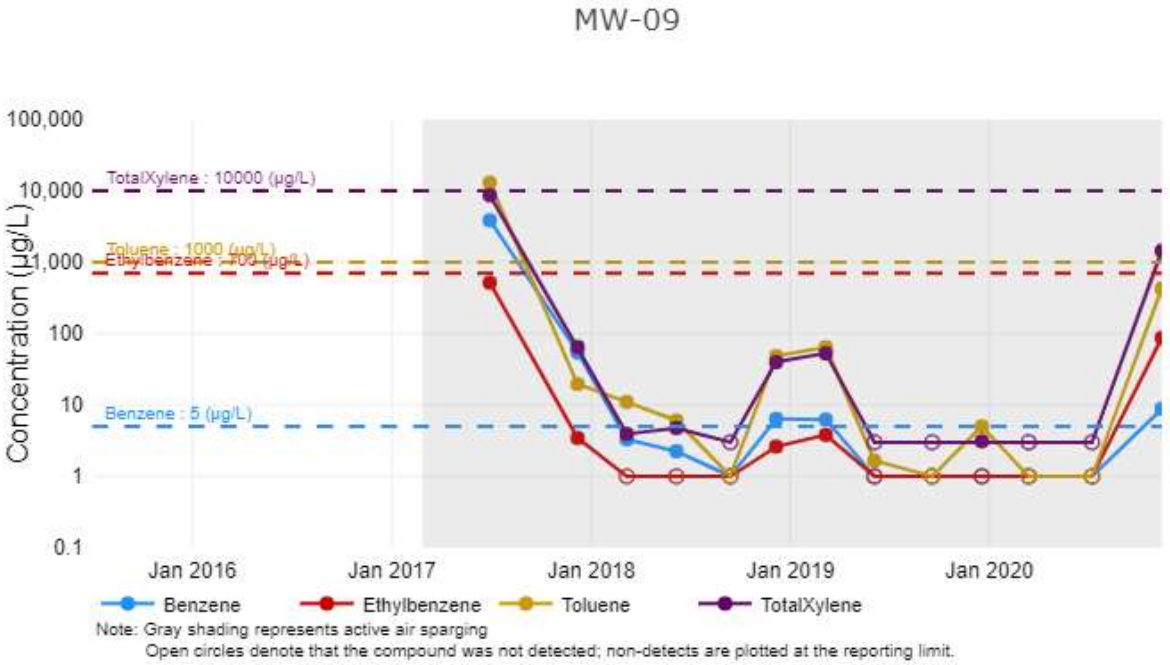
MW-57



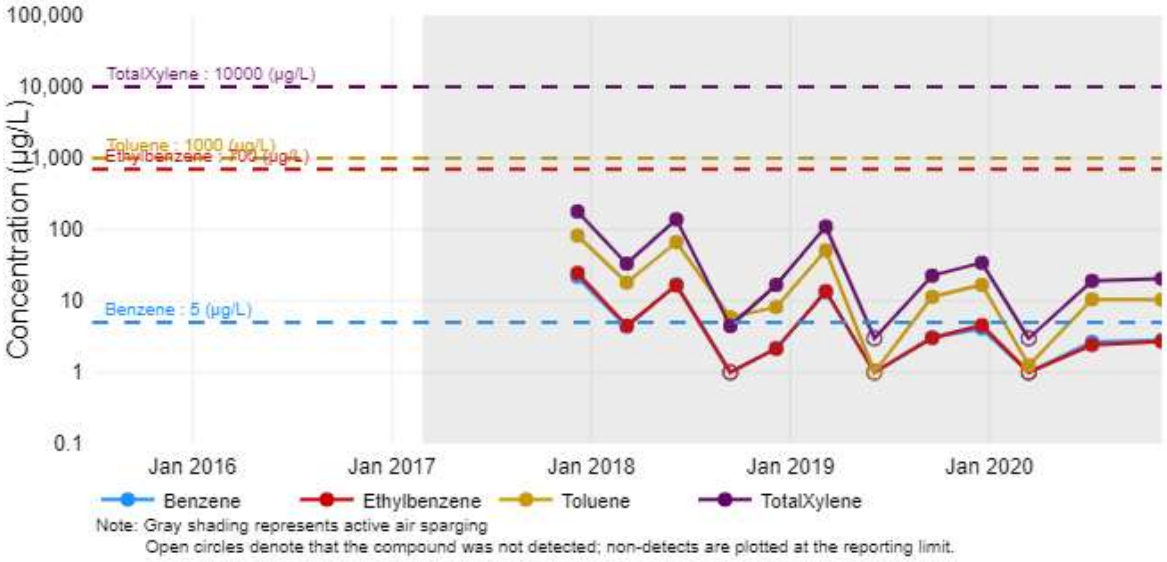
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

Hayfield Monitoring Well Trends



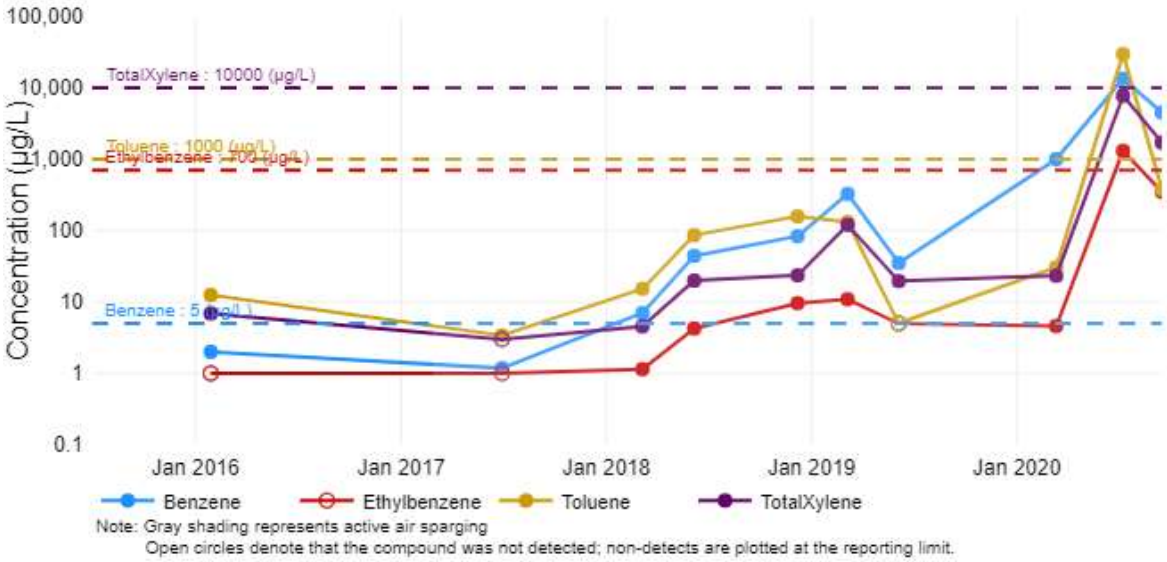


MW-09B



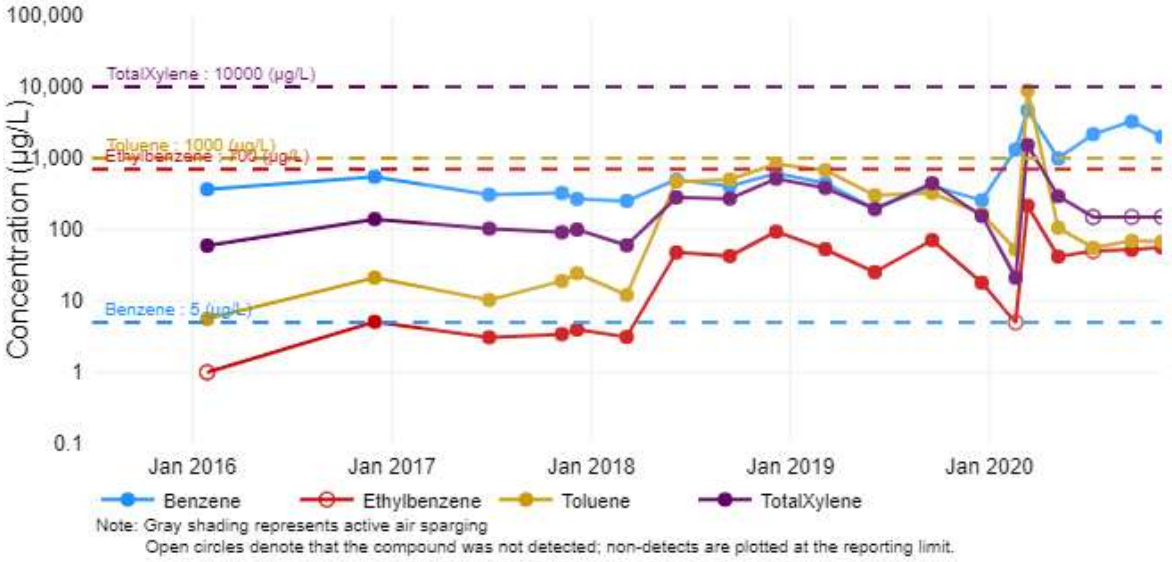
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-13



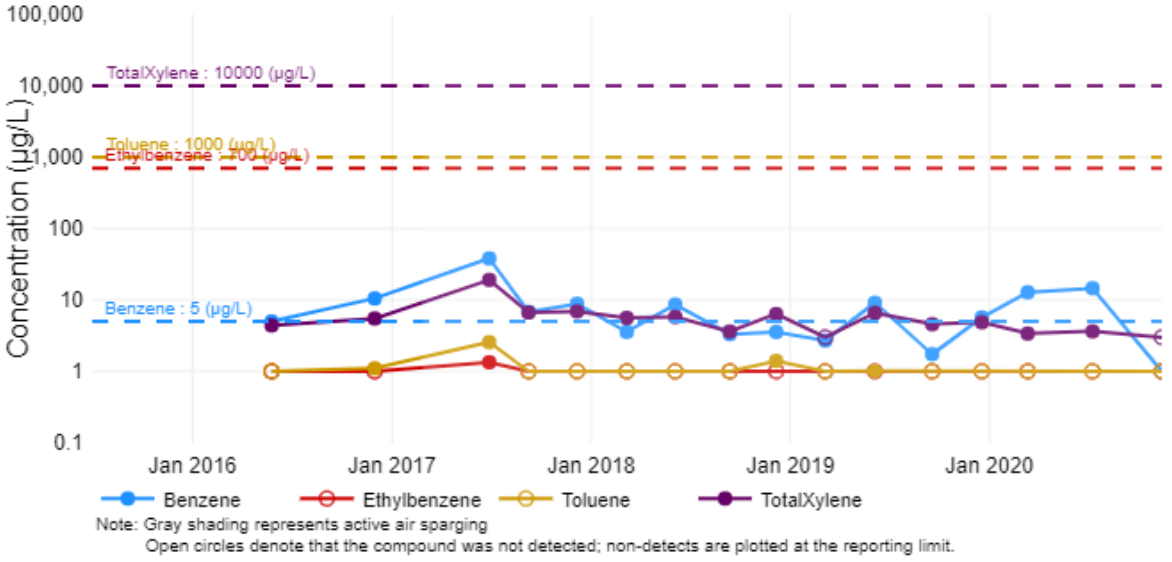
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-13B



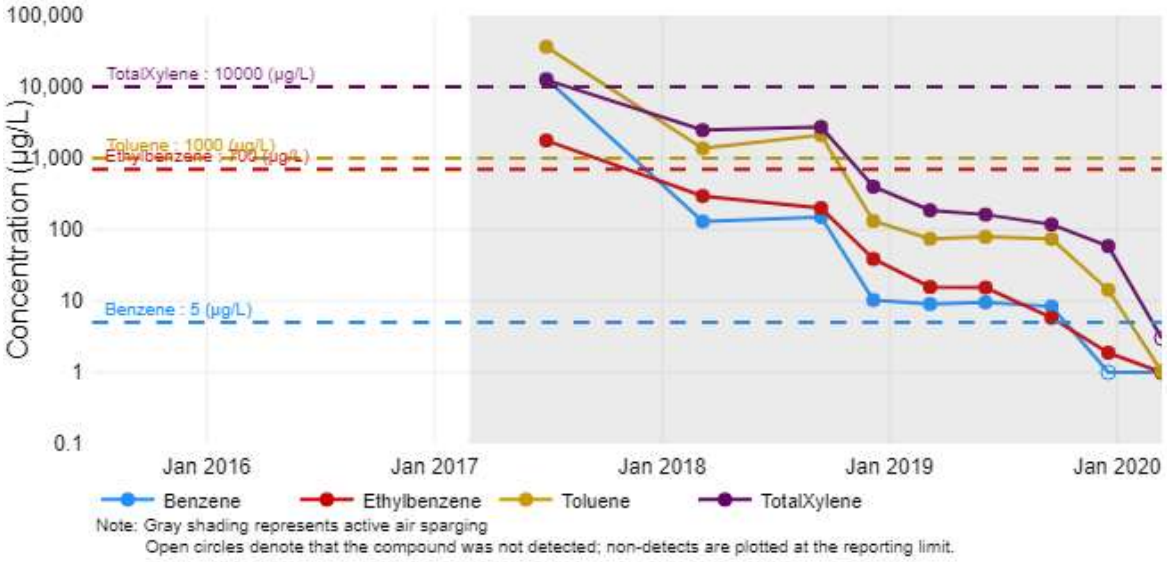
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-14B



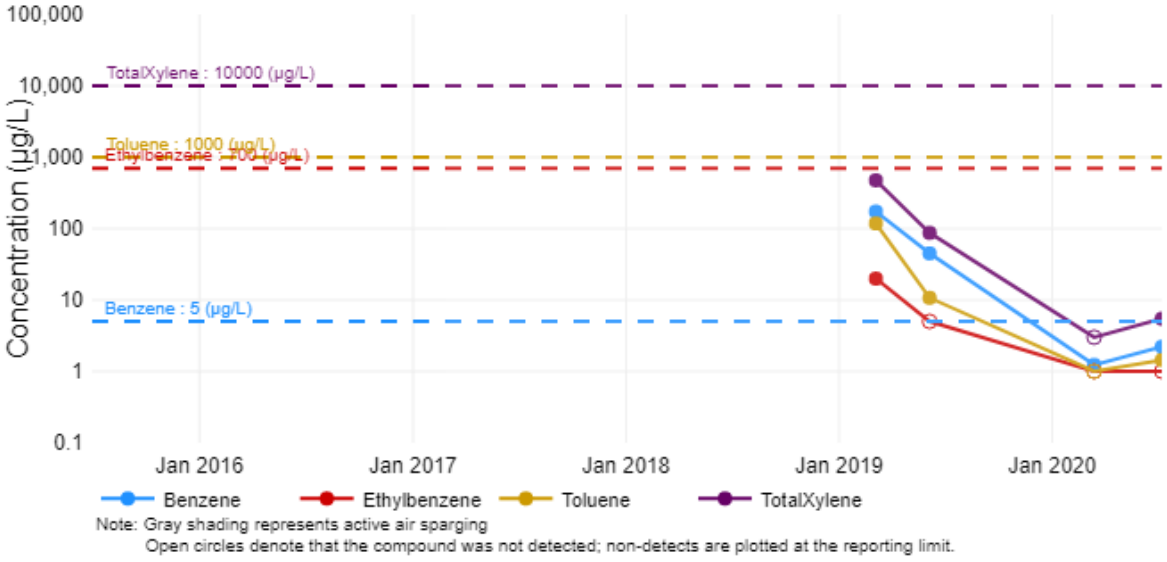
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-16



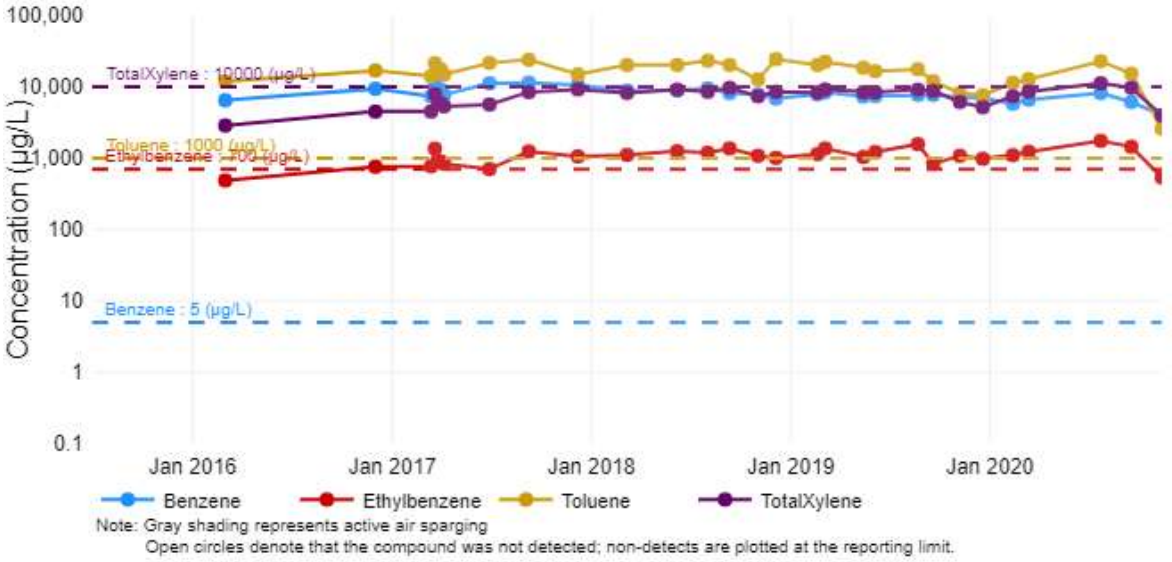
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-17



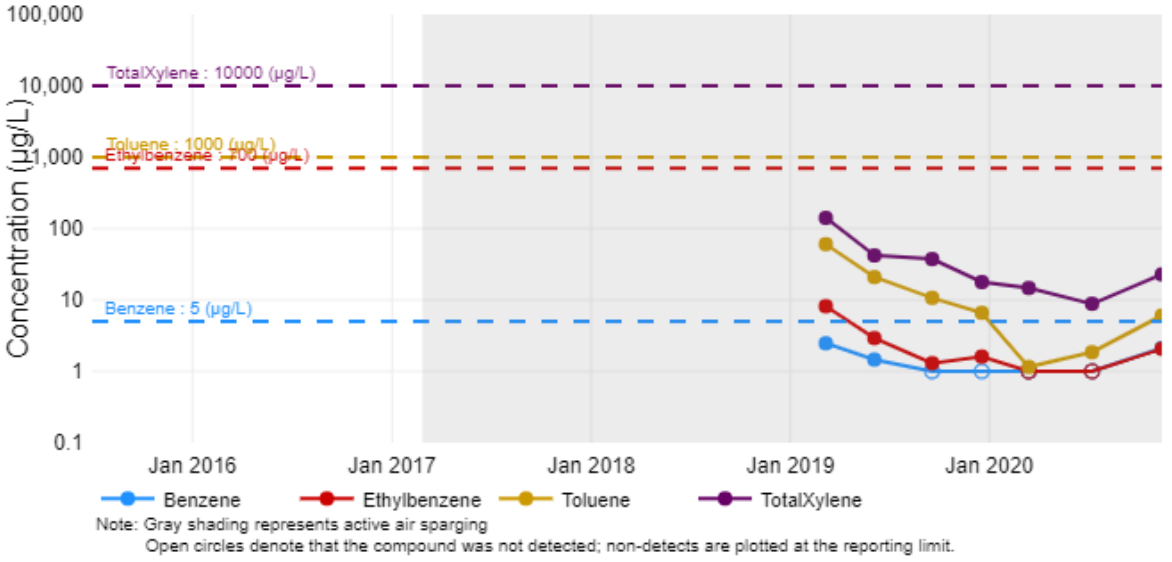
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-17B



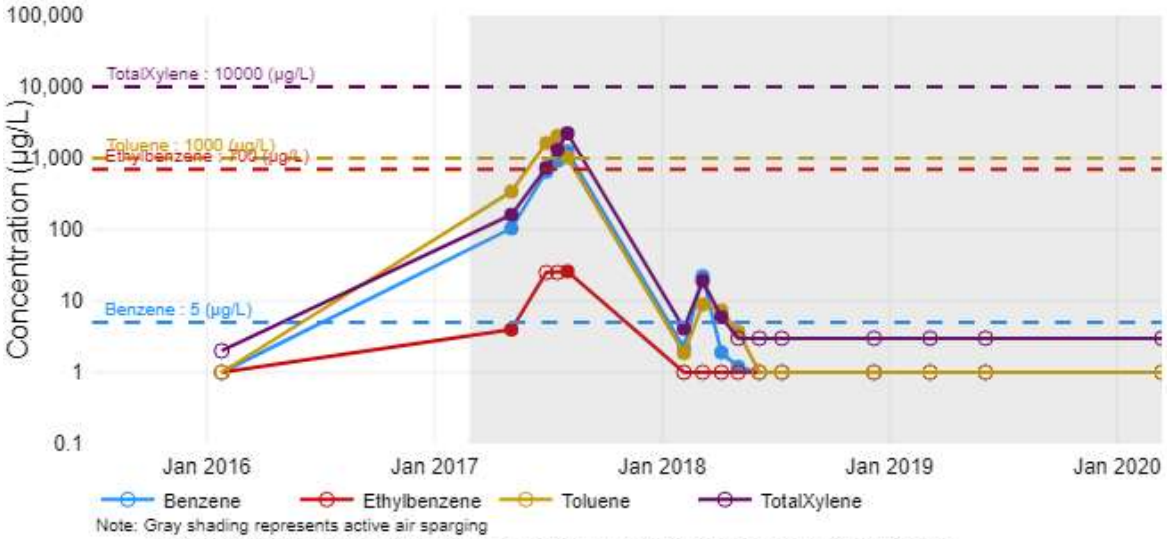
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-18



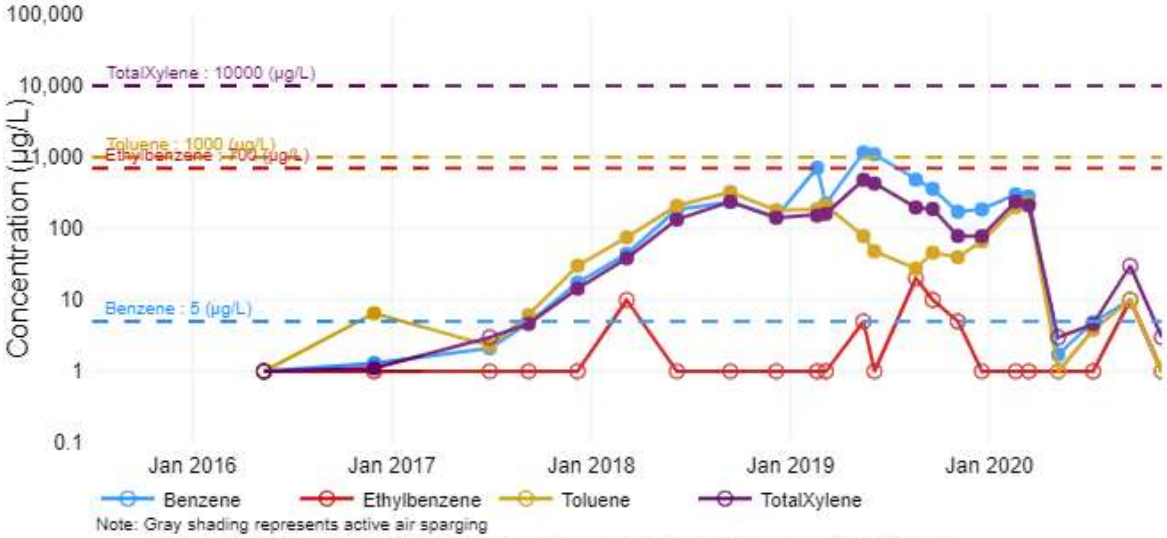
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-30



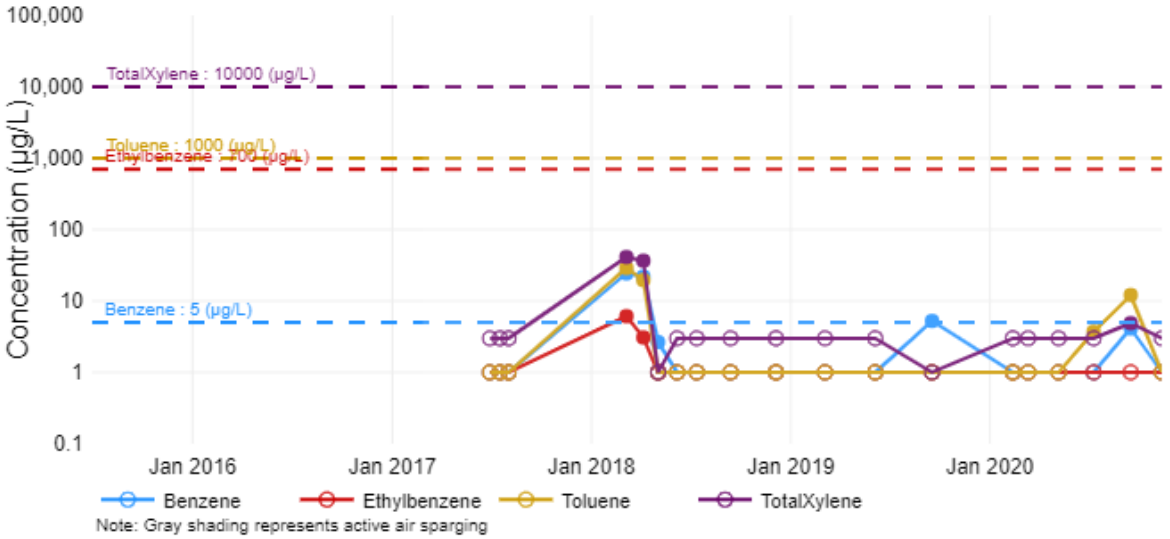
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-36



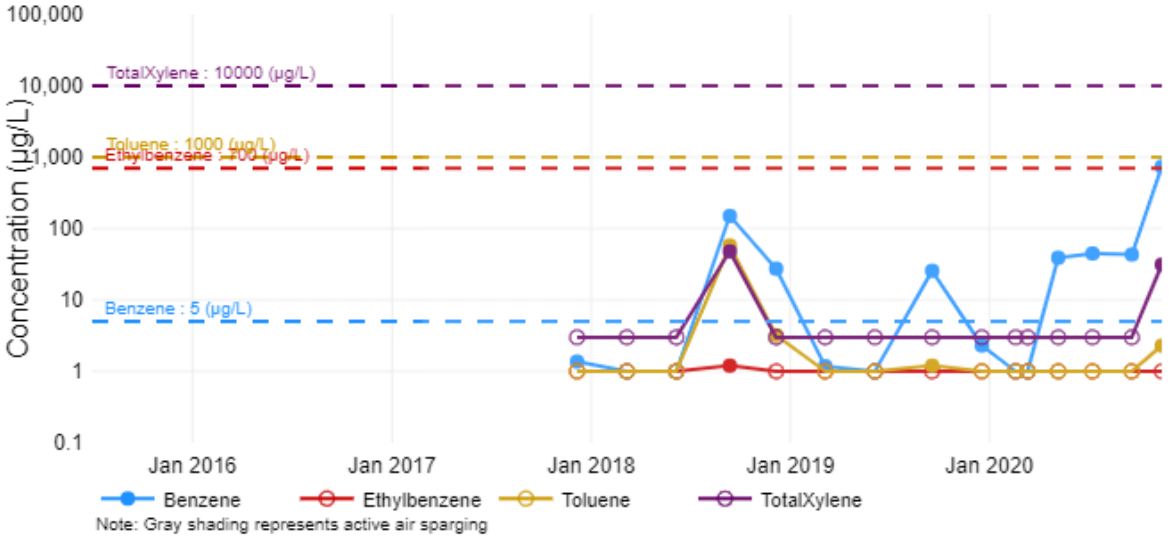
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

MW-45



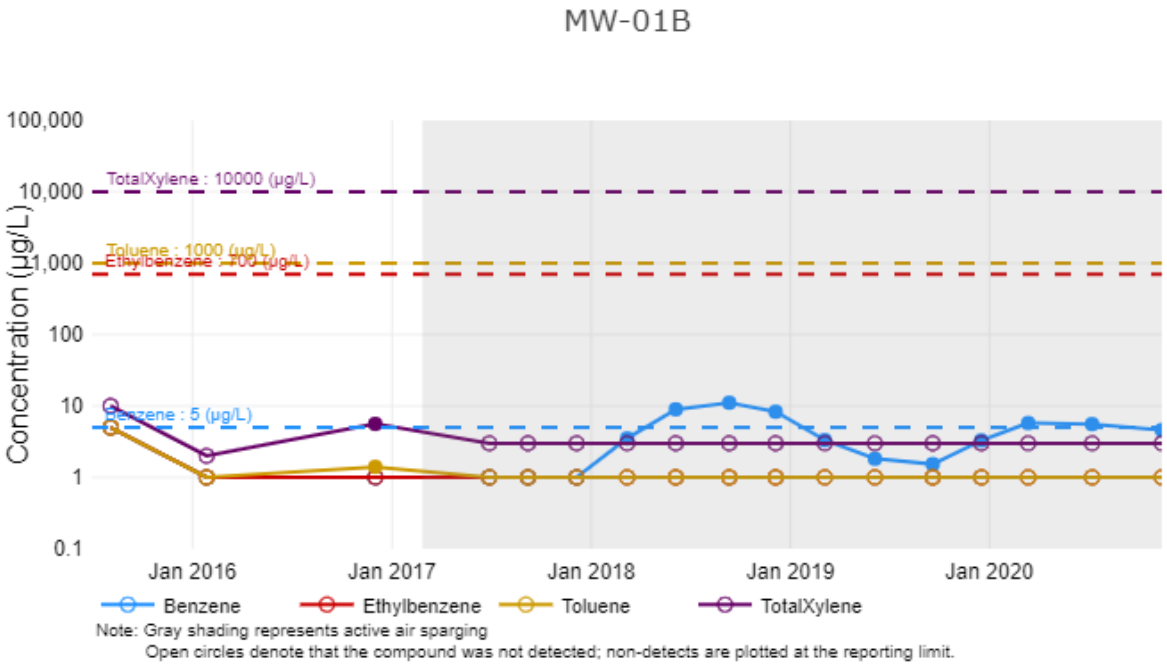
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

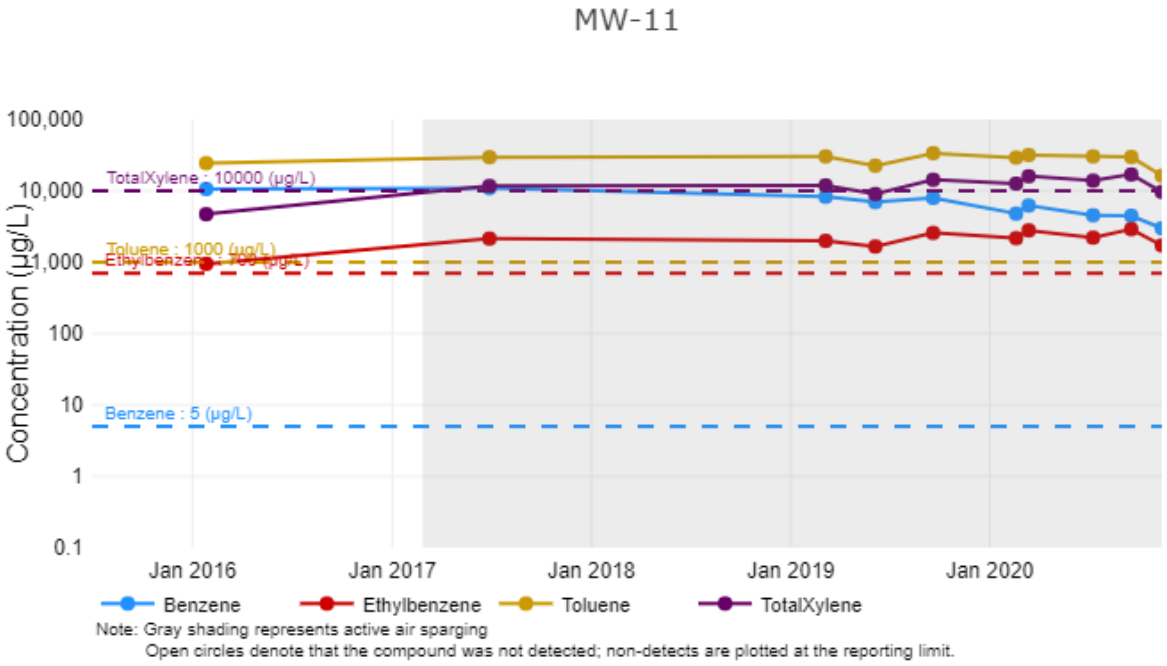
MW-50B

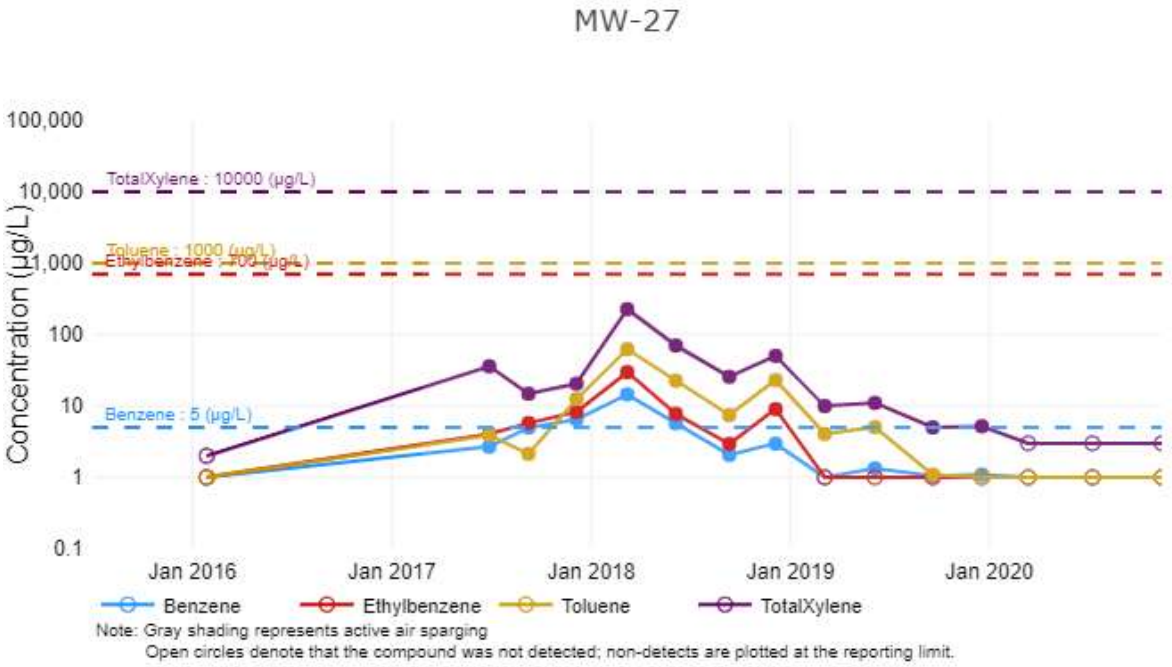


Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

Shallow Bedrock Monitoring Well Trends






MW-27
100,000
10,000
1,000
100
10
1
0.1
Concentration (µg/L)
TotalXylene : 10000 (µg/L)
Toluene : 1000 (µg/L)
Ethylbenzene : 700 (µg/L)
Benzene : 5 (µg/L)
Jan 2016
Jan 2017
Jan 2018
Jan 2019
Jan 2020
Benzene
Ethylbenzene
Toluene
TotalXylene
Note: Gray shading represents active air sparging
Open circles denote that the compound was not detected; non-detects are plotted at the reporting limit.

Attachment D
Analytical Laboratory Reports

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

September 28, 2020

Revised Report

Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L1262629
Samples Received:	09/16/2020
Project Number:	KMOMLD20
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.

TABLE OF CONTENTS

MW-60-091520 L1262629-01 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 13:45 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545872	20	09/19/20 17:21	09/19/20 17:21	JHH	Mt. Juliet, TN

MW-56-091520 L1262629-02 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 13:55 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545872	1	09/19/20 15:59	09/19/20 15:59	ACG	Mt. Juliet, TN

MW-57-091520 L1262629-03 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 14:05 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545872	1	09/19/20 16:19	09/19/20 16:19	ACG	Mt. Juliet, TN

MW-41-091520 L1262629-04 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 14:10 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545872	1	09/19/20 16:40	09/19/20 16:40	ACG	Mt. Juliet, TN

MW-39-091520 L1262629-05 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 14:15 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545872	1	09/19/20 17:00	09/19/20 17:00	ACG	Mt. Juliet, TN

MW-37-091520 L1262629-06 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 14:35 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1547385	1	09/23/20 08:19	09/23/20 08:19	ACG	Mt. Juliet, TN

MW-38-091520 L1262629-07 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 14:30 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1547385	5	09/23/20 08:41	09/23/20 08:41	JHH	Mt. Juliet, TN

MW-38B-091520 L1262629-08 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 14:40 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1547385	20	09/23/20 09:02	09/23/20 09:02	JHH	Mt. Juliet, TN

FB01-091520 L1262629-09 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 15:25 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1547385	1	09/23/20 07:57	09/23/20 07:57	ACG	Mt. Juliet, TN

MW-13-091520 L1262629-11 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 17:22 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1547385	50	09/23/20 09:24	09/23/20 09:24	JHH	Mt. Juliet, TN

MW-13-D-091520 L1262629-12 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 17:25 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545901	1	09/19/20 16:52	09/19/20 16:52	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1547385	100	09/23/20 09:45	09/23/20 09:45	ACG	Mt. Juliet, TN

MW-23-091520 L1262629-13 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 17:45 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545901	20	09/19/20 18:28	09/19/20 18:28	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1547385	200	09/23/20 10:07	09/23/20 10:07	ACG	Mt. Juliet, TN

MW-45-091520 L1262629-14 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 18:00 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545901	1	09/19/20 17:11	09/19/20 17:11	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1547385	1	09/23/20 10:28	09/23/20 10:28	ACG	Mt. Juliet, TN

MW-36-091520 L1262629-15 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 18:45 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545901	10	09/19/20 17:30	09/19/20 17:30	JHH	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

Report Revision History

Level II Report - Version 1: 09/23/20 20:50

Project Narrative

The trip blank received is not reporting due to QC failure on the initial analyis.

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	1190		20.0	20	09/19/2020 17:21	WG1545872
Toluene	ND		20.0	20	09/19/2020 17:21	WG1545872
Ethylbenzene	ND		20.0	20	09/19/2020 17:21	WG1545872
Total Xylenes	ND		60.0	20	09/19/2020 17:21	WG1545872
Methyl tert-butyl ether	212		20.0	20	09/19/2020 17:21	WG1545872
Naphthalene	ND	J3	100	20	09/19/2020 17:21	WG1545872
1,2-Dichloroethane	ND		20.0	20	09/19/2020 17:21	WG1545872
(S) Toluene-d8	*101*		*80.0-120*		*09/19/2020 17:21*	WG1545872
(S) 4-Bromofluorobenzene	*96.8*		*77.0-126*		*09/19/2020 17:21*	WG1545872
(S) 1,2-Dichloroethane-d4	*92.4*		*70.0-130*		*09/19/2020 17:21*	WG1545872

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/19/2020 15:59	WG1545872
Toluene	ND		1.00	1	09/19/2020 15:59	WG1545872
Ethylbenzene	ND		1.00	1	09/19/2020 15:59	WG1545872
Total Xylenes	ND		3.00	1	09/19/2020 15:59	WG1545872
Methyl tert-butyl ether	48.5		1.00	1	09/19/2020 15:59	WG1545872
Naphthalene	ND	J3	5.00	1	09/19/2020 15:59	WG1545872
1,2-Dichloroethane	ND		1.00	1	09/19/2020 15:59	WG1545872
(S) Toluene-d8	*102*		*80.0-120*		*09/19/2020 15:59*	WG1545872
(S) 4-Bromofluorobenzene	*100*		*77.0-126*		*09/19/2020 15:59*	WG1545872
(S) 1,2-Dichloroethane-d4	*96.5*		*70.0-130*		*09/19/2020 15:59*	WG1545872

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	38.1		1.00	1	09/19/2020 16:19	WG1545872
Toluene	ND		1.00	1	09/19/2020 16:19	WG1545872
Ethylbenzene	ND		1.00	1	09/19/2020 16:19	WG1545872
Total Xylenes	ND		3.00	1	09/19/2020 16:19	WG1545872
Methyl tert-butyl ether	97.2		1.00	1	09/19/2020 16:19	WG1545872
Naphthalene	ND	J3	5.00	1	09/19/2020 16:19	WG1545872
1,2-Dichloroethane	ND		1.00	1	09/19/2020 16:19	WG1545872
(S) Toluene-d8	*103*		*80.0-120*		*09/19/2020 16:19*	WG1545872
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*09/19/2020 16:19*	WG1545872
(S) 1,2-Dichloroethane-d4	*93.4*		*70.0-130*		*09/19/2020 16:19*	WG1545872

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/19/2020 16:40	WG1545872
Toluene	ND		1.00	1	09/19/2020 16:40	WG1545872
Ethylbenzene	ND		1.00	1	09/19/2020 16:40	WG1545872
Total Xylenes	ND		3.00	1	09/19/2020 16:40	WG1545872
Methyl tert-butyl ether	ND		1.00	1	09/19/2020 16:40	WG1545872
Naphthalene	ND	J3	5.00	1	09/19/2020 16:40	WG1545872
1,2-Dichloroethane	ND		1.00	1	09/19/2020 16:40	WG1545872
(S) Toluene-d8	*102*		*80.0-120*		*09/19/2020 16:40*	WG1545872
(S) 4-Bromofluorobenzene	*97.8*		*77.0-126*		*09/19/2020 16:40*	WG1545872
(S) 1,2-Dichloroethane-d4	*99.5*		*70.0-130*		*09/19/2020 16:40*	WG1545872

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	3.01		1.00	1	09/19/2020 17:00	WG1545872
Toluene	ND		1.00	1	09/19/2020 17:00	WG1545872
Ethylbenzene	ND		1.00	1	09/19/2020 17:00	WG1545872
Total Xylenes	ND		3.00	1	09/19/2020 17:00	WG1545872
Methyl tert-butyl ether	96.8		1.00	1	09/19/2020 17:00	WG1545872
Naphthalene	ND	J3	5.00	1	09/19/2020 17:00	WG1545872
1,2-Dichloroethane	ND		1.00	1	09/19/2020 17:00	WG1545872
(S) Toluene-d8	*102*		*80.0-120*		*09/19/2020 17:00*	WG1545872
(S) 4-Bromofluorobenzene	*105*		*77.0-126*		*09/19/2020 17:00*	WG1545872
(S) 1,2-Dichloroethane-d4	*94.1*		*70.0-130*		*09/19/2020 17:00*	WG1545872

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/23/2020 08:19	WG1547385
Toluene	ND		1.00	1	09/23/2020 08:19	WG1547385
Ethylbenzene	ND		1.00	1	09/23/2020 08:19	WG1547385
Total Xylenes	ND		3.00	1	09/23/2020 08:19	WG1547385
Methyl tert-butyl ether	ND		1.00	1	09/23/2020 08:19	WG1547385
Naphthalene	ND		5.00	1	09/23/2020 08:19	WG1547385
1,2-Dichloroethane	ND		1.00	1	09/23/2020 08:19	WG1547385
(S) Toluene-d8	*96.6*		*80.0-120*		*09/23/2020 08:19*	WG1547385
(S) 4-Bromofluorobenzene	*89.1*		*77.0-126*		*09/23/2020 08:19*	WG1547385
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*09/23/2020 08:19*	WG1547385

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		5.00	5	09/23/2020 08:41	WG1547385
Toluene	ND		5.00	5	09/23/2020 08:41	WG1547385
Ethylbenzene	ND		5.00	5	09/23/2020 08:41	WG1547385
Total Xylenes	ND		15.0	5	09/23/2020 08:41	WG1547385
Methyl tert-butyl ether	110		5.00	5	09/23/2020 08:41	WG1547385
Naphthalene	ND		25.0	5	09/23/2020 08:41	WG1547385
1,2-Dichloroethane	ND		5.00	5	09/23/2020 08:41	WG1547385
(S) Toluene-d8	*105*		*80.0-120*		*09/23/2020 08:41*	WG1547385
(S) 4-Bromofluorobenzene	*90.1*		*77.0-126*		*09/23/2020 08:41*	WG1547385
(S) 1,2-Dichloroethane-d4	*111*		*70.0-130*		*09/23/2020 08:41*	WG1547385

Sample Narrative:

L1262629-07 WG1547385: Non-target compounds too high to run at a lower dilution.

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	3680		20.0	20	09/23/2020 09:02	WG1547385
Toluene	ND		20.0	20	09/23/2020 09:02	WG1547385
Ethylbenzene	ND		20.0	20	09/23/2020 09:02	WG1547385
Total Xylenes	467		60.0	20	09/23/2020 09:02	WG1547385
Methyl tert-butyl ether	207		20.0	20	09/23/2020 09:02	WG1547385
Naphthalene	ND		100	20	09/23/2020 09:02	WG1547385
1,2-Dichloroethane	ND		20.0	20	09/23/2020 09:02	WG1547385
(S) Toluene-d8	*104*		*80.0-120*		*09/23/2020 09:02*	WG1547385
(S) 4-Bromofluorobenzene	*93.7*		*77.0-126*		*09/23/2020 09:02*	WG1547385
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*09/23/2020 09:02*	WG1547385

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/23/2020 07:57	WG1547385
Toluene	ND		1.00	1	09/23/2020 07:57	WG1547385
Ethylbenzene	ND		1.00	1	09/23/2020 07:57	WG1547385
Total Xylenes	ND		3.00	1	09/23/2020 07:57	WG1547385
Methyl tert-butyl ether	ND		1.00	1	09/23/2020 07:57	WG1547385
Naphthalene	ND		5.00	1	09/23/2020 07:57	WG1547385
1,2-Dichloroethane	ND		1.00	1	09/23/2020 07:57	WG1547385
(S) Toluene-d8	*101*		*80.0-120*		*09/23/2020 07:57*	WG1547385
(S) 4-Bromofluorobenzene	*91.2*		*77.0-126*		*09/23/2020 07:57*	WG1547385
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*09/23/2020 07:57*	WG1547385

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	4510		50.0	50	09/23/2020 09:24	WG1547385
Toluene	380		50.0	50	09/23/2020 09:24	WG1547385
Ethylbenzene	349		50.0	50	09/23/2020 09:24	WG1547385
Total Xylenes	1710		150	50	09/23/2020 09:24	WG1547385
Methyl tert-butyl ether	ND		50.0	50	09/23/2020 09:24	WG1547385
Naphthalene	ND		250	50	09/23/2020 09:24	WG1547385
1,2-Dichloroethane	ND		50.0	50	09/23/2020 09:24	WG1547385
(S) Toluene-d8	*101*		*80.0-120*		*09/23/2020 09:24*	WG1547385
(S) 4-Bromofluorobenzene	*93.7*		*77.0-126*		*09/23/2020 09:24*	WG1547385
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*09/23/2020 09:24*	WG1547385

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	4390		100	100	09/23/2020 09:45	WG1547385
Toluene	373		100	100	09/23/2020 09:45	WG1547385
Ethylbenzene	352		100	100	09/23/2020 09:45	WG1547385
Total Xylenes	1830		3.00	1	09/19/2020 16:52	WG1545901
Methyl tert-butyl ether	ND		1.00	1	09/19/2020 16:52	WG1545901
Naphthalene	ND		5.00	1	09/19/2020 16:52	WG1545901
1,2-Dichloroethane	ND		1.00	1	09/19/2020 16:52	WG1545901
(S) Toluene-d8	*97.3*		*80.0-120*		*09/19/2020 16:52*	WG1545901
(S) Toluene-d8	*101*		*80.0-120*		*09/23/2020 09:45*	WG1547385
(S) 4-Bromofluorobenzene	*95.4*		*77.0-126*		*09/19/2020 16:52*	WG1545901
(S) 4-Bromofluorobenzene	*91.0*		*77.0-126*		*09/23/2020 09:45*	WG1547385
(S) 1,2-Dichloroethane-d4	*129*		*70.0-130*		*09/19/2020 16:52*	WG1545901
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*09/23/2020 09:45*	WG1547385

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	6380		200	200	09/23/2020 10:07	WG1547385
Toluene	10100		200	200	09/23/2020 10:07	WG1547385
Ethylbenzene	637		20.0	20	09/19/2020 18:28	WG1545901
Total Xylenes	4120		60.0	20	09/19/2020 18:28	WG1545901
Methyl tert-butyl ether	186		20.0	20	09/19/2020 18:28	WG1545901
Naphthalene	ND		100	20	09/19/2020 18:28	WG1545901
1,2-Dichloroethane	ND		20.0	20	09/19/2020 18:28	WG1545901
(S) Toluene-d8	*97.3*		*80.0-120*		*09/19/2020 18:28*	WG1545901
(S) Toluene-d8	*102*		*80.0-120*		*09/23/2020 10:07*	WG1547385
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*09/19/2020 18:28*	WG1545901
(S) 4-Bromofluorobenzene	*90.6*		*77.0-126*		*09/23/2020 10:07*	WG1547385
(S) 1,2-Dichloroethane-d4	*130*		*70.0-130*		*09/19/2020 18:28*	WG1545901
(S) 1,2-Dichloroethane-d4	*112*		*70.0-130*		*09/23/2020 10:07*	WG1547385

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	4.11		1.00	1	09/23/2020 10:28	WG1547385
Toluene	12.1		1.00	1	09/23/2020 10:28	WG1547385
Ethylbenzene	ND		1.00	1	09/19/2020 17:11	WG1545901
Total Xylenes	4.88		3.00	1	09/19/2020 17:11	WG1545901
Methyl tert-butyl ether	80.9		1.00	1	09/19/2020 17:11	WG1545901
Naphthalene	ND		5.00	1	09/19/2020 17:11	WG1545901
1,2-Dichloroethane	ND		1.00	1	09/19/2020 17:11	WG1545901
(S) Toluene-d8	*101*		*80.0-120*		*09/19/2020 17:11*	WG1545901
(S) Toluene-d8	*102*		*80.0-120*		*09/23/2020 10:28*	WG1547385
(S) 4-Bromofluorobenzene	*99.9*		*77.0-126*		*09/19/2020 17:11*	WG1545901
(S) 4-Bromofluorobenzene	*89.9*		*77.0-126*		*09/23/2020 10:28*	WG1547385
(S) 1,2-Dichloroethane-d4	*129*		*70.0-130*		*09/19/2020 17:11*	WG1545901
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*09/23/2020 10:28*	WG1547385

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		10.0	10	09/19/2020 17:30	WG1545901
Toluene	ND		10.0	10	09/19/2020 17:30	WG1545901
Ethylbenzene	ND		10.0	10	09/19/2020 17:30	WG1545901
Total Xylenes	ND		30.0	10	09/19/2020 17:30	WG1545901
Methyl tert-butyl ether	ND		10.0	10	09/19/2020 17:30	WG1545901
Naphthalene	ND		50.0	10	09/19/2020 17:30	WG1545901
1,2-Dichloroethane	ND		10.0	10	09/19/2020 17:30	WG1545901
(S) Toluene-d8	*100*		*80.0-120*		*09/19/2020 17:30*	WG1545901
(S) 4-Bromofluorobenzene	*96.7*		*77.0-126*		*09/19/2020 17:30*	WG1545901
(S) 1,2-Dichloroethane-d4	*129*		*70.0-130*		*09/19/2020 17:30*	WG1545901

Sample Narrative:

L1262629-15 WG1545901: Dilution due to foamy matrix.

Method Blank (MB)

(MB) R3572780-3 09/19/20 08:30

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	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*

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

(LCS) R3572780-1 09/19/20 07:29 • (LCSD) R3572780-2 09/19/20 07:49

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	4.97	4.91	99.4	98.2	70.0-130			1.21	20
1,2-Dichloroethane	5.00	5.03	4.88	101	97.6	70.0-130			3.03	20
Ethylbenzene	5.00	4.73	4.59	94.6	91.8	70.0-130			3.00	20
Methyl tert-butyl ether	5.00	5.22	5.14	104	103	70.0-130			1.54	20
Naphthalene	5.00	3.99	5.06	79.8	101	70.0-130		J3	23.6	20
Toluene	5.00	4.68	4.80	93.6	96.0	70.0-130			2.53	20
Xylenes, Total	15.0	13.9	13.9	92.7	92.7	70.0-130			0.000	20
(S) Toluene-d8				*99.1*	*101*	*80.0-120*				
(S) 4-Bromofluorobenzene				*101*	*97.2*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*93.8*	*96.1*	*70.0-130*				

L1261383-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1261383-02 09/19/20 12:33 • (MS) R3572780-4 09/19/20 17:42 • (MSD) R3572780-5 09/19/20 18:02

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 %
Benzene	5.00	ND	2.63	2.53	41.6	39.6	1	17.0-158			3.88	27
1,2-Dichloroethane	5.00	ND	2.11	2.11	42.2	42.2	1	29.0-151			0.000	27
Ethylbenzene	5.00	ND	1.70	1.68	34.0	33.6	1	30.0-155			1.18	27
Methyl tert-butyl ether	5.00	ND	1.95	2.07	39.0	41.4	1	28.0-150			5.97	29
Naphthalene	5.00	ND	ND	ND	35.4	42.4	1	12.0-156			18.0	35
Toluene	5.00	ND	1.89	1.77	37.8	35.4	1	26.0-154			6.56	28
Xylenes, Total	15.0	ND	4.94	4.85	32.9	32.3	1	29.0-154			1.84	28

L1261383-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1261383-02 09/19/20 12:33 • (MS) R3572780-4 09/19/20 17:42 • (MSD) R3572780-5 09/19/20 18:02

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 %
(S) Toluene-d8					*101*	*99.3*		*80.0-120*				
(S) 4-Bromofluorobenzene					*102*	*96.9*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*96.9*	*95.8*		*70.0-130*				

Method Blank (MB)

(MB) R3573205-2 09/19/20 10:57

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	*97.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*93.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*125*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3573205-1 09/19/20 10:18

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.73	94.6	70.0-130	
1,2-Dichloroethane	5.00	5.82	116	70.0-130	
Ethylbenzene	5.00	4.84	96.8	70.0-130	
Methyl tert-butyl ether	5.00	4.90	98.0	70.0-130	
Naphthalene	5.00	4.25	85.0	70.0-130	
Toluene	5.00	4.46	89.2	70.0-130	
Xylenes, Total	15.0	14.0	93.3	70.0-130	
(S) Toluene-d8			*96.9*	*80.0-120*	
(S) 4-Bromofluorobenzene			*95.6*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*123*	*70.0-130*	

Method Blank (MB)

(MB) R3573623-3 09/23/20 04:47

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	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*89.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3573623-1 09/23/20 03:42

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.15	103	70.0-130	
1,2-Dichloroethane	5.00	5.29	106	70.0-130	
Ethylbenzene	5.00	5.00	100	70.0-130	
Methyl tert-butyl ether	5.00	4.99	99.8	70.0-130	
Naphthalene	5.00	5.87	117	70.0-130	
Toluene	5.00	5.46	109	70.0-130	
Xylenes, Total	15.0	14.1	94.0	70.0-130	
(S) Toluene-d8			*102*	*80.0-120*	
(S) 4-Bromofluorobenzene			*94.3*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*109*	*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.
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
J3	The associated batch QC was outside the established quality control range for precision.

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	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	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	9980939910
Montana	CERT0086	Wyoming	A2LA

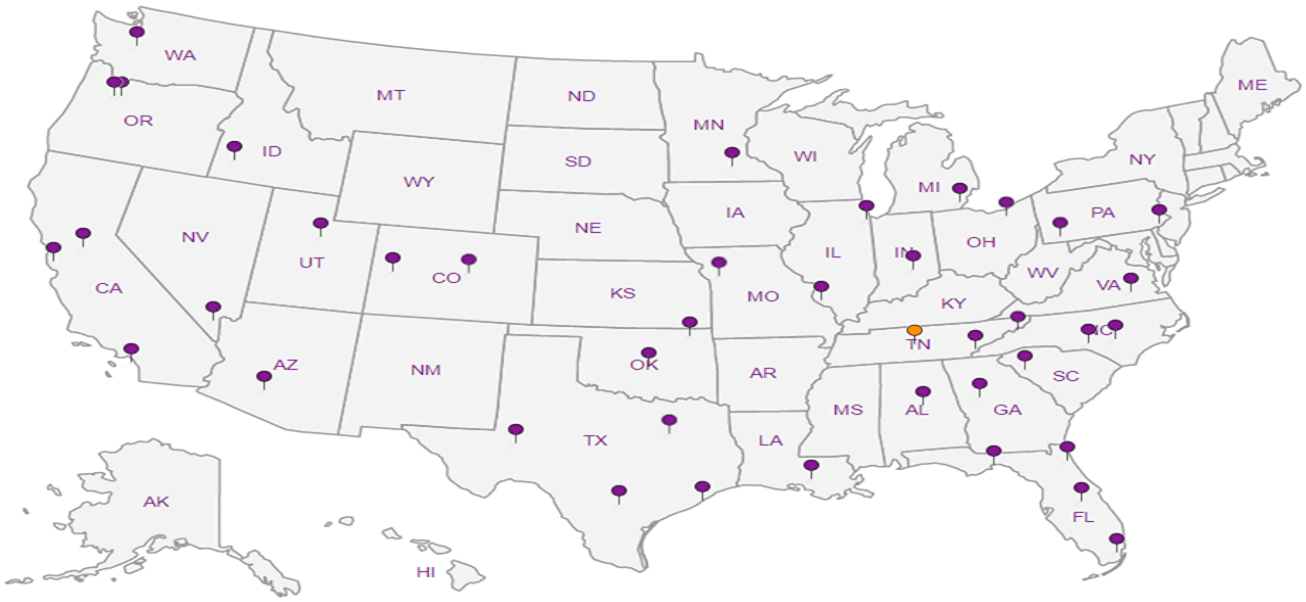
Third Party Federal Accreditations

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.



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 Groundwater

City/State Collected: BELTON, SC

Please Circle: PT MT CT ET

Phone: 404-751-5651

Client Project # KMOMLD20

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): MELISSA WARREN

Site/Facility ID # LEWIS DRIVE

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	TRIP BLANKS								Remarks	Sample # (lab only)
MW-60-091520	GRAB	GW	NA	09/15/20	1345	3	X										-01
MW-56-091520		GW			1355	3	X										-02
MW-57-091520		GW			1405	3	X										-03
MW-41-091520		GW			1410	3	X										-04
MW-39-091520		GW			1415	3	X										-05
MW-37-091520		GW			1435	3	X										-06
MW-38-091520		GW			1430	3	X										-07
MW-38B-091520		GW			1440	3	X										-08
FB01-091520		GW			1525	3	X										-09
TB01-091520		GW			NOTIME	1	X									TRIP BLANK	-10

Chain of Custody Page 1 of 2

Pace Analytical® National Center for Testing & Innovation

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

SDG # L1262629

E052

Acctnum: KINCH2MGA
Template: T146009
Prelogin: P796915
PM: 526 - Chris McCord
PB: 9-9-2020

Shipped Via: FedEX Ground

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 9154 2497 9785

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
	09/15/20	1930		X	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.5-1=1.4 °C Bottles Received: 42	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/16/20 Time: 9:30	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

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: 770-604-9182

Client Project # KMLDOM20

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): M. WARREN

Site/Facility ID # LEWIS DRIVE

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk								Remarks	Sample # (lab only)
MW-13-091520	GRAB	GW		09/15/20	1722	3	X										-11
MW-13-D-091520		GW			1725	3	X										-12
MW-23-091520		GW			1745	3	X										-13
MW-45-091520		GW			1800	3	X										-14
MW-36-091520		GW			1845	3	X										-15
		GW				X	X										
		GW				X		X									
		GW				X		X									
		GW				X		X									
		GW				X		X									

Chain of Custody Page 2 of 2

Pace Analytical® National Center for Testing & Innovation

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

SDG # L1262429

Table #

Acctnum: KINCH2MGA

Template: T148391

Prelogin: P771035

PM: 526 - Chris McCord

PB: 4.30.2020

Shipped Via: FedEX Standard

* 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 #

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)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
	09/15/20	1930			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.5-1.4 °C Bottles Received: 42	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/16/20 Time: 8:30	Hold: Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

September 29, 2020

Revised Report

Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L1263134
Samples Received:	09/17/2020
Project Number:	KMLDOM20
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.

TABLE OF CONTENTS

MW-40-091620 L1263134-01 GW

Collected by: Melissa Warren | Collected date/time: 09/16/20 14:40 | Received date/time: 09/17/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1548019	1	09/24/20 22:52	09/24/20 22:52	BMB	Mt. Juliet, TN

MW-12B-091620 L1263134-02 GW

Collected by: Melissa Warren | Collected date/time: 09/16/20 14:55 | Received date/time: 09/17/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1548019	1	09/24/20 23:13	09/24/20 23:13	BMB	Mt. Juliet, TN

MW-17B-091620 L1263134-03 GW

Collected by: Melissa Warren | Collected date/time: 09/16/20 12:50 | Received date/time: 09/17/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1549169	250	09/25/20 17:20	09/25/20 17:20	GLN	Mt. Juliet, TN

FB02-091620 L1263134-04 GW

Collected by: Melissa Warren | Collected date/time: 09/16/20 18:20 | Received date/time: 09/17/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1548019	1	09/24/20 21:50	09/24/20 21:50	BMB	Mt. Juliet, TN

MW-20-091620 L1263134-05 GW

Collected by: Melissa Warren | Collected date/time: 09/16/20 18:10 | Received date/time: 09/17/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1548019	250	09/25/20 08:05	09/25/20 08:05	GLN	Mt. Juliet, TN

MW-11-091620 L1263134-06 GW

Collected by: Melissa Warren | Collected date/time: 09/16/20 17:55 | Received date/time: 09/17/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1549169	250	09/25/20 17:40	09/25/20 17:40	GLN	Mt. Juliet, TN

TB02-091620 L1263134-07 GW

Collected by: Melissa Warren | Collected date/time: 09/16/20 00:00 | Received date/time: 09/17/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1548019	1	09/24/20 22:11	09/24/20 22:11	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

Report Revision History

Level II Report - Version 1: 09/28/20 21:59

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/24/2020 22:52	WG1548019
Toluene	ND		1.00	1	09/24/2020 22:52	WG1548019
Ethylbenzene	ND		1.00	1	09/24/2020 22:52	WG1548019
Total Xylenes	ND		3.00	1	09/24/2020 22:52	WG1548019
Methyl tert-butyl ether	25.0		1.00	1	09/24/2020 22:52	WG1548019
Naphthalene	ND		5.00	1	09/24/2020 22:52	WG1548019
1,2-Dichloroethane	ND		1.00	1	09/24/2020 22:52	WG1548019
(S) Toluene-d8	*101*		*80.0-120*		*09/24/2020 22:52*	WG1548019
(S) 4-Bromofluorobenzene	*98.8*		*77.0-126*		*09/24/2020 22:52*	WG1548019
(S) 1,2-Dichloroethane-d4	*93.5*		*70.0-130*		*09/24/2020 22:52*	WG1548019

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	19.5		1.00	1	09/24/2020 23:13	WG1548019
Toluene	2.81		1.00	1	09/24/2020 23:13	WG1548019
Ethylbenzene	1.38		1.00	1	09/24/2020 23:13	WG1548019
Total Xylenes	4.89		3.00	1	09/24/2020 23:13	WG1548019
Methyl tert-butyl ether	ND		1.00	1	09/24/2020 23:13	WG1548019
Naphthalene	6.53		5.00	1	09/24/2020 23:13	WG1548019
1,2-Dichloroethane	ND		1.00	1	09/24/2020 23:13	WG1548019
(S) Toluene-d8	*98.8*		*80.0-120*		*09/24/2020 23:13*	WG1548019
(S) 4-Bromofluorobenzene	*95.4*		*77.0-126*		*09/24/2020 23:13*	WG1548019
(S) 1,2-Dichloroethane-d4	*95.3*		*70.0-130*		*09/24/2020 23:13*	WG1548019

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	6130		250	250	09/25/2020 17:20	WG1549169
Toluene	15300		250	250	09/25/2020 17:20	WG1549169
Ethylbenzene	1450		250	250	09/25/2020 17:20	WG1549169
Total Xylenes	9710		750	250	09/25/2020 17:20	WG1549169
Methyl tert-butyl ether	ND		250	250	09/25/2020 17:20	WG1549169
Naphthalene	ND		1250	250	09/25/2020 17:20	WG1549169
1,2-Dichloroethane	ND		250	250	09/25/2020 17:20	WG1549169
(S) Toluene-d8	*101*		*80.0-120*		*09/25/2020 17:20*	WG1549169
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*09/25/2020 17:20*	WG1549169
(S) 1,2-Dichloroethane-d4	*95.6*		*70.0-130*		*09/25/2020 17:20*	WG1549169

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/24/2020 21:50	WG1548019
Toluene	6.30		1.00	1	09/24/2020 21:50	WG1548019
Ethylbenzene	ND		1.00	1	09/24/2020 21:50	WG1548019
Total Xylenes	ND		3.00	1	09/24/2020 21:50	WG1548019
Methyl tert-butyl ether	ND		1.00	1	09/24/2020 21:50	WG1548019
Naphthalene	ND		5.00	1	09/24/2020 21:50	WG1548019
1,2-Dichloroethane	ND		1.00	1	09/24/2020 21:50	WG1548019
(S) Toluene-d8	*100*		*80.0-120*		*09/24/2020 21:50*	WG1548019
(S) 4-Bromofluorobenzene	*98.8*		*77.0-126*		*09/24/2020 21:50*	WG1548019
(S) 1,2-Dichloroethane-d4	*95.6*		*70.0-130*		*09/24/2020 21:50*	WG1548019

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	8370		250	250	09/25/2020 08:05	WG1548019
Toluene	23900		250	250	09/25/2020 08:05	WG1548019
Ethylbenzene	1530		250	250	09/25/2020 08:05	WG1548019
Total Xylenes	9940		750	250	09/25/2020 08:05	WG1548019
Methyl tert-butyl ether	ND		250	250	09/25/2020 08:05	WG1548019
Naphthalene	ND		1250	250	09/25/2020 08:05	WG1548019
1,2-Dichloroethane	ND		250	250	09/25/2020 08:05	WG1548019
(S) Toluene-d8	*103*		*80.0-120*		*09/25/2020 08:05*	WG1548019
(S) 4-Bromofluorobenzene	*100*		*77.0-126*		*09/25/2020 08:05*	WG1548019
(S) 1,2-Dichloroethane-d4	*91.1*		*70.0-130*		*09/25/2020 08:05*	WG1548019

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	4470		250	250	09/25/2020 17:40	WG1549169
Toluene	29800		250	250	09/25/2020 17:40	WG1549169
Ethylbenzene	2900		250	250	09/25/2020 17:40	WG1549169
Total Xylenes	16900		750	250	09/25/2020 17:40	WG1549169
Methyl tert-butyl ether	ND		250	250	09/25/2020 17:40	WG1549169
Naphthalene	ND		1250	250	09/25/2020 17:40	WG1549169
1,2-Dichloroethane	ND		250	250	09/25/2020 17:40	WG1549169
(S) Toluene-d8	*103*		*80.0-120*		*09/25/2020 17:40*	WG1549169
(S) 4-Bromofluorobenzene	*96.1*		*77.0-126*		*09/25/2020 17:40*	WG1549169
(S) 1,2-Dichloroethane-d4	*92.9*		*70.0-130*		*09/25/2020 17:40*	WG1549169

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/24/2020 22:11	WG1548019
Toluene	14.7		1.00	1	09/24/2020 22:11	WG1548019
Ethylbenzene	ND		1.00	1	09/24/2020 22:11	WG1548019
Total Xylenes	ND		3.00	1	09/24/2020 22:11	WG1548019
Methyl tert-butyl ether	ND		1.00	1	09/24/2020 22:11	WG1548019
Naphthalene	ND		5.00	1	09/24/2020 22:11	WG1548019
1,2-Dichloroethane	ND		1.00	1	09/24/2020 22:11	WG1548019
(S) Toluene-d8	*99.2*		*80.0-120*		*09/24/2020 22:11*	WG1548019
(S) 4-Bromofluorobenzene	*95.1*		*77.0-126*		*09/24/2020 22:11*	WG1548019
(S) 1,2-Dichloroethane-d4	*88.5*		*70.0-130*		*09/24/2020 22:11*	WG1548019

Method Blank (MB)

(MB) R3574280-2 09/24/20 21:30

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	*97.8*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*93.1*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3574280-1 09/24/20 20:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.44	109	70.0-130	
1,2-Dichloroethane	5.00	4.76	95.2	70.0-130	
Ethylbenzene	5.00	4.99	99.8	70.0-130	
Methyl tert-butyl ether	5.00	5.63	113	70.0-130	
Naphthalene	5.00	4.49	89.8	70.0-130	
Toluene	5.00	5.36	107	70.0-130	
Xylenes, Total	15.0	14.7	98.0	70.0-130	
(S) Toluene-d8			*98.4*	*80.0-120*	
(S) 4-Bromofluorobenzene			*97.0*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*89.6*	*70.0-130*	

Method Blank (MB)

(MB) R3574459-2 09/25/20 09:57

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	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*100*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3574459-1 09/25/20 09:15

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.60	112	70.0-130	
1,2-Dichloroethane	5.00	5.21	104	70.0-130	
Ethylbenzene	5.00	5.03	101	70.0-130	
Methyl tert-butyl ether	5.00	5.82	116	70.0-130	
Naphthalene	5.00	4.40	88.0	70.0-130	
Toluene	5.00	5.42	108	70.0-130	
Xylenes, Total	15.0	15.2	101	70.0-130	
(S) Toluene-d8			*97.9*	*80.0-120*	
(S) 4-Bromofluorobenzene			*94.5*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*93.4*	*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.

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	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	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	9980939910
Montana	CERT0086	Wyoming	A2LA

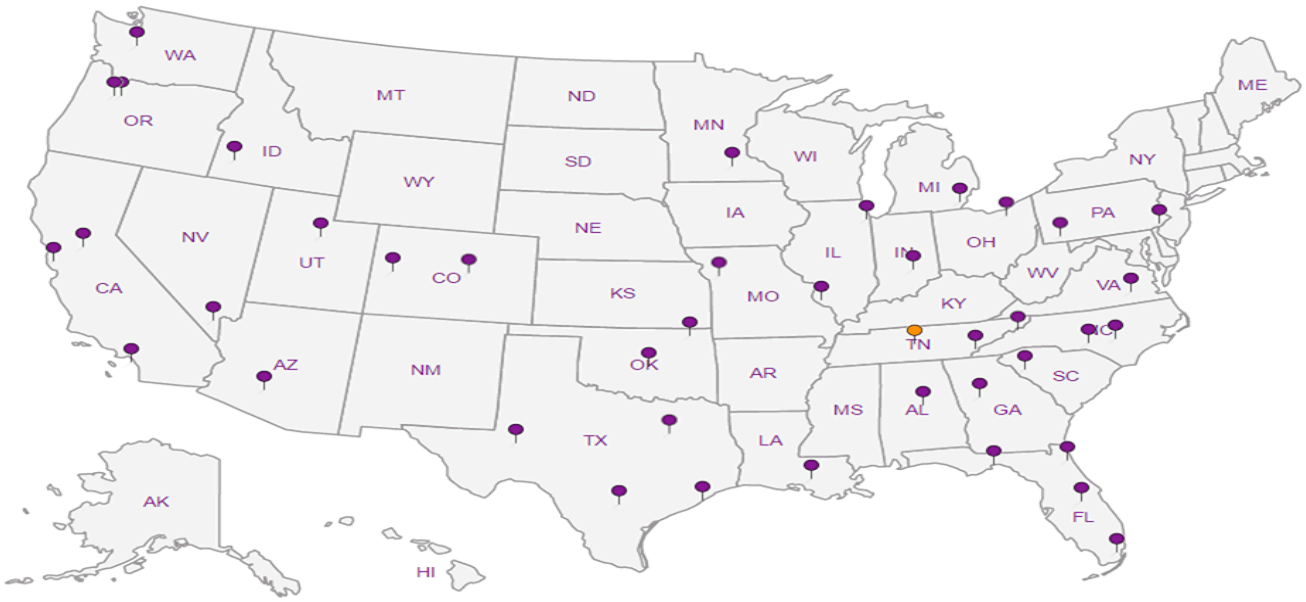
Third Party Federal Accreditations

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.



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 # KMLDOM20

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 X

Analysis / Container / Preservative

Pres Chk

V8260BTEXMNSC 40mlAmb-HCl

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-40-091620	GRAB	GW	NA	09/16/20	1440	3	X		01
MW-12B-091620		GW			1455	3	X		02
MW-17B-091620		GW			1250	3	X		03
FB02-091620		GW			1820	3	X		04
MW-20-091620		GW			1810	3	X	DILUTE SHEEN	05
MW-11-091620		GW			1755	3	X	DILUTE SHEEN	06
TB02-091620		—			—				

Chain of Custody Page 1 of 1

Pace Analytical® National Center for Testing & Innovation

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

SDG # 260134

F180

Table #

Acctnum: KINCH2MGA

Template: T146009

Prelogin: P796915

PM: 526 - Chris McCord

PB: 9-9-20

Shipped Via: FedEX Ground

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: X UPS __ FedEx __ Courier

Tracking # 1663 5759 8051

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

	Date:	Time:		
Relinquished by : (Signature)	09/16/20	1930	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 18
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/17/20 Time: 930

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

September 30, 2020

Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L1264213
Samples Received:	09/19/2020
Project Number:	KMOMLD20
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.

TABLE OF CONTENTS

MW-50B-091820 L1264213-01 GW

Collected by: Melissa Warren | Collected date/time: 09/18/20 15:20 | Received date/time: 09/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1550797	1	09/29/20 00:57	09/29/20 00:57	ACG	Mt. Juliet, TN

MW-07-091820 L1264213-02 GW

Collected by: Melissa Warren | Collected date/time: 09/18/20 17:20 | Received date/time: 09/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1550797	1	09/29/20 01:17	09/29/20 01:17	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1551332	50	09/29/20 23:46	09/29/20 23:46	JHH	Mt. Juliet, TN

MW-13B-091820 L1264213-03 GW

Collected by: Melissa Warren | Collected date/time: 09/18/20 17:30 | Received date/time: 09/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1550797	50	09/29/20 05:42	09/29/20 05:42	ACG	Mt. Juliet, TN

FB03-091820 L1264213-04 GW

Collected by: Melissa Warren | Collected date/time: 09/18/20 17:45 | Received date/time: 09/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1550126	1	09/28/20 09:10	09/28/20 09:10	JCP	Mt. Juliet, TN

MW-15B-091820 L1264213-05 GW

Collected by: Melissa Warren | Collected date/time: 09/18/20 15:50 | Received date/time: 09/19/20 09:00

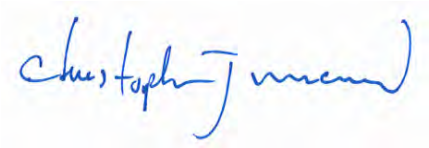
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1550797	200	09/29/20 06:03	09/29/20 06:03	ACG	Mt. Juliet, TN

TB03-091820 L1264213-06 GW

Collected by: Melissa Warren | Collected date/time: 09/18/20 00:00 | Received date/time: 09/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1550126	1	09/28/20 09:31	09/28/20 09:31	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.



Chris McCord
Project Manager

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	43.3		1.00	1	09/29/2020 00:57	WG1550797
Toluene	ND		1.00	1	09/29/2020 00:57	WG1550797
Ethylbenzene	ND		1.00	1	09/29/2020 00:57	WG1550797
Total Xylenes	ND		3.00	1	09/29/2020 00:57	WG1550797
Methyl tert-butyl ether	41.9		1.00	1	09/29/2020 00:57	WG1550797
Naphthalene	ND		5.00	1	09/29/2020 00:57	WG1550797
1,2-Dichloroethane	ND		1.00	1	09/29/2020 00:57	WG1550797
(S) Toluene-d8	*105*		*80.0-120*		*09/29/2020 00:57*	WG1550797
(S) 4-Bromofluorobenzene	*94.3*		*77.0-126*		*09/29/2020 00:57*	WG1550797
(S) 1,2-Dichloroethane-d4	*98.8*		*70.0-130*		*09/29/2020 00:57*	WG1550797

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	503		50.0	50	09/29/2020 23:46	WG1551332
Toluene	1170		50.0	50	09/29/2020 23:46	WG1551332
Ethylbenzene	466		50.0	50	09/29/2020 23:46	WG1551332
Total Xylenes	3520		150	50	09/29/2020 23:46	WG1551332
Methyl tert-butyl ether	ND		1.00	1	09/29/2020 01:17	WG1550797
Naphthalene	58.5		5.00	1	09/29/2020 01:17	WG1550797
1,2-Dichloroethane	ND		1.00	1	09/29/2020 01:17	WG1550797
(S) Toluene-d8	*87.2*		*80.0-120*		*09/29/2020 01:17*	WG1550797
(S) Toluene-d8	*101*		*80.0-120*		*09/29/2020 23:46*	WG1551332
(S) 4-Bromofluorobenzene	*99.6*		*77.0-126*		*09/29/2020 01:17*	WG1550797
(S) 4-Bromofluorobenzene	*100*		*77.0-126*		*09/29/2020 23:46*	WG1551332
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*09/29/2020 01:17*	WG1550797
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*09/29/2020 23:46*	WG1551332

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	3270		50.0	50	09/29/2020 05:42	WG1550797
Toluene	69.7		50.0	50	09/29/2020 05:42	WG1550797
Ethylbenzene	52.1		50.0	50	09/29/2020 05:42	WG1550797
Total Xylenes	ND		150	50	09/29/2020 05:42	WG1550797
Methyl tert-butyl ether	199		50.0	50	09/29/2020 05:42	WG1550797
Naphthalene	ND		250	50	09/29/2020 05:42	WG1550797
1,2-Dichloroethane	ND		50.0	50	09/29/2020 05:42	WG1550797
(S) Toluene-d8	*103*		*80.0-120*		*09/29/2020 05:42*	WG1550797
(S) 4-Bromofluorobenzene	*94.3*		*77.0-126*		*09/29/2020 05:42*	WG1550797
(S) 1,2-Dichloroethane-d4	*96.6*		*70.0-130*		*09/29/2020 05:42*	WG1550797

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/28/2020 09:10	WG1550126
Toluene	ND		1.00	1	09/28/2020 09:10	WG1550126
Ethylbenzene	ND		1.00	1	09/28/2020 09:10	WG1550126
Total Xylenes	ND		3.00	1	09/28/2020 09:10	WG1550126
Methyl tert-butyl ether	ND		1.00	1	09/28/2020 09:10	WG1550126
Naphthalene	ND		5.00	1	09/28/2020 09:10	WG1550126
1,2-Dichloroethane	ND		1.00	1	09/28/2020 09:10	WG1550126
(S) Toluene-d8	*107*		*80.0-120*		*09/28/2020 09:10*	WG1550126
(S) 4-Bromofluorobenzene	*98.9*		*77.0-126*		*09/28/2020 09:10*	WG1550126
(S) 1,2-Dichloroethane-d4	*96.0*		*70.0-130*		*09/28/2020 09:10*	WG1550126

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	6310		200	200	09/29/2020 06:03	WG1550797
Toluene	1670		200	200	09/29/2020 06:03	WG1550797
Ethylbenzene	327		200	200	09/29/2020 06:03	WG1550797
Total Xylenes	2560		600	200	09/29/2020 06:03	WG1550797
Methyl tert-butyl ether	ND		200	200	09/29/2020 06:03	WG1550797
Naphthalene	ND		1000	200	09/29/2020 06:03	WG1550797
1,2-Dichloroethane	ND		200	200	09/29/2020 06:03	WG1550797
(S) Toluene-d8	*102*		*80.0-120*		*09/29/2020 06:03*	WG1550797
(S) 4-Bromofluorobenzene	*95.3*		*77.0-126*		*09/29/2020 06:03*	WG1550797
(S) 1,2-Dichloroethane-d4	*96.6*		*70.0-130*		*09/29/2020 06:03*	WG1550797

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/28/2020 09:31	WG1550126
Toluene	ND		1.00	1	09/28/2020 09:31	WG1550126
Ethylbenzene	ND		1.00	1	09/28/2020 09:31	WG1550126
Total Xylenes	ND		3.00	1	09/28/2020 09:31	WG1550126
Methyl tert-butyl ether	ND		1.00	1	09/28/2020 09:31	WG1550126
Naphthalene	ND		5.00	1	09/28/2020 09:31	WG1550126
1,2-Dichloroethane	ND		1.00	1	09/28/2020 09:31	WG1550126
(S) Toluene-d8	*113*		*80.0-120*		*09/28/2020 09:31*	WG1550126
(S) 4-Bromofluorobenzene	*105*		*77.0-126*		*09/28/2020 09:31*	WG1550126
(S) 1,2-Dichloroethane-d4	*89.6*		*70.0-130*		*09/28/2020 09:31*	WG1550126

Method Blank (MB)

(MB) R3575819-3 09/28/20 08:28

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	*115*			*80.0-120*
(S) 4-Bromofluorobenzene	*102*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*93.3*			*70.0-130*

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

(LCS) R3575819-1 09/28/20 07:26 • (LCSD) R3575819-2 09/28/20 07:47

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	5.15	5.24	103	105	70.0-130			1.73	20
1,2-Dichloroethane	5.00	4.70	4.78	94.0	95.6	70.0-130			1.69	20
Ethylbenzene	5.00	4.85	4.74	97.0	94.8	70.0-130			2.29	20
Methyl tert-butyl ether	5.00	4.76	4.80	95.2	96.0	70.0-130			0.837	20
Naphthalene	5.00	4.73	4.52	94.6	90.4	70.0-130			4.54	20
Toluene	5.00	4.75	4.69	95.0	93.8	70.0-130			1.27	20
Xylenes, Total	15.0	13.8	13.8	92.0	92.0	70.0-130			0.000	20
(S) Toluene-d8				*93.0*	*94.8*	*80.0-120*				
(S) 4-Bromofluorobenzene				*87.5*	*89.7*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*98.5*	*94.0*	*70.0-130*				

Method Blank (MB)

(MB) R3575817-2 09/28/20 21:21

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	*99.7*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3575817-1 09/28/20 20:41

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.36	107	70.0-130	
1,2-Dichloroethane	5.00	5.21	104	70.0-130	
Ethylbenzene	5.00	4.47	89.4	70.0-130	
Methyl tert-butyl ether	5.00	5.01	100	70.0-130	
Naphthalene	5.00	4.09	81.8	70.0-130	
Toluene	5.00	4.77	95.4	70.0-130	
Xylenes, Total	15.0	13.3	88.7	70.0-130	
(S) Toluene-d8			*99.2*	*80.0-120*	
(S) 4-Bromofluorobenzene			*93.1*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*101*	*70.0-130*	

Method Blank (MB)

(MB) R3576177-3 09/29/20 19:09

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

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

(LCS) R3576177-1 09/29/20 18:10 • (LCSD) R3576177-2 09/29/20 18:30

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	5.04	5.24	101	105	70.0-130			3.89	20
Ethylbenzene	5.00	5.20	5.36	104	107	70.0-130			3.03	20
Toluene	5.00	4.98	5.18	99.6	104	70.0-130			3.94	20
Xylenes, Total	15.0	15.8	16.1	105	107	70.0-130			1.88	20
(S) Toluene-d8				*101*	*101*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.8*	*102*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*101*	*99.6*	*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.

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	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	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	9980939910
Montana	CERT0086	Wyoming	A2LA

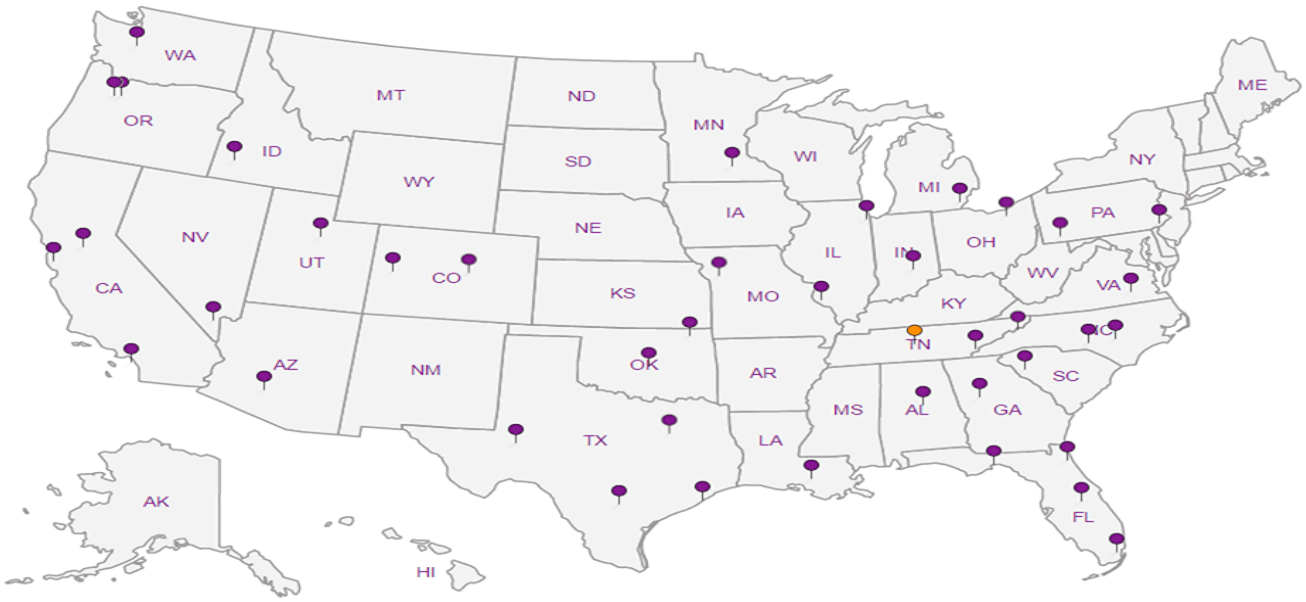
Third Party Federal Accreditations

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.



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 Groundwater

City/State Collected: BELTON, SC

Please Circle: PT MT CT ET

Phone: 404-751-5651

Client Project # KMLDOM20

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): MELISSA WARNER

Site/Facility ID #

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y X

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

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	TRIP BLANK									Remarks	Sample # (lab only)
MW-50B-091820	GRAB	GW	NA	09/18/20	1520	3	X											-01
MW-07-091820		GW			1720	3	X											-02
MW-13B-091820		GW			1730	3	X											-03
FB03-091820		GW			1745	3	X											-04
MW-15B-091820		GW			1550	3	X											-05
TB03-091820		GW			—	~~3~~ 5	~~X~~ X	X										-06
		GW				3	X											
		GW				3	X											
		GW				3	X											
		GW				3	X											

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical® National Center for Testing & Innovation

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

SDG # L1264213

Table # E142

Acctnum: KINCH2MGA
Template: T146009
Prelogin: P796915
PM: 526 - Chris McCord
PB: 9-9-2020

Shipped Via: FedEX Ground

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

Remarks:

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 Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	09/18/20	1930		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 5.2+.3=.5 °C Bottles Received: 15
				If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9-19-20 Time: 10:15
				Hold: Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

November 23, 2020

Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L1285166
Samples Received:	11/12/2020
Project Number:	
Description:	Lewis Drive Groundwater

Report To:

Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:

Jason Romer
Project Manager

TABLE OF CONTENTS

MW-23-111120 L1285166-01 GW

Collected by: Alex F | Collected date/time: 11/11/20 11:20 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	20	11/19/20 03:48	11/19/20 03:48	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1579901	100	11/20/20 21:44	11/20/20 21:44	ADM	Mt. Juliet, TN

MW-23-D-111120 L1285166-02 GW

Collected by: Alex F | Collected date/time: 11/11/20 11:25 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	200	11/19/20 04:07	11/19/20 04:07	JHH	Mt. Juliet, TN

MW-29-111120 L1285166-03 GW

Collected by: Alex F | Collected date/time: 11/11/20 14:40 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1577410	1	11/16/20 21:22	11/16/20 21:22	JCP	Mt. Juliet, TN

MW-19-111120 L1285166-04 GW

Collected by: Alex F | Collected date/time: 11/11/20 14:50 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1577410	1	11/16/20 21:44	11/16/20 21:44	JCP	Mt. Juliet, TN

MW-20-111120 L1285166-05 GW

Collected by: Alex F | Collected date/time: 11/11/20 15:05 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	250	11/19/20 04:27	11/19/20 04:27	JHH	Mt. Juliet, TN

MW-26B-111120 L1285166-06 GW

Collected by: Alex F | Collected date/time: 11/11/20 15:15 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1577410	1	11/16/20 22:05	11/16/20 22:05	JCP	Mt. Juliet, TN

MW-26-111120 L1285166-07 GW

Collected by: Alex F | Collected date/time: 11/11/20 15:20 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1577410	1	11/16/20 22:27	11/16/20 22:27	JCP	Mt. Juliet, TN

MW-23B-111120 L1285166-08 GW

Collected by: Alex F | Collected date/time: 11/11/20 15:30 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1577410	1	11/16/20 22:49	11/16/20 22:49	JCP	Mt. Juliet, TN

MW-46-111120 L1285166-09 GW

Collected by: Alex F | Collected date/time: 11/11/20 15:35 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1577410	1	11/16/20 23:10	11/16/20 23:10	JCP	Mt. Juliet, TN

MW-11-111120 L1285166-10 GW

Collected by: Alex F | Collected date/time: 11/11/20 15:20 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	250	11/19/20 04:46	11/19/20 04:46	JHH	Mt. Juliet, TN

MW-60-111120 L1285166-11 GW

Collected by: Alex F | Collected date/time: 11/11/20 15:45 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1579901	1	11/20/20 21:04	11/20/20 21:04	ADM	Mt. Juliet, TN

MW-56-111120 L1285166-12 GW

Collected by: Alex F | Collected date/time: 11/11/20 15:55 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1577410	1	11/16/20 23:32	11/16/20 23:32	JCP	Mt. Juliet, TN

MW-57-111120 L1285166-13 GW

Collected by: Alex F | Collected date/time: 11/11/20 16:00 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	1	11/18/20 23:21	11/18/20 23:21	JHH	Mt. Juliet, TN

MW-45-111120 L1285166-14 GW

Collected by: Alex F | Collected date/time: 11/11/20 16:10 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	1	11/18/20 23:02	11/18/20 23:02	JHH	Mt. Juliet, TN

MW-45B-111120 L1285166-15 GW

Collected by: Alex F | Collected date/time: 11/11/20 16:15 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	1	11/18/20 23:41	11/18/20 23:41	JHH	Mt. Juliet, TN

MW-21-111120 L1285166-16 GW

Collected by: Alex F | Collected date/time: 11/11/20 16:20 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	1	11/19/20 00:00	11/19/20 00:00	JHH	Mt. Juliet, TN

MW-17B-111120 L1285166-17 GW

Collected by: Alex F
Collected date/time: 11/11/20 16:25
Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1579901	100	11/20/20 22:04	11/20/20 22:04	ADM	Mt. Juliet, TN

FB01-111120 L1285166-18 GW

Collected by: Alex F
Collected date/time: 11/11/20 17:00
Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1577410	1	11/16/20 21:00	11/16/20 21:00	JCP	Mt. Juliet, TN

TB01-111120 L1285166-19 GW

Collected by: Alex F
Collected date/time: 11/11/20 17:05
Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1577410	1	11/16/20 20:39	11/16/20 20:39	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.

Jason Romer
Project Manager

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	3290		100	100	11/20/2020 21:44	WG1579901
Toluene	3430		100	100	11/20/2020 21:44	WG1579901
Ethylbenzene	353		20.0	20	11/19/2020 03:48	WG1578780
Total Xylenes	2470		60.0	20	11/19/2020 03:48	WG1578780
Methyl tert-butyl ether	85.1		20.0	20	11/19/2020 03:48	WG1578780
Naphthalene	ND		100	20	11/19/2020 03:48	WG1578780
1,2-Dichloroethane	ND		20.0	20	11/19/2020 03:48	WG1578780
(S) Toluene-d8	*106*		*80.0-120*		*11/19/2020 03:48*	WG1578780
(S) Toluene-d8	*108*		*80.0-120*		*11/20/2020 21:44*	WG1579901
(S) 4-Bromofluorobenzene	*106*		*77.0-126*		*11/19/2020 03:48*	WG1578780
(S) 4-Bromofluorobenzene	*99.0*		*77.0-126*		*11/20/2020 21:44*	WG1579901
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*11/19/2020 03:48*	WG1578780
(S) 1,2-Dichloroethane-d4	*95.5*		*70.0-130*		*11/20/2020 21:44*	WG1579901

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	4000		200	200	11/19/2020 04:07	WG1578780
Toluene	3820		200	200	11/19/2020 04:07	WG1578780
Ethylbenzene	432		200	200	11/19/2020 04:07	WG1578780
Total Xylenes	3110		600	200	11/19/2020 04:07	WG1578780
Methyl tert-butyl ether	ND		200	200	11/19/2020 04:07	WG1578780
Naphthalene	ND		1000	200	11/19/2020 04:07	WG1578780
1,2-Dichloroethane	ND		200	200	11/19/2020 04:07	WG1578780
(S) Toluene-d8	*108*		*80.0-120*		*11/19/2020 04:07*	WG1578780
(S) 4-Bromofluorobenzene	*106*		*77.0-126*		*11/19/2020 04:07*	WG1578780
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*11/19/2020 04:07*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/16/2020 21:22	WG1577410
Toluene	ND		1.00	1	11/16/2020 21:22	WG1577410
Ethylbenzene	ND		1.00	1	11/16/2020 21:22	WG1577410
Total Xylenes	ND		3.00	1	11/16/2020 21:22	WG1577410
Methyl tert-butyl ether	ND		1.00	1	11/16/2020 21:22	WG1577410
Naphthalene	ND		5.00	1	11/16/2020 21:22	WG1577410
1,2-Dichloroethane	ND		1.00	1	11/16/2020 21:22	WG1577410
(S) Toluene-d8	*102*		*80.0-120*		*11/16/2020 21:22*	WG1577410
(S) 4-Bromofluorobenzene	*92.9*		*77.0-126*		*11/16/2020 21:22*	WG1577410
(S) 1,2-Dichloroethane-d4	*115*		*70.0-130*		*11/16/2020 21:22*	WG1577410

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	3.98		1.00	1	11/16/2020 21:44	WG1577410
Toluene	74.4		1.00	1	11/16/2020 21:44	WG1577410
Ethylbenzene	7.87		1.00	1	11/16/2020 21:44	WG1577410
Total Xylenes	252		3.00	1	11/16/2020 21:44	WG1577410
Methyl tert-butyl ether	ND		1.00	1	11/16/2020 21:44	WG1577410
Naphthalene	32.2		5.00	1	11/16/2020 21:44	WG1577410
1,2-Dichloroethane	ND		1.00	1	11/16/2020 21:44	WG1577410
(S) Toluene-d8	*98.6*		*80.0-120*		*11/16/2020 21:44*	WG1577410
(S) 4-Bromofluorobenzene	*99.0*		*77.0-126*		*11/16/2020 21:44*	WG1577410
(S) 1,2-Dichloroethane-d4	*116*		*70.0-130*		*11/16/2020 21:44*	WG1577410

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	4610		250	250	11/19/2020 04:27	WG1578780
Toluene	12900		250	250	11/19/2020 04:27	WG1578780
Ethylbenzene	1230		250	250	11/19/2020 04:27	WG1578780
Total Xylenes	9030		750	250	11/19/2020 04:27	WG1578780
Methyl tert-butyl ether	ND		250	250	11/19/2020 04:27	WG1578780
Naphthalene	ND		1250	250	11/19/2020 04:27	WG1578780
1,2-Dichloroethane	ND		250	250	11/19/2020 04:27	WG1578780
(S) Toluene-d8	*109*		*80.0-120*		*11/19/2020 04:27*	WG1578780
(S) 4-Bromofluorobenzene	*107*		*77.0-126*		*11/19/2020 04:27*	WG1578780
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*11/19/2020 04:27*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/16/2020 22:05	WG1577410
Toluene	ND		1.00	1	11/16/2020 22:05	WG1577410
Ethylbenzene	ND		1.00	1	11/16/2020 22:05	WG1577410
Total Xylenes	ND		3.00	1	11/16/2020 22:05	WG1577410
Methyl tert-butyl ether	ND		1.00	1	11/16/2020 22:05	WG1577410
Naphthalene	ND		5.00	1	11/16/2020 22:05	WG1577410
1,2-Dichloroethane	ND		1.00	1	11/16/2020 22:05	WG1577410
(S) Toluene-d8	*103*		*80.0-120*		*11/16/2020 22:05*	WG1577410
(S) 4-Bromofluorobenzene	*93.1*		*77.0-126*		*11/16/2020 22:05*	WG1577410
(S) 1,2-Dichloroethane-d4	*117*		*70.0-130*		*11/16/2020 22:05*	WG1577410

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/16/2020 22:27	WG1577410
Toluene	ND		1.00	1	11/16/2020 22:27	WG1577410
Ethylbenzene	ND		1.00	1	11/16/2020 22:27	WG1577410
Total Xylenes	ND		3.00	1	11/16/2020 22:27	WG1577410
Methyl tert-butyl ether	ND		1.00	1	11/16/2020 22:27	WG1577410
Naphthalene	ND		5.00	1	11/16/2020 22:27	WG1577410
1,2-Dichloroethane	ND		1.00	1	11/16/2020 22:27	WG1577410
(S) Toluene-d8	*102*		*80.0-120*		*11/16/2020 22:27*	WG1577410
(S) 4-Bromofluorobenzene	*94.1*		*77.0-126*		*11/16/2020 22:27*	WG1577410
(S) 1,2-Dichloroethane-d4	*115*		*70.0-130*		*11/16/2020 22:27*	WG1577410

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/16/2020 22:49	WG1577410
Toluene	ND		1.00	1	11/16/2020 22:49	WG1577410
Ethylbenzene	ND		1.00	1	11/16/2020 22:49	WG1577410
Total Xylenes	ND		3.00	1	11/16/2020 22:49	WG1577410
Methyl tert-butyl ether	ND		1.00	1	11/16/2020 22:49	WG1577410
Naphthalene	ND		5.00	1	11/16/2020 22:49	WG1577410
1,2-Dichloroethane	ND		1.00	1	11/16/2020 22:49	WG1577410
(S) Toluene-d8	*102*		*80.0-120*		*11/16/2020 22:49*	WG1577410
(S) 4-Bromofluorobenzene	*94.1*		*77.0-126*		*11/16/2020 22:49*	WG1577410
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*11/16/2020 22:49*	WG1577410

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/16/2020 23:10	WG1577410
Toluene	ND		1.00	1	11/16/2020 23:10	WG1577410
Ethylbenzene	ND		1.00	1	11/16/2020 23:10	WG1577410
Total Xylenes	ND		3.00	1	11/16/2020 23:10	WG1577410
Methyl tert-butyl ether	62.2		1.00	1	11/16/2020 23:10	WG1577410
Naphthalene	ND		5.00	1	11/16/2020 23:10	WG1577410
1,2-Dichloroethane	ND		1.00	1	11/16/2020 23:10	WG1577410
(S) Toluene-d8	*105*		*80.0-120*		*11/16/2020 23:10*	WG1577410
(S) 4-Bromofluorobenzene	*92.7*		*77.0-126*		*11/16/2020 23:10*	WG1577410
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*11/16/2020 23:10*	WG1577410

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	2990		250	250	11/19/2020 04:46	WG1578780
Toluene	16300		250	250	11/19/2020 04:46	WG1578780
Ethylbenzene	1720		250	250	11/19/2020 04:46	WG1578780
Total Xylenes	9660		750	250	11/19/2020 04:46	WG1578780
Methyl tert-butyl ether	ND		250	250	11/19/2020 04:46	WG1578780
Naphthalene	ND		1250	250	11/19/2020 04:46	WG1578780
1,2-Dichloroethane	ND		250	250	11/19/2020 04:46	WG1578780
(S) Toluene-d8	*104*		*80.0-120*		*11/19/2020 04:46*	WG1578780
(S) 4-Bromofluorobenzene	*103*		*77.0-126*		*11/19/2020 04:46*	WG1578780
(S) 1,2-Dichloroethane-d4	*111*		*70.0-130*		*11/19/2020 04:46*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	1.38		1.00	1	11/20/2020 21:04	WG1579901
Toluene	ND		1.00	1	11/20/2020 21:04	WG1579901
Ethylbenzene	ND		1.00	1	11/20/2020 21:04	WG1579901
Total Xylenes	ND		3.00	1	11/20/2020 21:04	WG1579901
Methyl tert-butyl ether	5.57		1.00	1	11/20/2020 21:04	WG1579901
Naphthalene	ND		5.00	1	11/20/2020 21:04	WG1579901
1,2-Dichloroethane	ND		1.00	1	11/20/2020 21:04	WG1579901
(S) Toluene-d8	*109*		*80.0-120*		*11/20/2020 21:04*	WG1579901
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*11/20/2020 21:04*	WG1579901
(S) 1,2-Dichloroethane-d4	*97.0*		*70.0-130*		*11/20/2020 21:04*	WG1579901

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/16/2020 23:32	WG1577410
Toluene	ND		1.00	1	11/16/2020 23:32	WG1577410
Ethylbenzene	ND		1.00	1	11/16/2020 23:32	WG1577410
Total Xylenes	ND		3.00	1	11/16/2020 23:32	WG1577410
Methyl tert-butyl ether	31.4		1.00	1	11/16/2020 23:32	WG1577410
Naphthalene	ND		5.00	1	11/16/2020 23:32	WG1577410
1,2-Dichloroethane	ND		1.00	1	11/16/2020 23:32	WG1577410
(S) Toluene-d8	*97.7*		*80.0-120*		*11/16/2020 23:32*	WG1577410
(S) 4-Bromofluorobenzene	*96.5*		*77.0-126*		*11/16/2020 23:32*	WG1577410
(S) 1,2-Dichloroethane-d4	*117*		*70.0-130*		*11/16/2020 23:32*	WG1577410

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/18/2020 23:21	WG1578780
Toluene	ND		1.00	1	11/18/2020 23:21	WG1578780
Ethylbenzene	ND		1.00	1	11/18/2020 23:21	WG1578780
Total Xylenes	ND		3.00	1	11/18/2020 23:21	WG1578780
Methyl tert-butyl ether	ND		1.00	1	11/18/2020 23:21	WG1578780
Naphthalene	ND		5.00	1	11/18/2020 23:21	WG1578780
1,2-Dichloroethane	ND		1.00	1	11/18/2020 23:21	WG1578780
(S) Toluene-d8	*106*		*80.0-120*		*11/18/2020 23:21*	WG1578780
(S) 4-Bromofluorobenzene	*104*		*77.0-126*		*11/18/2020 23:21*	WG1578780
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*11/18/2020 23:21*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/18/2020 23:02	WG1578780
Toluene	ND		1.00	1	11/18/2020 23:02	WG1578780
Ethylbenzene	ND		1.00	1	11/18/2020 23:02	WG1578780
Total Xylenes	ND		3.00	1	11/18/2020 23:02	WG1578780
Methyl tert-butyl ether	62.7		1.00	1	11/18/2020 23:02	WG1578780
Naphthalene	ND		5.00	1	11/18/2020 23:02	WG1578780
1,2-Dichloroethane	ND		1.00	1	11/18/2020 23:02	WG1578780
(S) Toluene-d8	*108*		*80.0-120*		*11/18/2020 23:02*	WG1578780
(S) 4-Bromofluorobenzene	*104*		*77.0-126*		*11/18/2020 23:02*	WG1578780
(S) 1,2-Dichloroethane-d4	*111*		*70.0-130*		*11/18/2020 23:02*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/18/2020 23:41	WG1578780
Toluene	ND		1.00	1	11/18/2020 23:41	WG1578780
Ethylbenzene	ND		1.00	1	11/18/2020 23:41	WG1578780
Total Xylenes	ND		3.00	1	11/18/2020 23:41	WG1578780
Methyl tert-butyl ether	ND		1.00	1	11/18/2020 23:41	WG1578780
Naphthalene	ND		5.00	1	11/18/2020 23:41	WG1578780
1,2-Dichloroethane	ND		1.00	1	11/18/2020 23:41	WG1578780
(S) Toluene-d8	*112*		*80.0-120*		*11/18/2020 23:41*	WG1578780
(S) 4-Bromofluorobenzene	*98.1*		*77.0-126*		*11/18/2020 23:41*	WG1578780
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*11/18/2020 23:41*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 00:00	WG1578780
Toluene	ND		1.00	1	11/19/2020 00:00	WG1578780
Ethylbenzene	ND		1.00	1	11/19/2020 00:00	WG1578780
Total Xylenes	ND		3.00	1	11/19/2020 00:00	WG1578780
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 00:00	WG1578780
Naphthalene	ND		5.00	1	11/19/2020 00:00	WG1578780
1,2-Dichloroethane	ND		1.00	1	11/19/2020 00:00	WG1578780
(S) Toluene-d8	*112*		*80.0-120*		*11/19/2020 00:00*	WG1578780
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*11/19/2020 00:00*	WG1578780
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*11/19/2020 00:00*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	4020		100	100	11/20/2020 22:04	WG1579901
Toluene	2590		100	100	11/20/2020 22:04	WG1579901
Ethylbenzene	538		100	100	11/20/2020 22:04	WG1579901
Total Xylenes	3960		300	100	11/20/2020 22:04	WG1579901
Methyl tert-butyl ether	326		100	100	11/20/2020 22:04	WG1579901
Naphthalene	ND		500	100	11/20/2020 22:04	WG1579901
1,2-Dichloroethane	ND		100	100	11/20/2020 22:04	WG1579901
(S) Toluene-d8	*107*		*80.0-120*		*11/20/2020 22:04*	WG1579901
(S) 4-Bromofluorobenzene	*98.7*		*77.0-126*		*11/20/2020 22:04*	WG1579901
(S) 1,2-Dichloroethane-d4	*96.7*		*70.0-130*		*11/20/2020 22:04*	WG1579901

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/16/2020 21:00	WG1577410
Toluene	ND		1.00	1	11/16/2020 21:00	WG1577410
Ethylbenzene	ND		1.00	1	11/16/2020 21:00	WG1577410
Total Xylenes	ND		3.00	1	11/16/2020 21:00	WG1577410
Methyl tert-butyl ether	ND		1.00	1	11/16/2020 21:00	WG1577410
Naphthalene	ND		5.00	1	11/16/2020 21:00	WG1577410
1,2-Dichloroethane	ND		1.00	1	11/16/2020 21:00	WG1577410
(S) Toluene-d8	*102*		*80.0-120*		*11/16/2020 21:00*	WG1577410
(S) 4-Bromofluorobenzene	*92.7*		*77.0-126*		*11/16/2020 21:00*	WG1577410
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*11/16/2020 21:00*	WG1577410

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/16/2020 20:39	WG1577410
Toluene	ND		1.00	1	11/16/2020 20:39	WG1577410
Ethylbenzene	ND		1.00	1	11/16/2020 20:39	WG1577410
Total Xylenes	ND		3.00	1	11/16/2020 20:39	WG1577410
Methyl tert-butyl ether	ND		1.00	1	11/16/2020 20:39	WG1577410
Naphthalene	ND		5.00	1	11/16/2020 20:39	WG1577410
1,2-Dichloroethane	ND		1.00	1	11/16/2020 20:39	WG1577410
(S) Toluene-d8	*102*		*80.0-120*		*11/16/2020 20:39*	WG1577410
(S) 4-Bromofluorobenzene	*92.6*		*77.0-126*		*11/16/2020 20:39*	WG1577410
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*11/16/2020 20:39*	WG1577410

Method Blank (MB)

(MB) R3594673-2 11/16/20 19:14

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	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*93.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3594673-1 11/16/20 18:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.81	116	70.0-130	
1,2-Dichloroethane	5.00	6.11	122	70.0-130	
Ethylbenzene	5.00	5.40	108	70.0-130	
Methyl tert-butyl ether	5.00	4.43	88.6	70.0-130	
Naphthalene	5.00	5.61	112	70.0-130	
Toluene	5.00	5.86	117	70.0-130	
Xylenes, Total	15.0	15.7	105	70.0-130	
(S) Toluene-d8			*99.6*	*80.0-120*	
(S) 4-Bromofluorobenzene			*95.8*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*112*	*70.0-130*	

Method Blank (MB)

(MB) R3595500-3 11/18/20 21:57

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	0.0980	J	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	*104*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

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

(LCS) R3595500-1 11/18/20 20:59 • (LCSD) R3595500-2 11/18/20 21:18

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	5.69	5.56	114	111	70.0-130			2.31	20
1,2-Dichloroethane	5.00	5.24	5.34	105	107	70.0-130			1.89	20
Ethylbenzene	5.00	5.79	5.72	116	114	70.0-130			1.22	20
Methyl tert-butyl ether	5.00	5.71	5.79	114	116	70.0-130			1.39	20
Naphthalene	5.00	4.70	5.27	94.0	105	70.0-130			11.4	20
Toluene	5.00	5.27	5.32	105	106	70.0-130			0.944	20
Xylenes, Total	15.0	17.4	17.1	116	114	70.0-130			1.74	20
(S) Toluene-d8				*105*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*102*	*105*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*112*	*112*	*70.0-130*				

Method Blank (MB)

(MB) R3595876-2 11/20/20 20:03

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	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*94.4*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3595876-1 11/20/20 19:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.10	102	70.0-130	
1,2-Dichloroethane	5.00	4.35	87.0	70.0-130	
Ethylbenzene	5.00	4.92	98.4	70.0-130	
Methyl tert-butyl ether	5.00	4.90	98.0	70.0-130	
Naphthalene	5.00	5.76	115	70.0-130	
Toluene	5.00	5.17	103	70.0-130	
Xylenes, Total	15.0	14.6	97.3	70.0-130	
(S) Toluene-d8			*107*	*80.0-120*	
(S) 4-Bromofluorobenzene			*100*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*95.4*	*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.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

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	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	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	9980939910
Montana	CERT0086	Wyoming	A2LA

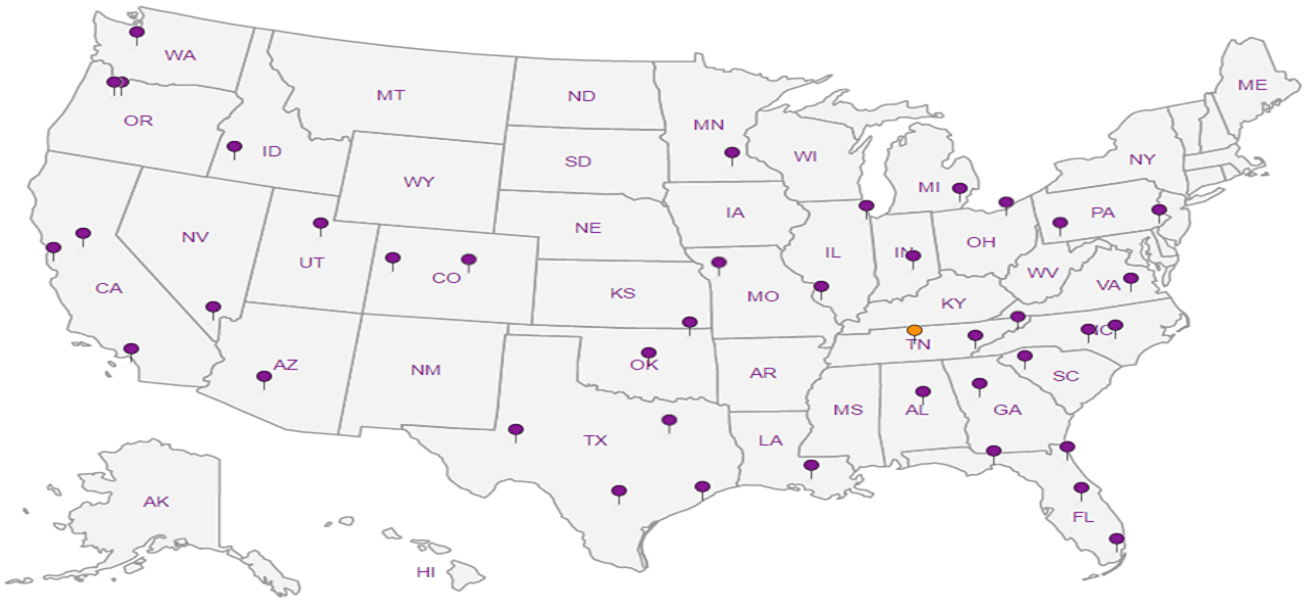
Third Party Federal Accreditations

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.



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 2

Pace Analytical®
National Center for Testing & Innovation

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 Groundwater**

City/State Collected: Belton, SC

Please Circle: PT MT CT ET

Phone: **404-751-5651**

Client Project #

Lab Project # **KINCH2MGA-LEWIS12**

Collected by (print): Alex Furness

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 X

SDG # L1285166
J206

Acctnum: **KINCH2MGA**
Template: **T171260**
Prelogin: **P808207**
PM: **526 - Chris McCord**
PB: 11-3-2020
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-23-111120	Grab	GW		11/11/20	1120	3	✓	✓		-01
MW-23-D-111120	↓	GW		↓	1125	3	✓	✓		02
MW-29-111120		GW			1440	3	✓	✓		03
MW-19-111120		GW			1450	3	✓	✓		04
MW-20-111120		GW			1505	3	✓	✓		05
MW-26B-111120		GW			1515	3	✓	✓		06
MW-26-111120		GW			1520	3	✓	✓		07
MW-23B-111120		GW			1530	3	✓	✓		08
MW-46-111120		GW			1535	3	✓	✓		09
MW-11-111120	↓	GW		↓	1520	3	✓	✓		10

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

Remarks: V8260BTEXMNSC = BTEX, MTBE, Napthalene, and 1,2-DCA.

pH _______ Temp _______
Flow _______ Other _______

Samples returned via:
__ UPS __ FedEx __ Courier ________

Tracking # 9348160006986

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: X Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)		
[signature]	11/11/20	18:00		Trip Blank Received: Yes / No; HCL / MeoH; TBR	
				Temp: 3.2±0=3.2 °C; Bottles Received: 54	If preservation required by Login: Date/Time
			Received for lab by: (Signature) [signature]	Date: 111220; Time: 0900	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

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 ED

Phone: 404-751-5651

Client Project #

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): Alex Furness

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-60-111120	Grab	GW		11/11/20	1545	3	✓	✓		-11
MW-56-111120		GW			1555	3	✓	✓		12
MW-57-111120		GW			1600	3	✓	✓		13
MW-45-111120		GW			1610	3	✓	✓		14
MW-45B-111120		GW			1615	3	✓	✓		15
MW-21-111120		GW			1620	3	✓	✓		16
MW-17B-111120		GW		✓	1625	3	✓	✓		17
~~FB-01-111120~~ FB01-111120		GW			1700	3				18
~~TB-01-111120~~ TB01-111120	✓	GW		✓	1705	1				19
		GW								

Chain of Custody Page 2 of 2

Pace Analytical® National Center for Testing & Innovation

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

SDG # L1285166

Table #

Acctnum: KINCH2MGA
Template: T171260
Prelogin: P808207
PM: 526 - Chris McCord
PB: 11-3-2020

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, MTBE, Napthalene, and 1,2-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 Headspace: ✓Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	11/11/20	1800		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.2 °C Bottles Received: 3.2 54
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11/12/20 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

November 24, 2020

Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L1285569
Samples Received:	11/13/2020
Project Number:	KMLDOM20
Description:	Lewis Drive Groundwater

Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By: Erica McNeese

Erica McNeese
Project Manager

MW-01B-111220 L1285569-01 GW

Collected by | Collected date/time 11/12/20 09:40 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578939	1	11/19/20 13:09	11/19/20 13:09	ACG	Mt. Juliet, TN

MW-01-111220 L1285569-02 GW

Collected by | Collected date/time 11/12/20 09:30 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578939	1	11/19/20 13:28	11/19/20 13:28	ACG	Mt. Juliet, TN

MW-27B-111220 L1285569-03 GW

Collected by | Collected date/time 11/12/20 09:45 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578939	1	11/19/20 13:47	11/19/20 13:47	ACG	Mt. Juliet, TN

MW-27-111220 L1285569-04 GW

Collected by | Collected date/time 11/12/20 09:50 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578939	1	11/19/20 14:06	11/19/20 14:06	ACG	Mt. Juliet, TN

MW-12-111220 L1285569-05 GW

Collected by | Collected date/time 11/12/20 10:05 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/19/20 19:21	11/19/20 19:21	TJJ	Mt. Juliet, TN

MW-12B-111220 L1285569-06 GW

Collected by | Collected date/time 11/12/20 10:10 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/19/20 19:41	11/19/20 19:41	TJJ	Mt. Juliet, TN

MW-28-111220 L1285569-07 GW

Collected by | Collected date/time 11/12/20 10:15 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/19/20 20:02	11/19/20 20:02	TJJ	Mt. Juliet, TN

MW-35-111220 L1285569-08 GW

Collected by | Collected date/time 11/12/20 10:25 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/19/20 20:22	11/19/20 20:22	TJJ	Mt. Juliet, TN

MW-25-111220 L1285569-09 GW

Collected by | Collected date/time 11/12/20 10:30 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/19/20 20:43	11/19/20 20:43	TJJ	Mt. Juliet, TN

MW-25B-111220 L1285569-10 GW

Collected by | Collected date/time 11/12/20 10:35 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/19/20 21:03	11/19/20 21:03	TJJ	Mt. Juliet, TN

MW-42-111220 L1285569-11 GW

Collected by | Collected date/time 11/12/20 10:40 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580202	1	11/21/20 20:13	11/21/20 20:13	DWR	Mt. Juliet, TN

MW-41-111220 L1285569-12 GW

Collected by | Collected date/time 11/12/20 10:45 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/19/20 21:44	11/19/20 21:44	TJJ	Mt. Juliet, TN

MW-41-D-111220 L1285569-13 GW

Collected by | Collected date/time 11/12/20 10:50 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/19/20 22:04	11/19/20 22:04	TJJ	Mt. Juliet, TN

MW-40-111220 L1285569-14 GW

Collected by | Collected date/time 11/12/20 10:55 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/19/20 22:25	11/19/20 22:25	TJJ	Mt. Juliet, TN

MW-39-111220 L1285569-15 GW

Collected by | Collected date/time 11/12/20 11:00 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/19/20 22:45	11/19/20 22:45	TJJ	Mt. Juliet, TN

MW-15-111220 L1285569-16 GW

Collected by | Collected date/time 11/12/20 11:05 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	2	11/19/20 23:05	11/19/20 23:05	TJJ	Mt. Juliet, TN

MW-15B-111220 L1285569-17 GW

Collected by | Collected date/time 11/12/20 11:10 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	200	11/20/20 00:47	11/20/20 00:47	TJJ	Mt. Juliet, TN

MW-15B-D-111220 L1285569-18 GW

Collected by | Collected date/time 11/12/20 11:15 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	100	11/20/20 01:08	11/20/20 01:08	TJJ	Mt. Juliet, TN

MW-24B-111220 L1285569-19 GW

Collected by | Collected date/time 11/12/20 13:15 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/19/20 23:26	11/19/20 23:26	TJJ	Mt. Juliet, TN

MW-24-111220 L1285569-20 GW

Collected by | Collected date/time 11/12/20 13:20 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/19/20 23:46	11/19/20 23:46	TJJ	Mt. Juliet, TN

MW-38-111220 L1285569-21 GW

Collected by | Collected date/time 11/12/20 13:25 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	20	11/20/20 01:28	11/20/20 01:28	TJJ	Mt. Juliet, TN

MW-38B-111220 L1285569-22 GW

Collected by | Collected date/time 11/12/20 13:35 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	20	11/20/20 01:49	11/20/20 01:49	TJJ	Mt. Juliet, TN

MW-37-111220 L1285569-23 GW

Collected by | Collected date/time 11/12/20 13:30 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/20/20 00:06	11/20/20 00:06	TJJ	Mt. Juliet, TN

MW-48B-111220 L1285569-24 GW

Collected by | Collected date/time 11/12/20 13:40 | Received date/time 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578948	1	11/20/20 00:26	11/20/20 00:26	TJJ	Mt. Juliet, TN

MW-52-111220 L1285569-25 GW

Collected by	Collected date/time	Received date/time
	11/12/20 13:45	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 12:19	11/21/20 12:19	JAH	Mt. Juliet, TN

MW-51-111220 L1285569-26 GW

Collected by	Collected date/time	Received date/time
	11/12/20 13:50	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 12:41	11/21/20 12:41	JAH	Mt. Juliet, TN

MW-14B-111220 L1285569-27 GW

Collected by	Collected date/time	Received date/time
	11/12/20 14:00	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 13:03	11/21/20 13:03	JAH	Mt. Juliet, TN

MW-14-111220 L1285569-28 GW

Collected by	Collected date/time	Received date/time
	11/12/20 14:05	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 13:25	11/21/20 13:25	JAH	Mt. Juliet, TN

MW-13B-111220 L1285569-29 GW

Collected by	Collected date/time	Received date/time
	11/12/20 14:10	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	50	11/21/20 19:16	11/21/20 19:16	JAH	Mt. Juliet, TN

MW-50B-111220 L1285569-30 GW

Collected by	Collected date/time	Received date/time
	11/12/20 14:35	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 13:47	11/21/20 13:47	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1581170	10	11/24/20 01:26	11/24/20 01:26	JCP	Mt. Juliet, TN

MW-33T-111220 L1285569-31 GW

Collected by	Collected date/time	Received date/time
	11/12/20 14:45	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 14:09	11/21/20 14:09	JAH	Mt. Juliet, TN

MW-47-111220 L1285569-32 GW

Collected by	Collected date/time	Received date/time
	11/12/20 14:50	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 14:31	11/21/20 14:31	JAH	Mt. Juliet, TN

MW-04-111220 L1285569-33 GW

Collected by	Collected date/time	Received date/time
	11/12/20 15:10	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 14:53	11/21/20 14:53	JAH	Mt. Juliet, TN

MW-54-111220 L1285569-34 GW

Collected by	Collected date/time	Received date/time
	11/12/20 15:20	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 15:15	11/21/20 15:15	JAH	Mt. Juliet, TN

MW-53-111220 L1285569-35 GW

Collected by	Collected date/time	Received date/time
	11/12/20 15:25	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 15:37	11/21/20 15:37	JAH	Mt. Juliet, TN

MW-32-111220 L1285569-36 GW

Collected by	Collected date/time	Received date/time
	11/12/20 15:35	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 15:59	11/21/20 15:59	JAH	Mt. Juliet, TN

MW-09-111220 L1285569-37 GW

Collected by	Collected date/time	Received date/time
	11/12/20 16:00	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 16:21	11/21/20 16:21	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1581170	10	11/24/20 01:47	11/24/20 01:47	JCP	Mt. Juliet, TN

MW-09B-111220 L1285569-38 GW

Collected by	Collected date/time	Received date/time
	11/12/20 16:05	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1581170	1	11/24/20 00:45	11/24/20 00:45	JCP	Mt. Juliet, TN

MW-06B-111220 L1285569-39 GW

Collected by	Collected date/time	Received date/time
	11/12/20 16:25	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 17:05	11/21/20 17:05	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1581170	1	11/24/20 01:06	11/24/20 01:06	JCP	Mt. Juliet, TN

MW-36-111220 L1285569-40 GW

Collected by	Collected date/time	Received date/time
	11/12/20 16:40	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 17:27	11/21/20 17:27	JAH	Mt. Juliet, TN

MW-36-D-111220 L1285569-41 GW

Collected by	Collected date/time	Received date/time
	11/12/20 16:45	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 17:49	11/21/20 17:49	JAH	Mt. Juliet, TN

MW-36B-111220 L1285569-42 GW

Collected by	Collected date/time	Received date/time
	11/12/20 17:00	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 18:11	11/21/20 18:11	JAH	Mt. Juliet, TN

MW-55-111220 L1285569-43 GW

Collected by	Collected date/time	Received date/time
	11/12/20 17:15	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 18:33	11/21/20 18:33	JAH	Mt. Juliet, TN

MW-18-111220 L1285569-44 GW

Collected by	Collected date/time	Received date/time
	11/12/20 17:30	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580038	1	11/21/20 18:54	11/21/20 18:54	JAH	Mt. Juliet, TN

MW-07-111220 L1285569-45 GW

Collected by	Collected date/time	Received date/time
	11/12/20 16:45	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580356	1	11/21/20 20:34	11/21/20 20:34	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580819	25	11/23/20 02:27	11/23/20 02:27	JAH	Mt. Juliet, TN

FB-01-111220 L1285569-46 GW

Collected by	Collected date/time	Received date/time
	11/12/20 17:50	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580356	1	11/21/20 17:13	11/21/20 17:13	DWR	Mt. Juliet, TN

TB-01-111220 L1285569-47 GW

Collected by	Collected date/time	Received date/time
	11/12/20 18:00	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580356	1	11/21/20 17:33	11/21/20 17:33	DWR	Mt. Juliet, TN

TB-02-111220 L1285569-48 GW

Collected by	Collected date/time	Received date/time
	11/12/20 18:05	11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1580356	1	11/21/20 17:54	11/21/20 17:54	DWR	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

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	4.60		1.00	1	11/19/2020 13:09	WG1578939
Toluene	ND		1.00	1	11/19/2020 13:09	WG1578939
Ethylbenzene	ND		1.00	1	11/19/2020 13:09	WG1578939
Total Xylenes	ND		3.00	1	11/19/2020 13:09	WG1578939
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 13:09	WG1578939
Naphthalene	ND		5.00	1	11/19/2020 13:09	WG1578939
1,2-Dichloroethane	ND		1.00	1	11/19/2020 13:09	WG1578939
(S) Toluene-d8	*107*		*80.0-120*		*11/19/2020 13:09*	WG1578939
(S) 4-Bromofluorobenzene	*106*		*77.0-126*		*11/19/2020 13:09*	WG1578939
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*11/19/2020 13:09*	WG1578939

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 13:28	WG1578939
Toluene	ND		1.00	1	11/19/2020 13:28	WG1578939
Ethylbenzene	ND		1.00	1	11/19/2020 13:28	WG1578939
Total Xylenes	ND		3.00	1	11/19/2020 13:28	WG1578939
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 13:28	WG1578939
Naphthalene	ND		5.00	1	11/19/2020 13:28	WG1578939
1,2-Dichloroethane	ND		1.00	1	11/19/2020 13:28	WG1578939
(S) Toluene-d8	*112*		*80.0-120*		*11/19/2020 13:28*	WG1578939
(S) 4-Bromofluorobenzene	*103*		*77.0-126*		*11/19/2020 13:28*	WG1578939
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*11/19/2020 13:28*	WG1578939

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 13:47	WG1578939
Toluene	3.27		1.00	1	11/19/2020 13:47	WG1578939
Ethylbenzene	1.78		1.00	1	11/19/2020 13:47	WG1578939
Total Xylenes	13.6		3.00	1	11/19/2020 13:47	WG1578939
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 13:47	WG1578939
Naphthalene	ND		5.00	1	11/19/2020 13:47	WG1578939
1,2-Dichloroethane	ND		1.00	1	11/19/2020 13:47	WG1578939
(S) Toluene-d8	*109*		*80.0-120*		*11/19/2020 13:47*	WG1578939
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*11/19/2020 13:47*	WG1578939
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*11/19/2020 13:47*	WG1578939

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 14:06	WG1578939
Toluene	ND		1.00	1	11/19/2020 14:06	WG1578939
Ethylbenzene	ND		1.00	1	11/19/2020 14:06	WG1578939
Total Xylenes	ND		3.00	1	11/19/2020 14:06	WG1578939
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 14:06	WG1578939
Naphthalene	ND		5.00	1	11/19/2020 14:06	WG1578939
1,2-Dichloroethane	ND		1.00	1	11/19/2020 14:06	WG1578939
(S) Toluene-d8	*109*		*80.0-120*		*11/19/2020 14:06*	WG1578939
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*11/19/2020 14:06*	WG1578939
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*11/19/2020 14:06*	WG1578939

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 19:21	WG1578948
Toluene	ND		1.00	1	11/19/2020 19:21	WG1578948
Ethylbenzene	ND		1.00	1	11/19/2020 19:21	WG1578948
Total Xylenes	ND		3.00	1	11/19/2020 19:21	WG1578948
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 19:21	WG1578948
Naphthalene	ND		5.00	1	11/19/2020 19:21	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/19/2020 19:21	WG1578948
(S) Toluene-d8	*96.9*		*80.0-120*		*11/19/2020 19:21*	WG1578948
(S) 4-Bromofluorobenzene	*133*	J1	*77.0-126*		*11/19/2020 19:21*	WG1578948
(S) 1,2-Dichloroethane-d4	*115*		*70.0-130*		*11/19/2020 19:21*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	5.65		1.00	1	11/19/2020 19:41	WG1578948
Toluene	ND		1.00	1	11/19/2020 19:41	WG1578948
Ethylbenzene	ND		1.00	1	11/19/2020 19:41	WG1578948
Total Xylenes	ND		3.00	1	11/19/2020 19:41	WG1578948
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 19:41	WG1578948
Naphthalene	ND		5.00	1	11/19/2020 19:41	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/19/2020 19:41	WG1578948
(S) Toluene-d8	*102*		*80.0-120*		*11/19/2020 19:41*	WG1578948
(S) 4-Bromofluorobenzene	*143*	J1	*77.0-126*		*11/19/2020 19:41*	WG1578948
(S) 1,2-Dichloroethane-d4	*115*		*70.0-130*		*11/19/2020 19:41*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	3.07		1.00	1	11/19/2020 20:02	WG1578948
Toluene	ND		1.00	1	11/19/2020 20:02	WG1578948
Ethylbenzene	ND		1.00	1	11/19/2020 20:02	WG1578948
Total Xylenes	ND		3.00	1	11/19/2020 20:02	WG1578948
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 20:02	WG1578948
Naphthalene	ND		5.00	1	11/19/2020 20:02	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/19/2020 20:02	WG1578948
(S) Toluene-d8	*131*	J1	*80.0-120*		*11/19/2020 20:02*	WG1578948
(S) 4-Bromofluorobenzene	*119*		*77.0-126*		*11/19/2020 20:02*	WG1578948
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*11/19/2020 20:02*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 20:22	WG1578948
Toluene	ND		1.00	1	11/19/2020 20:22	WG1578948
Ethylbenzene	ND		1.00	1	11/19/2020 20:22	WG1578948
Total Xylenes	ND		3.00	1	11/19/2020 20:22	WG1578948
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 20:22	WG1578948
Naphthalene	ND		5.00	1	11/19/2020 20:22	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/19/2020 20:22	WG1578948
(S) Toluene-d8	*104*		*80.0-120*		*11/19/2020 20:22*	WG1578948
(S) 4-Bromofluorobenzene	*110*		*77.0-126*		*11/19/2020 20:22*	WG1578948
(S) 1,2-Dichloroethane-d4	*115*		*70.0-130*		*11/19/2020 20:22*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 20:43	WG1578948
Toluene	ND		1.00	1	11/19/2020 20:43	WG1578948
Ethylbenzene	ND		1.00	1	11/19/2020 20:43	WG1578948
Total Xylenes	ND		3.00	1	11/19/2020 20:43	WG1578948
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 20:43	WG1578948
Naphthalene	ND		5.00	1	11/19/2020 20:43	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/19/2020 20:43	WG1578948
(S) Toluene-d8	*105*		*80.0-120*		*11/19/2020 20:43*	WG1578948
(S) 4-Bromofluorobenzene	*142*	J1	*77.0-126*		*11/19/2020 20:43*	WG1578948
(S) 1,2-Dichloroethane-d4	*116*		*70.0-130*		*11/19/2020 20:43*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	3.77		1.00	1	11/19/2020 21:03	WG1578948
Toluene	ND		1.00	1	11/19/2020 21:03	WG1578948
Ethylbenzene	ND		1.00	1	11/19/2020 21:03	WG1578948
Total Xylenes	ND		3.00	1	11/19/2020 21:03	WG1578948
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 21:03	WG1578948
Naphthalene	ND		5.00	1	11/19/2020 21:03	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/19/2020 21:03	WG1578948
(S) Toluene-d8	*102*		*80.0-120*		*11/19/2020 21:03*	WG1578948
(S) 4-Bromofluorobenzene	*109*		*77.0-126*		*11/19/2020 21:03*	WG1578948
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*11/19/2020 21:03*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 20:13	WG1580202
Toluene	ND		1.00	1	11/21/2020 20:13	WG1580202
Ethylbenzene	ND		1.00	1	11/21/2020 20:13	WG1580202
Total Xylenes	ND		3.00	1	11/21/2020 20:13	WG1580202
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 20:13	WG1580202
Naphthalene	ND	C3	5.00	1	11/21/2020 20:13	WG1580202
1,2-Dichloroethane	ND		1.00	1	11/21/2020 20:13	WG1580202
(S) Toluene-d8	*110*		*80.0-120*		*11/21/2020 20:13*	WG1580202
(S) 4-Bromofluorobenzene	*93.1*		*77.0-126*		*11/21/2020 20:13*	WG1580202
(S) 1,2-Dichloroethane-d4	*98.6*		*70.0-130*		*11/21/2020 20:13*	WG1580202

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 21:44	WG1578948
Toluene	ND		1.00	1	11/19/2020 21:44	WG1578948
Ethylbenzene	ND		1.00	1	11/19/2020 21:44	WG1578948
Total Xylenes	ND		3.00	1	11/19/2020 21:44	WG1578948
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 21:44	WG1578948
Naphthalene	ND		5.00	1	11/19/2020 21:44	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/19/2020 21:44	WG1578948
(S) Toluene-d8	*81.9*		*80.0-120*		*11/19/2020 21:44*	WG1578948
(S) 4-Bromofluorobenzene	*84.4*		*77.0-126*		*11/19/2020 21:44*	WG1578948
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*11/19/2020 21:44*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 22:04	WG1578948
Toluene	ND		1.00	1	11/19/2020 22:04	WG1578948
Ethylbenzene	ND		1.00	1	11/19/2020 22:04	WG1578948
Total Xylenes	ND		3.00	1	11/19/2020 22:04	WG1578948
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 22:04	WG1578948
Naphthalene	ND		5.00	1	11/19/2020 22:04	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/19/2020 22:04	WG1578948
(S) Toluene-d8	*98.8*		*80.0-120*		*11/19/2020 22:04*	WG1578948
(S) 4-Bromofluorobenzene	*109*		*77.0-126*		*11/19/2020 22:04*	WG1578948
(S) 1,2-Dichloroethane-d4	*115*		*70.0-130*		*11/19/2020 22:04*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 22:25	WG1578948
Toluene	ND		1.00	1	11/19/2020 22:25	WG1578948
Ethylbenzene	ND		1.00	1	11/19/2020 22:25	WG1578948
Total Xylenes	ND		3.00	1	11/19/2020 22:25	WG1578948
Methyl tert-butyl ether	37.9		1.00	1	11/19/2020 22:25	WG1578948
Naphthalene	ND		5.00	1	11/19/2020 22:25	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/19/2020 22:25	WG1578948
(S) Toluene-d8	*113*		*80.0-120*		*11/19/2020 22:25*	WG1578948
(S) 4-Bromofluorobenzene	*113*		*77.0-126*		*11/19/2020 22:25*	WG1578948
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*11/19/2020 22:25*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 22:45	WG1578948
Toluene	ND		1.00	1	11/19/2020 22:45	WG1578948
Ethylbenzene	ND		1.00	1	11/19/2020 22:45	WG1578948
Total Xylenes	3.60		3.00	1	11/19/2020 22:45	WG1578948
Methyl tert-butyl ether	123		1.00	1	11/19/2020 22:45	WG1578948
Naphthalene	ND		5.00	1	11/19/2020 22:45	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/19/2020 22:45	WG1578948
(S) Toluene-d8	*111*		*80.0-120*		*11/19/2020 22:45*	WG1578948
(S) 4-Bromofluorobenzene	*138*	J1	*77.0-126*		*11/19/2020 22:45*	WG1578948
(S) 1,2-Dichloroethane-d4	*122*		*70.0-130*		*11/19/2020 22:45*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		2.00	2	11/19/2020 23:05	WG1578948
Toluene	ND		2.00	2	11/19/2020 23:05	WG1578948
Ethylbenzene	ND		2.00	2	11/19/2020 23:05	WG1578948
Total Xylenes	ND		6.00	2	11/19/2020 23:05	WG1578948
Methyl tert-butyl ether	2.41		2.00	2	11/19/2020 23:05	WG1578948
Naphthalene	ND		10.0	2	11/19/2020 23:05	WG1578948
1,2-Dichloroethane	ND		2.00	2	11/19/2020 23:05	WG1578948
(S) Toluene-d8	*113*		*80.0-120*		*11/19/2020 23:05*	WG1578948
(S) 4-Bromofluorobenzene	*121*		*77.0-126*		*11/19/2020 23:05*	WG1578948
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*11/19/2020 23:05*	WG1578948

Sample Narrative:

L1285569-16 WG1578948: Lowest possible dilution due to sediment in sample vial.

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	4230		200	200	11/20/2020 00:47	WG1578948
Toluene	1130		200	200	11/20/2020 00:47	WG1578948
Ethylbenzene	237		200	200	11/20/2020 00:47	WG1578948
Total Xylenes	2180		600	200	11/20/2020 00:47	WG1578948
Methyl tert-butyl ether	ND		200	200	11/20/2020 00:47	WG1578948
Naphthalene	ND		1000	200	11/20/2020 00:47	WG1578948
1,2-Dichloroethane	ND		200	200	11/20/2020 00:47	WG1578948
(S) Toluene-d8	*107*		*80.0-120*		*11/20/2020 00:47*	WG1578948
(S) 4-Bromofluorobenzene	*141*	J1	*77.0-126*		*11/20/2020 00:47*	WG1578948
(S) 1,2-Dichloroethane-d4	*112*		*70.0-130*		*11/20/2020 00:47*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	4060		100	100	11/20/2020 01:08	WG1578948
Toluene	810		100	100	11/20/2020 01:08	WG1578948
Ethylbenzene	235		100	100	11/20/2020 01:08	WG1578948
Total Xylenes	1980		300	100	11/20/2020 01:08	WG1578948
Methyl tert-butyl ether	190		100	100	11/20/2020 01:08	WG1578948
Naphthalene	ND		500	100	11/20/2020 01:08	WG1578948
1,2-Dichloroethane	ND		100	100	11/20/2020 01:08	WG1578948
(S) Toluene-d8	*77.4*	J2	*80.0-120*		*11/20/2020 01:08*	WG1578948
(S) 4-Bromofluorobenzene	*107*		*77.0-126*		*11/20/2020 01:08*	WG1578948
(S) 1,2-Dichloroethane-d4	*116*		*70.0-130*		*11/20/2020 01:08*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 23:26	WG1578948
Toluene	ND		1.00	1	11/19/2020 23:26	WG1578948
Ethylbenzene	ND		1.00	1	11/19/2020 23:26	WG1578948
Total Xylenes	ND		3.00	1	11/19/2020 23:26	WG1578948
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 23:26	WG1578948
Naphthalene	ND		5.00	1	11/19/2020 23:26	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/19/2020 23:26	WG1578948
(S) Toluene-d8	*114*		*80.0-120*		*11/19/2020 23:26*	WG1578948
(S) 4-Bromofluorobenzene	*134*	J1	*77.0-126*		*11/19/2020 23:26*	WG1578948
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*11/19/2020 23:26*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 23:46	WG1578948
Toluene	ND		1.00	1	11/19/2020 23:46	WG1578948
Ethylbenzene	ND		1.00	1	11/19/2020 23:46	WG1578948
Total Xylenes	ND		3.00	1	11/19/2020 23:46	WG1578948
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 23:46	WG1578948
Naphthalene	ND		5.00	1	11/19/2020 23:46	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/19/2020 23:46	WG1578948
(S) Toluene-d8	*102*		*80.0-120*		*11/19/2020 23:46*	WG1578948
(S) 4-Bromofluorobenzene	*108*		*77.0-126*		*11/19/2020 23:46*	WG1578948
(S) 1,2-Dichloroethane-d4	*117*		*70.0-130*		*11/19/2020 23:46*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	1690		20.0	20	11/20/2020 01:28	WG1578948
Toluene	ND		20.0	20	11/20/2020 01:28	WG1578948
Ethylbenzene	ND		20.0	20	11/20/2020 01:28	WG1578948
Total Xylenes	305		60.0	20	11/20/2020 01:28	WG1578948
Methyl tert-butyl ether	200		20.0	20	11/20/2020 01:28	WG1578948
Naphthalene	ND		100	20	11/20/2020 01:28	WG1578948
1,2-Dichloroethane	ND		20.0	20	11/20/2020 01:28	WG1578948
(S) Toluene-d8	*101*		*80.0-120*		*11/20/2020 01:28*	WG1578948
(S) 4-Bromofluorobenzene	*108*		*77.0-126*		*11/20/2020 01:28*	WG1578948
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*11/20/2020 01:28*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	2770		20.0	20	11/20/2020 01:49	WG1578948
Toluene	ND		20.0	20	11/20/2020 01:49	WG1578948
Ethylbenzene	ND		20.0	20	11/20/2020 01:49	WG1578948
Total Xylenes	408		60.0	20	11/20/2020 01:49	WG1578948
Methyl tert-butyl ether	222		20.0	20	11/20/2020 01:49	WG1578948
Naphthalene	ND		100	20	11/20/2020 01:49	WG1578948
1,2-Dichloroethane	ND		20.0	20	11/20/2020 01:49	WG1578948
(S) Toluene-d8	*101*		*80.0-120*		*11/20/2020 01:49*	WG1578948
(S) 4-Bromofluorobenzene	*129*	J1	*77.0-126*		*11/20/2020 01:49*	WG1578948
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*11/20/2020 01:49*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/20/2020 00:06	WG1578948
Toluene	ND		1.00	1	11/20/2020 00:06	WG1578948
Ethylbenzene	ND		1.00	1	11/20/2020 00:06	WG1578948
Total Xylenes	ND		3.00	1	11/20/2020 00:06	WG1578948
Methyl tert-butyl ether	ND		1.00	1	11/20/2020 00:06	WG1578948
Naphthalene	ND		5.00	1	11/20/2020 00:06	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/20/2020 00:06	WG1578948
(S) Toluene-d8	*95.5*		*80.0-120*		*11/20/2020 00:06*	WG1578948
(S) 4-Bromofluorobenzene	*139*	J1	*77.0-126*		*11/20/2020 00:06*	WG1578948
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*11/20/2020 00:06*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/20/2020 00:26	WG1578948
Toluene	ND		1.00	1	11/20/2020 00:26	WG1578948
Ethylbenzene	ND		1.00	1	11/20/2020 00:26	WG1578948
Total Xylenes	ND		3.00	1	11/20/2020 00:26	WG1578948
Methyl tert-butyl ether	ND		1.00	1	11/20/2020 00:26	WG1578948
Naphthalene	ND		5.00	1	11/20/2020 00:26	WG1578948
1,2-Dichloroethane	ND		1.00	1	11/20/2020 00:26	WG1578948
(S) Toluene-d8	*102*		*80.0-120*		*11/20/2020 00:26*	WG1578948
(S) 4-Bromofluorobenzene	*110*		*77.0-126*		*11/20/2020 00:26*	WG1578948
(S) 1,2-Dichloroethane-d4	*117*		*70.0-130*		*11/20/2020 00:26*	WG1578948

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 12:19	WG1580038
Toluene	ND		1.00	1	11/21/2020 12:19	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 12:19	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 12:19	WG1580038
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 12:19	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 12:19	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 12:19	WG1580038
(S) Toluene-d8	*102*		*80.0-120*		*11/21/2020 12:19*	WG1580038
(S) 4-Bromofluorobenzene	*92.1*		*77.0-126*		*11/21/2020 12:19*	WG1580038
(S) 1,2-Dichloroethane-d4	*88.4*		*70.0-130*		*11/21/2020 12:19*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 12:41	WG1580038
Toluene	ND		1.00	1	11/21/2020 12:41	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 12:41	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 12:41	WG1580038
Methyl tert-butyl ether	3.23		1.00	1	11/21/2020 12:41	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 12:41	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 12:41	WG1580038
(S) Toluene-d8	*100*		*80.0-120*		*11/21/2020 12:41*	WG1580038
(S) 4-Bromofluorobenzene	*89.6*		*77.0-126*		*11/21/2020 12:41*	WG1580038
(S) 1,2-Dichloroethane-d4	*88.4*		*70.0-130*		*11/21/2020 12:41*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 13:03	WG1580038
Toluene	ND		1.00	1	11/21/2020 13:03	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 13:03	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 13:03	WG1580038
Methyl tert-butyl ether	6.63		1.00	1	11/21/2020 13:03	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 13:03	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 13:03	WG1580038
(S) Toluene-d8	*102*		*80.0-120*		*11/21/2020 13:03*	WG1580038
(S) 4-Bromofluorobenzene	*90.6*		*77.0-126*		*11/21/2020 13:03*	WG1580038
(S) 1,2-Dichloroethane-d4	*88.8*		*70.0-130*		*11/21/2020 13:03*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 13:25	WG1580038
Toluene	ND		1.00	1	11/21/2020 13:25	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 13:25	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 13:25	WG1580038
Methyl tert-butyl ether	3.22		1.00	1	11/21/2020 13:25	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 13:25	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 13:25	WG1580038
(S) Toluene-d8	*101*		*80.0-120*		*11/21/2020 13:25*	WG1580038
(S) 4-Bromofluorobenzene	*89.4*		*77.0-126*		*11/21/2020 13:25*	WG1580038
(S) 1,2-Dichloroethane-d4	*86.9*		*70.0-130*		*11/21/2020 13:25*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	2000		50.0	50	11/21/2020 19:16	WG1580038
Toluene	67.6		50.0	50	11/21/2020 19:16	WG1580038
Ethylbenzene	56.3		50.0	50	11/21/2020 19:16	WG1580038
Total Xylenes	ND		150	50	11/21/2020 19:16	WG1580038
Methyl tert-butyl ether	178		50.0	50	11/21/2020 19:16	WG1580038
Naphthalene	ND		250	50	11/21/2020 19:16	WG1580038
1,2-Dichloroethane	ND		50.0	50	11/21/2020 19:16	WG1580038
(S) Toluene-d8	*101*		*80.0-120*		*11/21/2020 19:16*	WG1580038
(S) 4-Bromofluorobenzene	*92.4*		*77.0-126*		*11/21/2020 19:16*	WG1580038
(S) 1,2-Dichloroethane-d4	*84.9*		*70.0-130*		*11/21/2020 19:16*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	737		10.0	10	11/24/2020 01:26	WG1581170
Toluene	2.29		1.00	1	11/21/2020 13:47	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 13:47	WG1580038
Total Xylenes	31.2		3.00	1	11/21/2020 13:47	WG1580038
Methyl tert-butyl ether	84.9		1.00	1	11/21/2020 13:47	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 13:47	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 13:47	WG1580038
(S) Toluene-d8	*99.2*		*80.0-120*		*11/21/2020 13:47*	WG1580038
(S) Toluene-d8	*107*		*80.0-120*		*11/24/2020 01:26*	WG1581170
(S) 4-Bromofluorobenzene	*91.1*		*77.0-126*		*11/21/2020 13:47*	WG1580038
(S) 4-Bromofluorobenzene	*95.8*		*77.0-126*		*11/24/2020 01:26*	WG1581170
(S) 1,2-Dichloroethane-d4	*89.7*		*70.0-130*		*11/21/2020 13:47*	WG1580038
(S) 1,2-Dichloroethane-d4	*98.3*		*70.0-130*		*11/24/2020 01:26*	WG1581170

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 14:09	WG1580038
Toluene	ND		1.00	1	11/21/2020 14:09	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 14:09	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 14:09	WG1580038
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 14:09	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 14:09	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 14:09	WG1580038
(S) Toluene-d8	*101*		*80.0-120*		*11/21/2020 14:09*	WG1580038
(S) 4-Bromofluorobenzene	*92.4*		*77.0-126*		*11/21/2020 14:09*	WG1580038
(S) 1,2-Dichloroethane-d4	*88.1*		*70.0-130*		*11/21/2020 14:09*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 14:31	WG1580038
Toluene	ND		1.00	1	11/21/2020 14:31	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 14:31	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 14:31	WG1580038
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 14:31	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 14:31	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 14:31	WG1580038
(S) Toluene-d8	*101*		*80.0-120*		*11/21/2020 14:31*	WG1580038
(S) 4-Bromofluorobenzene	*90.1*		*77.0-126*		*11/21/2020 14:31*	WG1580038
(S) 1,2-Dichloroethane-d4	*88.6*		*70.0-130*		*11/21/2020 14:31*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 14:53	WG1580038
Toluene	ND		1.00	1	11/21/2020 14:53	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 14:53	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 14:53	WG1580038
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 14:53	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 14:53	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 14:53	WG1580038
(S) Toluene-d8	*102*		*80.0-120*		*11/21/2020 14:53*	WG1580038
(S) 4-Bromofluorobenzene	*91.8*		*77.0-126*		*11/21/2020 14:53*	WG1580038
(S) 1,2-Dichloroethane-d4	*87.6*		*70.0-130*		*11/21/2020 14:53*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 15:15	WG1580038
Toluene	ND		1.00	1	11/21/2020 15:15	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 15:15	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 15:15	WG1580038
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 15:15	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 15:15	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 15:15	WG1580038
(S) Toluene-d8	*101*		*80.0-120*		*11/21/2020 15:15*	WG1580038
(S) 4-Bromofluorobenzene	*89.3*		*77.0-126*		*11/21/2020 15:15*	WG1580038
(S) 1,2-Dichloroethane-d4	*91.1*		*70.0-130*		*11/21/2020 15:15*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 15:37	WG1580038
Toluene	ND		1.00	1	11/21/2020 15:37	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 15:37	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 15:37	WG1580038
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 15:37	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 15:37	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 15:37	WG1580038
(S) Toluene-d8	*101*		*80.0-120*		*11/21/2020 15:37*	WG1580038
(S) 4-Bromofluorobenzene	*91.1*		*77.0-126*		*11/21/2020 15:37*	WG1580038
(S) 1,2-Dichloroethane-d4	*87.6*		*70.0-130*		*11/21/2020 15:37*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 15:59	WG1580038
Toluene	ND		1.00	1	11/21/2020 15:59	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 15:59	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 15:59	WG1580038
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 15:59	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 15:59	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 15:59	WG1580038
(S) Toluene-d8	*102*		*80.0-120*		*11/21/2020 15:59*	WG1580038
(S) 4-Bromofluorobenzene	*91.9*		*77.0-126*		*11/21/2020 15:59*	WG1580038
(S) 1,2-Dichloroethane-d4	*87.4*		*70.0-130*		*11/21/2020 15:59*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	8.83		1.00	1	11/21/2020 16:21	WG1580038
Toluene	429		10.0	10	11/24/2020 01:47	WG1581170
Ethylbenzene	87.0		1.00	1	11/21/2020 16:21	WG1580038
Total Xylenes	1450		30.0	10	11/24/2020 01:47	WG1581170
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 16:21	WG1580038
Naphthalene	33.0		5.00	1	11/21/2020 16:21	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 16:21	WG1580038
(S) Toluene-d8	*100*		*80.0-120*		*11/21/2020 16:21*	WG1580038
(S) Toluene-d8	*109*		*80.0-120*		*11/24/2020 01:47*	WG1581170
(S) 4-Bromofluorobenzene	*92.2*		*77.0-126*		*11/21/2020 16:21*	WG1580038
(S) 4-Bromofluorobenzene	*93.1*		*77.0-126*		*11/24/2020 01:47*	WG1581170
(S) 1,2-Dichloroethane-d4	*89.8*		*70.0-130*		*11/21/2020 16:21*	WG1580038
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*11/24/2020 01:47*	WG1581170

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	2.83		1.00	1	11/24/2020 00:45	WG1581170
Toluene	10.4		1.00	1	11/24/2020 00:45	WG1581170
Ethylbenzene	2.71		1.00	1	11/24/2020 00:45	WG1581170
Total Xylenes	20.5		3.00	1	11/24/2020 00:45	WG1581170
Methyl tert-butyl ether	ND		1.00	1	11/24/2020 00:45	WG1581170
Naphthalene	ND		5.00	1	11/24/2020 00:45	WG1581170
1,2-Dichloroethane	ND		1.00	1	11/24/2020 00:45	WG1581170
(S) Toluene-d8	*111*		*80.0-120*		*11/24/2020 00:45*	WG1581170
(S) 4-Bromofluorobenzene	*96.8*		*77.0-126*		*11/24/2020 00:45*	WG1581170
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*11/24/2020 00:45*	WG1581170

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 17:05	WG1580038
Toluene	2.35		1.00	1	11/24/2020 01:06	WG1581170
Ethylbenzene	ND		1.00	1	11/21/2020 17:05	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 17:05	WG1580038
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 17:05	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 17:05	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 17:05	WG1580038
(S) Toluene-d8	*103*		*80.0-120*		*11/21/2020 17:05*	WG1580038
(S) Toluene-d8	*112*		*80.0-120*		*11/24/2020 01:06*	WG1581170
(S) 4-Bromofluorobenzene	*92.4*		*77.0-126*		*11/21/2020 17:05*	WG1580038
(S) 4-Bromofluorobenzene	*96.6*		*77.0-126*		*11/24/2020 01:06*	WG1581170
(S) 1,2-Dichloroethane-d4	*86.4*		*70.0-130*		*11/21/2020 17:05*	WG1580038
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*11/24/2020 01:06*	WG1581170

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 17:27	WG1580038
Toluene	ND		1.00	1	11/21/2020 17:27	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 17:27	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 17:27	WG1580038
Methyl tert-butyl ether	2.68		1.00	1	11/21/2020 17:27	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 17:27	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 17:27	WG1580038
(S) Toluene-d8	*103*		*80.0-120*		*11/21/2020 17:27*	WG1580038
(S) 4-Bromofluorobenzene	*91.1*		*77.0-126*		*11/21/2020 17:27*	WG1580038
(S) 1,2-Dichloroethane-d4	*84.8*		*70.0-130*		*11/21/2020 17:27*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 17:49	WG1580038
Toluene	ND		1.00	1	11/21/2020 17:49	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 17:49	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 17:49	WG1580038
Methyl tert-butyl ether	2.69		1.00	1	11/21/2020 17:49	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 17:49	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 17:49	WG1580038
(S) Toluene-d8	*103*		*80.0-120*		*11/21/2020 17:49*	WG1580038
(S) 4-Bromofluorobenzene	*94.1*		*77.0-126*		*11/21/2020 17:49*	WG1580038
(S) 1,2-Dichloroethane-d4	*89.3*		*70.0-130*		*11/21/2020 17:49*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 18:11	WG1580038
Toluene	ND		1.00	1	11/21/2020 18:11	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 18:11	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 18:11	WG1580038
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 18:11	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 18:11	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 18:11	WG1580038
(S) Toluene-d8	*102*		*80.0-120*		*11/21/2020 18:11*	WG1580038
(S) 4-Bromofluorobenzene	*91.5*		*77.0-126*		*11/21/2020 18:11*	WG1580038
(S) 1,2-Dichloroethane-d4	*86.5*		*70.0-130*		*11/21/2020 18:11*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 18:33	WG1580038
Toluene	ND		1.00	1	11/21/2020 18:33	WG1580038
Ethylbenzene	ND		1.00	1	11/21/2020 18:33	WG1580038
Total Xylenes	ND		3.00	1	11/21/2020 18:33	WG1580038
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 18:33	WG1580038
Naphthalene	ND		5.00	1	11/21/2020 18:33	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 18:33	WG1580038
(S) Toluene-d8	*101*		*80.0-120*		*11/21/2020 18:33*	WG1580038
(S) 4-Bromofluorobenzene	*91.1*		*77.0-126*		*11/21/2020 18:33*	WG1580038
(S) 1,2-Dichloroethane-d4	*87.1*		*70.0-130*		*11/21/2020 18:33*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	2.12		1.00	1	11/21/2020 18:54	WG1580038
Toluene	6.04		1.00	1	11/21/2020 18:54	WG1580038
Ethylbenzene	2.07		1.00	1	11/21/2020 18:54	WG1580038
Total Xylenes	22.8		3.00	1	11/21/2020 18:54	WG1580038
Methyl tert-butyl ether	12.5		1.00	1	11/21/2020 18:54	WG1580038
Naphthalene	10.2		5.00	1	11/21/2020 18:54	WG1580038
1,2-Dichloroethane	ND		1.00	1	11/21/2020 18:54	WG1580038
(S) Toluene-d8	*101*		*80.0-120*		*11/21/2020 18:54*	WG1580038
(S) 4-Bromofluorobenzene	*89.2*		*77.0-126*		*11/21/2020 18:54*	WG1580038
(S) 1,2-Dichloroethane-d4	*83.8*		*70.0-130*		*11/21/2020 18:54*	WG1580038

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	534		25.0	25	11/23/2020 02:27	WG1580819
Toluene	1190		25.0	25	11/23/2020 02:27	WG1580819
Ethylbenzene	253		25.0	25	11/23/2020 02:27	WG1580819
Total Xylenes	2090		75.0	25	11/23/2020 02:27	WG1580819
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 20:34	WG1580356
Naphthalene	31.9	C3	5.00	1	11/21/2020 20:34	WG1580356
1,2-Dichloroethane	ND		1.00	1	11/21/2020 20:34	WG1580356
(S) Toluene-d8	*87.5*		*80.0-120*		*11/21/2020 20:34*	WG1580356
(S) Toluene-d8	*103*		*80.0-120*		*11/23/2020 02:27*	WG1580819
(S) 4-Bromofluorobenzene	*83.4*		*77.0-126*		*11/21/2020 20:34*	WG1580356
(S) 4-Bromofluorobenzene	*98.3*		*77.0-126*		*11/23/2020 02:27*	WG1580819
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*11/21/2020 20:34*	WG1580356
(S) 1,2-Dichloroethane-d4	*89.6*		*70.0-130*		*11/23/2020 02:27*	WG1580819

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 17:13	WG1580356
Toluene	ND		1.00	1	11/21/2020 17:13	WG1580356
Ethylbenzene	ND		1.00	1	11/21/2020 17:13	WG1580356
Total Xylenes	ND		3.00	1	11/21/2020 17:13	WG1580356
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 17:13	WG1580356
Naphthalene	ND	C3	5.00	1	11/21/2020 17:13	WG1580356
1,2-Dichloroethane	ND		1.00	1	11/21/2020 17:13	WG1580356
(S) Toluene-d8	*111*		*80.0-120*		*11/21/2020 17:13*	WG1580356
(S) 4-Bromofluorobenzene	*87.1*		*77.0-126*		*11/21/2020 17:13*	WG1580356
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*11/21/2020 17:13*	WG1580356

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 17:33	WG1580356
Toluene	ND		1.00	1	11/21/2020 17:33	WG1580356
Ethylbenzene	ND		1.00	1	11/21/2020 17:33	WG1580356
Total Xylenes	ND		3.00	1	11/21/2020 17:33	WG1580356
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 17:33	WG1580356
Naphthalene	ND	C3	5.00	1	11/21/2020 17:33	WG1580356
1,2-Dichloroethane	ND		1.00	1	11/21/2020 17:33	WG1580356
(S) Toluene-d8	*105*		*80.0-120*		*11/21/2020 17:33*	WG1580356
(S) 4-Bromofluorobenzene	*90.1*		*77.0-126*		*11/21/2020 17:33*	WG1580356
(S) 1,2-Dichloroethane-d4	*94.3*		*70.0-130*		*11/21/2020 17:33*	WG1580356

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/21/2020 17:54	WG1580356
Toluene	ND		1.00	1	11/21/2020 17:54	WG1580356
Ethylbenzene	ND		1.00	1	11/21/2020 17:54	WG1580356
Total Xylenes	ND		3.00	1	11/21/2020 17:54	WG1580356
Methyl tert-butyl ether	ND		1.00	1	11/21/2020 17:54	WG1580356
Naphthalene	ND	C3	5.00	1	11/21/2020 17:54	WG1580356
1,2-Dichloroethane	ND		1.00	1	11/21/2020 17:54	WG1580356
(S) Toluene-d8	*113*		*80.0-120*		*11/21/2020 17:54*	WG1580356
(S) 4-Bromofluorobenzene	*94.6*		*77.0-126*		*11/21/2020 17:54*	WG1580356
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*11/21/2020 17:54*	WG1580356

Method Blank (MB)

(MB) R3595331-3 11/19/20 06:40

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	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*

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

(LCS) R3595331-1 11/19/20 05:43 • (LCSD) R3595331-2 11/19/20 06:02

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	5.55	5.63	111	113	70.0-130			1.43	20
1,2-Dichloroethane	5.00	5.34	5.84	107	117	70.0-130			8.94	20
Ethylbenzene	5.00	5.76	6.01	115	120	70.0-130			4.25	20
Methyl tert-butyl ether	5.00	5.47	5.41	109	108	70.0-130			1.10	20
Naphthalene	5.00	4.29	4.74	85.8	94.8	70.0-130			9.97	20
Toluene	5.00	5.23	5.48	105	110	70.0-130			4.67	20
Xylenes, Total	15.0	17.4	17.6	116	117	70.0-130			1.14	20
(S) Toluene-d8				*105*	*108*	*80.0-120*				
(S) 4-Bromofluorobenzene				*103*	*102*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*113*	*109*	*70.0-130*				

Method Blank (MB)

(MB) R3595729-2 11/19/20 17:59

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	*99.7*			*80.0-120*
(S) 4-Bromofluorobenzene	*108*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3595729-1 11/19/20 17:18

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.80	96.0	70.0-130	
1,2-Dichloroethane	5.00	5.80	116	70.0-130	
Ethylbenzene	5.00	4.73	94.6	70.0-130	
Methyl tert-butyl ether	5.00	5.63	113	70.0-130	
Naphthalene	5.00	5.11	102	70.0-130	
Toluene	5.00	4.28	85.6	70.0-130	
Xylenes, Total	15.0	13.2	88.0	70.0-130	
(S) Toluene-d8			*85.8*	*80.0-120*	
(S) 4-Bromofluorobenzene			*90.3*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*116*	*70.0-130*	

Method Blank (MB)

(MB) R3596286-2 11/21/20 11:20

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	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*88.4*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3596286-1 11/21/20 10:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.14	103	70.0-130	
1,2-Dichloroethane	5.00	4.60	92.0	70.0-130	
Ethylbenzene	5.00	5.25	105	70.0-130	
Methyl tert-butyl ether	5.00	4.75	95.0	70.0-130	
Naphthalene	5.00	5.32	106	70.0-130	
Toluene	5.00	5.09	102	70.0-130	
Xylenes, Total	15.0	15.6	104	70.0-130	
(S) Toluene-d8			*99.9*	*80.0-120*	
(S) 4-Bromofluorobenzene			*90.8*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*91.0*	*70.0-130*	

Method Blank (MB)

(MB) R3596081-3 11/21/20 16:53

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	*88.5*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*96.4*			*70.0-130*

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

(LCS) R3596081-1 11/21/20 15:32 • (LCSD) R3596081-2 11/21/20 15:52

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	4.75	4.98	95.0	99.6	70.0-130			4.73	20
1,2-Dichloroethane	5.00	4.97	5.21	99.4	104	70.0-130			4.72	20
Ethylbenzene	5.00	5.06	5.29	101	106	70.0-130			4.44	20
Methyl tert-butyl ether	5.00	4.52	4.38	90.4	87.6	70.0-130			3.15	20
Naphthalene	5.00	3.96	4.08	79.2	81.6	70.0-130			2.99	20
Toluene	5.00	5.18	5.44	104	109	70.0-130			4.90	20
Xylenes, Total	15.0	14.4	15.2	96.0	101	70.0-130			5.41	20
(S) Toluene-d8				*108*	*111*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.7*	*94.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*97.9*	*98.3*	*70.0-130*				

Method Blank (MB)

(MB) R3596082-3 11/21/20 16:53

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	*88.5*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*96.4*			*70.0-130*

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

(LCS) R3596082-1 11/21/20 15:32 • (LCSD) R3596082-2 11/21/20 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	4.75	4.98	95.0	99.6	70.0-130			4.73	20
1,2-Dichloroethane	5.00	4.97	5.21	99.4	104	70.0-130			4.72	20
Ethylbenzene	5.00	5.06	5.29	101	106	70.0-130			4.44	20
Methyl tert-butyl ether	5.00	4.52	4.38	90.4	87.6	70.0-130			3.15	20
Naphthalene	5.00	3.96	4.08	79.2	81.6	70.0-130			2.99	20
Toluene	5.00	5.18	5.44	104	109	70.0-130			4.90	20
Xylenes, Total	15.0	14.4	15.2	96.0	101	70.0-130			5.41	20
(S) Toluene-d8				*108*	*111*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.7*	*94.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*97.9*	*98.3*	*70.0-130*				

Method Blank (MB)

(MB) R3596263-2 11/23/20 00:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Ethylbenzene	U		0.137	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*94.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*89.2*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3596263-1 11/22/20 23:09

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.87	97.4	70.0-130	
Ethylbenzene	5.00	5.40	108	70.0-130	
Toluene	5.00	5.11	102	70.0-130	
Xylenes, Total	15.0	16.0	107	70.0-130	
(S) Toluene-d8			*104*	*80.0-120*	
(S) 4-Bromofluorobenzene			*103*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*90.4*	*70.0-130*	

Method Blank (MB)

(MB) R3596844-2 11/23/20 23:37

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	*106*			*80.0-120*
(S) 4-Bromofluorobenzene	*95.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3596844-1 11/23/20 22:56

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.30	106	70.0-130	
1,2-Dichloroethane	5.00	5.19	104	70.0-130	
Ethylbenzene	5.00	5.24	105	70.0-130	
Methyl tert-butyl ether	5.00	5.18	104	70.0-130	
Naphthalene	5.00	4.56	91.2	70.0-130	
Toluene	5.00	5.28	106	70.0-130	
Xylenes, Total	15.0	16.2	108	70.0-130	
(S) Toluene-d8			*107*	*80.0-120*	
(S) 4-Bromofluorobenzene			*96.1*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*99.1*	*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.

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.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.

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	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	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	9980939910
Montana	CERT0086	Wyoming	A2LA

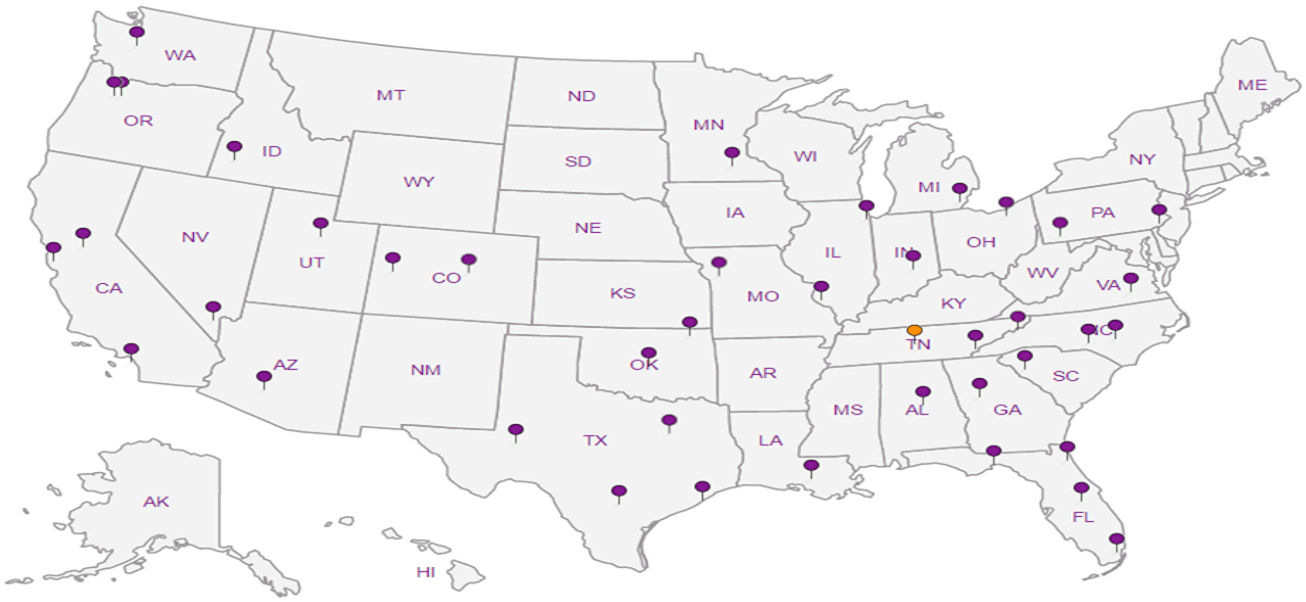
Third Party Federal Accreditations

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.



Chain of Custody Page 1 of 5

Pace Analytical® National Center for Testing & Innovation

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

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 Groundwater

City/State Collected: BELTON, SC

Please Circle: PT MT CT (ET)

Phone: 404-751-5651

Client Project #: KMLOOM20

Lab Project #: KINCH2MGA-LEWIS12

Collected by (print): TH, CS, AF

Site/Facility ID #

P.O. #

Collected by (signature): [signature]

Quote #

Rush? (Lab MUST Be Notified)
___ 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 ✓

SDG # 1285569
J240

Acctnum: KINCH2MGA
Template: T171260
Prelogin: P808207
PM: 526 - Chris McCord
PB: 11-3-2020

Shipped Via: FedEX Ground

Analysis / Container / Preservative: V8260BTEXMNSC 40mlAmb-HCl; V8260BTEXMNSC-TB 40mlAmb-HCl-Blk

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-01B-111220	G	GW		11-12-20	0940	3	✓			-01
MW-01-111220	↓	GW		↓	0930	↓	↓			02
MW-27B-111220	↓	GW		↓	0945	↓	↓			03
MW-27-111220	↓	GW		↓	0950	↓	↓			04
MW-12-111220	↓	GW		↓	1005	↓	↓			05
MW-12B-111220	↓	GW		↓	1010	↓	↓			06
MW-28-111220	↓	GW		↓	1015	↓	↓			07
MW-35-111220	↓	GW		↓	1025	↓	↓			08
MW-25-111220	↓	GW		↓	1030	↓	↓			09
MW-25B-111220	↓	GW		↓	1035	↓	↓			10

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

Remarks: V8260BTEXMNSC = BTEX, MTBE, Napthalene, and 1,2-DCA.

pH ______ Temp ______
Flow ______ Other ______

Samples returned via: __ UPS __ FedEx __ Courier ________

Tracking # 3988 7259 6465
9348 1600 0997

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)	Date:	Time:	Received by: (Signature)		
[signature]	11-12-20	1900		Trip Blank Received: (Yes) / No HCL / MeoH TBR 2	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: .8+0=.8 °C	Bottles Received: 140
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) K. Holderbaum	Date: 11/13/20	Time: 9:00

If preservation required by Login: Date/Time

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

Report to: Bethany Garvey

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

Project Description: Lewis Drive Groundwater

City/State Collected:

Please Circle: PT MT CT ET

Phone: 404-751-5651

Client Project # PCG

Lab Project # KINCH2MGA-LEWIS12

Collected by (print):

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

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

Analysis / Container / Preservative

V8260BTEXMNSC 40mlAmb-HCl
V8260BTEXMNSC-TB 40mlAmb-HCl-Blk

Chain of Custody Page 2 of 5

Pace Analytical®
National Center for Testing & Innovation

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

SDG # 128556 9

Table #

Acctnum: KINCH2MGA

Template: T171260

Prelogin: P808207

PM: 526 - Chris McCord

PB: 11-3-2020 GW

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	Remarks	Sample # (lab only)
MW-42-111220	G	GW		11-12-20	1040	3		11
MW-41-111220		GW			1045			12
MW-41-D-111220		GW			1050			13
MW-40-111220		GW			1055			14
MW-39-111220		GW			1100			15
MW-15-111220		GW			1105			16
MW-15B-111220		GW			1110			17
MW-15B-D-111220		GW			1115			18
MW-24B-111220		GW			1315		@1315	19
MW-24-111220		GW			1320		@1320	20

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

Remarks: V8260BTEXMNSC = BTEX, MTBE, Napthalene, and 1,2-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 Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: (Yes) / No HCL / MeoH TBR	
	11-12-20	1900			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: .8+0=.8 °C	Bottles Received: 14U
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) R. Holderbaum	Date: 11/13/20	Time: 9:02

If preservation required by Login: Date/Time

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

Report to: Bethany Garvey

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

Project Description: Lewis Drive Groundwater

City/State Collected:

Please Circle: PT MT CT ET

Phone: 404-751-5651

Client Project # PG1

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): SEE

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

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

Analysis / Container / Preservative

Chain of Custody Page 3 of 5

Pace Analytical® National Center for Testing & Innovation

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

SDG # 1285569

Table #

Acctnum: KINCH2MGA

Template: T171260

Prelogin: P808207

PM: 526 - Chris McCord

PB: 11-3-20 dm

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-38-111220	G	GW		11-12-20	1325	3	✓			21
MW-38B-111220		GW			1335					22
MW-37-111220		GW			1330					23
MW-48B-111220		GW			1340					24
MW-52-111220		GW			1345					25
MW-51-111220		GW			1350					26
MW-14B-111220		GW			1400					27
MW-14-111220		GW			1405					28
MW-13B-111220		GW			1410					29
MW-50B-111220		GW			1435		✓			30

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

Remarks: V8260BTEXMNSC = BTEX, MTBE, Napthalene, and 1,2-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 Headspace:	✓Y __N
Preservation Correct/Checked:	✓Y __N
RAD Screen <0.5 mR/hr:	✓Y __N

	Date:	Time:		
Relinquished by: (Signature)	11-12-20	1900	Received by: (Signature)	Trip Blank Received: (Yes) / No HCL / MeoH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.6 °C Bottles Received: 140
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) K Henderson	Date: 11/13/20 Time: 9:02

If preservation required by Login: Date/Time

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

Report to: Bethany Garvey

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

Project Description: Lewis Drive Groundwater

City/State Collected:

Please Circle: PT MT CT ET

Phone: 404-751-5651

Client Project # PG1

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): SBE

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-33T-111220	G	GW		11-12-20	1445	3	✓			31
MW-47-111220		GW			1450					32
MW-04-111220		GW			1510					33
MW-54-111220		GW			1520					34
MW-53-111220		GW			1525					35
MW-32-111220		GW			1535					36
MW-09-111220		GW			1600					37
MW-09B-111220		GW			1605					38
MW-06B-111220		GW			1625					39
MW-36-111220		GW			1640					40

Analysis / Container / Preservative

Chain of Custody Page 4 of 5

Pace Analytical® National Center for Testing & Innovation

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

SDG # 128556

Table #

Acctnum: KINCH2MGA

Template: T171260

Prelogin: P808207

PM: 526 - Chris McCord

PB: 11-3-20 6m

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, MTBE, Napthalene, and 1,2-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 Headspace:		✓Y __N
Preservation Correct/Checked:		__Y ✓N
RAD Screen <0.5 mR/hr:		✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	11-12-20	1900			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 0.8 °C Bottles Received: 14	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11/13/20 Time: 9:02	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

Report to: Bethany Garvey

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

Project Description: Lewis Drive Groundwater

City/State Collected:

Please Circle: PT MT CT ET

Phone: 404-751-5651

Client Project # GA

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): SFF

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

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

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40ml Amb-HCl	V8260BTEXMNSC-TB 40ml Amb-HCl-Blk	Remarks	Sample # (lab only)
MW-36-D-111220	G	GW		11-12-20	1645	3	✓			41
MW-36B-111220		GW			1700					42
MW-55-111220		GW			1715					43
MW-18-111220		GW			1730					44
MW-07-111220		GW			1645					45
FB-01-111220		GW			1750					46
DB-01-111220		GW			1800	2		✓		47
DB-01-111220	↓	GW		↓	1805	2		✓		48
		GW								
		GW								

Chain of Custody Page 5 of 5

Pace Analytical®
National Center for Testing & Innovation

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

SDG # 128564

Table #

Acctnum: KINCH2MGA
Template: T171260
Prelogin: P808207
PM: 526 - Chris McCord
PB: 11-3-2020

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, MTBE, Napthalene, and 1,2-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 Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Relinquished by : (Signature)	11-12-20	1900			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.6 °C .8±0.8 Bottles Received: 14	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11/13/20 Time: 9:00	Hold: Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

August 14, 2020

Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L1248208
Samples Received:	08/07/2020
Project Number:	KMLDOM20
Description:	Lewis Drive Surface Water

Report To:

Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:

Chris McCord
Project Manager

TABLE OF CONTENTS

SW11-080620 L1248208-01 GW

Collected by: TH/AF | Collected date/time: 08/06/20 10:20 | Received date/time: 08/07/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1524571	1	08/12/20 13:54	08/12/20 13:54	ADM	Mt. Juliet, TN

SW10-080620 L1248208-02 GW

Collected by: TH/AF | Collected date/time: 08/06/20 10:30 | Received date/time: 08/07/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1524571	1	08/12/20 14:14	08/12/20 14:14	ADM	Mt. Juliet, TN

SW09-080620 L1248208-03 GW

Collected by: TH/AF | Collected date/time: 08/06/20 10:40 | Received date/time: 08/07/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1524571	1	08/12/20 14:33	08/12/20 14:33	ADM	Mt. Juliet, TN

SW08-080620 L1248208-04 GW

Collected by: TH/AF | Collected date/time: 08/06/20 10:50 | Received date/time: 08/07/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1524571	1	08/12/20 14:53	08/12/20 14:53	ADM	Mt. Juliet, TN

SW13-080620 L1248208-05 GW

Collected by: TH/AF | Collected date/time: 08/06/20 11:20 | Received date/time: 08/07/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1524571	1	08/12/20 15:13	08/12/20 15:13	ADM	Mt. Juliet, TN

SW04-080620 L1248208-06 GW

Collected by: TH/AF | Collected date/time: 08/06/20 11:30 | Received date/time: 08/07/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1524571	1	08/12/20 15:33	08/12/20 15:33	ADM	Mt. Juliet, TN

SW02-080620 L1248208-07 GW

Collected by: TH/AF | Collected date/time: 08/06/20 11:35 | Received date/time: 08/07/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1524571	1	08/12/20 15:52	08/12/20 15:52	ADM	Mt. Juliet, TN

SW01-080620 L1248208-08 GW

Collected by: TH/AF | Collected date/time: 08/06/20 11:45 | Received date/time: 08/07/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1524580	1	08/12/20 19:29	08/12/20 19:29	JCP	Mt. Juliet, TN

SW07-080620 L1248208-09 GW

Collected by: TH/AF | Collected date/time: 08/06/20 11:50 | Received date/time: 08/07/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1524580	1	08/12/20 19:49	08/12/20 19:49	JCP	Mt. Juliet, TN

SW12-080620 L1248208-10 GW

Collected by: TH/AF | Collected date/time: 08/06/20 12:15 | Received date/time: 08/07/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1524580	1	08/12/20 20:09	08/12/20 20:09	JCP	Mt. Juliet, TN

SW03-080620 L1248208-11 GW

Collected by: TH/AF | Collected date/time: 08/06/20 12:25 | Received date/time: 08/07/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1524580	1	08/12/20 20:28	08/12/20 20:28	JCP	Mt. Juliet, TN

SW14-080620 L1248208-12 GW

Collected by: TH/AF | Collected date/time: 08/06/20 13:40 | Received date/time: 08/07/20 09:00

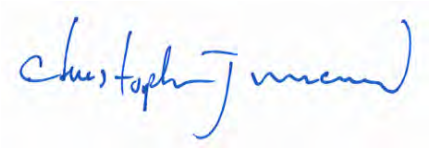
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1524580	1	08/12/20 20:48	08/12/20 20:48	JCP	Mt. Juliet, TN

TB01-080620 L1248208-13 GW

Collected by: TH/AF | Collected date/time: 08/06/20 00:00 | Received date/time: 08/07/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1524580	1	08/12/20 18:30	08/12/20 18:30	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.



Chris McCord
Project Manager

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2020 13:54	WG1524571
Toluene	ND		1.00	1	08/12/2020 13:54	WG1524571
Ethylbenzene	ND		1.00	1	08/12/2020 13:54	WG1524571
o-Xylene	ND		1.00	1	08/12/2020 13:54	WG1524571
m&p-Xylene	ND		2.00	1	08/12/2020 13:54	WG1524571
Total Xylenes	ND		3.00	1	08/12/2020 13:54	WG1524571
Methyl tert-butyl ether	ND		1.00	1	08/12/2020 13:54	WG1524571
Naphthalene	ND		5.00	1	08/12/2020 13:54	WG1524571
(S) Toluene-d8	*102*		*80.0-120*		*08/12/2020 13:54*	WG1524571
(S) 4-Bromofluorobenzene	*96.2*		*77.0-126*		*08/12/2020 13:54*	WG1524571
(S) 1,2-Dichloroethane-d4	*111*		*70.0-130*		*08/12/2020 13:54*	WG1524571

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2020 14:14	WG1524571
Toluene	ND		1.00	1	08/12/2020 14:14	WG1524571
Ethylbenzene	ND		1.00	1	08/12/2020 14:14	WG1524571
o-Xylene	ND		1.00	1	08/12/2020 14:14	WG1524571
m&p-Xylene	ND		2.00	1	08/12/2020 14:14	WG1524571
Total Xylenes	ND		3.00	1	08/12/2020 14:14	WG1524571
Methyl tert-butyl ether	ND		1.00	1	08/12/2020 14:14	WG1524571
Naphthalene	ND		5.00	1	08/12/2020 14:14	WG1524571
(S) Toluene-d8	*100*		*80.0-120*		*08/12/2020 14:14*	WG1524571
(S) 4-Bromofluorobenzene	*87.6*		*77.0-126*		*08/12/2020 14:14*	WG1524571
(S) 1,2-Dichloroethane-d4	*116*		*70.0-130*		*08/12/2020 14:14*	WG1524571

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2020 14:33	WG1524571
Toluene	ND		1.00	1	08/12/2020 14:33	WG1524571
Ethylbenzene	ND		1.00	1	08/12/2020 14:33	WG1524571
o-Xylene	ND		1.00	1	08/12/2020 14:33	WG1524571
m&p-Xylene	ND		2.00	1	08/12/2020 14:33	WG1524571
Total Xylenes	ND		3.00	1	08/12/2020 14:33	WG1524571
Methyl tert-butyl ether	ND		1.00	1	08/12/2020 14:33	WG1524571
Naphthalene	ND		5.00	1	08/12/2020 14:33	WG1524571
(S) Toluene-d8	*101*		*80.0-120*		*08/12/2020 14:33*	WG1524571
(S) 4-Bromofluorobenzene	*90.1*		*77.0-126*		*08/12/2020 14:33*	WG1524571
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*08/12/2020 14:33*	WG1524571

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2020 14:53	WG1524571
Toluene	ND		1.00	1	08/12/2020 14:53	WG1524571
Ethylbenzene	ND		1.00	1	08/12/2020 14:53	WG1524571
o-Xylene	ND		1.00	1	08/12/2020 14:53	WG1524571
m&p-Xylene	ND		2.00	1	08/12/2020 14:53	WG1524571
Total Xylenes	ND		3.00	1	08/12/2020 14:53	WG1524571
Methyl tert-butyl ether	ND		1.00	1	08/12/2020 14:53	WG1524571
Naphthalene	ND		5.00	1	08/12/2020 14:53	WG1524571
(S) Toluene-d8	*98.4*		*80.0-120*		*08/12/2020 14:53*	WG1524571
(S) 4-Bromofluorobenzene	*94.3*		*77.0-126*		*08/12/2020 14:53*	WG1524571
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*08/12/2020 14:53*	WG1524571

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2020 15:13	WG1524571
Toluene	ND		1.00	1	08/12/2020 15:13	WG1524571
Ethylbenzene	ND		1.00	1	08/12/2020 15:13	WG1524571
o-Xylene	ND		1.00	1	08/12/2020 15:13	WG1524571
m&p-Xylene	ND		2.00	1	08/12/2020 15:13	WG1524571
Total Xylenes	ND		3.00	1	08/12/2020 15:13	WG1524571
Methyl tert-butyl ether	1.53		1.00	1	08/12/2020 15:13	WG1524571
Naphthalene	ND		5.00	1	08/12/2020 15:13	WG1524571
(S) Toluene-d8	*96.0*		*80.0-120*		*08/12/2020 15:13*	WG1524571
(S) 4-Bromofluorobenzene	*87.6*		*77.0-126*		*08/12/2020 15:13*	WG1524571
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*08/12/2020 15:13*	WG1524571

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2020 15:33	WG1524571
Toluene	ND		1.00	1	08/12/2020 15:33	WG1524571
Ethylbenzene	ND		1.00	1	08/12/2020 15:33	WG1524571
o-Xylene	ND		1.00	1	08/12/2020 15:33	WG1524571
m&p-Xylene	ND		2.00	1	08/12/2020 15:33	WG1524571
Total Xylenes	ND		3.00	1	08/12/2020 15:33	WG1524571
Methyl tert-butyl ether	1.47		1.00	1	08/12/2020 15:33	WG1524571
Naphthalene	ND		5.00	1	08/12/2020 15:33	WG1524571
(S) Toluene-d8	*102*		*80.0-120*		*08/12/2020 15:33*	WG1524571
(S) 4-Bromofluorobenzene	*94.3*		*77.0-126*		*08/12/2020 15:33*	WG1524571
(S) 1,2-Dichloroethane-d4	*119*		*70.0-130*		*08/12/2020 15:33*	WG1524571

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2020 15:52	WG1524571
Toluene	ND		1.00	1	08/12/2020 15:52	WG1524571
Ethylbenzene	ND		1.00	1	08/12/2020 15:52	WG1524571
o-Xylene	ND		1.00	1	08/12/2020 15:52	WG1524571
m&p-Xylene	ND		2.00	1	08/12/2020 15:52	WG1524571
Total Xylenes	ND		3.00	1	08/12/2020 15:52	WG1524571
Methyl tert-butyl ether	1.68		1.00	1	08/12/2020 15:52	WG1524571
Naphthalene	ND		5.00	1	08/12/2020 15:52	WG1524571
(S) Toluene-d8	*101*		*80.0-120*		*08/12/2020 15:52*	WG1524571
(S) 4-Bromofluorobenzene	*88.3*		*77.0-126*		*08/12/2020 15:52*	WG1524571
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*08/12/2020 15:52*	WG1524571

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2020 19:29	WG1524580
Toluene	ND		1.00	1	08/12/2020 19:29	WG1524580
Ethylbenzene	ND		1.00	1	08/12/2020 19:29	WG1524580
o-Xylene	ND		1.00	1	08/12/2020 19:29	WG1524580
m&p-Xylene	ND		2.00	1	08/12/2020 19:29	WG1524580
Total Xylenes	ND		3.00	1	08/12/2020 19:29	WG1524580
Methyl tert-butyl ether	ND		1.00	1	08/12/2020 19:29	WG1524580
Naphthalene	ND		5.00	1	08/12/2020 19:29	WG1524580
(S) Toluene-d8	*97.0*		*80.0-120*		*08/12/2020 19:29*	WG1524580
(S) 4-Bromofluorobenzene	*89.0*		*77.0-126*		*08/12/2020 19:29*	WG1524580
(S) 1,2-Dichloroethane-d4	*112*		*70.0-130*		*08/12/2020 19:29*	WG1524580

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2020 19:49	WG1524580
Toluene	ND		1.00	1	08/12/2020 19:49	WG1524580
Ethylbenzene	ND		1.00	1	08/12/2020 19:49	WG1524580
o-Xylene	ND		1.00	1	08/12/2020 19:49	WG1524580
m&p-Xylene	ND		2.00	1	08/12/2020 19:49	WG1524580
Total Xylenes	ND		3.00	1	08/12/2020 19:49	WG1524580
Methyl tert-butyl ether	ND		1.00	1	08/12/2020 19:49	WG1524580
Naphthalene	ND		5.00	1	08/12/2020 19:49	WG1524580
(S) Toluene-d8	*98.0*		*80.0-120*		*08/12/2020 19:49*	WG1524580
(S) 4-Bromofluorobenzene	*84.1*		*77.0-126*		*08/12/2020 19:49*	WG1524580
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*08/12/2020 19:49*	WG1524580

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2020 20:09	WG1524580
Toluene	ND		1.00	1	08/12/2020 20:09	WG1524580
Ethylbenzene	ND		1.00	1	08/12/2020 20:09	WG1524580
o-Xylene	ND		1.00	1	08/12/2020 20:09	WG1524580
m&p-Xylene	ND		2.00	1	08/12/2020 20:09	WG1524580
Total Xylenes	ND		3.00	1	08/12/2020 20:09	WG1524580
Methyl tert-butyl ether	ND		1.00	1	08/12/2020 20:09	WG1524580
Naphthalene	ND		5.00	1	08/12/2020 20:09	WG1524580
(S) Toluene-d8	*103*		*80.0-120*		*08/12/2020 20:09*	WG1524580
(S) 4-Bromofluorobenzene	*88.6*		*77.0-126*		*08/12/2020 20:09*	WG1524580
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*08/12/2020 20:09*	WG1524580

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2020 20:28	WG1524580
Toluene	ND		1.00	1	08/12/2020 20:28	WG1524580
Ethylbenzene	ND		1.00	1	08/12/2020 20:28	WG1524580
o-Xylene	ND		1.00	1	08/12/2020 20:28	WG1524580
m&p-Xylene	ND		2.00	1	08/12/2020 20:28	WG1524580
Total Xylenes	ND		3.00	1	08/12/2020 20:28	WG1524580
Methyl tert-butyl ether	ND		1.00	1	08/12/2020 20:28	WG1524580
Naphthalene	ND		5.00	1	08/12/2020 20:28	WG1524580
(S) Toluene-d8	*101*		*80.0-120*		*08/12/2020 20:28*	WG1524580
(S) 4-Bromofluorobenzene	*89.8*		*77.0-126*		*08/12/2020 20:28*	WG1524580
(S) 1,2-Dichloroethane-d4	*114*		*70.0-130*		*08/12/2020 20:28*	WG1524580

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2020 20:48	WG1524580
Toluene	ND		1.00	1	08/12/2020 20:48	WG1524580
Ethylbenzene	ND		1.00	1	08/12/2020 20:48	WG1524580
o-Xylene	ND		1.00	1	08/12/2020 20:48	WG1524580
m&p-Xylene	ND		2.00	1	08/12/2020 20:48	WG1524580
Total Xylenes	ND		3.00	1	08/12/2020 20:48	WG1524580
Methyl tert-butyl ether	2.83		1.00	1	08/12/2020 20:48	WG1524580
Naphthalene	ND		5.00	1	08/12/2020 20:48	WG1524580
(S) Toluene-d8	*96.7*		*80.0-120*		*08/12/2020 20:48*	WG1524580
(S) 4-Bromofluorobenzene	*91.0*		*77.0-126*		*08/12/2020 20:48*	WG1524580
(S) 1,2-Dichloroethane-d4	*116*		*70.0-130*		*08/12/2020 20:48*	WG1524580

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	08/12/2020 18:30	WG1524580
Toluene	ND		1.00	1	08/12/2020 18:30	WG1524580
Ethylbenzene	ND		1.00	1	08/12/2020 18:30	WG1524580
o-Xylene	ND		1.00	1	08/12/2020 18:30	WG1524580
m&p-Xylene	ND		2.00	1	08/12/2020 18:30	WG1524580
Total Xylenes	ND		3.00	1	08/12/2020 18:30	WG1524580
Methyl tert-butyl ether	ND		1.00	1	08/12/2020 18:30	WG1524580
Naphthalene	ND		5.00	1	08/12/2020 18:30	WG1524580
(S) Toluene-d8	*98.0*		*80.0-120*		*08/12/2020 18:30*	WG1524580
(S) 4-Bromofluorobenzene	*90.3*		*77.0-126*		*08/12/2020 18:30*	WG1524580
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*08/12/2020 18:30*	WG1524580

Method Blank (MB)

(MB) R3559943-2 08/12/20 06:23

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL 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-Xylene	U		0.430	2.00
(S) Toluene-d8	*98.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3559943-1 08/12/20 05:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.26	85.2	70.0-130	
Ethylbenzene	5.00	4.47	89.4	70.0-130	
Methyl tert-butyl ether	5.00	4.15	83.0	70.0-130	
Naphthalene	5.00	4.91	98.2	70.0-130	
Toluene	5.00	4.69	93.8	70.0-130	
Xylenes, Total	15.0	14.1	94.0	70.0-130	
o-Xylene	5.00	4.60	92.0	70.0-130	
m&p-Xylene	10.0	9.48	94.8	70.0-130	
(S) Toluene-d8			*97.3*	*80.0-120*	
(S) 4-Bromofluorobenzene			*90.8*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*109*	*70.0-130*	

Method Blank (MB)

(MB) R3559432-3 08/12/20 18:11

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL 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	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*90.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3559432-1 08/12/20 17:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.16	83.2	70.0-130	
Ethylbenzene	5.00	4.57	91.4	70.0-130	
Methyl tert-butyl ether	5.00	4.38	87.6	70.0-130	
Naphthalene	5.00	4.89	97.8	70.0-130	
Toluene	5.00	4.80	96.0	70.0-130	
Xylenes, Total	15.0	13.7	91.3	70.0-130	
o-Xylene	5.00	4.60	92.0	70.0-130	
m&p-Xylenes	10.0	9.09	90.9	70.0-130	
(S) Toluene-d8			*102*	*80.0-120*	
(S) 4-Bromofluorobenzene			*96.1*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*115*	*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.

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	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	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	9980939910
Montana	CERT0086	Wyoming	A2LA

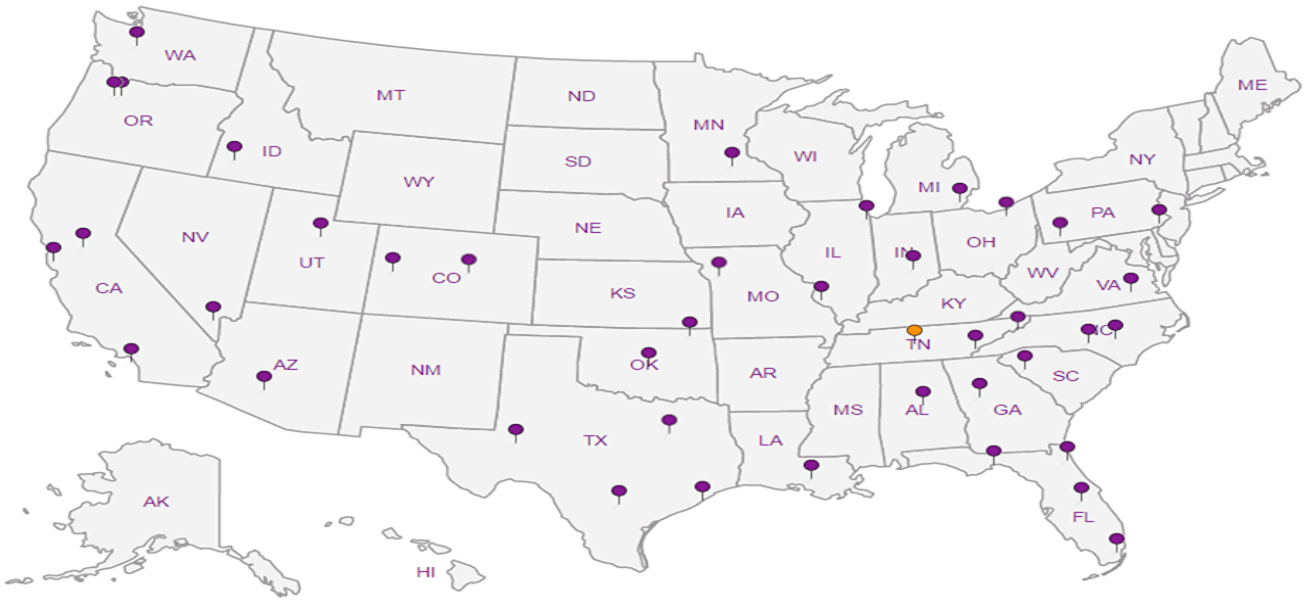
Third Party Federal Accreditations

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.



Chain of Custody Page 1 of 2

Pace Analytical® National Center for Testing & Innovation

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

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: BELTON, SC

Please Circle: PT MT CT ET

Phone: 770-604-9182

Client Project # KMLDOM20

Lab Project # KINCH2MGA-LEWIS

Site/Facility ID #

P.O. #

Collected by (print): TIHAM / A. FURNESS

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y ___

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: STANDARD TAT

SDG # L1248208
H183

Acctnum: KINCH2MGA
Template: T172193
Prelogin: P789948
PM: 526 - Chris McCord
PB: 8-4-2020 bm
Shipped Via: FedEX Standard

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	Remarks	Sample # (lab only)
SW11-080620	G	GW	–	8-6-20	1020	3	X		-01
SW10-080620	↓	GW	–	↓	1030	3	X		02
SW09-080620		GW	–		1040	3	X		03
SW08-080620		GW	–		1050	3	X		04
SW13-080620		GW	–		1120	3	X		05
SW04-080620		GW	–		1130	3	X		06
SW02-080620		GW	–		1135	3	X		07
SW01-080620		GW	–		1145	3	X		08
SW07-080620		GW	–		1150	3	X		09
SW12-080620	↓	GW	–	↓	1215	3	X		10

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

Remarks: ALSO COPY WWALDRON@jacobs.com ON REPORT

pH ______ Temp ______
Flow ______ Other ______

Samples returned via:
__ UPS __ FedEx __ Courier ________

Tracking # 1922 0811 7720

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)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
[signature]	8-6-20	1636		

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C	Bottles Received:	If preservation required by Login: Date/Time
				1.6-.1=1.5	36	

Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:	Hold:	Condition: NCF / OK
			[signature]	8-7-20	900		OK

Chain of Custody Page 2 of 2

Pace Analytical® National Center for Testing & Innovation

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

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: BELTON, SC

Please Circle: PT MT CT ET

Phone: 770-604-9182

Client Project # KMLDOM20

Lab Project # KINCH2MGA-LEWIS

Collected by (print): T. HALL / A. FURNESS

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

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: STANDARD TAT

SDG # L1248208

Table #

Acctnum: KINCH2MGA

Template: T172193

Prelogin: P789948

PM: 526 - Chris McCord

PB: 8-4-2020 GM

Shipped Via: FedEX Standard

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	Remarks	Sample # (lab only)
SW03-080620	G	GW	–	8-6-20	1225	3	X		-11
SW14-080620	G	GW	–	8-6-20	1340	3	X		12
TB01-080620	~~LAB~~	GW	–	8-6-20	LAB	~~3~~	X		13
		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:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 1920 0811 7720

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)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	
	8-6-20	1630			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.6-1=1.5 °C	Bottles Received: 36
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 8-7-20	Time: 900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

September 23, 2020

Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L1262630
Samples Received:	09/16/2020
Project Number:	KMLDOM20
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.

TABLE OF CONTENTS

SW08-091520 L1262630-01 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 11:45 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545901	1	09/19/20 12:30	09/19/20 12:30	ADM	Mt. Juliet, TN

SW04-091520 L1262630-02 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 13:55 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545901	1	09/19/20 12:49	09/19/20 12:49	ADM	Mt. Juliet, TN

SW09-091520 L1262630-03 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 11:35 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545901	1	09/19/20 13:09	09/19/20 13:09	ADM	Mt. Juliet, TN

SW10-091520 L1262630-04 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 11:25 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545901	1	09/19/20 13:28	09/19/20 13:28	ADM	Mt. Juliet, TN

SW12-091520 L1262630-05 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 14:40 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545901	1	09/19/20 14:36	09/19/20 14:36	ADM	Mt. Juliet, TN

SW11-091520 L1262630-06 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 11:15 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1547385	1	09/23/20 10:51	09/23/20 10:51	ACG	Mt. Juliet, TN

SW13-091520 L1262630-07 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 13:30 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545901	1	09/19/20 15:15	09/19/20 15:15	ADM	Mt. Juliet, TN

SW01-091520 L1262630-08 GW

Collected by: Melissa Warren | Collected date/time: 09/15/20 14:20 | Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1547385	1	09/23/20 11:12	09/23/20 11:12	ACG	Mt. Juliet, TN

SW02-091520 L1262630-09 GW

Collected by: Melissa Warren
Collected date/time: 09/15/20 14:05
Received date/time: 09/16/20 09:30

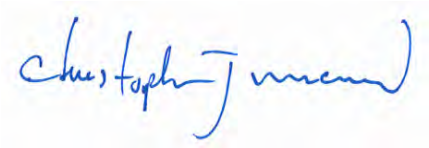
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1545901	1	09/19/20 15:54	09/19/20 15:54	ADM	Mt. Juliet, TN

SW14-091520 L1262630-10 GW

Collected by: Melissa Warren
Collected date/time: 09/15/20 15:10
Received date/time: 09/16/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1547385	1	09/23/20 11:34	09/23/20 11:34	ACG	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

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/19/2020 12:30	WG1545901
Toluene	ND		1.00	1	09/19/2020 12:30	WG1545901
Ethylbenzene	ND		1.00	1	09/19/2020 12:30	WG1545901
o-Xylene	ND		1.00	1	09/19/2020 12:30	WG1545901
m&p-Xylene	ND		2.00	1	09/19/2020 12:30	WG1545901
Total Xylenes	ND		3.00	1	09/19/2020 12:30	WG1545901
Methyl tert-butyl ether	ND		1.00	1	09/19/2020 12:30	WG1545901
Naphthalene	ND		5.00	1	09/19/2020 12:30	WG1545901
(S) Toluene-d8	*102*		*80.0-120*		*09/19/2020 12:30*	WG1545901
(S) 4-Bromofluorobenzene	*97.7*		*77.0-126*		*09/19/2020 12:30*	WG1545901
(S) 1,2-Dichloroethane-d4	*125*		*70.0-130*		*09/19/2020 12:30*	WG1545901

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/19/2020 12:49	WG1545901
Toluene	ND		1.00	1	09/19/2020 12:49	WG1545901
Ethylbenzene	ND		1.00	1	09/19/2020 12:49	WG1545901
o-Xylene	ND		1.00	1	09/19/2020 12:49	WG1545901
m&p-Xylene	ND		2.00	1	09/19/2020 12:49	WG1545901
Total Xylenes	ND		3.00	1	09/19/2020 12:49	WG1545901
Methyl tert-butyl ether	1.82		1.00	1	09/19/2020 12:49	WG1545901
Naphthalene	ND		5.00	1	09/19/2020 12:49	WG1545901
(S) Toluene-d8	*100*		*80.0-120*		*09/19/2020 12:49*	WG1545901
(S) 4-Bromofluorobenzene	*93.5*		*77.0-126*		*09/19/2020 12:49*	WG1545901
(S) 1,2-Dichloroethane-d4	*121*		*70.0-130*		*09/19/2020 12:49*	WG1545901

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/19/2020 13:09	WG1545901
Toluene	ND		1.00	1	09/19/2020 13:09	WG1545901
Ethylbenzene	ND		1.00	1	09/19/2020 13:09	WG1545901
o-Xylene	ND		1.00	1	09/19/2020 13:09	WG1545901
m&p-Xylene	ND		2.00	1	09/19/2020 13:09	WG1545901
Total Xylenes	ND		3.00	1	09/19/2020 13:09	WG1545901
Methyl tert-butyl ether	ND		1.00	1	09/19/2020 13:09	WG1545901
Naphthalene	ND		5.00	1	09/19/2020 13:09	WG1545901
(S) Toluene-d8	*98.5*		*80.0-120*		*09/19/2020 13:09*	WG1545901
(S) 4-Bromofluorobenzene	*95.4*		*77.0-126*		*09/19/2020 13:09*	WG1545901
(S) 1,2-Dichloroethane-d4	*130*		*70.0-130*		*09/19/2020 13:09*	WG1545901

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/19/2020 13:28	WG1545901
Toluene	ND		1.00	1	09/19/2020 13:28	WG1545901
Ethylbenzene	ND		1.00	1	09/19/2020 13:28	WG1545901
o-Xylene	ND		1.00	1	09/19/2020 13:28	WG1545901
m&p-Xylene	ND		2.00	1	09/19/2020 13:28	WG1545901
Total Xylenes	ND		3.00	1	09/19/2020 13:28	WG1545901
Methyl tert-butyl ether	ND		1.00	1	09/19/2020 13:28	WG1545901
Naphthalene	ND		5.00	1	09/19/2020 13:28	WG1545901
(S) Toluene-d8	*98.4*		*80.0-120*		*09/19/2020 13:28*	WG1545901
(S) 4-Bromofluorobenzene	*94.8*		*77.0-126*		*09/19/2020 13:28*	WG1545901
(S) 1,2-Dichloroethane-d4	*128*		*70.0-130*		*09/19/2020 13:28*	WG1545901

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/19/2020 14:36	WG1545901
Toluene	ND		1.00	1	09/19/2020 14:36	WG1545901
Ethylbenzene	ND		1.00	1	09/19/2020 14:36	WG1545901
o-Xylene	ND		1.00	1	09/19/2020 14:36	WG1545901
m&p-Xylene	ND		2.00	1	09/19/2020 14:36	WG1545901
Total Xylenes	ND		3.00	1	09/19/2020 14:36	WG1545901
Methyl tert-butyl ether	ND		1.00	1	09/19/2020 14:36	WG1545901
Naphthalene	ND		5.00	1	09/19/2020 14:36	WG1545901
(S) Toluene-d8	*101*		*80.0-120*		*09/19/2020 14:36*	WG1545901
(S) 4-Bromofluorobenzene	*97.6*		*77.0-126*		*09/19/2020 14:36*	WG1545901
(S) 1,2-Dichloroethane-d4	*130*		*70.0-130*		*09/19/2020 14:36*	WG1545901

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/23/2020 10:51	WG1547385
Toluene	ND		1.00	1	09/23/2020 10:51	WG1547385
Ethylbenzene	ND		1.00	1	09/23/2020 10:51	WG1547385
o-Xylene	ND		1.00	1	09/23/2020 10:51	WG1547385
m&p-Xylene	ND		2.00	1	09/23/2020 10:51	WG1547385
Total Xylenes	ND		3.00	1	09/23/2020 10:51	WG1547385
Methyl tert-butyl ether	ND		1.00	1	09/23/2020 10:51	WG1547385
Naphthalene	ND		5.00	1	09/23/2020 10:51	WG1547385
(S) Toluene-d8	*99.7*		*80.0-120*		*09/23/2020 10:51*	WG1547385
(S) 4-Bromofluorobenzene	*87.7*		*77.0-126*		*09/23/2020 10:51*	WG1547385
(S) 1,2-Dichloroethane-d4	*111*		*70.0-130*		*09/23/2020 10:51*	WG1547385

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/19/2020 15:15	WG1545901
Toluene	ND		1.00	1	09/19/2020 15:15	WG1545901
Ethylbenzene	ND		1.00	1	09/19/2020 15:15	WG1545901
o-Xylene	ND		1.00	1	09/19/2020 15:15	WG1545901
m&p-Xylene	ND		2.00	1	09/19/2020 15:15	WG1545901
Total Xylenes	ND		3.00	1	09/19/2020 15:15	WG1545901
Methyl tert-butyl ether	2.18		1.00	1	09/19/2020 15:15	WG1545901
Naphthalene	ND		5.00	1	09/19/2020 15:15	WG1545901
(S) Toluene-d8	*99.1*		*80.0-120*		*09/19/2020 15:15*	WG1545901
(S) 4-Bromofluorobenzene	*97.1*		*77.0-126*		*09/19/2020 15:15*	WG1545901
(S) 1,2-Dichloroethane-d4	*130*		*70.0-130*		*09/19/2020 15:15*	WG1545901

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/23/2020 11:12	WG1547385
Toluene	ND		1.00	1	09/23/2020 11:12	WG1547385
Ethylbenzene	ND		1.00	1	09/23/2020 11:12	WG1547385
o-Xylene	ND		1.00	1	09/23/2020 11:12	WG1547385
m&p-Xylene	ND		2.00	1	09/23/2020 11:12	WG1547385
Total Xylenes	ND		3.00	1	09/23/2020 11:12	WG1547385
Methyl tert-butyl ether	ND		1.00	1	09/23/2020 11:12	WG1547385
Naphthalene	ND		5.00	1	09/23/2020 11:12	WG1547385
(S) Toluene-d8	*103*		*80.0-120*		*09/23/2020 11:12*	WG1547385
(S) 4-Bromofluorobenzene	*90.3*		*77.0-126*		*09/23/2020 11:12*	WG1547385
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*09/23/2020 11:12*	WG1547385

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	1.22		1.00	1	09/19/2020 15:54	WG1545901
Toluene	ND		1.00	1	09/19/2020 15:54	WG1545901
Ethylbenzene	ND		1.00	1	09/19/2020 15:54	WG1545901
o-Xylene	ND		1.00	1	09/19/2020 15:54	WG1545901
m&p-Xylene	ND		2.00	1	09/19/2020 15:54	WG1545901
Total Xylenes	ND		3.00	1	09/19/2020 15:54	WG1545901
Methyl tert-butyl ether	2.19		1.00	1	09/19/2020 15:54	WG1545901
Naphthalene	ND		5.00	1	09/19/2020 15:54	WG1545901
(S) Toluene-d8	*98.4*		*80.0-120*		*09/19/2020 15:54*	WG1545901
(S) 4-Bromofluorobenzene	*95.4*		*77.0-126*		*09/19/2020 15:54*	WG1545901
(S) 1,2-Dichloroethane-d4	*125*		*70.0-130*		*09/19/2020 15:54*	WG1545901

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	09/23/2020 11:34	WG1547385
Toluene	ND		1.00	1	09/23/2020 11:34	WG1547385
Ethylbenzene	ND		1.00	1	09/23/2020 11:34	WG1547385
o-Xylene	ND		1.00	1	09/23/2020 11:34	WG1547385
m&p-Xylene	ND		2.00	1	09/23/2020 11:34	WG1547385
Total Xylenes	ND		3.00	1	09/23/2020 11:34	WG1547385
Methyl tert-butyl ether	ND		1.00	1	09/23/2020 11:34	WG1547385
Naphthalene	ND		5.00	1	09/23/2020 11:34	WG1547385
(S) Toluene-d8	*101*		*80.0-120*		*09/23/2020 11:34*	WG1547385
(S) 4-Bromofluorobenzene	*86.4*		*77.0-126*		*09/23/2020 11:34*	WG1547385
(S) 1,2-Dichloroethane-d4	*111*		*70.0-130*		*09/23/2020 11:34*	WG1547385

Method Blank (MB)

(MB) R3573205-2 09/19/20 10:57

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL 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	*97.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*93.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*125*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3573205-1 09/19/20 10:18

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.73	94.6	70.0-130	
Ethylbenzene	5.00	4.84	96.8	70.0-130	
Methyl tert-butyl ether	5.00	4.90	98.0	70.0-130	
Naphthalene	5.00	4.25	85.0	70.0-130	
Toluene	5.00	4.46	89.2	70.0-130	
Xylenes, Total	15.0	14.0	93.3	70.0-130	
o-Xylene	5.00	4.66	93.2	70.0-130	
m&p-Xylenes	10.0	9.35	93.5	70.0-130	
(S) Toluene-d8			*96.9*	*80.0-120*	
(S) 4-Bromofluorobenzene			*95.6*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*123*	*70.0-130*	

Method Blank (MB)

(MB) R3573623-3 09/23/20 04:47

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL 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	*89.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3573623-1 09/23/20 03:42

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.15	103	70.0-130	
Ethylbenzene	5.00	5.00	100	70.0-130	
Methyl tert-butyl ether	5.00	4.99	99.8	70.0-130	
Naphthalene	5.00	5.87	117	70.0-130	
Toluene	5.00	5.46	109	70.0-130	
Xylenes, Total	15.0	14.1	94.0	70.0-130	
o-Xylene	5.00	4.65	93.0	70.0-130	
m&p-Xylenes	10.0	9.48	94.8	70.0-130	
(S) Toluene-d8			*102*	*80.0-120*	
(S) 4-Bromofluorobenzene			*94.3*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*109*	*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.

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	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	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	9980939910
Montana	CERT0086	Wyoming	A2LA

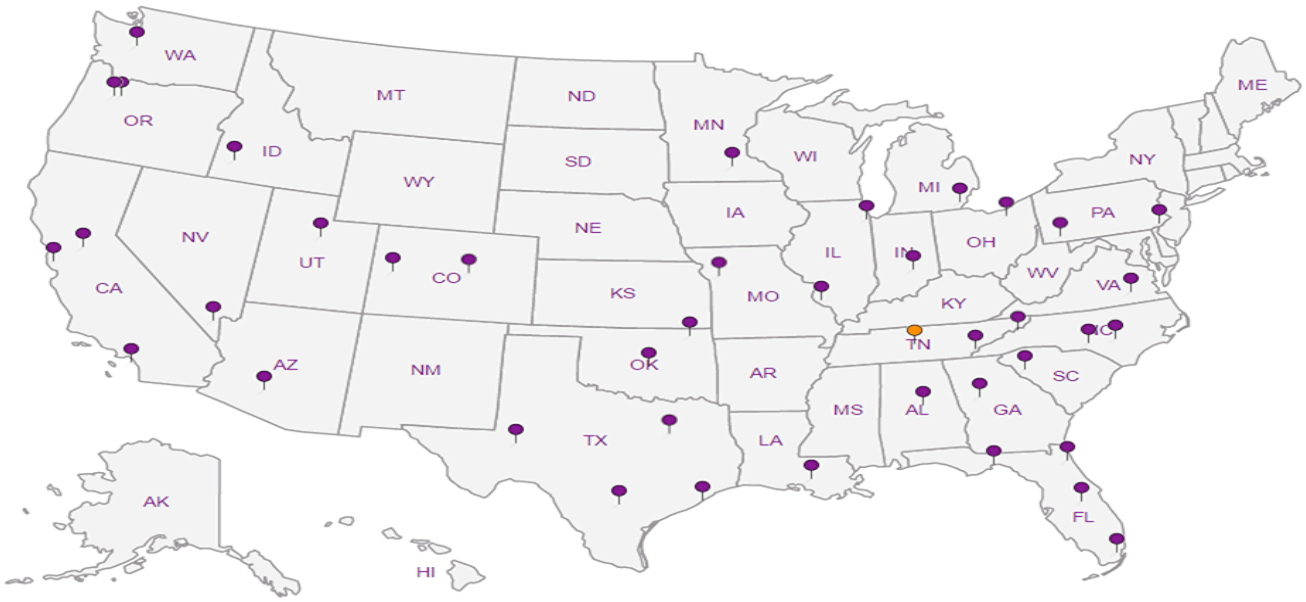
Third Party Federal Accreditations

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.



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: BELTON, SC

Please Circle: PT MT CT ET

Phone: 770-604-9182

Client Project # KMLDOM20

Lab Project # KINCH2MGA-LEWIS

Collected by (print): MELISSA WARREN

Site/Facility ID # LEWIS DRIVE

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl									Remarks	Sample # (lab only)
SW08 - 091520	GRAB	GW	NA	09/15/20	1145	3	X										-01
SW04 - 091520		GW			1355	3	X										-02
SW09 - 091520		GW			1135	3	X										-03
SW10 - 091520		GW			1125	3	X										-04
SW12 - 091520		GW			1440	3	X										-05
SW11 - 091520		GW			1115	3	X										-06
SW13 - 091520		GW			1330	3	X										-07
SW01 - 091520		GW			1420	3	X										-08
SW02 - 091520		GW			1405	3	X										-09
SW14 - 091520		GW			1510	3	X										-10

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical® National Center for Testing & Innovation

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

SDG # L1262030
E053

Acctnum: KINCH2MGA
Template: T146014
Prelogin: P796917
PM: 526 - Chris McCord
PB:

Shipped Via: FedEX Ground

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 9186 2487 9705

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)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	09/15/20				
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.5-1=1.4 °C Bottles Received: 70	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/15/20 Time: 9:30	Hold: / Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

October 31, 2020

Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L1276176
Samples Received:	10/21/2020
Project Number:	LDOM 2020
Description:	Lewis Drive Surface Water

Report To:

Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:

Chris McCord
Project Manager

TABLE OF CONTENTS

SW11-102020 L1276176-01 GW

Collected by: Alex F | Collected date/time: 10/20/20 13:25 | Received date/time: 10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1567346	1	10/29/20 04:52	10/29/20 04:52	ACG	Mt. Juliet, TN

SW10-102020 L1276176-02 GW

Collected by: Alex F | Collected date/time: 10/20/20 13:40 | Received date/time: 10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1567346	1	10/29/20 05:12	10/29/20 05:12	ACG	Mt. Juliet, TN

SW09-102020 L1276176-03 GW

Collected by: Alex F | Collected date/time: 10/20/20 14:00 | Received date/time: 10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1567346	1	10/29/20 05:32	10/29/20 05:32	ACG	Mt. Juliet, TN

SW08-102020 L1276176-04 GW

Collected by: Alex F | Collected date/time: 10/20/20 14:15 | Received date/time: 10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1567846	1	10/29/20 22:17	10/29/20 22:17	ADM	Mt. Juliet, TN

SW13-102020 L1276176-05 GW

Collected by: Alex F | Collected date/time: 10/20/20 14:30 | Received date/time: 10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1567846	1	10/29/20 22:38	10/29/20 22:38	ADM	Mt. Juliet, TN

SW04-102020 L1276176-06 GW

Collected by: Alex F | Collected date/time: 10/20/20 14:50 | Received date/time: 10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1567846	1	10/29/20 22:58	10/29/20 22:58	ADM	Mt. Juliet, TN

SW02-102020 L1276176-07 GW

Collected by: Alex F | Collected date/time: 10/20/20 15:15 | Received date/time: 10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1567846	1	10/29/20 23:19	10/29/20 23:19	ADM	Mt. Juliet, TN

SW01-102020 L1276176-08 GW

Collected by: Alex F | Collected date/time: 10/20/20 15:35 | Received date/time: 10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1567846	1	10/29/20 23:40	10/29/20 23:40	ADM	Mt. Juliet, TN

SW07-102020 L1276176-09 GW

Collected by: Alex F
Collected date/time: 10/20/20 15:45
Received date/time: 10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1567846	1	10/30/20 00:00	10/30/20 00:00	ADM	Mt. Juliet, TN

SW12-102020 L1276176-10 GW

Collected by: Alex F
Collected date/time: 10/20/20 16:05
Received date/time: 10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1567846	1	10/30/20 00:21	10/30/20 00:21	ADM	Mt. Juliet, TN

SW14-102020 L1276176-11 GW

Collected by: Alex F
Collected date/time: 10/20/20 16:35
Received date/time: 10/21/20 09:00

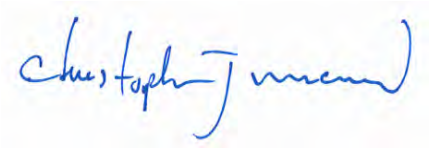
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1567846	1	10/30/20 00:42	10/30/20 00:42	ADM	Mt. Juliet, TN

TB-01-102020 L1276176-12 GW

Collected by: Alex F
Collected date/time: 10/20/20 00:00
Received date/time: 10/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1567846	1	10/29/20 20:33	10/29/20 20:33	ADM	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

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	10/29/2020 04:52	WG1567346
Toluene	ND		1.00	1	10/29/2020 04:52	WG1567346
Ethylbenzene	ND		1.00	1	10/29/2020 04:52	WG1567346
o-Xylene	ND		1.00	1	10/29/2020 04:52	WG1567346
m&p-Xylene	ND		2.00	1	10/29/2020 04:52	WG1567346
Total Xylenes	ND		3.00	1	10/29/2020 04:52	WG1567346
Methyl tert-butyl ether	ND		1.00	1	10/29/2020 04:52	WG1567346
Naphthalene	ND		5.00	1	10/29/2020 04:52	WG1567346
(S) Toluene-d8	*110*		*80.0-120*		*10/29/2020 04:52*	WG1567346
(S) 4-Bromofluorobenzene	*94.1*		*77.0-126*		*10/29/2020 04:52*	WG1567346
(S) 1,2-Dichloroethane-d4	*94.4*		*70.0-130*		*10/29/2020 04:52*	WG1567346

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	10/29/2020 05:12	WG1567346
Toluene	ND		1.00	1	10/29/2020 05:12	WG1567346
Ethylbenzene	ND		1.00	1	10/29/2020 05:12	WG1567346
o-Xylene	ND		1.00	1	10/29/2020 05:12	WG1567346
m&p-Xylene	ND		2.00	1	10/29/2020 05:12	WG1567346
Total Xylenes	ND		3.00	1	10/29/2020 05:12	WG1567346
Methyl tert-butyl ether	ND		1.00	1	10/29/2020 05:12	WG1567346
Naphthalene	ND		5.00	1	10/29/2020 05:12	WG1567346
(S) Toluene-d8	*111*		*80.0-120*		*10/29/2020 05:12*	WG1567346
(S) 4-Bromofluorobenzene	*97.4*		*77.0-126*		*10/29/2020 05:12*	WG1567346
(S) 1,2-Dichloroethane-d4	*95.8*		*70.0-130*		*10/29/2020 05:12*	WG1567346

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	10/29/2020 05:32	WG1567346
Toluene	ND		1.00	1	10/29/2020 05:32	WG1567346
Ethylbenzene	ND		1.00	1	10/29/2020 05:32	WG1567346
o-Xylene	ND		1.00	1	10/29/2020 05:32	WG1567346
m&p-Xylene	ND		2.00	1	10/29/2020 05:32	WG1567346
Total Xylenes	ND		3.00	1	10/29/2020 05:32	WG1567346
Methyl tert-butyl ether	ND		1.00	1	10/29/2020 05:32	WG1567346
Naphthalene	ND		5.00	1	10/29/2020 05:32	WG1567346
(S) Toluene-d8	*108*		*80.0-120*		*10/29/2020 05:32*	WG1567346
(S) 4-Bromofluorobenzene	*92.8*		*77.0-126*		*10/29/2020 05:32*	WG1567346
(S) 1,2-Dichloroethane-d4	*92.6*		*70.0-130*		*10/29/2020 05:32*	WG1567346

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	10/29/2020 22:17	WG1567846
Toluene	ND		1.00	1	10/29/2020 22:17	WG1567846
Ethylbenzene	ND		1.00	1	10/29/2020 22:17	WG1567846
o-Xylene	ND		1.00	1	10/29/2020 22:17	WG1567846
m&p-Xylene	ND		2.00	1	10/29/2020 22:17	WG1567846
Total Xylenes	ND		3.00	1	10/29/2020 22:17	WG1567846
Methyl tert-butyl ether	ND		1.00	1	10/29/2020 22:17	WG1567846
Naphthalene	ND	J0	5.00	1	10/29/2020 22:17	WG1567846
(S) Toluene-d8	*101*		*80.0-120*		*10/29/2020 22:17*	WG1567846
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*10/29/2020 22:17*	WG1567846
(S) 1,2-Dichloroethane-d4	*85.1*		*70.0-130*		*10/29/2020 22:17*	WG1567846

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	10/29/2020 22:38	WG1567846
Toluene	ND		1.00	1	10/29/2020 22:38	WG1567846
Ethylbenzene	ND		1.00	1	10/29/2020 22:38	WG1567846
o-Xylene	ND		1.00	1	10/29/2020 22:38	WG1567846
m&p-Xylene	ND		2.00	1	10/29/2020 22:38	WG1567846
Total Xylenes	ND		3.00	1	10/29/2020 22:38	WG1567846
Methyl tert-butyl ether	2.42		1.00	1	10/29/2020 22:38	WG1567846
Naphthalene	ND	J0	5.00	1	10/29/2020 22:38	WG1567846
(S) Toluene-d8	*103*		*80.0-120*		*10/29/2020 22:38*	WG1567846
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*10/29/2020 22:38*	WG1567846
(S) 1,2-Dichloroethane-d4	*84.6*		*70.0-130*		*10/29/2020 22:38*	WG1567846

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	10/29/2020 22:58	WG1567846
Toluene	ND		1.00	1	10/29/2020 22:58	WG1567846
Ethylbenzene	ND		1.00	1	10/29/2020 22:58	WG1567846
o-Xylene	ND		1.00	1	10/29/2020 22:58	WG1567846
m&p-Xylene	ND		2.00	1	10/29/2020 22:58	WG1567846
Total Xylenes	ND		3.00	1	10/29/2020 22:58	WG1567846
Methyl tert-butyl ether	2.31		1.00	1	10/29/2020 22:58	WG1567846
Naphthalene	ND	J0	5.00	1	10/29/2020 22:58	WG1567846
(S) Toluene-d8	*104*		*80.0-120*		*10/29/2020 22:58*	WG1567846
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*10/29/2020 22:58*	WG1567846
(S) 1,2-Dichloroethane-d4	*85.0*		*70.0-130*		*10/29/2020 22:58*	WG1567846

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	10/29/2020 23:19	WG1567846
Toluene	ND		1.00	1	10/29/2020 23:19	WG1567846
Ethylbenzene	ND		1.00	1	10/29/2020 23:19	WG1567846
o-Xylene	ND		1.00	1	10/29/2020 23:19	WG1567846
m&p-Xylene	ND		2.00	1	10/29/2020 23:19	WG1567846
Total Xylenes	ND		3.00	1	10/29/2020 23:19	WG1567846
Methyl tert-butyl ether	3.08		1.00	1	10/29/2020 23:19	WG1567846
Naphthalene	ND	J0	5.00	1	10/29/2020 23:19	WG1567846
(S) Toluene-d8	*104*		*80.0-120*		*10/29/2020 23:19*	WG1567846
(S) 4-Bromofluorobenzene	*103*		*77.0-126*		*10/29/2020 23:19*	WG1567846
(S) 1,2-Dichloroethane-d4	*85.2*		*70.0-130*		*10/29/2020 23:19*	WG1567846

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	10/29/2020 23:40	WG1567846
Toluene	ND		1.00	1	10/29/2020 23:40	WG1567846
Ethylbenzene	ND		1.00	1	10/29/2020 23:40	WG1567846
o-Xylene	ND		1.00	1	10/29/2020 23:40	WG1567846
m&p-Xylene	ND		2.00	1	10/29/2020 23:40	WG1567846
Total Xylenes	ND		3.00	1	10/29/2020 23:40	WG1567846
Methyl tert-butyl ether	ND		1.00	1	10/29/2020 23:40	WG1567846
Naphthalene	ND	J0	5.00	1	10/29/2020 23:40	WG1567846
(S) Toluene-d8	*102*		*80.0-120*		*10/29/2020 23:40*	WG1567846
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*10/29/2020 23:40*	WG1567846
(S) 1,2-Dichloroethane-d4	*85.8*		*70.0-130*		*10/29/2020 23:40*	WG1567846

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	10/30/2020 00:00	WG1567846
Toluene	ND		1.00	1	10/30/2020 00:00	WG1567846
Ethylbenzene	ND		1.00	1	10/30/2020 00:00	WG1567846
o-Xylene	ND		1.00	1	10/30/2020 00:00	WG1567846
m&p-Xylene	ND		2.00	1	10/30/2020 00:00	WG1567846
Total Xylenes	ND		3.00	1	10/30/2020 00:00	WG1567846
Methyl tert-butyl ether	ND		1.00	1	10/30/2020 00:00	WG1567846
Naphthalene	ND	J0	5.00	1	10/30/2020 00:00	WG1567846
(S) Toluene-d8	*103*		*80.0-120*		*10/30/2020 00:00*	WG1567846
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*10/30/2020 00:00*	WG1567846
(S) 1,2-Dichloroethane-d4	*85.4*		*70.0-130*		*10/30/2020 00:00*	WG1567846

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	10/30/2020 00:21	WG1567846
Toluene	ND		1.00	1	10/30/2020 00:21	WG1567846
Ethylbenzene	ND		1.00	1	10/30/2020 00:21	WG1567846
o-Xylene	ND		1.00	1	10/30/2020 00:21	WG1567846
m&p-Xylene	ND		2.00	1	10/30/2020 00:21	WG1567846
Total Xylenes	ND		3.00	1	10/30/2020 00:21	WG1567846
Methyl tert-butyl ether	ND		1.00	1	10/30/2020 00:21	WG1567846
Naphthalene	ND	J0	5.00	1	10/30/2020 00:21	WG1567846
(S) Toluene-d8	*103*		*80.0-120*		*10/30/2020 00:21*	WG1567846
(S) 4-Bromofluorobenzene	*99.5*		*77.0-126*		*10/30/2020 00:21*	WG1567846
(S) 1,2-Dichloroethane-d4	*83.1*		*70.0-130*		*10/30/2020 00:21*	WG1567846

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	10/30/2020 00:42	WG1567846
Toluene	ND		1.00	1	10/30/2020 00:42	WG1567846
Ethylbenzene	ND		1.00	1	10/30/2020 00:42	WG1567846
o-Xylene	ND		1.00	1	10/30/2020 00:42	WG1567846
m&p-Xylene	ND		2.00	1	10/30/2020 00:42	WG1567846
Total Xylenes	ND		3.00	1	10/30/2020 00:42	WG1567846
Methyl tert-butyl ether	1.40		1.00	1	10/30/2020 00:42	WG1567846
Naphthalene	ND	J0	5.00	1	10/30/2020 00:42	WG1567846
(S) Toluene-d8	*103*		*80.0-120*		*10/30/2020 00:42*	WG1567846
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*10/30/2020 00:42*	WG1567846
(S) 1,2-Dichloroethane-d4	*86.9*		*70.0-130*		*10/30/2020 00:42*	WG1567846

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	10/29/2020 20:33	WG1567846
Toluene	ND		1.00	1	10/29/2020 20:33	WG1567846
Ethylbenzene	ND		1.00	1	10/29/2020 20:33	WG1567846
o-Xylene	ND		1.00	1	10/29/2020 20:33	WG1567846
m&p-Xylene	ND		2.00	1	10/29/2020 20:33	WG1567846
Total Xylenes	ND		3.00	1	10/29/2020 20:33	WG1567846
Methyl tert-butyl ether	ND		1.00	1	10/29/2020 20:33	WG1567846
Naphthalene	ND	J0	5.00	1	10/29/2020 20:33	WG1567846
(S) Toluene-d8	*102*		*80.0-120*		*10/29/2020 20:33*	WG1567846
(S) 4-Bromofluorobenzene	*104*		*77.0-126*		*10/29/2020 20:33*	WG1567846
(S) 1,2-Dichloroethane-d4	*84.5*		*70.0-130*		*10/29/2020 20:33*	WG1567846

Method Blank (MB)

(MB) R3587220-2 10/28/20 21:08

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL 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	*110*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.0*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*91.4*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3587220-1 10/28/20 20:07

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	4.97	99.4	70.0-130	
Ethylbenzene	5.00	5.75	115	70.0-130	
Methyl tert-butyl ether	5.00	4.41	88.2	70.0-130	
Naphthalene	5.00	4.10	82.0	70.0-130	
Toluene	5.00	5.43	109	70.0-130	
Xylenes, Total	15.0	16.6	111	70.0-130	
o-Xylene	5.00	5.59	112	70.0-130	
m&p-Xylenes	10.0	11.0	110	70.0-130	
(S) Toluene-d8			*110*	*80.0-120*	
(S) 4-Bromofluorobenzene			*96.1*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*92.7*	*70.0-130*	

Method Blank (MB)

(MB) R3587931-3 10/29/20 20:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL 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	*83.3*			*70.0-130*

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

(LCS) R3587931-1 10/29/20 19:11 • (LCSD) R3587931-2 10/29/20 19:32

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	6.19	6.22	124	124	70.0-130			0.483	20
Ethylbenzene	5.00	5.82	5.62	116	112	70.0-130			3.50	20
Methyl tert-butyl ether	5.00	5.56	5.90	111	118	70.0-130			5.93	20
Naphthalene	5.00	3.53	3.76	70.6	75.2	70.0-130			6.31	20
Toluene	5.00	5.83	5.88	117	118	70.0-130			0.854	20
Xylenes, Total	15.0	17.5	17.5	117	117	70.0-130			0.000	20
o-Xylene	5.00	5.73	5.67	115	113	70.0-130			1.05	20
m&p-Xylenes	10.0	11.8	11.8	118	118	70.0-130			0.000	20
(S) Toluene-d8				*102*	*101*	*80.0-120*				
(S) 4-Bromofluorobenzene				*108*	*103*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*86.9*	*87.0*	*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.

Qualifier	Description
J0	J0: The identification of the analyte is acceptable, but the reported concentration is an estimate. The calibration met method criteria.

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	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	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	9980939910
Montana	CERT0086	Wyoming	A2LA

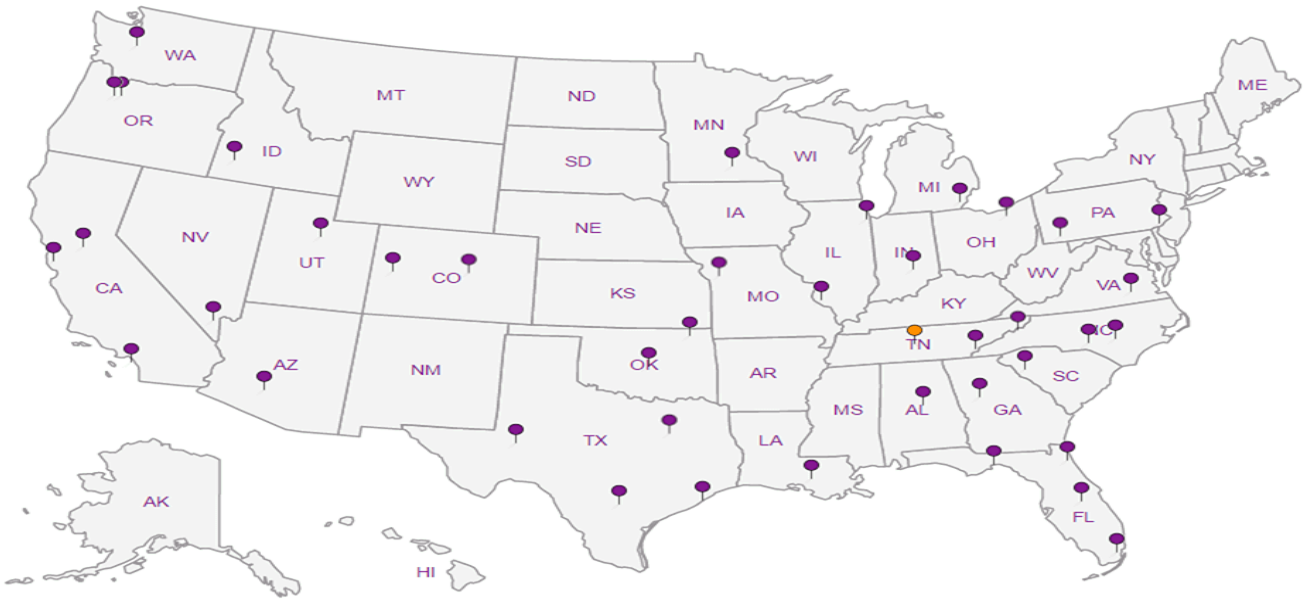
Third Party Federal Accreditations

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.



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: Belton, SC

Please Circle: PT MT CT ET

Phone: 770-604-9182

Client Project # LDOM 2020

Lab Project # KINCH2MGA-LEWIS

Collected by (print): Alex Furness

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	Remarks	Sample # (lab only)
SW11-102020		GW		10/20/20	1325	3	X		-01
SW10-102020		GW			1340	3	X		-02
SW09-102020		GW			1400	3	X		-03
SW08-102020		GW			1415	3	X		-04
SW13-102020		GW			1430	3	X		-05
SW04-102020		GW			1450	3	X		-06
SW02-102020		GW			1515	3	X		-07
~~SW02-102~~ SW01-102020		GW			1535	3	X		-08
SW07-102020		GW			1545	3	X		-09
SW12-102020		GW			1605	3	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.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 1663 5752 7585

Relinquished by : (Signature) — Date: 10/20/20 — Time: 1700

Received by: (Signature)

Trip Blank Received: Yes / No — HCl / MeoH — TBR

Relinquished by : (Signature) — Date: — Time:

Received by: (Signature)

Temp: 4.3 °C — Bottles Received: 33

If preservation required by Login: Date/Time

Relinquished by : (Signature) — Date: — Time:

Received for lab by: (Signature) — Date: 10/21/2020 — Time: 09:00

Hold: — Condition: NCF / OK

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

Chain of Custody Page 1 of 2

Pace Analytical® National Center for Testing & Innovation

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

SDG # L1276176
1068

Acctnum: KINCH2MGA
Template: T155770
Prelogin: P776494
PM: 526 - Chris McCord
PB: 6-1-2020 GM
Shipped Via: FedEx Ground

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: Belton, SC

Please Circle: PT MT CT ET

Phone: 770-604-9182

Client Project # LDOM 2020

Lab Project # KINCH2MGA-LEWIS

Collected by (print): Alex Furness

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	K										
SW 14-102020		GW		10/20/20	1635	3	X										-11	
TB-01-102020		GW		10/20/20		3	X										-12	
		GW				3	X											
		GW				3	X											
		GW				3	X											

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
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SDG # L1276176

Table #

Acctnum: KINCH2MGA

Template: T155770

Prelogin: P776494

PM: 526 - Chris McCord

PB: 6-1-2020 GA

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.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 1663 5752 7545

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: X Y __N
Preservation Correct/Checked: X Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	10/20/2020	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.3 °C Bottles Received: 4.5-0.2=4.3	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10/21/2020 Time: 09:00	Hold: / Condition: NCF OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

November 23, 2020

Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L1285178
Samples Received:	11/12/2020
Project Number:	
Description:	Lewis Drive Surface Water

Report To:

Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:

Jason Romer
Project Manager

TABLE OF CONTENTS

SW11-111120 L1285178-01 GW

Collected by: Alex F | Collected date/time: 11/11/20 10:35 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1579901	1	11/20/20 21:24	11/20/20 21:24	ADM	Mt. Juliet, TN

SW10-111120 L1285178-02 GW

Collected by: Alex F | Collected date/time: 11/11/20 10:45 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	1	11/19/20 00:57	11/19/20 00:57	JHH	Mt. Juliet, TN

SW09-111120 L1285178-03 GW

Collected by: Alex F | Collected date/time: 11/11/20 10:55 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	1	11/19/20 01:16	11/19/20 01:16	JHH	Mt. Juliet, TN

SW08-111120 L1285178-04 GW

Collected by: Alex F | Collected date/time: 11/11/20 11:05 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	1	11/19/20 01:35	11/19/20 01:35	JHH	Mt. Juliet, TN

SW13-111120 L1285178-05 GW

Collected by: Alex F | Collected date/time: 11/11/20 11:30 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	1	11/19/20 01:54	11/19/20 01:54	JHH	Mt. Juliet, TN

SW04-111120 L1285178-06 GW

Collected by: Alex F | Collected date/time: 11/11/20 11:40 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	1	11/19/20 02:13	11/19/20 02:13	JHH	Mt. Juliet, TN

SW02-111120 L1285178-07 GW

Collected by: Alex F | Collected date/time: 11/11/20 11:45 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	1	11/19/20 02:32	11/19/20 02:32	JHH	Mt. Juliet, TN

SW01-111120 L1285178-08 GW

Collected by: Alex F | Collected date/time: 11/11/20 11:50 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	1	11/19/20 02:51	11/19/20 02:51	JHH	Mt. Juliet, TN

SW07-111120 L1285178-09 GW

Collected by: Alex F | Collected date/time: 11/11/20 11:55 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	1	11/19/20 03:10	11/19/20 03:10	JHH	Mt. Juliet, TN

SW12-111120 L1285178-10 GW

Collected by: Alex F | Collected date/time: 11/11/20 12:05 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578780	1	11/19/20 03:29	11/19/20 03:29	JHH	Mt. Juliet, TN

SW03-111120 L1285178-11 GW

Collected by: Alex F | Collected date/time: 11/11/20 12:15 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578939	1	11/19/20 10:17	11/19/20 10:17	ACG	Mt. Juliet, TN

SW14-111120 L1285178-12 GW

Collected by: Alex F | Collected date/time: 11/11/20 12:40 | Received date/time: 11/12/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1578939	1	11/19/20 10:36	11/19/20 10:36	ACG	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.

Jason Romer
Project Manager

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/20/2020 21:24	WG1579901
Toluene	ND		1.00	1	11/20/2020 21:24	WG1579901
Ethylbenzene	ND		1.00	1	11/20/2020 21:24	WG1579901
o-Xylene	ND		1.00	1	11/20/2020 21:24	WG1579901
m&p-Xylene	ND		2.00	1	11/20/2020 21:24	WG1579901
Total Xylenes	ND		3.00	1	11/20/2020 21:24	WG1579901
Methyl tert-butyl ether	ND		1.00	1	11/20/2020 21:24	WG1579901
Naphthalene	ND		5.00	1	11/20/2020 21:24	WG1579901
(S) Toluene-d8	*107*		*80.0-120*		*11/20/2020 21:24*	WG1579901
(S) 4-Bromofluorobenzene	*98.1*		*77.0-126*		*11/20/2020 21:24*	WG1579901
(S) 1,2-Dichloroethane-d4	*97.9*		*70.0-130*		*11/20/2020 21:24*	WG1579901

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 00:57	WG1578780
Toluene	ND		1.00	1	11/19/2020 00:57	WG1578780
Ethylbenzene	ND		1.00	1	11/19/2020 00:57	WG1578780
o-Xylene	ND		1.00	1	11/19/2020 00:57	WG1578780
m&p-Xylene	ND		2.00	1	11/19/2020 00:57	WG1578780
Total Xylenes	ND		3.00	1	11/19/2020 00:57	WG1578780
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 00:57	WG1578780
Naphthalene	ND		5.00	1	11/19/2020 00:57	WG1578780
(S) Toluene-d8	*109*		*80.0-120*		*11/19/2020 00:57*	WG1578780
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*11/19/2020 00:57*	WG1578780
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*11/19/2020 00:57*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 01:16	WG1578780
Toluene	ND		1.00	1	11/19/2020 01:16	WG1578780
Ethylbenzene	ND		1.00	1	11/19/2020 01:16	WG1578780
o-Xylene	ND		1.00	1	11/19/2020 01:16	WG1578780
m&p-Xylene	ND		2.00	1	11/19/2020 01:16	WG1578780
Total Xylenes	ND		3.00	1	11/19/2020 01:16	WG1578780
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 01:16	WG1578780
Naphthalene	ND		5.00	1	11/19/2020 01:16	WG1578780
(S) Toluene-d8	*108*		*80.0-120*		*11/19/2020 01:16*	WG1578780
(S) 4-Bromofluorobenzene	*109*		*77.0-126*		*11/19/2020 01:16*	WG1578780
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*11/19/2020 01:16*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 01:35	WG1578780
Toluene	ND		1.00	1	11/19/2020 01:35	WG1578780
Ethylbenzene	ND		1.00	1	11/19/2020 01:35	WG1578780
o-Xylene	ND		1.00	1	11/19/2020 01:35	WG1578780
m&p-Xylene	ND		2.00	1	11/19/2020 01:35	WG1578780
Total Xylenes	ND		3.00	1	11/19/2020 01:35	WG1578780
Methyl tert-butyl ether	1.05		1.00	1	11/19/2020 01:35	WG1578780
Naphthalene	ND		5.00	1	11/19/2020 01:35	WG1578780
(S) Toluene-d8	*109*		*80.0-120*		*11/19/2020 01:35*	WG1578780
(S) 4-Bromofluorobenzene	*106*		*77.0-126*		*11/19/2020 01:35*	WG1578780
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*11/19/2020 01:35*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 01:54	WG1578780
Toluene	ND		1.00	1	11/19/2020 01:54	WG1578780
Ethylbenzene	ND		1.00	1	11/19/2020 01:54	WG1578780
o-Xylene	ND		1.00	1	11/19/2020 01:54	WG1578780
m&p-Xylene	ND		2.00	1	11/19/2020 01:54	WG1578780
Total Xylenes	ND		3.00	1	11/19/2020 01:54	WG1578780
Methyl tert-butyl ether	2.50		1.00	1	11/19/2020 01:54	WG1578780
Naphthalene	ND		5.00	1	11/19/2020 01:54	WG1578780
(S) Toluene-d8	*106*		*80.0-120*		*11/19/2020 01:54*	WG1578780
(S) 4-Bromofluorobenzene	*107*		*77.0-126*		*11/19/2020 01:54*	WG1578780
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*11/19/2020 01:54*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 02:13	WG1578780
Toluene	ND		1.00	1	11/19/2020 02:13	WG1578780
Ethylbenzene	ND		1.00	1	11/19/2020 02:13	WG1578780
o-Xylene	ND		1.00	1	11/19/2020 02:13	WG1578780
m&p-Xylene	ND		2.00	1	11/19/2020 02:13	WG1578780
Total Xylenes	ND		3.00	1	11/19/2020 02:13	WG1578780
Methyl tert-butyl ether	1.06		1.00	1	11/19/2020 02:13	WG1578780
Naphthalene	ND		5.00	1	11/19/2020 02:13	WG1578780
(S) Toluene-d8	*108*		*80.0-120*		*11/19/2020 02:13*	WG1578780
(S) 4-Bromofluorobenzene	*107*		*77.0-126*		*11/19/2020 02:13*	WG1578780
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*11/19/2020 02:13*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	20.2		1.00	1	11/19/2020 02:32	WG1578780
Toluene	1.66		1.00	1	11/19/2020 02:32	WG1578780
Ethylbenzene	ND		1.00	1	11/19/2020 02:32	WG1578780
o-Xylene	6.99		1.00	1	11/19/2020 02:32	WG1578780
m&p-Xylene	2.67		2.00	1	11/19/2020 02:32	WG1578780
Total Xylenes	9.66		3.00	1	11/19/2020 02:32	WG1578780
Methyl tert-butyl ether	5.10		1.00	1	11/19/2020 02:32	WG1578780
Naphthalene	ND		5.00	1	11/19/2020 02:32	WG1578780
(S) Toluene-d8	*109*		*80.0-120*		*11/19/2020 02:32*	WG1578780
(S) 4-Bromofluorobenzene	*107*		*77.0-126*		*11/19/2020 02:32*	WG1578780
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*11/19/2020 02:32*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 02:51	WG1578780
Toluene	3.71		1.00	1	11/19/2020 02:51	WG1578780
Ethylbenzene	ND		1.00	1	11/19/2020 02:51	WG1578780
o-Xylene	ND		1.00	1	11/19/2020 02:51	WG1578780
m&p-Xylene	ND		2.00	1	11/19/2020 02:51	WG1578780
Total Xylenes	ND		3.00	1	11/19/2020 02:51	WG1578780
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 02:51	WG1578780
Naphthalene	ND		5.00	1	11/19/2020 02:51	WG1578780
(S) Toluene-d8	*110*		*80.0-120*		*11/19/2020 02:51*	WG1578780
(S) 4-Bromofluorobenzene	*99.9*		*77.0-126*		*11/19/2020 02:51*	WG1578780
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*11/19/2020 02:51*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 03:10	WG1578780
Toluene	ND		1.00	1	11/19/2020 03:10	WG1578780
Ethylbenzene	ND		1.00	1	11/19/2020 03:10	WG1578780
o-Xylene	ND		1.00	1	11/19/2020 03:10	WG1578780
m&p-Xylene	ND		2.00	1	11/19/2020 03:10	WG1578780
Total Xylenes	ND		3.00	1	11/19/2020 03:10	WG1578780
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 03:10	WG1578780
Naphthalene	ND		5.00	1	11/19/2020 03:10	WG1578780
(S) Toluene-d8	*108*		*80.0-120*		*11/19/2020 03:10*	WG1578780
(S) 4-Bromofluorobenzene	*105*		*77.0-126*		*11/19/2020 03:10*	WG1578780
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*11/19/2020 03:10*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 03:29	WG1578780
Toluene	ND		1.00	1	11/19/2020 03:29	WG1578780
Ethylbenzene	ND		1.00	1	11/19/2020 03:29	WG1578780
o-Xylene	ND		1.00	1	11/19/2020 03:29	WG1578780
m&p-Xylene	ND		2.00	1	11/19/2020 03:29	WG1578780
Total Xylenes	ND		3.00	1	11/19/2020 03:29	WG1578780
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 03:29	WG1578780
Naphthalene	ND		5.00	1	11/19/2020 03:29	WG1578780
(S) Toluene-d8	*110*		*80.0-120*		*11/19/2020 03:29*	WG1578780
(S) 4-Bromofluorobenzene	*107*		*77.0-126*		*11/19/2020 03:29*	WG1578780
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*11/19/2020 03:29*	WG1578780

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 10:17	WG1578939
Toluene	ND		1.00	1	11/19/2020 10:17	WG1578939
Ethylbenzene	ND		1.00	1	11/19/2020 10:17	WG1578939
o-Xylene	ND		1.00	1	11/19/2020 10:17	WG1578939
m&p-Xylene	ND		2.00	1	11/19/2020 10:17	WG1578939
Total Xylenes	ND		3.00	1	11/19/2020 10:17	WG1578939
Methyl tert-butyl ether	ND		1.00	1	11/19/2020 10:17	WG1578939
Naphthalene	ND		5.00	1	11/19/2020 10:17	WG1578939
(S) Toluene-d8	*108*		*80.0-120*		*11/19/2020 10:17*	WG1578939
(S) 4-Bromofluorobenzene	*107*		*77.0-126*		*11/19/2020 10:17*	WG1578939
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*11/19/2020 10:17*	WG1578939

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	11/19/2020 10:36	WG1578939
Toluene	ND		1.00	1	11/19/2020 10:36	WG1578939
Ethylbenzene	ND		1.00	1	11/19/2020 10:36	WG1578939
o-Xylene	ND		1.00	1	11/19/2020 10:36	WG1578939
m&p-Xylene	ND		2.00	1	11/19/2020 10:36	WG1578939
Total Xylenes	ND		3.00	1	11/19/2020 10:36	WG1578939
Methyl tert-butyl ether	1.75		1.00	1	11/19/2020 10:36	WG1578939
Naphthalene	ND		5.00	1	11/19/2020 10:36	WG1578939
(S) Toluene-d8	*109*		*80.0-120*		*11/19/2020 10:36*	WG1578939
(S) 4-Bromofluorobenzene	*106*		*77.0-126*		*11/19/2020 10:36*	WG1578939
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*11/19/2020 10:36*	WG1578939

Method Blank (MB)

(MB) R3595500-3 11/18/20 21:57

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	0.0980	J	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	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*104*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

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

(LCS) R3595500-1 11/18/20 20:59 • (LCSD) R3595500-2 11/18/20 21:18

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	5.69	5.56	114	111	70.0-130			2.31	20
Ethylbenzene	5.00	5.79	5.72	116	114	70.0-130			1.22	20
Methyl tert-butyl ether	5.00	5.71	5.79	114	116	70.0-130			1.39	20
Naphthalene	5.00	4.70	5.27	94.0	105	70.0-130			11.4	20
Toluene	5.00	5.27	5.32	105	106	70.0-130			0.944	20
Xylenes, Total	15.0	17.4	17.1	116	114	70.0-130			1.74	20
o-Xylene	5.00	5.85	5.88	117	118	70.0-130			0.512	20
m&p-Xylenes	10.0	11.5	11.2	115	112	70.0-130			2.64	20
(S) Toluene-d8				*105*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*102*	*105*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*112*	*112*	*70.0-130*				

Method Blank (MB)

(MB) R3595331-3 11/19/20 06:40

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	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*

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

(LCS) R3595331-1 11/19/20 05:43 • (LCSD) R3595331-2 11/19/20 06:02

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	5.55	5.63	111	113	70.0-130			1.43	20
Ethylbenzene	5.00	5.76	6.01	115	120	70.0-130			4.25	20
Methyl tert-butyl ether	5.00	5.47	5.41	109	108	70.0-130			1.10	20
Naphthalene	5.00	4.29	4.74	85.8	94.8	70.0-130			9.97	20
Toluene	5.00	5.23	5.48	105	110	70.0-130			4.67	20
Xylenes, Total	15.0	17.4	17.6	116	117	70.0-130			1.14	20
o-Xylene	5.00	5.79	5.91	116	118	70.0-130			2.05	20
m&p-Xylenes	10.0	11.6	11.7	116	117	70.0-130			0.858	20
(S) Toluene-d8				*105*	*108*	*80.0-120*				
(S) 4-Bromofluorobenzene				*103*	*102*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*113*	*109*	*70.0-130*				

Method Blank (MB)

(MB) R3595876-2 11/20/20 20:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL 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	*98.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*94.4*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3595876-1 11/20/20 19:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.10	102	70.0-130	
Ethylbenzene	5.00	4.92	98.4	70.0-130	
Methyl tert-butyl ether	5.00	4.90	98.0	70.0-130	
Naphthalene	5.00	5.76	115	70.0-130	
Toluene	5.00	5.17	103	70.0-130	
Xylenes, Total	15.0	14.6	97.3	70.0-130	
o-Xylene	5.00	4.84	96.8	70.0-130	
m&p-Xylenes	10.0	9.80	98.0	70.0-130	
(S) Toluene-d8			*107*	*80.0-120*	
(S) 4-Bromofluorobenzene			*100*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*95.4*	*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.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

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	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
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]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	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	9980939910
Montana	CERT0086	Wyoming	A2LA

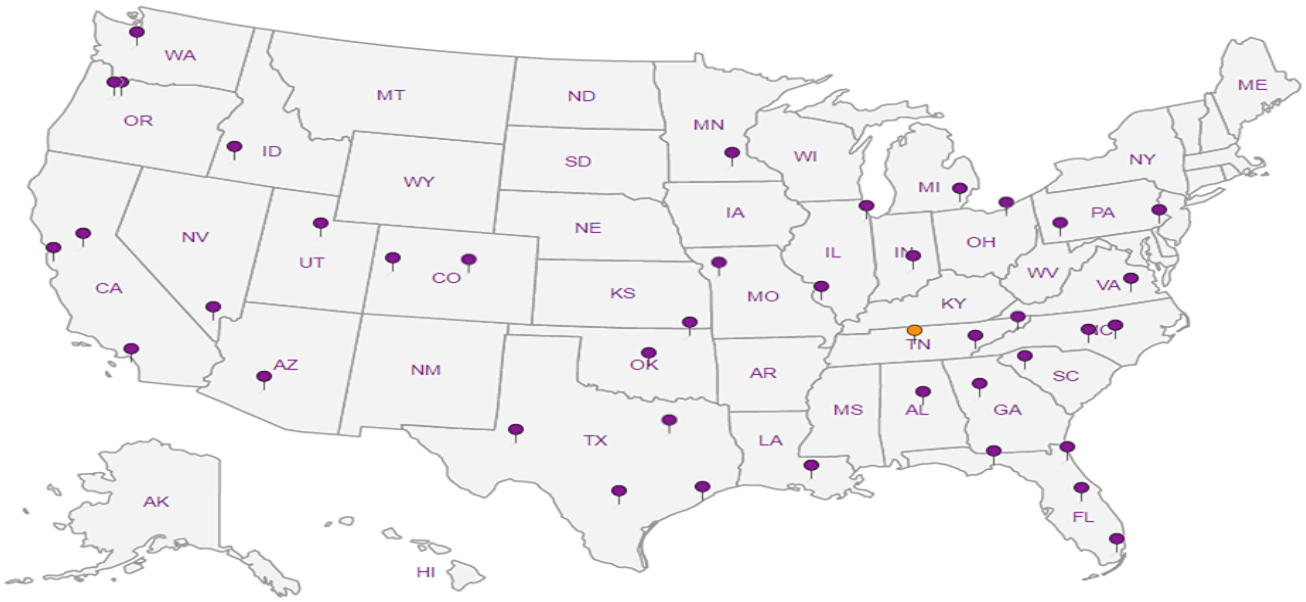
Third Party Federal Accreditations

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.



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: Belton, SC

Please Circle: PT MT CT ET

Phone: **770-604-9182**

Client Project #

Lab Project # **KINCH2MGA-LEWIS**

Collected by (print): Alex Furness

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N___ Y X

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

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	8260D BTEX, MTBE, Naphthalene								Remarks	Sample # (lab only)
SW11-111120	Grab	GW		11/11/20	1035	3		✓									-01
SW10-111120		GW			1045	3		✓									-02
SW09-111120		GW			1055	3		✓									-03
~~SW08~~ SW08-111120		GW			1105	3		✓									-04
~~SW13~~ SW13-111120		GW			1130	3		✓									-05
SW04-111120		GW			1140	3		✓									-06
SW02-111120		GW			1145	3		✓									-07
SW01-111120		GW			1150	3		✓									-08
SW07-111120		GW			1155	3		✓									-09
~~SW12~~ SW12-111120	✓	GW		✓	1205	3		✓									-10

Chain of Custody Page 1 of 2

Pace Analytical® National Center for Testing & Innovation

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

SDG # 128578
J205

Acctnum: KINCH2MGA
Template: T146014
Prelogin: P808213
PM: 526 - Chris McCord
PB: 11-3-2020

Shipped Via: FedEX Ground

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 934816000986

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)	Date:	Time:	Received by: (Signature)
	11/11/20	1800	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 1.7 °C 3.2-3.2 Bottles Received: 36

Date: 11/12/20 Time: 0402

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 2 of 2

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: Belton, SC

Please Circle: PT MT CT ET

Phone: 770-604-9182

Client Project #

Lab Project # KINCH2MGA-LEWIS

Collected by (print):

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

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

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	8260D BTEX, MTBE, Naphthalene	Remarks	Sample # (lab only)
SW03-111120	Grab	GW		11/1/20	1215	3				-11
SW14-111120	Grab	GW		11/1/20	1240	3				-12
		GW								
		GW								
		GW								

Pace Analytical® National Center for Testing & Innovation
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # 285178

Table #

Acctnum: KINCH2MGA

Template: T146014

Prelogin: P808213

PM: 526 - Chris McCord

PB: 11-3-2020

Shipped Via: FedEX Ground

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

Remarks:

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 Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	11/1/20	1800	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes (No) HCL / MeoH TBR

Temp: 3.2 °C Bottles Received: 36

Date: 11/2/20 Time: 0800

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Attachment E
Remediation-Derived Waste Documentation

A&D Environmental Services, Inc.

2718 Uwharrie Rd., Archdale, NC 27263
336-434-7750 FAX: 336-434-7752

Reserved for Facility Use Approval Date: 5/24/2019 By: S. Kaiser Expiration Date: 1 yr from Approval Date

☐ Solidification ☑ Recovery **Profile Number:** NC20190213

A. Billing Information

Company: Jacobs Account #:
Address: 6600 Peachtree Dunwoody Rd
City/State: Atlanta, GA Zip: 30328 Contact:
Phone: 770-604-9182 Fax:

B. Generator Information/Location of Waste

Generator Name: Kinder Morgan Site Contact: Johnny Tapia
Address: 112 Lewis Drive
City/State: Belton, SC Zip: 29627
Contact Phone: (704) 249-9936 EPD ID:
Type of Business: Underground Pipe Line Facility SIC Code:

C. Waste Description

Common Name of Waste: Petroleum Contact Water
Process Generating Waste: Purging groundwater monitoring wells

D. Physical Properties

Physical State	Odor	Color	Viscosity	Specific Gravity
☐ 100% Solid	☐ None	Describe:	☐ Low	
☑ 100% Liquid	☑ Mild	Clear	☑ Medium	8.34 lb/gallon
☐ Sludge	☐ Strong		☐ High	
% Free Liquid	Describe:			

Flash Point		pH		Water	
☐ <73 F	☐ 140-199 F	☐ < 2	☐ 9.1 - 12.4	☐ < 5%	☐ 30-80%
☐ 73-99 F	☑ >199 F	☐ 2.1 - 4.9	☐ > 12.5	☐ 5-10%	☑ 80-100%
☐ 100-139 F	☐ N/A	☑ 5 - 9	☐ N/A	☐ 10-30%	☐ N/A

Is this waste incompatible with other material? ☑ No ☐ Yes If Yes, explain:

E. Volume

Anticipated Volume: 2,800 Gal ☐ Drums ☐ 5-Gallon ☐ 30-Gallon ☐ 55-Gallon ☐ Tote ☐ Bulk ☐ Tanker ☑ Pump Truck ☐ Other:

Estimated Frequency: ☐ Weekly ☐ Semimonthly ☐ Monthly ☐ Quarterly ☑ Other semi-annual

F. Constituents

Total must be equal to 100%. All constituents, including debris must be identified.

Constituents	Actual %	Range
Water	>99.99	
Gasoline	<0.01	
	0%	

G. Other Hazards

☐ Radioactive
☐ Water Reactive
☐ Oxidizer
☐ OSHA
☐ Carcinogen
☐ Explosive
☐ Pesticide
☐ Polymerizable
☐ Organic Peroxide
☐ Infectious
☐ Pryophoric

H. Process Flow Chart

Using the space provided, draw a flow chart showing how waste is generated

I. Constituents

These values are based on ☑ Generator Knowledge ☐ Analytical Results

All analytical data provided relevant to this profile must be conducted by laboratories that have NELAP/NELAC accreditation.

Accreditation Number: _____ Name: _____

Address: _____ Phone: _____

Inorganic

Metals		Level	(mg/l)
D004	Arsenic	5.0	<5.
D005	Barium	100.0	< 100.0
D006	Cadmium	1.0	< 1.0
D007	Chromium	5.0	< 5.0
D008	Lead	5.0	< 5.0
D009	Mercury	0.2	< 0.2
D010	Selenium	1.0	< 1.0
D011	Silver	5.0	< 5.0

Other	Conc.
Ammonia	n/a
Phosphorus	n/a
Formaldehyde	n/a
Total Solids	n/a
PCBs	n/a
Copper	n/a
Nickel	n/a
Zinc	n/a

Pesticides/Herbicides		Level	(mg/l)
D012	Endrin		n/a
D013	Lindane		n/a
D014	Methoxychlor		n/a
D015	Toxaphene		n/a
D016	2,4-D		n/a
D017	2,4,5-TP		n/a
D020	Chlordane		n/a
D031	Heptachlor		n/a

Organic

Volatile Compounds		Level	(mg/l)
D018	Benzene	0.5	< 0.5
D019	Carbon Tetrachloride	0.5	< 0.5
D021	Chlorobenzene	100.0	< 100.0
D022	Chloroform	6.0	< 6.0
D028	1,2-Dichloroethane	0.5	< 0.5
D029	1,1-Dichloroethylene	0.7	< 0.7
D035	Methyl Ethyl Ketone	200.0	< 200.0
D039	Tetrachloroethylene	0.7	< 0.7
D040	Trichloroethlene	0.5	< 0.5
D043	Vinyl Chloride	0.2	< 0.2

Semi-Volatile Compounds		Level	(mg/l)
D023	o-Cresol	200.0	< 200.0
D024	m-Cresol	200.0	< 200.0
D025	p-Cresol	200.0	< 200.0
D026	Cresol	200.0	< 200.0
D027	1,4-Dichlorobenzene	7.5	< 7.5
D030	2,4-Dinitrotoluene	0.13	< 0.13
D032	Hexchlorobenzene	0.13	< 0.13
D033	Hexachlorobutadiene	0.5	< 0.5
D034	Hexachloroethane	3.0	< 3.0
D036	Nitrolbenzene	2.0	< 2.0
D037	Pentachlorophenol	100.0	< 100.0
D038	Pyridine	5.0	< 5.0
D041	2,4,5-Trichlorophenol	400.0	< 400.0
D042	2,4,6-Trichlorophenol	2.0	< 2.0

J. General Information

1 ☑ No ☐ Yes Is this waste a hazardous material as defined in 49 CFR Section 172.101?
If yes, include shipping name, placard hazard class and packaging group:
_____

2 ☑ No ☐ Yes Is this waste regulated as a reportable quantity as defined in 49 CFR Section 172.101 Appendix A?

3 ☑ No ☐ Yes Is this waste a marine pollutant as defined in 49 CFR Section 172.101 Appendix B?

4 ☑ No ☐ Yes Is this hazardous waste, as determined by performing the Hazardos Waste Determination prescribed at CFR262.11? (Attach Documentation)

5 ☑ No ☐ Yes Does this waste contain any amount of Listed Hazardous Waste in 40 CFR 261.31, Hazardous Waste from Non-specific Sources; 261.32, Hazardous Waste from Specific Sources; and 261.33, Discarded Commercial Chemical Products, Off specification Species, Container Residues, and Spill Residues?

6 ☑ No ☐ Yes Does waste fail any of the four Hazardous Waste Characteristics of ignitibility, corrosivity, reactivity, and toxicity, as defined in 40 CFR 261.21, 261.22, 261.23, 261.23, respectively?

7 ☑ No ☐ Yes Is this waste state regulated? If Yes, define: _____

8 ☑ No ☐ Yes Are Material Safety Data Sheets and/or all analytical data relevant to this profile data sheet attached?

9 ☐ No ☑ Yes Is this waste derived from an Investigation of an Undergroud Storage Tank release (IDW)?

K. Sample

Has a sample been included? ☐ Yes ☑ No If yes, sampled by: _____ Date: _____

L. Generator's Certification

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If A&D Environmental Services discovers a discrepancy during the approval process, Generator grants A&D Environmental Services the authority to amend the profile, as A&D Environmental Services LLC deems necessary, to reflect the discrepancy.

Generator Signature	Print Name	Date
	Johnny Tapia	5/24/14

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number VSQG	2. Page 1 of 1	3. Emergency Response Phone [illegible]	4. Waste Tracking Number [illegible]

5. Generator's Name and Mailing Address: Kinder Morgan Plantation Pipeline, 112 Lewis Drive, Belton SC [illegible]
Generator's Site Address (if different than mailing address)
Generator's Phone:

6. Transporter 1 Company Name: A&D Environmental — U.S. EPA ID Number: SCD [illegible]

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: A&D Environmental Services, [illegible] Rd, Archdale, NC [illegible] — U.S. EPA ID Number: NCD [illegible]
Facility's Phone: [illegible]

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NonHazardous \ Non Regulated Liquid NC 20110213	001	TT	1950	G
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Project # 8005-0162
Profile # NC20110213

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Guy Simmons [illegible] Kinder Morgan — Signature: [signature] — Month 9 Day 1 Year [illegible]

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Guy Simmons — Signature: [signature] — Month 9 Day 1 Year 20
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

A&D Environmental Services — Bill of Lading / Material Manifest

A&D Job No:	Generator ID Number	Page 1 of	Emergency Response Phone	Tracking Number
2009 0166				32944

Generator's Name and Mailing Address: A+ Accounts Payble, PO Box 241325, Denver CO 80224

Generator's site address (if different from mailing address):

Generator's Phone:

Transporter 1 ☑ 2 ☐ Company Name	A&D Environmental Services, Inc.	US EPA ID No: NCD986232221
Transporter 1 ☐ 2 ☐ Company Name	A&D Environmental Services (SC), LLC	US EPA ID No: SCD987598331
Transporter 1 ☐ 2 ☐ Company Name		US EPA ID No:

☑ Designated Facility
A&D Environmental Services, Inc.
2718 Uwharrie Road
Archdale, NC 27263
336-434-7750
NCD986232221

☐ Designated Facility
A&D Environmental Services, Inc.
3149 Lear Drive
Burlington, NC 27215
336-229-0058
NCR000138628

☐ Designated Facility (Please insert facility information below)

HM	Hazardous Materials Shipping Name and Description (If applicable)	No.	Type	QTY	Wt/Vol	Profile Number
	None Petroleum Contact Water	1	T	2244	G	

	Petroleum Products for Recycle		No.	Type	QTY	Wt/Vol	Profile Number
X	NA1993, Diesel fuel, 3, III	EGR# 128					
X	NA 1993, Fuel oil (No. 1,2,4,5 or 6), 3, III	EGR# 128					
X	UN1203, Gasoline, 3, II	EGR# 128					
	USED OIL (Not a USDOT Hazardous Material)						
	Petroleum Contact Water (Not a USDOT Hazardous Material						

Universal Waste Lamps, Batteries, Ballasts, and Electronics for Recycle

HM	No.	Type	Est. Wt.	Count	Shipping Name and Description (if applicable)		Common Name	Discrepancy
X					RQ, UN3506, Mercury contained in manufactured articles, 8 (6.1), RQ	ERG# 172	Mercury Devices	
X					RQ, UN3432, Polychlorinated biphenyls, solid, 9, II	EGR# 171	TSCA Exempt PCB Lamp Ballasts	
X					UN2800, Batteries, wet nonspillable, 8	EGR# 154	Sealed Lead Acid Batteries	
X					UN2794, Batteries, wet, filled with acid, 8	EGR# 154	Lead Acid Batteries	
X					UN2795, Batteries, wet, filled with alkali, 8	EGR# 154	Wet NiCad Batteries	
X					UN3090, Lithium metal batteries, 9	EGR# 138	Lithium Metal Batteries	
X					UN3480, Lithium ion batteries, 9	EGR# 147	Lithium Ion Batteries	
X					Batteries, dry, sealed n.o.s.		Alkaline Batteries	
X					Batteries, dry, sealed n.o.s.		Dry NiCad Batteries	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164 (e)		Florescent lamps (4-Ft. and Under)	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164 (e)		Florescent lamps (Over 4-Ft.)	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164 (e)		Circular/U-tube lamps	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164 (e)		Compact Lamps	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164 (e)		Shielded Lamps	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164 (e)		HID/MV/UV Lamps	
					Universal Waste Lamps (Not DOT-Regulated per 49 CFR 173.164 (e)		Incandescent Lamps	
					Non-PCB Light Ballasts for Recycle (Not DOT-Regulated)		Non-PCB Light Ballasts/Capacitors	
					Electronic Equipment for Recycle (Not DOT-Regulated)		e-Waste	

Generator's Certification: This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transport according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are hazardous waste as defined by EPA 40CFR Part 261 or any applicable state law, and unless specifically identified above the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

		Month	Day	Year
Generator's/ Offeror's Printed/Typed Name: Brad Sobaje	Signature:	09	24	20
Transporter 1 Printed/Typed Name: Adam Burris	Signature:	9	24	20
Transporter 2 Printed/Typed Name:	Signature:			

Discrepancy Indication / Additional Information:

Designated Facility Certification: I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy indicated above.

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S/SHIPPER'S INITIAL COPY

Republic Services

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

	Waste Profile #	Expiration Date	
	31152011530	9/8/2021	

I. Decision Request: ☑ Initial ☐ Recertification ☐ Change

Disposal Facility: 3115 - Union County Regional MSW Landfill

Generator Name: Kinder Morgan

Generator Site Address: 112 Lewis Drive

City: Belton	County:	State: SC	Zip:

Name of Waste: C&D Wooden Truck Mats

Estimated Annual Volume: 80 Cubic Yards

II. Special Waste Department Decision: ☑ Approved ☐ Rejected

Management Method(s): ☑ Landfill ☐ Solidification ☐ Bioremediation ☐ Deep Well ☐ Transfer Facility

Problematic Special Waste according to Republic? ☐ Yes ☑ No

If yes, which one?

Approved by Special Waste Review Committee? ☐ Yes ☐ No ☑ Not Applicable

Precautions, Conditions or Limitations on Approval

Special Waste Analyst Signature: James Brown **Name (Printed):** James Brown

Date: 9/9/2020

III. Facility Decision: ☑ Approved ☐ Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: Dan Pitts **Name (Printed):** Dan Pitts

Date: 9/9/2020

Special Waste Profile

REPUBLIC SERVICES

Disposal Facility: 3115 Union County Landfill SC

Waste Profile #:

Sales Rep #:

I. Generator Information

Generator Name: Plantation Pipe Line

Generator Site Address: 112 Lewis Dr.

City: Belton County: Anderson State: South Carolina Zip: 29627

State ID/Reg No: State Approval/Waste Code: NAICS #:

Generator Mailing Address ☐ (if different)

City: County: State: --Select State-- Zip:

Generator Contact Name: Johnny Tapia Email: johnny_tapia@kindermorgan.com

Phone Number: 704-399-6327 Ext: Fax Number:

II. Billing Information

Bill To: A&D Environmental Services Contact Name: Susie Bennett

Billing Address: PO Box 484 Email: sbennett@adenviro.com

City: High Point State: North Carolina Zip: 27261 Phone: 336-434-7752

III. Waste Stream Information

Name of Waste: Soil Cuttings

Process Generating Waste: Excavation of soil during assessment of virgin unleaded gasoline release from underground pipeline

Type of Waste: --Select Waste Type-- Physical State: Solid Method of Shipment: Bulk

Estimated Volume: 60 Volume Type: Cubic Yards

Frequency: --Select Frequency-- Disposal Consideration: --Select Disposal Consideration--

IV. Representative Sample Certification

☐ **No Sample Taken**

☑ **Sample Taken** **Type of Sample** Composite and Grab

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent? ☑ **Yes** ☐ **No**

Sample Date: 8/13/18

Sample ID Numbers or SDS: SO-081318

Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile.

Special Waste Profile

REPUBLIC SERVICES

V. Physical Characteristics of Waste

Characteristic Components (must equal 100%:)	% By Weight (out of 100% - ranges acceptable):
1. Soil	>85%
2. Water	<15%
3.	
4.	
5.	

Color:	Odor (describe):	Does Waste Contain Free Liquids?	% Solids:	pH:	Flash Point:
Brown	None	☐ Yes ☑ No	>85%	5-8	NA °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile.

RCRA Regulatory Questions

1. Does this waste or generating process contain regulated concentrations of the following Pesticides and/ or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	☐ Yes ☑ No
2. Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm) [reference 40 CFR 261.23(a)(5)]?	☐ Yes ☑ No
3. Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	☐ Yes ☑ No
4. Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	☐ Yes ☑ No
5. Has this waste been delisted under 40 CFR 260.20 and 260.22? If yes, attach the final decision to delist the waste as published in the Federal Register.	☐ Yes ☑ No
6. Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations? If Yes, identify the applicable waste code and specify if the waste is hazardous as defined by Federal, State or both?	☐ Yes ☑ No
7. Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCCD), or any other dioxin as defined in 40 CFR 261.31?	☐ Yes ☑ No
8. Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	☐ Yes ☑ No
9. Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	☐ Yes ☑ No
10. Is this a solid waste that is not a hazardous waste in accordance with 40 CFR 261.4(b)? If yes, please provide the corresponding regulatory citation.	☐ Yes ☑ No

Republic Services Waste Handling Questions

1. Does this waste generate heat or react when contacted with water/moisture?	☐ Yes ☑ No
2. Does the waste contain sulfur or sulfur by-products?	☐ Yes ☑ No
3. Is this waste generated at a State or Federal Superfund cleanup site subject to regulation under CERCLA?	☐ Yes ☑ No
4a. Is this waste from a TSD facility, TSD-like facility or consolidator (i.e. multiple wastes/multiple generators)?	☐ Yes ☑ No

4b. If yes to the above question, please provide clarification.

Special Waste Profile

REPUBLIC SERVICES

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I understand that attaching an electronic signature, I am signing this document, consent to complete this transaction and receive all related communication electronically, and agree this document will be binding as though I had physically signed it. A printout of this document may be accepted with the same authority as the original.

If electronic signature is preferred, please submit completed (unsigned) form to your Special Waste Coordinator or Special Waste Sales Executive to initiate signature process.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services.

Jonnny Tapia	Senior EHS Sepcialist	Plantation Pipe Line
Authorized Representative Name (Printed)	Title (Printed)	Company Name
Representative Signature		4/27/20
		Date

Special Waste Profile - Recertification

REPUBLIC SERVICES

Disposal Facility: 3115 Union County Landfill SC

Waste Profile #:

Sales Rep #:

I. Generator Information

Generator Name: Plantation Pipe Line

Generator Site Address: 112 Lewis Dr.

City: Belton County: State: South Carolina Zip: 29627

State ID/Reg No: State Approval/Waste Code: NAICS:

Generator Mailing Address ☐ (if different)

City: County: State: --Select State-- Zip:

Generator Contact Name: Johnny Tapia Email: johnny_tapia@kindermorgan.com

Phone Number: 704-399-6327 Ext: Fax Number:

II. Waste Stream Information

Name of Waste: Soil

Check Section 1 or 2 below

1. ☐ ***There has been a change*** in the characteristics of the waste stream due to the following:
   a. Change of a raw material used in the waste generating process.
   b. Change in the waste generating process itself.
   c. Change in a physical characteristic of the waste.
   d. New information has been documented concerning the human health effects of exposure to the waste.

   If any of these changes have occurred, a new profile sheet must be completed, and new analysis and/or SDS must be provided as appropriate.

2. ☑ ***There have been no changes*** that would alter the physical characteristics of the special waste stream. Updated analytical may be required.

III. Representative Sample Certification

☑ **No Sample Taken**

☐ **Sample Taken** **Type of Sample** --Select Sample Type--

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent? ☐ **Yes** ☐ **No**

Sample Date:

Sample ID Numbers:

Special Waste Profile - Recertification

REPUBLIC SERVICES

IV. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I understand that attaching an electronic signature, I am signing this document, consent to complete this transaction and receive all related communication electronically, and agree this document will be binding as though I had physically signed it. A printout of this document may be accepted with the same authority as the original."

If electronic signature is preferred, please submit completed (unsigned) form to your Special Waste Coordinator or Special Waste Sales Executive to initiate signature process.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services.

Johnny Tapia	EHS Specialist	Kinder Morgan
Authorized Representative Name (Printed)	Title (Printed)	Company Name

	4/28/20
Authorized Representative Signature	Date

Special Waste Profile - Change

REPUBLIC SERVICES

I. Generator Information

This form may be used to request changes to an existing Special Waste Profile

Generator Name: Plantation Pipe Line

Name of Waste: Soil Waste Profile #:

II. Purpose of Change

Description of change requested and reason for change
(provide detailed explanation of why the change is requested following the appropriate checked circle below).

Previous Job not completed.

☐ Volume Increase By:

Is the analysis originally submitted with the Profile representative of the volume increase? ☑ Yes ☐ No ***If no, complete Section III below***

☑ Extend Expiration Date:

☐ Change or Add Landfill:

☐ Add Additional Laboratory Reports: ***Complete Representative Sample Certification; Section III below***

☐ Add MSDS:

☐ Generator Name Change:

☐ Other:

III. Representative Sample Certification

☑ **No Sample Taken**

☐ **Sample Taken** **Type of Sample** --Select Sample Type--

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent? ☐ Yes ☐ No

Sample Date:

Sample ID Numbers:

Special Waste Profile - Change

REPUBLIC SERVICES

IV. Certification

I understand that attaching an electronic signature, I am signing this document, consent to complete this transaction and receive all related communication electronically, and agree this document will be binding as though I had physically signed it. A printout of this document may be accepted with the same authority as the original.

If electronic signature is preferred, please submit completed (unsigned) form to your Special Waste Coordinator or Special Waste Sales Executive to initiate signature process.

I hereby certify that the waste and the process generating the waste are unchanged and are accurately represented in the original profile.

Johnny Tapia	EHS Specialist	Kinder Morgan
Authorized Representative Name (Printed)	Title (Printed)	Company Name

	4/28/20
Representative Signature	Date

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

1.932593

1. Generator's US EPA ID Number	Manifest Document Number 1433-026	2. Page 1 of	
3. Generator's Name and Mailing Address [illegible] Drive [illegible] 4. Phone ( ) [illegible]		5. Generating Location (if different) [illegible] P O Box 404 [illegible] 6. Phone ( )	
7. Transporter #1 Company Name NW White	8. US EPA ID Number		9. Transporter #1's Phone 864/220.9353
10. Transporter #2 Company Name	11. US EPA ID Number		12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address [illegible]	14. US EPA ID Number		15. Facility's Phone [illegible]

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. [illegible]	[illegible]	1	DT	20	T
b.					
c.					

GENERATOR

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	9	2	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

COM000033

RS-F15

REV 04/19

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

Please print or type. **932596**

1. Generator's US EPA ID Number	Manifest Document Number 1433-025	2. Page 1 of	
3. Generator's Name and Mailing Address [illegible] [illegible] [illegible] [illegible] 4. Phone ( )		5. Generating Location (if different) [illegible] PO Box [illegible] High Point NC [illegible] 6. Phone ( )	
7. Transporter #1 Company Name NW White	8. US EPA ID Number	9. Transporter #1's Phone 764/220-9353	
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone	
13. Designated T/S/D Facility Name and Site Address [illegible] Rd [illegible]	14. US EPA ID Number	15. Facility's Phone [illegible]	

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. [illegible]	[illegible]	1	DT	20	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
[illegible] / AS AGENT FOR [illegible]	[signature]	9	22	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	9	22	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

REV 04/19

GENERATOR'S COPY

COM000033

RS-F15

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

932597

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
	1433-024	

GENERATOR

3. Generator's Name and Mailing Address
[illegible] ENVIRONMENTAL
112 Lewis Drive
[illegible]

4. Phone ( ) 704-233-8825

5. Generating Location (if different)
[illegible] ENVIRONMENTAL
PO Box [illegible]
High Point NC 27261

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
J.J. White		864/220.9353
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**
[illegible]		[illegible]

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. [illegible]	[illegible]	1	DT	20	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information [illegible]

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
[illegible] AS AGENT FOR [illegible] MARIAN		9	22	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]		9	22	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

REV 04/19

GENERATOR'S COPY

COM000033
RS-F15

SERVICES

NON-HAZARDOUS WASTE MANIFEST

932598

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number 1433-023	2. Page 1 of
3. Generator's Name and Mailing Address [illegible] ENVIRONMENTAL [illegible] [illegible]	5. Generating Location (if different) [illegible] ENVIRONMENTAL PO Box [illegible] High Point NC [illegible]	
4. Phone ( ) [illegible]	6. Phone ( )	
7. Transporter #1 Company Name NW White	8. US EPA ID Number	9. Transporter #1's Phone 864/220.9353
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address [illegible]	14. US EPA ID Number	15. Facility's Phone [illegible]

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. [illegible]	[illegible]	1	DT	20	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
Tyler Hall / AS AGENT FOR KINDER MORGAN	[signature]	9	22	20

GENERATOR

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	9	22	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

REV 04/19

GENERATOR'S COPY

COM000033

RS-F15

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

932599

1. Generator's US EPA ID Number	Manifest Document Number 1433-0222	2. Page 1 of
3. Generator's Name and Mailing Address [illegible] ENVIRONMENTAL 112 Lewis Drive Dallas, NC 28027 [illegible]	5. Generating Location (if different) [illegible] ENVIRONMENTAL PO Box [illegible] High Point NC 27261	
4. Phone ( ) [illegible]	6. Phone ( )	
7. Transporter #1 Company Name NW White	8. US EPA ID Number	9. Transporter #1's Phone 864 220.9353
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address [illegible]	14. US EPA ID Number	15. Facility's Phone [illegible]

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a. [illegible]	[illegible]	1	DT	20	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible] / As agent of [illegible]	[signature]	9	22	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	9	22	20

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR / TRANSPORTER / T/S/D FACILITY

REV 04/19

GENERATOR'S COPY

COM000033
RS-F15

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

932600

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
	1433-021	

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
KINDER MORGAN Dalton, GA 30721	High Point NC 27261
4. Phone ( )	6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
NW White		864 220.9353
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		1	DT	20	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
TYLER LAW / AS AGENT FOR KINDER MORGAN		9	22	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		9	22	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

REV 04/19

GENERATOR'S COPY

COM000033
RS-F15

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

· 932601

Please print or type.

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
	14332-001	

GENERATOR

3. Generator's Name and Mailing Address	5. Generating Location (if different)
4. Phone ( )	6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
Taylor Waste Svcs		864/556-6447
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**

13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		1	RO	12	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		9	22	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

REV 04/19

COM000033
RS-F15

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

932602

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
	1433-002	

3. Generator's Name and Mailing Address

4. Phone ( )

5. Generating Location (if different)

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
Taylor Waste Solutions		956 556 6497
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		1	RO	12	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		7	23	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

REV 04/19

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RS-F15

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

932604

1. Generator's US EPA ID Number | Manifest Document Number: 1433-004 | 2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address

4. Phone ( )

5. Generating Location (if different)

6. Phone ( )

7. Transporter #1 Company Name: Taylor Waste Solutions | 8. US EPA ID Number | 9. Transporter #1's Phone: 864 556 6447

10. Transporter #2 Company Name | 11. US EPA ID Number | 12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address | 14. US EPA ID Number | 15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		1	RO	12	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name | Signature | Month: 9 | Day: 25 | Year: 20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month: 9 | Day: 25 | Year: 20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name | Signature | Month | Day | Year

REV 04/19

GENERATOR'S COPY

COM000033
RS-F15

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

932603

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
	1433-003	

3. Generator's Name and Mailing Address

4. Phone ( )

5. Generating Location (if different)

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
Taylor Waste Solutions		864/556-6447
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		1	RO	12	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		9	23	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		9	23	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

REV 04/19

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RS-F15

REPUBLIC SERVICES

Please print or type.

NON-HAZARDOUS WASTE MANIFEST

932605

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
	1473-005	

GENERATOR

3. Generator's Name and Mailing Address

4. Phone (336 802 2264

5. Generating Location (if different)

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
Taylor Waste Solutions (TWS)		864 556 0447
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
NW WHITE		464 220 9353
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		1	DT	20	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		9	24	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		9		

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19).

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

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REV 04/19

REPUBLIC SERVICES

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NON-HAZARDOUS WASTE MANIFEST

932606

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
	1433-006	

3. Generator's Name and Mailing Address

4. Phone ( )

5. Generating Location (If different)

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
Taylor Waste Solutions		864/556.6447
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		1	RO	12	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		4	24	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

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RS-F15

REV 04/19

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

932607

Please print or type.

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
	1433-007	

3. Generator's Name and Mailing Address

4. Phone ( )

5. Generating Location (if different)

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
		864 556 1447
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
		864 220 9353
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		1	DT	20	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		9	24	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Terry O. Beckett		9	24	20

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

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REV 04/19

REPUBLIC SERVICES

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NON-HAZARDOUS WASTE MANIFEST

932608

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
	1433 - 008	

3. Generator's Name and Mailing Address	5. Generating Location (if different)
4. Phone ( )	6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
Taylor Waste Solutions		864 556-6447
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
NW Water		864 220 9353
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers		19. Total Quantity	20. Unit Wt/Vol
		No.	Type		
a.		1	DT	20	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		7	24	24

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

REV 04/19

GENERATOR'S COPY

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RS-F15

REPUBLIC SERVICES

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NON-HAZARDOUS WASTE MANIFEST

932609

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
	1433-009	

GENERATOR

3. Generator's Name and Mailing Address

4. Phone ( )

5. Generating Location (if different)

6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
Taylor Waste Systems		864/556-6447
10. Transporter #2 Company Name	11. US EPA ID Number	12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address	14. US EPA ID Number	15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		1	RO	12	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		9	25	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

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RS-F15

GENERATOR'S COPY

REV 04/19

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

932610

Please print or type.

GENERATOR

1. Generator's US EPA ID Number | Manifest Document Number: 1433-010 | 2. Page 1 of

3. Generator's Name and Mailing Address

4. Phone ( )

5. Generating Location (if different)

6. Phone ( )

7. Transporter #1 Company Name: Taylor Waste Solns.

8. US EPA ID Number

9. Transporter #1's Phone: 864 556 6447

10. Transporter #2 Company Name

11. US EPA ID Number

12. Transporter #2's Phone

13. Designated T/S/D Facility Name and Site Address

14. US EPA ID Number

15. Facility's Phone

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		1	RO	12	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name | Signature | Month: 9 | Day: 25 | Year: 20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name | Signature | Month | Day | Year

GENERATOR'S COPY

REV 04/19

COM000033
RS-F15

REPUBLIC SERVICES

NON-HAZARDOUS WASTE MANIFEST

932611

Please print or type.

GENERATOR

1. Generator's US EPA ID Number	Manifest Document Number	2. Page 1 of
	1433-010	

3. Generator's Name and Mailing Address 4. Phone ( )	5. Generating Location (if different) 6. Phone ( )

7. Transporter #1 Company Name	8. US EPA ID Number	9. Transporter #1's Phone
Taylor Waste Solns		864/256.6447
10. Transporter #2 Company Name	**11. US EPA ID Number**	**12. Transporter #2's Phone**
13. Designated T/S/D Facility Name and Site Address	**14. US EPA ID Number**	**15. Facility's Phone**

16. Waste Shipping Name and Description	17. Republic Services Approval # and Exp. Date	18. Containers No.	18. Containers Type	19. Total Quantity	20. Unit Wt/Vol
a.		1	RO	12	T
b.					
c.					

21. Additional Descriptions for Materials Listed Above

22. Special Handling Instructions and Additional Information

23. **GENERATOR'S CERTIFICATION:** I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Printed/Typed Name	Signature	Month	Day	Year
		9	25	20

TRANSPORTER

24. **Transporter #1:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

25. **Transporter #2:** Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

T/S/D FACILITY

26. Discrepancy Indication Space

27. **Facility Owner or Operator:** Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)

Printed/Typed Name	Signature	Month	Day	Year

REV 04/19

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