

SEMI-ANNUAL GROUNDWATER MONITORING TECHNICAL MEMORANDUM

Former Springvilla Dry Cleaner
1459 Mohawk Boulevard
Springfield, Oregon 97401

Oregon DEQ ECSI No. 3222

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1 INTRODUCTION

At the request of McKay Investment Company, PNG Environmental, Inc. (PNG) prepared this Technical Memorandum summarizing the October 2023 semi-annual groundwater monitoring activities at the former Springvilla Dry Cleaner located in Springfield, Oregon (Figure 1). Regularly scheduled groundwater monitoring has been required by the Oregon Department of Environmental Quality (DEQ) as part of focused remedial investigation (RI) activities (DEQ 2015). Focused RI activities are being conducted under a DEQ Voluntary Cleanup Program (VCP) Letter Agreement with McKay Investment Company.

Groundwater monitoring is being performed to characterize the extent and distribution of volatile organic compound (VOC) contamination from the former Springvilla Dry Cleaner and also to refine the understanding of the hydrologic flow system. This sampling event provides comparison to prior semi-annual seasonal events. The monitoring is also used to assess plume geometry, collect data necessary to evaluate geochemical conditions and natural attenuation, and understand possible influence from the Rainbow Water District's (RWD's) Q Street municipal water-supply well. These data and recently completed pumping assessment will be used to support a final conceptual site model (CSM). The CSM will be used to support the final locality of facility (LOF) in future technical discussions with DEQ.

2 BACKGROUND

2.1 SITE LOCATION AND DESCRIPTION

The former Springvillia Dry Cleaner was located at 1459 Mohawk Boulevard, Springfield, Oregon (Figure 1). It operated as a self-service laundry and dry cleaner from the 1960s until 1999 (Hart Crowser 2004). The former 4,000 square foot (sq. ft.) dry cleaner facility was located within a larger 270,000 sq. ft. structure (formerly Waremart) that is currently unoccupied (Figures 2, 3, and 4). The Waremart structure is one of seven structures that comprise the 12.57-acre Mohawk Shopping Center.

The site is bordered to the east (i.e., regionally upgradient direction of groundwater flow) by 18th Street with commercial buildings and apartments. A similar setting exists to the south across Centennial Boulevard. The west to northwest boundary is bordered by northeast trending Mohawk Boulevard with downgradient buildings consisting of large commercial buildings to the south and smaller commercial and residential buildings to the north. The ten blocks west of the site are predominantly single-family residences with some mixed commercial buildings. Further to the west, the site is predominantly residential.

2.2 CURRENT WELL NETWORK

The current Springvillia monitoring well network consists of 30 on-site and 51 off-site wells (81 wells total). Sixty-nine of the wells are screened in a single aquifer zone while twelve are of continuous multi-level tube (CMT) construction (Figures 2 and 3). Aquifer zones characterized by the multi-level wells range in depth from 14.2 to 134.5 feet below ground surface (bgs) and characterize up to seven vertical zones. The majority of the multi-level wells are located down gradient to the west of the former Springvillia, covering an area of approximately 180 acres.

Off-site well network expansions were completed in 2016 and 2023, with single-zone monitoring wells, providing greater characterization and refinement of the off-site groundwater contaminant plume. These wells consisted of single well screens ranging in depths between 15 and 115 feet bgs. Single wells, as opposed to the multiple port CMT wells, also offered the advantage of accommodating transducers to support hydraulic assessment, as necessary. One domestic use irrigation well (1350 N St.) and the Q Street municipal-supply well (located approximately 1,800 feet and 4,200 feet down-gradient from the former Springvillia, respectively) are also monitored for quality.

2.3 GEOLOGY

Springfield is located in an east to west-northwest trending valley located between Mt. Pisgah to the south and Coberg and Camp Creek Ridges to the north. These topographic highs consist of bedrock materials. Unconsolidated valley fill, including relatively porous younger alluvium overlying less pervious older alluvium, compose the valley interior. The alluvial materials form the principal aquifer system in the valley. The alluvial valley fill and adjacent bedrock highs are the primary factors influencing the geometry of regional groundwater flow to the west-northwest and along the valley trend. The younger alluvium ranges in thickness reportedly up to approximately 40 feet, while the older alluvium ranges in thickness in excess of 400 feet (Golder 1995). The younger alluvium is reportedly characterized by clean sand and gravel materials. In contrast, the older alluvium consists of mixtures of clay, silt, sand, and gravel. Continuous strata dominated by any one grain size is not traceable for great distances in the subsurface.

Remedial investigations by PNG (PNG 2015, 2018 and 2018a, and 2024) and others (MFA 2001; Hart Crowser 2002, 2008, and 2010) indicate the local stratigraphy is consistent with characterization of regional alluvial deposits:

- The younger alluvium is found to consist of two stratigraphic units:
 1. An upper fine-grained clayey silt/silty clay unit (Silt Unit) that is generally observed to depths of approximately 11 feet bgs.
 2. An underlying coarse-grained gravel unit (Gravel Unit) with interbedded layers of sand, silt, and clay which is found to depths of 40 to 60 feet bgs. The upper zone of approximately 40 feet of gravels is relatively free of silt and appears to be relatively homogeneous.
- The older alluvium is interpreted, by multiple site investigators, as the transition to the heterogeneous and more silty lower zone, beginning at depths between 40 to 60 feet. Older alluvium extends to a minimum depth 120 feet, based on RI borings, and 312 feet based on the Q Street well. The regional hydrogeologic cross section (Golder 1995) indicates the older alluvium extends to over 400 feet in proximity to the Q Street Well.

2.4 SITE HYDROGEOLOGY

The unconsolidated gravels underlying the Springvilla site comprise a single hydrostratigraphic unit. Early site investigations by other consultants (MFA 2001; Hart Crowser 2002, 2004, and 2008) screened monitoring wells in a designated shallow zone (25-35 feet bgs) and intermediate zone (50-70 feet bgs) in this unit. A lower permeability, leaky relationship was interpreted to exist between these two zones (Hart Crowser 2008) which supports the rationale for the depth of installation for these monitoring wells. This interpretation is consistent with RI observations of an increase in silt at depths between 40 to 60 feet bgs. Remedial investigations indicate this transition is not readily identifiable in the field. This subtle transition appears to have significant influence on vertical migration of Springvilla contamination as further described in Section 4.

2.5 Q STREET MUNICIPAL SUPPLY WELL

The RWD Q Street municipal supply well is located 4,200 feet downgradient and northwest of the former Springvilla. This well is constructed of three separate 14-inch well screens (0.014 slot) placed in three separate zones between 110 and 280 feet bgs. The reported sustainable yield from when the well was relatively new ranged from 300 to 400 gallons per minute (gpm). Currently the well is reportedly pumped by RWD during the summer months at rates between 220 to 250 gpm with three four-hour per week maintenance discharges the rest of the year (RWD 2020 and 2022).

At the time of installation, the Q Street well boring was logged to a depth of 312 feet bgs. The driller's well log indicates mixtures of gravel (fine to coarse), sand, and clay to a depth of approximately 68 feet bgs, generally consistent with the Gravel Unit observed at the site. Below the 68-foot depth, alternating layers of generally finer grained materials, including sand, sandy clay, and clay are noted to the total depth of penetration at 312 feet bgs. Nearby deep-zone RI monitoring well screens (e.g., MW-44d, MW-45d, MW-46d, MW-47d, MW-48d, and MW-49d) overlap the top portion of the upper Q Street well screen.

A pumping assessment was completed between October 18, 2017 and September 28, 2018, to assess the potential relationship between pumping at the Q

Street well with migration of the Springville plume. The pumping assessment network consisted of monitoring wells MW-44i, MW-45i,d, MW-46i,d, MW-47i,d, and MW-49i,d ranging in distance from 500 to 1,700 feet from the Q Street well.

The results of the pumping assessment determined operation of the Q Street well resulted in a clear response at all deep-zone monitoring wells except MW-42d (background well). Intermediate zone monitoring wells (except MW-42i) were also affected, but to a much lesser degree. The results of the pumping assessment have been reported under separate cover (PNG 2019) and follow-up modeling (PNG 2022) that are described where appropriate later in this report.

2.6 REGULATORY FRAMEWORK

Oregon's environmental cleanup rules (Oregon Administrative Rules [OAR] 340-122) establish the standards and procedures to be used to assure protection of the present and future public health, safety and welfare, and the environment in the event of a release or threat of a release of a hazardous substance. In the event of a release of a hazardous substance, remedial actions shall be implemented to achieve one of the following:

- Acceptable risk levels defined in OAR 340-122-0115, as demonstrated by a residual risk assessment.
- Numeric cleanup standards developed as part of an approved generic remedy identified or developed by the DEQ under OAR 340-122-0047, if applicable.
- For areas where hazardous substances occur naturally (e.g., metals, etc.), the background level of the hazardous substances, if higher than those levels specified above.

Acceptable risk levels may be evaluated through conducting a site-specific risk assessment that calculates exposure point concentrations (EPCs) for specific exposure-pathway receptor-scenarios, or responsible parties (RPs) may use generic for hazardous substances under DEQ's Risk-Based Decision Making (RBDM) guideline to streamline the risk assessment process. In terms of the latter, DEQ has compiled default risk-based screening-reference levels (DEQ 2018) for common exposure-pathway receptor-scenarios that may be utilized in lieu of site-specific risk calculations (OAR 340-122-0115). In particular, the pre-calculated risk-based concentration (RBC) represents the concentration of a contaminant of interest (COI) in the impacted medium (e.g., soil, groundwater, or air) that potentially represents an unacceptable risk level.

Locality of Facility

The LOF boundary encompasses the current and future plume(s) where screening or cleanup criteria will be applied to potential receptors. It can only be finalized once the plume is fully characterized, and fate and transport conditions related to plume migration are understood. Focused RI efforts involving the 2016 off-site well installations, on-going sampling, and 2019 and 2020 hydraulic analyses, added critical data to the conceptual site model (CSM). In particular, these investigations suggested the contaminant plume locality was bounded by an approximate 1.5 square mile area with S Street to the north, 21st Street to the East, E Street to the South, and 7th Street to the West. However, groundwater modeling completed in 2022 indicated the potential for expanded plume migration, DEQ therefore requested expansion of the off-site monitoring well network to include additional wells to the north and west of the currently detected contaminant plume. The monitoring well network expansion was completed in August 2023 and the results of the first sampling of these additional wells are reported therein. In brief, the

October 2023 groundwater monitoring results suggest additional monitoring is necessary to evaluate groundwater quality trends in the down-gradient area to assess the adequacy of the preliminary LOF.

Land Use within Current Locality of Facility

Based on the Eugene-Springfield Metro Area General Plan and associated refinement plans within the area of the preliminary LOF, the location of the former Springvillla Dry Cleaner and adjacent properties currently consist of mixed commercial (including urban residential) use that (based on the mentioned comprehensive and refinement plan) are anticipated to remain for the foreseeable future. In addition, more distant areas west of the former Springvillla Dry Cleaner are currently and reasonably expected to be utilized for a combination of residential, public land and open space, commercial, government land, and educational uses into the foreseeable future (Figure 2).

DEQ Risk Based-Concentrations

DEQ first developed RBDM guidance for comparing COI concentrations to default RBCs for applicable human health exposure scenarios in 2003. These RBCs eventually replaced Environmental Protection Agency (EPA) Preliminary Remediation Goals (PRGs) as screening criteria in human health risk assessments. Published RBC tables are updated periodically by DEQ; with the most recent update relevant to Springvillla published in 2023 (DEQ 2023).

In the 2009 revision to its RBC tables, DEQ included soil gas and indoor air RBCs for residential, urban, and occupational settings. DEQ also published final guidance for vapor intrusion assessments (DEQ 2010), and issued air and soil vapor RBC values which have been revised over time. In June 2023 DEQ updated their vapor intrusion RBC screening levels to be more consistent with EPA's Vapor Intrusion Screening Level calculator. With the 2023 RBC update DEQ maintained vapor intrusion RBCs for groundwater and soil gas. Soil media was removed from DEQ's VI guidance. Potential vapor intrusion from soil is now evaluated by direct soil gas measurement. The updated DEQ vapor intrusion RBC receptors were also modified. Residential and commercial (formerly occupational) receptors were retained, and the urban residential receptor was eliminated.

The published RBCs represent a conservative default concentration of a chemical in an impacted medium (e.g., soil, groundwater, or air). When chemical concentrations on a site exceed the RBC, unacceptable human health impacts are possible. For carcinogens, the regulatory standard is represented by an excess cancer risk of one in one million (1E-06); for non-carcinogens this is represented by a Hazard Index of 1. RBC exceedances typically trigger further investigation and potentially a human health risk assessment. Therefore, RBCs can be applied at sites as generic, conservative cleanup standards and are routinely used by DEQ to determine if a site requires additional action. Site specific parameters used in the equations to develop the RBCs are often adjusted to match actual conditions in developing site-specific cleanup levels. As such, DEQ reserves the right to disallow the use of generic RBCs at sites that may not fit generic RBC default conditions, such as at sites with widespread contamination.

There are several exposure pathways by which a receptor may be exposed to a chemical, including incidental ingestion, inhalation, and dermal contact with the affected medium. The current and reasonably anticipated future use of properties in the LOF are the primary criterion for determining whether a certain exposure pathway is likely to be of concern.

Considering the current occupational use of the Springvilla and Mohawk shopping center property and residential use in downgradient plume areas, the potential receptors and pathways that are considered preliminarily applicable are discussed further below. DEQ recently informed PNG that the current Springvilla property owner has plans to re-develop this property within its existing mixed commercial use that includes urban residential housing. DEQ has indicated that site redevelopment may involve removing the site building, removal of concrete and asphalt pavement, and excavation of utilities and building foundations. If such re-development were to occur the potential receptors and pathways would need to be re-evaluated.

- Direct contact with soil by an occupational worker or construction worker. This could be a complete pathway of exposure where tetrachloroethene (PCE) and associated target compounds were released in soil on the Springvilla property. This pathway is only complete for the occupational worker if the contaminants are within three feet of land surface. The depth of concern for excavations is 10 to 15 feet below ground surface (bgs).

On-site investigation completed in early 2021 further characterized the nature and extent of target compounds in soil in the on-site source area (PNG 2021). Seventeen shallow soil samples collected between depths of 3 to 15 feet bgs did not detect target compounds exceeding occupational RBCs for direct contact. In addition, where detected, no target compound concentration exceeded more conservative residential RBCs for direct contact.

- Direct contact with groundwater by an excavation worker is a complete pathway in areas where the PCE and associated target compound plume exists at a depth within 10 to 15 feet of the surface. As illustrated in Tables 2 through 4, the depth to groundwater ranged seasonally from 4 to 15 feet bgs depending on well location. The pathway is therefore complete and target contaminants must be screened against their applicable RBC (i.e., PCE at 5,600 micrograms per liter [ug/L], etc.). On-site investigation in early 2020 and 2021 further characterized the nature and extent of shallow groundwater quality in the on-site source area (PNG 2020a and 2021). The results of these investigations did not identify concentrations of shallow-zone groundwater contaminants above occupational direct contact RBCs.
- Volatilization of chemicals from subsurface soil or groundwater to indoor and outdoor air is a complete pathway for the Springvilla property as workers could potentially be exposed in indoor and outdoor air. In the off-site neighborhoods to the west where the plume exists, vapor intrusion to a resident or occupational worker could be of concern if the near surface water (i.e., water table) was contaminated at concentrations above newly updated DEQ RBCs for target compounds (i.e., PCE at 29 ug/L for resident and 130 ug/L for commercial receptors, etc.). However, in off-site areas, a layer of near-surface clean groundwater (i.e., below RBC screening levels) provides protection against vapor intrusion from the deeper contaminant plume.

The on-site source area investigations in 2020 and 2021 evaluated both source area soil and groundwater for potential vapor intrusion concerns (PNG 2020a and 2021). Shallow source-area groundwater investigation samples, including temporary well point borings and existing well installations, indicate the highest concentrations of shallow-groundwater target compounds were detected at six locations in proximity to the former interim remedial action measure (IRAM) excavation (i.e., IN-1s, and PNG-3, -9, -10 -12 and -16 [PNG 2021]). Concentrations of PCE ranged from 3.5 to 502 ug/L and TCE ranged from

not-detect to 461 ug/L. Screening of these on-site source area results using the updated DEQ vapor intrusion RBCs indicates multiple exceedances for an occupational groundwater vapor intrusion pathway. The detectable shallow-zone groundwater plume on the Mohawk Shopping Center property has been characterized and is primarily located beneath the former Waremart building. Evaluation of the on-site shallow-zone groundwater quality, relative to the updated DEQ vapor intrusion RBCs, indicate this pathway will require further evaluation in the risk assessment.

Soil quality samples collected from borings during the 2020 investigation were well below then established DEQ occupational RBCs. However, DEQ has eliminated both occupational (and residential) soil RBCs for vapor intrusion to buildings in lieu of updated RBCs using soil gas characterization. Screening soil gas results from the soil vapor pin network established at the site indicate multiple exceedances of current DEQ RBCs for a commercial vapor intrusion pathway. DEQ has required further investigation to better define the 3-dimensional nature and extent of the residual vapor plume at the site (DEQ 2023). It is also expected that the vapor intrusion pathway will require further evaluation in the risk assessment.

- Evaluation for domestic uses of groundwater in the LOF are ongoing. Of the 112 domestic wells identified in the LOF, four domestic wells and one municipal supply well have been identified as known drinking water sources. The applicable RBCs for PCE and TCE (trichloroethene) in residential drinking water are 12 ug/L and 0.49 ug/L, respectively. Other groundwater use receptor scenarios beyond that, established for generic RBC ingestion (i.e., such as irrigation contact), will require evaluation in the future risk assessment.
- Soil leaching to groundwater was previously considered a complete pathway as the PCE and TCE on the Springvillia property migrated through the surficial silts/sands into the gravel aquifer. Early 2020 investigations further characterized the current nature and extent of target compound soil quality in the on-site source area (PNG 2020a). While both PCE and TCE were detected at various concentrations in thirteen of seventeen soil samples from eleven push probe locations, all were below occupational RBCs for leaching to groundwater with one exception. PCE and TCE were detected at concentrations of 54 mg/kg and 0.31 mg/kg at PNG-6, located in the eastern wall of the former IRAM excavation and immediately adjacent to a building load-bearing post (PNG 2020a). The PCE and TCE both exceed their occupational RBCs of 1.9 mg/kg and 0.087 mg/kg for leaching to groundwater. It is expected that this pathway will be further evaluated in the future risk assessment for the site.
- Surface water has not been identified in the LOF; therefore, the plume discharge to surface water pathway is incomplete.

Potentially applicable RBCs for groundwater pathways are included in Tables 5 through 7. Since groundwater impacts have been identified in the off-site down-gradient area, and in proximity to a municipal water-supply well, EPA Maximum Contaminant Levels (MCLs) are applicable to down-gradient groundwater. As such, these levels are included as screening levels on the on-site Springvillia source-area groundwater data tables; the MCL for both PCE and TCE is 5 ug/L.

The characterization of the nature and extent of soil and groundwater contamination do not suggest pathways to ecological receptors. As the LOF becomes refined in the future, the need for ecological screening will be re-assessed.

3 GROUNDWATER MONITORING ACTIVITIES

Groundwater monitoring was completed at the site in October 2023 in accordance with PNG's Sampling and Analysis Plan (SAP) (PNG 2018b) approved by DEQ. The Q Street Municipal Supply well and 1350 N Street domestic wells were sampled on October 19, 2023 respectively. MW-49d could not be sampled because it was under pressure from Q Street Well maintenance discharges described in Section 2.5 and 4.1. Water levels were collected from all site monitoring wells on October 9, 2023, followed by groundwater sampling of selected site monitoring wells per the SAP. The significance of the water level monitoring is discussed in Section 4. Monitoring well sampling logs are included in Appendix A. The groundwater monitoring schedule, well screen depths, and groundwater elevations from the wells are summarized in Tables 1 through 4.

The groundwater samples were shipped with chain-of-custody documentation in sealed and chilled containers to Pace Analytical (Mt. Juliet, Tennessee) for analytical testing on a normal (14-day) turnaround basis. All groundwater samples, including trip blanks, were analyzed for the presence of target VOCs by EPA Method 8260D. Select wells were also sampled for expanded natural attenuation parameter analysis per the SAP including: total organic carbon (TOC) by EPA Method 9060A; nitrate, nitrite, and sulfate by EPA Method 300.0; total and dissolved iron and manganese by EPA Method 6020A; methane, ethane, and ethane (MEE) by Method RSK 175; and *Dehalococcoides* census (DHC). Groundwater analytical testing results are summarized in Tables 5 through 8. The laboratory analytical reports and chain-of-custody documentation for the samples are included in Appendix B.

Eighty gallons of investigative derived waste (IDW) water consisting of monitoring well sampling purge water was containerized in one 85-gallon drum containment that was temporarily stored on-site. On November 15, 2021, PNG submitted an *Updated Application to Dispose of Contaminated Groundwater* to the City of Springfield Industrial Pretreatment Program. The City of Springfield approved the permit on November 19, 2021, as a blanket permit to cover individual batch discharges at that time and in the future. On November 1, 2023, PNG submitted a request to the city for a batch discharge under the blanket permit. On November 20, 2023, the City approved the batch discharge. On November 22, 2023, the 80 gallons of IDW water was discharged under the blanket permit to the City of Springfield sanitary sewer (publicly operated treatment works [POTW]). All IDW water characterization, permitting, and disposal documentation is included in Appendix C.

4 RESULTS

A brief summary of findings regarding the semi-annual groundwater monitoring is provided below. This section presents an overview of site conditions in support of the conclusions presented in Section 5.

4.1 GROUNDWATER FLOW

Groundwater monitoring to-date has established a generally westerly groundwater flow with radial flow components from the southwest to northwest. Groundwater elevation data for site wells is presented in Tables 2 through 4. Shallow and intermediate zone groundwater contour maps for wells local to the Springvilla site with interpreted flow directions are illustrated in Figures 5 and 6. Shallow, intermediate, and deep zone groundwater contour maps for wells within the more regional LOF are illustrated in Figures 7 through 9.

Groundwater flow in the shallow and intermediate zones in the vicinity of the Springvilla site flows to the west-northwest as indicated in Figures 5 and 6. Further to the west and down-gradient, off-site flow is to the northwest consistent with regional flow (Figures 7 and 8). Historic data indicated an anomalous southwest flow direction from the site towards the pumping center at the McKenzie-Willamette Medical Center (McKenzie-Willamette); however, the October 2023 data do not reflect this strong of an anomaly.

The dry season October 2023 data flow directions are consistent with the directions plotted and interpreted for the wet season April 2023 data (PNG 2023). Depths to groundwater in October 2023 were similar in depth to those of the prior October 2022 event. Dry season event depths were one to four feet deeper compared to wet season event depths. The intermediate groundwater elevations indicate a similar trend between dry season and wet season events.

Deep zone groundwater flow in proximity to the site is generally to the northwest, consistent with regional groundwater flow (Figure 9). The contours reflect a residual drawdown cone of depression created by the Q Street well that was pumped at an average rate of approximately 165 gpm between April 2023 through September 2023 (RWD 2023). Groundwater level measurements and quality samples have been attempted at MW-49d since Q Street well rehabilitation in the summer of 2018. However, due to either seasonal pumping during summer months or maintenance discharges as noted during winter months, it is not possible. In either season there is such a strong hydraulic connection that MW-49d is either dry (under negative pressure) or unsafe to uncap (under positive pressure). Other deep wells further upgradient of Q Street indicated drawdowns with generally less magnitude as the distance increased.

Pumping assessment determined nearby wells located upgradient of Q Street (i.e., MW-49d and MW-47d) exhibit more response than cross-gradient wells (i.e., MW-45d and MW-46d). The response results in an asymmetrical cone of depression during both pumping and recovery periods. Pumping assessment also determined deep-zone groundwater levels surrounding the Q Street well did not show full recovery during non-pumping periods. While historical data are not available to show whether these residual drawdowns occurred in previous years, a long-term downward trend in deep-zone groundwater levels may be expected.

Based on the groundwater flow maps, the horizontal gradient is generally flat at approximately 0.005 feet/foot (ft/ft) across shallow, intermediate, and deep zones in proximity to the former Springvilla. Vertical gradients at nested single zone monitoring

wells in proximity to the former Springvilla are consistently downward ranging between 0.003 ft/ft to 0.1 ft/ft in all three aquifer zones.

Pumping assessment determined vertical gradients between the intermediate and deep zones change dramatically in proximity to the Q Street well, with a very strong downward component coincident with groundwater pumping. This gradient was strongly influenced by proximity to, and operation of, the Q Street well. Residual drawdowns observed in the deep zone surrounding the Q Street well indicate a relatively large vertical gradient persisted throughout the pumping assessment period in the vicinity of the Q Street well. The large gradients from both pumping and non-pumping periods represent a significant driving force for potential leakage between the intermediate and deep zones. Empirical evidence does not suggest significant leakage based on the observed lack of detectable contamination in deep-zone wells described in Section 4.2. At DEQ's request, groundwater modeling was completed to estimate vertical hydraulic conductivity to quantify empirical observations regarding potential leakage between the intermediate and deep zone under pumping conditions. The calculated vertical flow rate under pumping conditions ranged from 1.5E-04 feet/day (5×10^{-8} cm/s) at MW-42 to 4.0E-03 ft/day (1.4×10^{-6} cm/s) at the Q Street well. These vertical flow rates are significantly lower than horizontal flow rates in the area (PNG 2022).

4.2 GROUNDWATER QUALITY

The target VOCs established for the former Springvilla site include: PCE, TCE, cis-1,2-Dichloroethene (cis-1,2-DCE), and vinyl chloride. While these VOCs have been detected at various concentrations at the source in proximity to the former Springvilla Dry Cleaner, concentrations on the Mohawk Shopping Center property have been substantially remediated. The off-site plume starts at the west on-site boundary with moderate PCE concentrations of less than 200 ug/L that reduce to generally below detection limits with migration to the southwest, west, and northwest. These interpretations are illustrated in groundwater quality Figures 10 and 11 and isoconcentration contour Figures 12 through 17, and are further described in the following sections. PCE-TCE concentration trend charts for select wells are included in Appendix D.

4.2.1 Plume Geometry

The on-site well network has provided data that characterize significant reductions in plume concentrations from multiple IRAMs in close proximity to the former Springvilla Dry Cleaner and Waremart structure (Hart Crowser 2005). The highest initial concentration of PCE (7,800 ug/L) was detected in shallow groundwater (DEQ-4s at 10-25 feet bgs) in close proximity to the former Springvilla Dry Cleaner. Recent source area investigations identified an area of elevated residual shallow groundwater was present at PNG-16 centered on the former IRAM soil excavation with elevated concentrations (i.e., PCE up to 502 ug/L) located in near down-gradient areas (Figure 18) (PNG 2021). The shallow dissolved VOC plume has been extensively remediated and remains either not detected, or at relatively low concentrations compared to pre-remedial concentrations in the source area.

The highest initial concentrations of PCE in intermediate aquifer zone groundwater (2,000 ug/L at 50 to 70 feet bgs) were in close down-gradient proximity to the former Springvilla Dry Cleaner at MW-21i. PCE concentrations in on-site intermediate groundwater exhibit a similar reduction following IRAM activities, but have not reached non-detect levels. Recent focused on-site groundwater investigation at PNG-17 detected

PCE at a concentration of 1,860 ug/L at an intermediate-zone depth interval of 40-42.5 feet bgs (Figure 19).

The recent depth discrete samples from PNG-17, PNG-18, and PNG-19 (i.e., at depths of 30-32.5, 40-42.5, and 50-52.5 feet bgs) supplemented by on-site site monitoring well data, generally characterize the intermediate-zone groundwater on-site and refine the distribution of VOCs in a zone critical to the conceptual site model. While the highest on-site shallow-zone concentrations of VOCs were detected at PNG-16 in close proximity to the former Springvilla, the highest on-site concentrations down-gradient from there were detected in the upper intermediate zone at a depth of 40-42.5 feet bgs in PNG-17, PNG-18, and PNG-19. In this zone, PCE ranged between 53 to 1,860 ug/L (Figure 19).

PCE at a concentration of 1,860 ug/L is the highest detected in the intermediate-zone on the Springvilla site since July 2001 (i.e., MW-21i at 2,000 ug/L). Similar to shallow-zone groundwater contaminant findings, the relatively lower concentrations detected in the broader on-site intermediate-zone area likely reflect the effectiveness of prior IRAMs.

Further down-gradient at the western property boundary, contamination continues to be detected at MW-25 cmt at aquifer depths ranging from 30 to 83 feet bgs (Figures 10 and 11). During the October 2023 event at MW-25 cmt, PCE was detected at concentrations of 63, 61, and 46 ug/L at depths of 30, 43, and 83 feet bgs respectively.

The on-site data indicate a pattern of contaminant migration into the intermediate zone within a short distance of migration from the Springvilla source area (Figures 18 and 19). The data indicate shallow-zone contamination in close proximity to the Springvilla source migrates quickly into the upper-intermediate zone at a 40-50 foot depth interval, and then further down-gradient and off-site. This pattern of the highest contaminant concentrations in the intermediate-zone depth interval is consistent with off-site findings where the primary contaminant plume is located within a broader intermediate-zone depth range between 40 to 60 feet bgs throughout the locality of facility (PNG 2021).

On the south property boundary, PCE in MW-17i has been reduced from 1,200 ug/L in 2001 to at or near the detection limit starting in 2010; TCE was not detected in MW-17i during the October 2023 event. The lack of contamination at this location further reflects the effectiveness of prior IRAMs.

Off-site shallow groundwater impacts are generally well defined showing an elongated contaminant plume typical of VOC releases (Figures 12 and 15). The highest shallow off-site PCE and TCE concentrations of 10 ug/L and 1.7 ug/L were detected at MW-50s located within 200 feet of the Mohawk Shopping Center property. Shallow-zone groundwater contaminant concentrations rapidly decrease at MW-27 and MW-28 cmt located 1,000 feet down-gradient from the property.

Off-site deep-zone groundwater is not-detected at all locations sampled (Figures 11, 14, and 17).

Groundwater monitoring has established that the off-site plume is primarily limited to mid-depth portions of the aquifer between 40 to 60-foot depths (Figures 11, 13, and 16). This pattern of a diving plume with travel distance from the source is consistent with the downward vertical gradient pattern observed in nested wells. Progressively siltier soil, starting in the intermediate zone and continuing deeper into the alluvium, is likely the reason the plume has not migrated into the deeper aquifer zone.

The down gradient intermediate-zone plume migrating off-site is uncharacteristically wide with a plume front of at least 4,200 feet, oriented north to south. With regional groundwater flow consistent to the west-northwest, other hydraulic forces are likely responsible for the unusual plume geometry. To the north, pumping of the Maia and

Chase well fields are considered as possible influence on northerly plume migration (PNG 2020b). However, well construction, production rates, and well logs for the Maia and Chase well fields do not appear to explain anomalous contaminant plume geometry to the north of the Springville (PNG 2020b).

Some 1,600 feet to the southwest, historic pumping of seven McKenzie-Willamette wells are assumed to have influenced plume migration counter to the natural northwest flow direction. Five of those wells were removed and two shut down in 2015. Currently, there are no identified production wells to the south of the Springville and in proximity to the McKenzie-Willamette that would provide rationale for the currently observed plume configuration to the southwest and cross-gradient of groundwater flow from the Springville.

The bulk of the off-site monitoring wells were established during 2012 and 2016 remedial investigations (RI). Monitoring data from the off-site well network suggest the current extent of the groundwater contaminant plume is generally defined in down-gradient areas. However, recent assessment indicates a trend of slightly increasing concentrations in the intermediate plume (Tables 5, 6, and 7 and Appendix D) (PNG 2020b). These trends are observed across the broad off-site area, to the northwest, west, and southwest of the Springville. Specific areas have higher rates of concentration increase including to the northwest of the Springville in proximity to MW-28 cmt and MW-30 cmt (along Market Street) and to the southwest at MW-32 cmt, MW-34 cmt, and MW-36s,i in proximity to the McKenzie-Willamette. One off-site domestic irrigation well, located at 1350 N Street with groundwater quality data since 2003, also suggests a possible trend of increasing PCE concentrations (PNG 2020b).

The RWD Q Street well, some 4,200 feet to the west-northwest of the former Springville source, influences deep zone groundwater flow in the downgradient direction. Target compound contamination has not been detected in the Q Street well or deep-zone monitoring wells MW-46d, MW-47d, or MW-48d along the 12th Street alignment where vertical gradients are relatively large (Figures 9 and 14). Increasing contaminant trends in groundwater along Market Street wells indicated a potential for future expansion of the relatively low concentration PCE plume beyond the Q Street well (PNG 2022). Consequently, DEQ requested groundwater modeling (noted in Section 4.1) to evaluate for continued down-gradient plume migration. While the results of modeling along a transect running from the Springville through the Q Street well did not indicate future plume expansion, a more northern transect through MW-45s,i,d indicated potential intermediate zone plume expansion. Consequently, DEQ requested further evaluation including additional monitoring wells to the north and west of the detected contaminant plume (DEQ 2022).

Monitoring well network expansion was completed in August 2023 via installation of MW-51i, MW-52i, MW-53i (to the northeast, north, and northwest) and MW-54i (to the west) of the Springville plume (Figure 13). Consistent with the Quality Assurance Project Plan (QAPP) and Sampling Analysis Plan (PNG 2017, 2017a), passive diffusion bag (PDB) infrastructure (cables and hangars) and PDB samplers were deployed three weeks prior to the first sampling of each of the new monitoring wells. The first semi-annual sampling of these wells was completed during the October 2023 groundwater monitoring event.

Groundwater quality results from MW-51i and MW-52i, located primarily to the north and northeast of the Springville, were not detect for target contaminants (Figures 12 through 17). However, Springville target contaminants were detected in more northwesterly MW-53i within each of the upper, middle and lower zones of the 20 foot well screen interval (Table 5 and Figure 13).

One sampling event from MW-53i in conjunction with up-gradient MW-44i and MW-45i is not sufficient to draw definitive conclusions as to the adequacy of the current preliminary LOF. Future groundwater monitoring will provide additional data to define plume geometry and concentration trends.

The results of groundwater quality analysis from MW-54i located to the west of MW-34 cmt and on Springfield Public Schools (SPS) property did not detect Springvillia target compounds. Future monitoring will be used to assess if this well continues to adequately define the limits of the plume.

4.2.2 Groundwater Vapor Intrusion

October 2023 groundwater quality monitoring results from on-site monitoring wells were below DEQ's updated commercial vapor intrusion RBCs of 130 ug/L for PCE and 13 ug/L for TCE (Tables 5 and 7, Figures 11, 12, and 15). However, this monitoring well network is outside the footprint of the former Waremart Structure where the Springvillia was located. Prior temporary well point groundwater investigations completed in 2019 and 2021 within the former Waremart building footprint indicate shallow groundwater concentrations exceed updated DEQ commercial vapor intrusion RBCs at multiple locations (Figure 18). The exceedance of most-recent updated DEQ groundwater vapor intrusion RBCs indicate this pathway will require further evaluation in the risk assessment.

The relatively low concentration off-site groundwater plume covering approximately 180 acres is an additional area evaluated for potential vapor intrusion. This off-site plume underlies both commercial and residential properties. However, with distance downgradient from the Springvillia source, the plume has migrated deeper into the aquifer and is generally only present in the intermediate-zone aquifer. The sole exception to this general geometry is an apparent detached shallow-zone plume located in proximity to MW-28 cmt c1 and MW-50s (Figures 11, 12 and 15). While detected in the shallow-zone, concentrations of target VOCs in this area were below updated DEQ resident vapor intrusion RBCs during the October 2023 event. Other than this limited area of shallow-zone groundwater contamination, the bulk of the off-site plume is overlain by clean shallow-zone groundwater that provides protection against potential vapor intrusion.

As part of DEQ's required 2019 and 2021 on-site vapor intrusion investigations, two rounds of sub-slab soil gas vapor sampling were completed during high and low groundwater periods. Screening soil gas results from the soil vapor pin network indicate multiple exceedances of DEQ RBCs for a commercial vapor intrusion pathway. DEQ therefore requested further investigation to better define the 3-dimensional nature and extent of the on-site vapor plume. This investigation work plan was recently submitted to the agency on January 17, 2024 (PNG 2024a).

4.2.3 Groundwater Ingestion

The off-site Springvillia plume underlies an area that uses groundwater for domestic and municipal drinking water supply, as well as domestic irrigation well use. Over 100 private water wells have been identified in the preliminary LOF to-date, including the Q Street municipal-supply well. The spatial distribution and depth intervals covered by the off-site RI monitoring well network provide identification of areas at risk of exceeding drinking water (or potentially irrigation) RBCs. Domestic wells that are identified within the locality of groundwater contamination are being assessed and independently reported through the Domestic Well Beneficial Use Response Plan (PNG 2016).

At a distance of approximately 1,000 feet west of the former Springvilla Dry Cleaner, the off-site plume is characterized horizontally and vertically by a row of north-south trending wells that span approximately 3,200 lineal feet along the alignment of Market Street (MW-44, MW-33, MW-28, MW-30, MW-27, MW-31, MW-32, and MW-26 oriented north to south as illustrated on Figure 11). PCE concentrations greater than 5 ug/L (i.e., EPA MCL) and TCE concentrations greater than 0.49 ug/L (i.e., residential drinking water RBC) are characterized at multiple intervals in many of these wells indicating a plume front or width of at least 2,400 feet.

The greatest concentrations of target compounds are limited to the intermediate aquifer zone, likely resulting from the stratigraphic change from gravels to the more-silty matrix at depths between 40 to 60 feet bgs. The maximum PCE concentration observed in this zone is up to 200 ug/L from sampling events dating to 2014. The most recent October 2023 monitoring event detected PCE at a concentration up to 104 ug/L (MW-28 cmt c3) and TCE at concentrations up to 74 ug/L (MW-25 cmt c4).

Target VOCs were not detected below a depth of 100 feet in the off-site plume, consistent with prior monitoring events. This deeper zone represents the upper-most zone used for potable water withdrawal by the Q Street Well. At a distance of approximately 2,000 feet west of the former Springvilla Dry Cleaner, a second set of north-south trending monitoring wells span an approximately 2,300-foot alignment along 12th Street (MW-45, MW-46, MW-47, MW-48, and MW-41 on Figure 11). These wells substantially characterize the downgradient boundary of the western limit of the PCE and TCE plume. Twelve of these wells have historically been not detect and the remainder have historically been below residential RBCs.

Springvilla target contaminants were detected in monitoring well MW-53i within each of the upper, middle and lower zones of its 20 foot well screen interval spanning 40 to 60 feet bgs (Table 5 and Figure 13). Similar target compounds and concentrations are detected in adjacent up-gradient intermediate-zone monitoring wells MW-44i and MW-45i (Figure 13). Additional groundwater monitoring will be necessary to evaluate groundwater quality trends in this down-gradient area.

PCE and TCE at MW-34 cmt to the southwest of the Springvilla have consistently exceeded drinking water RBCs at a depth of 61 feet bgs (Tables 6 and 7; Figures 11, 13, 14, 16 and 17). However, the recent addition of MW-54i to the west on the SPS property and existing downgradient well locations MW-48 s,i,d and MW-38 cmt appear to bound the intermediate-zone plume. Additional monitoring of MW-54i will be necessary to verify the initial October 2023 sampling result.

On May 1, 2023 a sample was collected from the Q Street well; laboratory analysis did not detect target VOCs at a detection limit of 0.5 ug/L. Since January 2014, this well has been sampled 19 times with no target compound detections. Four wells (MW-37, MW-46, MW-47, and MW-49) with 15 discrete sample intervals are located between the Q Street well and the primary plume. At these locations, target VOCs are either not detected or below 1 ug/L. This group of wells represents a robust monitoring network between the Q Street well and the former Springvilla Dry Cleaner. MW-49d could not be sampled due to extended maintenance pumping events resulting in high levels of drawdown rendering sampling at this location infeasible.

Wells MW-42 and MW-43 are located north and cross gradient of the site and Springvilla plume. Over the last four semi-annual monitoring events both MW-42i and MW-43i have shown relatively low detections of PCE. During the October 2023 event PCE was detected at both MW-42i and MW-43i at low concentrations of 3.3 and 4.0 ug/L respectively. Concentrations in the latter well tend to be slightly higher during wet season

events. Where detected, the concentrations are below current applicable drinking water standards. While the detections at these locations could represent an off-site or contributing source, their magnitude is minor in comparison to the Springville plume.

MW-39 is located south and upgradient of the site. Consistent with prior monitoring events, this well did not contain target VOCs at a detection limit of 0.5 ug/L.

MW-41 is located southwest of both the former Springville and McKenzie-Willamette well field. With ongoing extraction (up until 2016) the McKenzie-Willamette well field was expected to be a hydraulic influence for the southwest extension of the Springville plume. As such, target VOC detections at MW-41 may represent another source. PCE was detected at a concentration of 1.6 ug/L in the intermediate zone between a depth of 40 and 60 feet, which is below the current applicable standard.

4.2.4 Natural Attenuation

Natural attenuation parameters are collected during regularly scheduled monitoring to establish geochemical conditions within the Springville contaminant plume. These parameters will be used to assess historic IRAM influences, support contaminant fate and transport modeling as needed, and support evaluation of a natural attenuation remedial alternative in the feasibility study (FS). A summary of these parameters is presented in Table 8.

Natural attenuation parameter wells include MW-24 cmt c4 and c7, MW-25 cmt c2, MW-27 cmt c3 and c7, MW-34 cmt c4, MW-35i, MW-44i,d, MW-47i,d, and MW-49i. This well distribution provides geochemical conditions on plume axis starting at upgradient well MW-24 and proceeding downgradient to the furthest well MW-49. Samples from MW-44, MW-47, and MW-49 likely represent background conditions as they are characterized as outside of the plume with low to no detections of target chemicals. The deep aquifer zone samples are also likely representative of background as the plume has not migrated vertically to this depth. Two additional well locations (MW-34 and MW-44) are transverse to the axis of the plume to the north and south, but still contain low concentrations of target chemicals (Figure 11).

With some seasonal variations, concentrations of PCE have generally decreased in the source area (MW-25) since the completion of remedial measures, indicating that degradation is continuing but likely slowing as expected due to decreasing contaminant concentrations.

Since completion of IRAMs in the source area (MW-25 cmt c4) dissolved oxygen, pH, ORP, and iron concentrations appear to have returned to values similar to that of up-gradient MW-24 cmt c4 suggesting a trend toward a pre-contamination environment. Dissolved oxygen, ORP, pH, and iron concentrations in downgradient areas have tended to vary with no definitive trend, but are expected to normalize over time following completion of source area IRAMs.

5 CONCLUSIONS

Semi-annual groundwater monitoring was completed in October 2023 with the objective of characterizing the extent and distribution of VOC contamination from the former Springvilla Dry Cleaner. The intent of the monitoring is to gather data sufficient to support a fully developed CSM. This event supports a primary data gap with dry season data for recently installed wells that can be compared to the April 2023 wet season event. A total of 81 wells (144 zones) were measured for water level while 59 wells (91 zones) were sampled for water quality. Select wells were also sampled for geochemistry to support the natural attenuation evaluation. The Q Street Water-Supply well and 1350 N Street domestic well were sampled during this event. Conclusions from the October 2023 groundwater monitoring, along with prior groundwater monitoring, are summarized as follows:

- Groundwater flow from the site is westerly with radial flow components from the southwest to northwest contingent on aquifer zone. Both shallow and intermediate groundwater flow indicate west to northwesterly flow consistent with the prior wet season data. The dry season October 2023 flow directions are consistent with the directions plotted and interpreted for the wet season April 2023 event (PNG 2023). In earlier monitoring events a southwesterly flow direction in shallow and intermediate groundwater was characterized as being related to pumping at the McKenzie-Willamette well field. This flow appears to have changed to a west-northwest direction. Deep groundwater flow is to the northwest.
- Vertical gradients at nested wells across the site are consistently downward. The pumping assessment determined a small downward vertical gradient between the shallow and intermediate zones, and the gradient was larger in the vicinity of the Q Street well. Vertical gradients between the intermediate and deep zones are downward and change dramatically in proximity to the Q Street municipal supply well with a very strong downward component consistent with groundwater pumping. Neither groundwater monitoring nor hydraulic modeling suggests a meaningful connection between the intermediate and deep zones. The drawdown cone of depression from the Q Street well is evident in the deep groundwater contours. Nearby wells located upgradient of Q Street (i.e., MW-49d and MW-47d) exhibit more response than cross-gradient wells (i.e., MW-45d and MW-46d). The response results in an asymmetrical cone of depression during both pumping and recovery periods; hydraulic effects from this well on the plume(s) are the subject of ongoing pumping assessment.
- The pumping assessment determined deep-zone groundwater levels surrounding the Q Street well did not show full recovery during non-pumping periods. While historical data are not available to show whether these residual drawdowns occurred in previous years, a long-term downward trend in deep-zone groundwater levels may be expected.
- Comparison of semi-annual monitoring events completed in dry season October 2023 and wet season April 2023 indicate on-site groundwater quality is generally consistent between events.
- Low concentration detections of target VOCs were not identified in up-gradient wells during this event. When detected in prior events they have been below applicable drinking water standards and were minor in comparison to the magnitude of the Springvilla plume.

- The on-site well network has provided data that characterize significant reductions in plume concentrations from multiple IRAMs in close proximity to the former Springvilla Dry Cleaner and Waremart structure. The highest initial concentration of PCE (7,800 ug/L) was detected in shallow groundwater (DEQ-4s at 10-25 feet bgs) in close proximity to the former Springvilla Dry Cleaner. Recent source area investigations identified an area of elevated residual shallow groundwater was present at PNG-16, centered on the former IRAM soil excavation and Springvilla with elevated concentrations (i.e., PCE up to 502 ug/L) located in near down-gradient areas. The shallow dissolved VOC plume has been extensively remediated and remains either not detected, or at relatively low concentrations compared to pre-remedial concentrations in the source area.
- The highest initial concentrations of PCE in intermediate aquifer zone groundwater (2,000 ug/L at 50 to 70 feet bgs) were in close down-gradient proximity to the former Springvilla Dry Cleaner at MW-21i. PCE concentrations in on-site intermediate groundwater exhibit a similar reduction following IRAM activities, but have not reached non-detect levels. The 2021 focused on-site groundwater investigation at PNG-17 detected PCE at a concentration of 1,860 ug/L at an intermediate-zone depth interval of 40-42.5 feet bgs.
- PCE at a concentration of 1,860 ug/L is the highest detected in the intermediate-zone on the Springvilla site since July 2001 (i.e., MW-21i at 2,000 ug/L). Similar to shallow-zone groundwater contaminant findings, the relatively lower concentrations detected in the broader on-site intermediate zone area likely reflects the effectiveness of prior IRAMs.
- The on-site data indicate a pattern of contaminant migration into the intermediate zone (within a short distance of migration) from the Springvilla source area. The data indicate shallow-zone contamination in close proximity to the Springvilla source migrates quickly into the upper-intermediate zone at a 40-50 foot depth interval, and then further down-gradient and off-site. This pattern of the highest contaminant concentrations in the intermediate-zone depth interval is consistent with off-site findings where the primary contaminant plume is located within a broader intermediate-zone depth range between 40 to 60 feet bgs throughout the locality of facility.
- October 2023 on-site shallow-zone groundwater quality monitoring results were below DEQ's updated commercial vapor intrusion RBCs. However, this monitoring well network is outside the footprint of the former Waremart Structure where recent shallow-zone temporary well point groundwater investigations indicate shallow groundwater concentrations exceed updated DEQ commercial vapor intrusion RBCs. DEQ has required further investigation to better define the 3-dimensional nature and extent of the residual vapor plume at the site. This pathway will require further evaluation in the risk assessment.
- As part of DEQ's required 2019 and 2021 on-site vapor intrusion investigations, two rounds of sub-slab soil gas vapor sampling were also completed during high and low groundwater periods. Screening soil gas results from the soil vapor pin network indicate multiple exceedances of DEQ RBCs for a commercial vapor intrusion pathway. DEQ has required further investigation to better define the 3-dimensional nature and extent of the plume. This pathway will require further evaluation in the risk assessment.

- Target VOCs were not detected in shallow off-site groundwater at concentrations exceeding updated DEQ residential RBCs, including an area of shallow-zone contamination in proximity to MW-28 cmt c1 and MW-50s that is thought to represent a possible detached plume. Current data indicate contamination has generally migrated from the on-site shallow aquifer zone to the down-gradient intermediate aquifer zone. Other than the small area of off-site shallow-zone contamination, the bulk of the off-site plume is overlain by clean shallow-zone groundwater that provides protection against potential vapor intrusion.
- Off-site plume concentrations are greatest in the mid-depth portions of the aquifer, while deeper groundwater was non-detect at all locations sampled. Progressively siltier soil starting in the intermediate zone is likely preventing vertical migration of contamination to deeper zones. This deeper zone represents the upper-most zone used for potable water withdrawal by the Q Street Well.
- Contaminant concentrations are slightly increasing in nearly every Market Street alignment intermediate-zone well.
- The down-gradient plume migrating off-site is uncharacteristically wide with a plume front of at least 4,200 feet, oriented north to south. With regional groundwater flow to the west northwest, other hydraulic forces have been considered to be responsible for the unusual geometry.
- Well construction, production rates, and well logs for the Maia and Chase well fields do not explain anomalous contaminant plume geometry to the north of the Springvilla.
- Historic pumping of the McKenzie-Willamette wells may have been the primary influence on plume migration to the southwest and creating the observed anomalously wide plume front. Currently there are no identified production wells to the south of the Springvilla and in proximity to the McKenzie-Willamette. There is little to support the currently observed plume configuration to the southwest and cross-gradient of groundwater flow from the Springvilla.
- Monitoring well network expansion was completed in August 2023 with installation of MW-51i, MW-52i, MW-53i (to the north) and MW-54i (to the west) of the Springvilla. The first sampling of these additional wells was completed during the October 2023 event.
- Springvilla target contaminants were not detected at MW-51i or MW-52i located to the north and northeast of the Springvilla. However, target contaminants were detected in MW-53i located to the northwest of the Springvilla. Springvilla target contaminants were similarly detected in adjacent up-gradient intermediate-zone monitoring wells MW-44i and MW-45i. Additional monitoring will be necessary to verify groundwater quality trends in the vicinity of MW-51i, MW-52i, and MW-53i.
- Groundwater quality results from new well MW-54i, located on the SPS property, and downgradient well locations MW-48 s,i,d and MW-38 cmt, appear to bound the westerly extent of the intermediate-zone groundwater plume. Future monitoring will be used to assess if this well continues to adequately define the limits of the plume.
- New monitoring wells MW-51i through MW-54i were constructed with 20-foot screen intervals with PDBs initially deployed at the upper, middle, and lower portion of each well's screen interval. Consistent with prior events, once the PDB

results become available for both a wet season and dry season event, an appropriate single interval will be selected in consultation with DEQ for selection of an optimal long term monitoring interval.

- Concentrations of PCE and degradation products have decreased steadily in the source area indicating there is an on-going trend toward a pre-contamination environment. Degradation products in downgradient areas have tended to vary greatly with no definitive trend but are expected to normalize over time following completion of source area IRAMs.
- Analysis of water samples from the Q Street municipal supply well did not detect target VOCs during the October 2023 sampling event, consistent with all historic data. In addition, deep-zone monitoring wells MW-46, MW-47, and MW-48, located along the 12th Street alignment and between Q Street and the Springvilla groundwater plume, were not-detect for target compounds. These wells represent a robust monitoring network for protection of the Q Street supply well.
- Focused RI efforts involving the 2016 off-site well installations, on-going sampling, and 2019 and 2020 hydraulic analyses, added critical data to the conceptual site model (CSM). In particular, these investigations suggested the contaminant plume was bounded by an approximate 1.5 square mile area with S Street to the north, 21st Street to the East, E Street to the South, and 7th Street to the West. However, groundwater modeling completed in 2022 indicated the potential for additional plume migration. DEQ requested expansion of the off-site monitoring well network involving MW-51i, MW-52i, MW-53i and MW-54i. The initial sampling of these off-site wells during the October 2023 groundwater monitoring event suggest additional monitoring will be necessary to evaluate groundwater quality trends and assess the adequacy of the current preliminary LOF.
- Residential ingestion of groundwater continues to be a primary focus of concern within the LOF downgradient of the former Springvilla site. This concern is generally limited to the area between the site and row of monitoring wells located along 12th Street. However, modeling indicates potential for intermediate zone plume expansion to the north of Q Street. Consequently, DEQ has requested expansion of the LOF and additional sentinel wells in this area that will be the subject of future RI activities. Irrigation use of groundwater is also a concern and will be evaluated as part of the future risk assessment.

6 LIMITATIONS

PNG has prepared this report for use by McKay Investment Company, LLC. This report may be made available to future property owners and to regulatory agencies. This report is not intended for use by others and the information contained herein is not applicable to other sites.

Our interpretation of subsurface conditions is based on field observations and chemical analytical data. Areas with contamination may exist in portions of the site that were not explored or analyzed.

Within the limitations of scope, schedule, and budget, our services have been executed in accordance with generally accepted practices and laws, rules, and regulations at the time that the report was prepared. No other conditions, express or implied, should be understood.

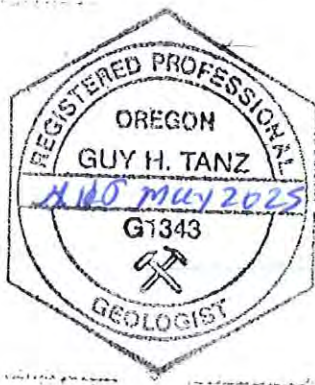
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TABLES

Table 2
Groundwater Elevation Data - Shallow Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Notes:
^a Vertical Datum: NAVD(88) - by Statewide Land Surveying (Aug 2011, Aug 2012, Jan 2014, July 2016)
^b Vertical Datum: NAVD(88) - by Statewide Land Surveying (June 2017)
^c Abandoned
^d MW-43s measured on 04/11/2019
^e MW-43s measured on 10/08/2019
^f MW-44s measured on 04/20/2021

btc = Below Top of Casing
msl = Mean Sea Level
TOC = Top of Casing
August 2002 through April 2011 Measured by Hart Crowser

Table 3
Groundwater Elevation Data - Intermediate and Deep-Zone Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Date Measured	Measured Water Level (feet btc)									
Screen (btc)	MW-47i	MW-47d	MW-48i	MW-48d	MW-49i	MW-49d	MW-51i	MW-52i	MW-53i	MW-54i
Top	39.88	106.12	40.17	105.29	38.98	105.18	40.47	39.88	40.41	44.96
Bottom	59.42	115.62	59.71	114.79	58.48	114.68	59.97	59.38	59.91	64.46
TOC (msl)	456.31	456.25	459.37	459.33	452.59	452.30				
TOC (msl) ^b							462.01	456.53	452.14	457.79
08/21/2002										
06/24/2003										
01/05/2004										
04/12/2004										
10/12/2004										
01/14/2005										
02/25/2005										
04/20/2005										
07/18/2005										
10/13/2005										
10/20/2005										
10/21/2005										
11/21/2005										
01/16/2006										
07/11/2006										
01/23/2007										
08/29/2007										
07/08/2008										
04/07/2009										
07/01/2009										
10/07/2009										
04/01/2010										
10/21/2010										
04/06/2011										
07/19/2012										
04/14/2014										
10/20/2014										
07/06/2016	9.65	77.64	10.49	68.24	9.35	34.63				
03/28/2017	6.39	78.22	6.74	63.56	6.43	106.01				
10/24/2017	9.49	95.45	9.57	75.65	9.71	111.04				
12/06/2017	7.31	54.15	7.80	44.81	7.29	61.14				
02/01/2018	6.23	33.03	6.88	28.77	6.25	36.63				
04/23/2018	6.85	31.42	7.69	27.85	6.75	35.11				
10/08/2018	10.82	90.95	11.45	72.58	10.64	dry				
04/24/2019	4.95	35.73	5.38	30.00	4.84	dry				
10/07/2019 ^c	8.95	50.63	9.63	49.14	8.79	110.00				
04/13/2020	7.61	44.85	8.36	31.21	7.37	^d				
10/05/2020	10.02	62.16	10.75	51.96	9.71	^d				
04/19/2021	8.64	50.22	9.65	35.19	8.44	^d				
10/04/2021	9.08	79.87	10.49	73.93	9.58	^d				
04/11/2022	7.06	45.68	7.66	34.69	7.26	^d				
10/11/2022	10.24	54.46	11.38	44.33	9.71	^d				
04/25/2023	6.48	44.31	7.08	38.94	6.40	^d				
10/09/2023	10.20	67.09	11.14	54.29	9.92	^d	15.53	15.42	12.69	8.04

Table 3
Groundwater Elevation Data - Intermediate and Deep-Zone Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Date Measured	Groundwater Elevation (feet msl) ^a									
Screen (btc)	MW-47i	MW-47d	MW-48i	MW-48d	MW-49i	MW-49d	MW-51i	MW-52i	MW-53i	MW-54i
Top	416.43	350.13	419.20	354.04	413.61	347.12	421.54	416.65	411.73	412.83
Bottom	396.89	340.63	399.66	344.54	394.11	337.62	402.04	397.15	392.23	393.33
08/21/2002										
06/24/2003										
01/05/2004										
04/12/2004										
10/12/2004										
01/14/2005										
02/25/2005										
04/20/2005										
07/18/2005										
10/13/2005										
10/20/2005										
10/21/2005										
11/21/2005										
01/16/2006										
07/11/2006										
01/23/2007										
08/29/2007										
07/08/2008										
04/07/2009										
07/01/2009										
10/07/2009										
04/01/2010										
10/21/2010										
04/06/2011										
07/19/2012										
04/14/2014										
10/20/2014										
07/06/2016	446.66	378.61	448.88	391.09	443.24	417.67				
03/28/2017	449.92	378.03	452.63	395.77	446.16	346.29				
10/24/2017	446.82	360.80	449.80	383.68	442.88	341.26				
12/06/2017	449.00	402.10	451.57	414.52	445.30	391.16				
02/01/2018	450.08	423.22	452.49	430.56	446.34	415.67				
04/23/2018	449.46	424.83	451.68	431.48	445.84	417.19				
10/08/2018	445.49	365.30	447.92	386.75	441.95	dry				
04/10/2019	451.36	420.52	453.99	429.33	447.75	dry				
10/07/2019 ^c	447.36	405.62	449.74	410.19	443.80	342.30				
04/13/2020	448.70	411.40	451.01	428.12	445.22	^d				
10/05/2020	446.29	394.09	448.62	407.37	442.88	^d				
04/19/2021	447.67	406.03	449.72	424.14	444.15	^d				
10/04/2021	447.23	376.38	448.88	385.40	443.01	^d				
04/11/2022	449.25	410.57	451.71	424.64	445.33	^d				
10/11/2022	446.07	401.79	447.99	415.00	442.88	^d				
04/25/2023	449.83	411.94	452.29	420.39	446.19	^d				
10/09/2023	446.11	389.16	448.23	405.04	442.67	^d	446.48	441.11	439.45	449.75

Table 3
Groundwater Elevation Data - Intermediate and Deep-Zone Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Notes:
^a Vertical Datum: NAVD(88) - by Statewide Land Surveying (Aug 2011, Aug 2012, Jan 2014, July 2016)
^b Vertical Datum: NAVD(88) - by Statewide Land Surveying (June 2017, August 2023)
^c MW-43i and MW-43d measured on 10/08/2019, MW-49d measured on 10/09/2019
^d MW-49d could not be measured
btc = Below Top of Casing
msl = Mean Sea Level
TOC = Top of Casing
August 2002 through April 2011 Measured by Hart Crowser

Table 4
Groundwater Elevation Data - CMT Wells
Former Springvillla Dry Cleaner
Springfield, Oregon

Date Measured	Measured Water Level (feet btc)				Measured Water Level (feet btc)				Measured Water Level (feet btc)						
Screen Bottom (btc)	MW-31 cmt				MW-32 cmt				MW-33 cmt						
	32.67	46.16	57.67	69.70	29.18	44.71	59.70	67.96	15.10	30.13	44.16	60.20	72.20	98.35	115.41
TOC (msl)	460.37	460.37	460.37	460.37	460.88	460.88	460.88	460.88	458.18	458.18	458.18	458.18	458.18	458.18	458.18
09/21/2011															
07/19/2012															
04/14/2014	5.73	5.70	5.15	53.14	5.87	5.91	5.68	5.08	8.09	8.05	7.81	6.96	7.44	5.09	13.51
10/20/2014	6.72	6.76	6.28	65.16	6.46	6.95	6.66	64.50	8.82	9.50	9.63	10.00	10.33	16.12	24.57
07/06/2016	7.25	7.33	6.79	dry	7.10	7.31	7.15	dry	8.93	9.43	9.57	9.86	10.18	15.67	21.04
03/28/2017	3.92	3.91	3.46	67.70	3.80	4.03	3.88	67.33	7.21	6.86	6.59	6.71	6.97	12.25	17.99
10/23/2017	5.87	5.94	5.78	67.64	5.39	5.84	5.72	67.33	8.85	9.39	9.51	9.83	10.09	16.19	22.51
12/06/2017	5.05	5.09	4.69	67.64	5.06	5.17	4.96	67.33	7.88	7.91	7.78	8.02	8.25	13.62	20.10
02/01/2018	4.41	4.43	4.00	67.62	4.46	4.52	4.35	67.34	7.54	7.30	7.08	7.22	7.45	12.45	18.87
04/23/2018	5.14	5.16	4.65	dry	5.36	5.25	5.01	67.33	7.77	7.62	7.45	7.60	7.82	12.65	19.12
10/08/2018	8.02	8.09	8.06	67.12	7.57	7.94	7.87	67.34	9.54	10.36	10.57	10.91	11.13	17.11	23.69
01/03/2019															
04/10/2019	2.78	2.84	2.61	66.79	2.98	3.00	2.81	67.33	6.69	6.07	5.77	5.79	6.00	11.26	18.23
10/07/2019*	29.52	6.85	6.31	0.40	6.24	6.32	6.09	67.08	8.56	9.01	9.10	9.32	9.63	15.29	22.35
04/13/2020	28.36	5.66	4.96	68.29	5.87	5.63	5.40	67.37	8.14	8.23	8.16	8.35	8.57	15.23	23.42
10/05/2020	29.96	7.24	38.61	67.88	7.83	7.06	6.93	67.36	9.17	9.76	9.84	10.12	10.32	15.64	20.23
04/19/2021	6.59	6.56	5.98	37.44	6.14	6.53	6.47	65.57	8.60	8.91	8.92	9.11	9.29	14.58	20.71
10/04/2021	6.61	6.61	6.02	68.22	6.36	6.49	6.35	65.59	8.78	9.39	9.49	9.79	10.00	14.39	18.18
04/11/2022	4.33	4.42	3.93	67.68	4.36	4.43	4.29	67.32	7.70	7.65	7.51	7.70	7.90	21.56	17.41
10/11/2022	8.03	8.07	7.62	68.25	7.59	7.79	7.69	64.27	9.22	9.90	10.06	10.34	10.51	15.33	22.19
04/25/2023	4.25	4.24	3.69	67.40	4.33	4.30	4.08	67.50	8.14	7.19	6.91	7.06	7.20	11.68	17.24
10/09/2023	7.18	7.24	6.87	62.66	6.68	7.07	6.98	66.12	9.18	9.97	10.16	10.51	10.70	16.71	23.89

Date Measured	Groundwater Elevation (feet msl) ^a				Groundwater Elevation (feet msl) ^a				Groundwater Elevation (feet msl) ^a						
Screen Bottom (btc) (msl)	MW-31 cmt				MW-32 cmt				MW-33 cmt						
	427.70	414.21	402.70	390.67	431.70	416.17	401.18	392.92	443.08	428.05	414.02	397.98	385.98	359.83	342.77
09/21/2011															
07/19/2012															
04/14/2014	454.64	454.67	455.22	407.23	455.01	454.97	455.20	455.80	450.09	450.13	450.37	451.22	450.74	453.09	444.67
10/20/2014	453.65	453.61	454.09	395.21	454.42	453.93	454.22	396.38	449.36	448.68	448.55	448.18	447.85	442.06	433.61
07/06/2016	453.12	453.04	453.58	dry	453.78	453.57	453.73	dry	449.25	448.75	448.61	448.32	448.00	442.51	437.14
03/28/2017	456.45	456.46	456.91	392.67	457.08	456.85	457.00	393.55	450.97	451.32	451.59	451.47	451.21	445.93	440.19
10/23/2017	454.50	454.43	454.59	392.73	455.49	455.04	455.16	393.55	449.33	448.79	448.67	448.35	448.09	441.99	435.67
12/06/2017	455.32	455.28	455.68	392.73	455.82	455.71	455.92	393.55	450.30	450.27	450.40	450.16	449.93	444.56	438.08
02/01/2018	455.96	455.94	456.37	392.75	456.42	456.36	456.53	393.54	450.64	450.88	451.10	450.96	450.73	445.73	439.31
04/23/2018	455.23	455.21	455.72	dry	455.52	455.63	455.87	393.55	450.41	450.56	450.73	450.58	450.36	445.53	439.06
10/08/2018	452.35	452.28	452.31	393.25	453.31	452.94	453.01	393.54	448.64	447.82	447.61	447.27	447.05	441.07	434.49
01/03/2019															
04/10/2019	457.59	457.53	457.76	393.58	457.90	457.88	458.07	393.55	451.49	452.11	452.41	452.39	452.18	446.92	439.95
10/07/2019	430.85	453.52	454.06	459.97	454.64	454.56	454.79	393.80	449.62	449.17	449.08	448.86	448.55	442.89	435.83
04/13/2020	432.01	454.71	455.41	392.08	455.01	455.25	455.48	393.51	450.04	449.95	450.02	449.83	449.61	442.95	434.76
10/05/2020	430.41	453.13	421.76	392.49	453.05	453.82	453.95	393.52	449.01	448.42	448.34	448.06	447.86	442.54	437.95
04/19/2021	453.78	453.81	454.39	422.93	454.74	454.35	454.41	395.31	449.58	449.27	449.26	449.07	448.89	443.60	437.47
10/04/2021	453.76	453.76	454.35	392.15	454.52	454.39	454.53	395.29	449.40	448.79	448.69	448.39	448.18	443.79	440.00
04/11/2022	456.04	455.95	456.44	392.69	456.52	456.45	456.59	393.56	450.48	450.53	450.67	450.48	450.28	436.62	440.77
10/11/2022	452.34	452.30	452.75	392.12	453.29	453.09	453.19	396.61	448.96	448.28	448.12	447.84	447.67	442.85	435.99
04/25/2023	456.12	456.13	456.68	392.97	456.55	456.58	456.80	393.38	450.04	450.99	451.27	451.12	450.98	446.50	440.94
10/09/2023	453.19	453.13	453.50	397.71	454.20	453.81	453.90	394.76	449.00	448.21	448.02	447.67	447.48	441.47	434.29

Table 4
Groundwater Elevation Data - CMT Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Notes:
^a Vertical Datum: NAVD(88) - by Statewide Land Surveying (Aug 2011, Jan 2014)
btc = Below Top of Casing
Screen length is 0.5 feet
* MW-31 CMT water levels measured 10/14/2019
msl = Mean Sea Level
TOC = Top of Casing

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCS
MW-1s (IN-4s)	10 - 25	10/04/1999	140	6.4	2.8	-	149
		02/07/2000	120	2.8	1.1	-	124
		05/02/2000	160	4.8	2.1	-	167
		04/19/2001	140	3.5	1.2	-	145
		07/18/2001	79	3.3	1.4	-	84
		08/21/2002	40	2.0	1 U	-	42
		01/14/2005	36	1.1	1 U	1 U	37
		04/21/2005	30	1 U	1 U	-	30
		07/18/2005	31	1 U	1 U	1 U	31
		10/13/2005	28	1.1	1 U	-	29
		01/17/2006	18	1 U	1 U	1 U	18
		07/10/2006	22	1 U	1 U	1 U	22
		01/23/2007	11	1 U	1 U	-	11
		08/29/2007	14	1 U	1 U	1 U	14
		04/01/2010	1 U	1 U	1 U	1 UJ	1 U
		04/06/2011	1 U	1 U	1 U	1 U	1 U
		08/01/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/14/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)		04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		04/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/23/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/19/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/04/2023	0.55	0.5 U	0.5 U	0.5 U	0.55
		10/16/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-2s	10 - 25	10/13/2005	16	1 U	1 U	-	16
		01/16/2006	11	1 U	1 U	1 U	11
		07/10/2006	11	1 U	1 U	1 U	11
		01/22/2007	3.0	1 U	1 U	-	3.0
		08/30/2007	5.9	1 U	1 U	1 U	5.9
		07/08/2008	1.5	0.5 U	2.4	0.5 U	3.9
		07/01/2009	1 U	1 U	1 U	1 U	1 U
		10/22/2010	1 U	1 U	1 U	1 U	1 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/23/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/20/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/04/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/20/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/04/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-3s (EX-2s)	10 - 25	10/04/1999	620	11	1 U	-	631
		02/07/2000	420	1.9	1 U	-	422
		05/02/2000	570	3.4	1 U	-	573
		04/19/2001	420	2.5	1 U	-	423
		07/18/2001	610	10 U	10 U	-	610
		08/22/2002	690	9.0	1 U	-	699

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCS
MW-3s (cont'd)	10 - 25	06/24/2003	380	2.9	1 U	-	383
		01/05/2004	330	2.6	1 U	-	333
		04/12/2004	302	2.3	2 U	-	304
		10/12/2004	310	2.3	1 U	1 U	312
		01/14/2005	290	2.3	1 U	1 U	292
		04/21/2005	320	2.8	1 U	-	323
		10/13/2005	380	1 U	1 U	-	380
		11/21/2005	300	2.7	1 U	-	303
		01/16/2006	350	10 U	10 U	10 U	350
		07/10/2006	260	10 U	10 U	10 U	260
		01/22/2007	290	10 U	10 U	-	290
		08/29/2007	246	2.2	2 U	2 U	248
		10/03/2007	227	3.2	2 U	2 U	230
		11/07/2007	204	3 U	3 U	3 U	204
		12/06/2007	255	3.8	3 U	3 U	259
		01/09/2008	267	5 U	5 U	5 U	267
		02/14/2008	664	12	3 U	3 U	676
		03/12/2008	602	20 U	20 U	20 U	602
		04/10/2008	584	20 U	20 U	20 U	584
		05/12/2008	593	16	11	3 U	620
		07/09/2008	494	14	13	10 U	521
		09/10/2008	310	5 U	5 U	5 U	310
		12/02/2008	428	13	18	3 U	459
		04/07/2009	5 U	5 U	5 U	7.3	7.3
		04/01/2010	1 U	1 U	1 U	1 UJ	1 U
		10/21/2010	1 U	1 U	1 U	1 U	1 U
		04/05/2011	1 U	1 U	1 U	1 U	1 U
		08/01/2012	1 U	1 U	1 U	1 U	1 U
		04/15/2014	0.5 U	0.5 U	0.5 U	0.56	0.56
		07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/04/2017	0.5 U	0.5 U	0.5 U	0.87	0.87
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.64	0.64
		04/16/2020	0.5 U	0.5 U	0.5 U	0.55	0.55
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/23/2021	0.5 U	0.5 U	0.5 U	0.93	0.93
		10/08/2021	0.5 U	0.5 U	0.5 U	0.90	0.90
		04/15/2022	0.5 U	0.5 U	0.5 U	0.68	0.68
		10/20/2022	0.5 U	0.5 U	0.5 U	0.95	0.95
		05/04/2023	0.5 U	0.5 U	0.5 U	0.76	0.76
		10/16/2023	0.5 U	0.5 U	0.5 U	1.2	1.2
MW-4s	10 - 25	02/07/2000	19	1 U	1 U	-	19
		05/02/2000	19	1 U	1 U	-	19
		04/19/2001	8.5	1 U	1 U	-	8.5
		07/18/2001	15	0.5 U	0.5 U	-	15
		06/24/2003	10	1 U	1 U	-	10
		01/05/2004	3.9	1 U	1 U	-	3.9
		04/12/2004	9.0	1 U	1 U	-	9.0
		10/12/2004	3.7	1 U	1 U	1 U	3.7
		02/25/2005	8.4	1 U	1 U	-	8.4
		04/20/2005	7.7	1 U	1 U	-	7.7
		10/13/2005	5 U	1 U	1 U	-	5 U
		11/21/2005	1.8	1 U	1 U	-	1.8
		01/16/2006	3.1	1 U	1 U	1 U	3.1
		07/10/2006	3.3	1 U	1 U	1 U	3.3
		01/23/2007	3.2	1 U	1 U	-	3.2

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCS
MW-4s (cont'd)	10 - 25	08/30/2007	1.8	1 U	1 U	1 U	1.8
		07/08/2008	2.6	0.5 U	0.5 U	0.5 U	2.6
		07/01/2009	6.5	1 U	1 U	1 U	6.5
		04/04/2010	12	1 U	1 U	1 UJ	12
		10/21/2010	3.1	1 U	1 U	1 U	3.1
		04/05/2011	6.4	1 U	1 U	1 U	6.4
MW-5s	10 - 25	02/07/2000	3.0	1 U	1 U	-	3.0
		05/02/2000	3.2	1 U	1 U	-	3.2
		04/19/2001	1 U	1 U	1 U	-	1 U
		07/18/2001	8.6	0.5 U	0.5 U	-	8.6
		08/21/2002	1 U	9.4	1 U	-	9.4
		06/24/2003	1 U	1 U	1 U	-	1 U
		01/05/2004	1 U	1 U	1 U	-	1 U
		04/12/2004	1 U	1 U	1 U	-	1 U
		10/12/2004	1 U	1 U	1 U	1 U	1 U
		02/25/2005	2.2	1 U	1 U	1 U	2.2
		04/20/2005	1.6	1 U	1 U	-	1.6
		07/08/2008	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/01/2009	1 U	1 U	1 U	1 U	1 U
		10/22/2010	1 U	1 U	1 U	1 U	1 U
		04/06/2011	1 U	1 U	1 U	1 U	1 U
MW-6s	15 - 25	07/18/2001	9.9	0.5 U	0.5 U	-	9.9
		08/21/2002	1 U	1 U	1 U	-	1 U
		07/08/2008	0.89	0.5 U	0.5 U	0.5 U	0.89
		07/01/2009	1 U	1 U	1 U	1 U	1 U
		10/22/2010	0.50 J	1 U	1 U	1 U	0.50
		04/05/2011	1 U	1 U	1 U	1 U	1 U
MW-7i	50 - 70	07/18/2001	83	2.9	1.7	-	88
		08/21/2002	63	2.3	1.2	-	67
		07/08/2008	38	0.96	1.4	1.1	42
		07/01/2009	36	1.2	6.1	1.0	44
		10/22/2010	1 U	2.0	6.7	1.9	11
MW-9i	50 - 70	07/18/2001	49	2.1	1.1	-	52
		08/22/2002	24	1.9	1.0	-	27
		07/18/2005	12	1 U	1 U	1 U	12
		10/13/2005	13	100	1 U	-	113
		01/17/2006	12	1.1	1 U	1 U	13
		07/11/2006	11	1.1	1 U	1 U	12
		01/23/2007	9.2	1 U	1 U	-	9.2
		08/29/2007	6.5	1.2	1 U	1 U	7.7
		07/01/2009	6.4	1 U	1 U	1 U	6.4
		10/22/2010	1.4	1 U	1 U	3.4	4.8
MW-10s	15 - 25	07/18/2001	65	2.0	1 U	-	67
		08/21/2002	16	3.5	1.2	-	21
		06/24/2003	1 U	1 U	1 U	-	1 U
		01/06/2004	2.7	1 U	1 U	-	2.7
		04/12/2004	1 U	1 U	1 U	-	1 U
		10/12/2004	1 U	1 U	1 U	1 U	1 U
		02/25/2005	2.5	1.2	1 U	1 U	3.7
		04/21/2005	2.2	1.1	1 U	-	3.3
		10/13/2005	2.2	1.2	1 U	-	3.4
		01/16/2006	2.2	1.2	1 U	1 U	3.4
		07/10/2006	1 U	1 U	1 U	1 U	1 U
		01/22/2007	1 U	1 U	1 U	-	1 U
		08/30/2007	1 U	1 U	1 U	1 U	1 U

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-10s (cont'd)	15 - 25	07/08/2008	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/01/2009	1 U	1 U	1 U	1 U	1 U
MW-11i	50 - 70	07/18/2001	77	2.5	0.5 U	-	80
		08/21/2002	66	2.2	1 U	-	68
		06/24/2003	100	2.1	1 U	-	102
		01/06/2004	110	1.9	1 U	-	112
		04/12/2004	125	1.9	1 U	-	127
		10/12/2004	32	1.1	1 U	1 U	33
		02/25/2005	150	2.2	1 U	1 U	152
		04/21/2005	140	1.9	1 U	-	142
		07/18/2005	120	1.8	1 U	1 U	122
		07/08/2008	117	1.6	0.5 U	0.5 U	119
		07/01/2009	5.4	9.7	1 U	1 U	15
		10/22/2010	2.8	1.2	7.3	3.8	15
MW-12s	15 - 25	07/18/2001	1 U	1 U	1 U	-	1 U
		08/21/2002	1 U	1 U	1 U	-	1 U
		07/08/2008	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/01/2009	1 U	1 U	1 U	1 U	1 U
MW-14i	40 - 60	07/18/2001	1,200	9.5	3 U	-	1,210
		08/22/2002	800	7.2	1.0	-	808
		06/24/2003	720	2.1	1.0	-	723
		01/05/2004	760	9.4	1.1	-	771
		04/12/2004	781	7.5	5 U	-	788
		10/12/2004	690	7.4	1 U	1 U	697
		02/25/2005	930	7.6	1 U	1 U	938
		04/20/2005	770	10 U	10 U	-	770
		10/13/2005	780	7.8	1 U	-	788
		01/16/2006	950	50 U	50 U	50 U	950
		07/10/2006	720	50 U	50 U	50 U	720
		01/22/2007	720	50 U	50 U	-	720
		08/30/2007	745	10 U	10 U	10 U	745
		07/08/2008	567	10 U	10 U	10 U	567
		05/06/2009	10 U	10 U	10 U	269	269
		07/01/2009	1 U	1 U	350	12	362
		10/07/2009	230	160	87	37	514
		04/01/2010	47	31	160	98	336
		10/21/2010	470	51	41	7.8	570
		04/06/2011	420	26	14	7.4	467
MW-16s (EX-3s)	20 - 30	07/18/2001	1,500	31	25 U	-	1,531
		06/24/2003	1,100	38	8.1	-	1,146
		01/05/2004	1,800	42	10	-	1,852
		04/12/2004	1,250	40	10 U	-	1,290
		10/12/2004	1,200	48	5.9	1 U	1,254
		01/14/2005	1,500	47	6.8	1 U	1,554
		04/21/2005	1,300	44	10 U	-	1,344
		07/18/2005	1,100	49	10 U	10 U	1,149
		10/13/2005	1,500	71	8.1	-	1,579
		01/16/2006	1,500	100 U	100 U	100 U	1,500
		07/10/2006	1,200	100 U	100 U	100 U	1,200
		01/23/2007	1,500	56	50 U	-	1,556
		08/29/2007	814	64	15	10 U	893
		10/03/2007	637	21	6.5	5 U	664
		11/07/2007	793	17	10 U	10 U	810
		12/06/2007	782	17	5 U	5 U	799
		01/09/2008	767	15	5 U	5 U	782
		02/14/2008	743	18	7.7	3 U	769

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCS
MW-16s (cont'd)	20 - 30	03/12/2008	972	20 U	20 U	20 U	972
		04/10/2008	647	20 U	20 U	20 U	647
		05/12/2008	588	16	10 U	10 U	604
		07/09/2008	487	12	21	10 U	520
		09/10/2008	626	28	39	10 U	693
		12/02/2008	492	16	25	11	544
		04/07/2009	41	11	104	66	222
		07/01/2009	33	14	150	52	249
		10/07/2009	1 U	1 U	1 U	1 U	1 U
		04/01/2010	1 U	1 U	1 U	3.3 J	3.3
		10/21/2010	1 U	1 U	1 U	1 U	1 U
		04/05/2011	1 U	0.48 J	2.8	6.2	9.5
		08/01/2012	4.6	14	14	14	47
		04/15/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/15/2016	0.5 U	0.5 U	0.95	1.2	2.2
		04/04/2017	0.5 U	2.6	54	110	171
		10/27/2017	0.5 U	0.5 U	1.2	2.4	3.6
		04/30/2018	0.5 U	0.5 U	9.3	17	26
		10/16/2018	0.5 U	0.5 U	1.4	2.8	4.2
		04/12/2019	0.5 U	3.8	56	52	117
		10/08/2019	0.5 U	0.5 U	2.9	3.4	6.4
		04/16/2020	0.5 U	3.0	25	19	48
		10/09/2020	0.5 U	0.73	6.2	6.3 J	13
		04/23/2021	0.5 U	0.5 U	28	41	71
		10/08/2021	0.5 U	0.5 U	2.9	3.1	6.0
		04/15/2022	0.5 U	0.5 U	11	26	37
		10/20/2022	0.5 U	0.5 U	2.7	6.4	9.1
		05/04/2023	0.5 U	0.5 U	8.8	23	32
		10/16/2023	0.5 U	1.6	2.9	1.9	6.3
MW-17i (EX-6i)	50 - 70	07/18/2001	1,200	11	0.5 U	-	1,211
		08/22/2002	490	7.7	2.1	-	500
		06/24/2003	350	6.2	2.4	-	359
		01/05/2004	660	12	4.1	-	676
		04/12/2004	335	6.7	2.6	-	344
		10/12/2004	680	12	4.0	1 U	696
		02/25/2005	470	7.8	2.8	1 U	481
		04/20/2005	270	10 U	10 U	-	270
		07/18/2005	260	5.5	5 U	5 U	266
		10/13/2005	230	4.9	1.6	-	237
		01/16/2006	250	10 U	10 U	10 U	250
		07/10/2006	230	10 U	10 U	10 U	230
		01/23/2007	200	10 U	10 U	-	200
		08/29/2007	146	3.5	1 U	1 U	149
		10/03/2007	276	4.4	2 U	2 U	280
		11/07/2007	211	6.9	3 U	3 U	218
		12/06/2007	211	8.8	3.7	1 U	224
		01/09/2008	108	20	5.0	5 U	133
		02/14/2008	228	13	20	1 U	261
		03/12/2008	237	12	30	5 U	279
		04/10/2008	219	17	35	10 U	271
		05/12/2008	203	14	40	9.5	267
		06/05/2008	198	11	37	10	257
		07/09/2008	179	11	40	13	242
		08/06/2008	222	35 J	47	13	317
		09/10/2008	95	35	59	14	203
		10/06/2008	40	10	74	35	159
		11/12/2008	5 U	10	528	25	563
		12/02/2008	87	68	56	17	228
		03/10/2009	67	31	75	22	195

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springville Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCS
MW-17i (cont'd)	50 - 70	04/01/2010	1 U	1 U	1 U	1 UJ	1 U
		10/21/2010	1 U	1 U	1 U	1 U	1 U
		04/05/2011	1 U	1 U	1 U	1 U	1 U
		08/01/2012	1 U	1 U	2.8	2.7	5.5
		04/15/2014	0.5 U	0.5 U	40	46	92
		07/15/2016	0.5 U	3.6	60	62	136
		04/04/2017	0.5 U	0.5 U	6.1	10	17
		10/27/2017	0.76	21	54	42	126
		04/30/2018	0.5 U	0.5 U	5.3	28	34
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	5.6	31	33	74
		04/16/2020	0.5 U	0.5 U	1.2	1.5	2.6
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/23/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	2.5	9.3	8.8	21
		04/15/2022	0.5 U	0.5 U	3.5	9.1	13
		10/20/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/04/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		10/16/2023	0.5 U	5.7	21	35	64
		10/16/2023	0.5 U	5.6	20	33	61
MW-21i (EX-4i)	50 - 70	07/18/2001	2,000	17	1.1	-	2,018
		08/22/2002	1,100	11	1.1	-	1,112
		06/24/2003	860	9.0	1.0	-	870
		01/05/2004	680	7.9	1.0	-	689
		04/12/2004	701	7.7	5 U	-	709
		10/12/2004	1,600	15	1.3	1 U	1,616
		02/25/2005	890	8.7	1 U	1 U	899
		04/20/2005	790	10 U	10 U	-	790
		07/18/2005	770	10 U	10 U	5 U	770
		10/13/2005	870	9.6	1 U	-	880
		01/16/2006	770	50 U	50 U	50 U	770
		07/11/2006	730	50 U	50 U	50 U	730
		01/23/2007	600	50 U	50 U	-	600
		08/29/2007	604	7.0	5 U	5 U	611
		10/03/2007	913	11	10 U	10 U	924
		11/07/2007	501	5.3	5 U	5 U	506
		12/06/2007	852	9.7	5 U	5 U	862
		01/09/2008	519	8.3	5 U	5 U	527
		02/14/2008	473	7.4	7.7	3 U	488
		03/12/2008	455	20 U	20 U	20 U	455
		04/10/2008	519	10	10 U	10 U	529
		05/12/2008	483	7.4	6.7	5 U	497
		07/09/2008	413	10 U	10 U	10	423
		09/10/2008	368	10	23	5.8	407
		12/02/2008	313	11	13	4.3	341
		02/18/2009	335	10	14	5 U	359
		03/10/2009	374	11	17	5.0	406
		04/07/2009	347	12	14	10 U	373
		05/06/2009	282	12	15	10 U	309
		07/01/2009	21	7.3	1,200	48	1,276
		10/07/2009	1 U	1 U	24	100	124
		04/01/2010	1 U	1 U	1 U	1.8 J	1.8
		10/21/2010	1 U	1 U	1 U	1 U	1 U
		04/05/2011	1 U	0.40 J	1 U	0.55 J	0.95
		08/01/2012	1 U	1 U	1 U	1 U	1 U
		04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/15/2016	0.5 U	7.0	12	7.7	27

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCS
MW-21i (cont'd)	50 - 70	04/04/2017	0.5 U	3.6	8.5	8.8	22
		10/27/2017	0.5 U	4.1	9.3	8.0	22
		04/30/2018	0.5 U	1.4	7.5	12	22
		10/16/2018	0.5 U	6.2	17	14	39
		04/12/2019	0.5 U	4.6	21	22	51
		10/08/2019	0.5 U	19	34	26	83
		04/16/2020	0.5 U	12	44	28	86
		10/09/2020	0.5 U	17	41	23 J	84
		04/23/2021	0.5 U	11	37	31	81
		10/08/2021	1.5	24	65	37	131
		04/15/2022	0.5 U	3.2	73	32	112
		10/20/2022	0.65	6.3	63	26	99
		05/04/2023	0.5 U	4.2	81	40	128
		10/16/2023	2.4 J	17	80	30	134
MW-22s (EX-1s)	15 - 25	07/18/2001	1,300	25 U	25 U	-	1,300
		06/24/2003	300	1.2	1 U	-	301
		01/05/2004	420	2.1	1 U	-	422
		04/12/2004	364	5 U	5 U	-	364
		10/12/2004	240	1 U	1 U	1 U	240
		01/13/2005	260	1.2	1 U	1 U	261
		04/21/2005	230	1.0	1 U	-	231
		07/18/2005	160	5 U	5 U	5 U	160
		10/13/2005	250	1.1	1 U	-	251
		11/21/2005	92	1 U	1 U	-	92
		01/17/2006	450	10 U	10 U	10 U	450
		07/11/2006	140	10 U	10 U	10 U	140
		01/23/2007	360	10 U	10 U	-	360
		08/29/2007	139	1 U	1 U	1 U	139
		10/03/2007	77	1 U	1 U	1 U	77
		11/07/2007	167	1.1	1 U	1 U	168
		12/06/2007	239	3 U	3 U	3 U	239
		01/09/2008	509	5 U	5 U	5 U	509
		02/14/2008	1,130	5.2	5 U	5 U	1,135
		03/12/2008	1,150	20 U	20 U	20 U	1,150
		04/10/2008	1,300	50 U	50 U	50 U	1,300
		05/12/2008	1,240	13	10	1 U	1,264
		07/09/2008	747	21	38	10 U	805
		09/10/2008	813	18	71	10 U	902
		12/02/2008	493	14	80	5 U	587
		04/07/2009	143	584	378	10 U	1,105
		07/01/2009	460	56	220	1.6	738
		10/07/2009	270	34	40	1 U	344
		04/01/2010	580	29	66	3.1 J	678
		10/22/2010	180	14	16	1.5	212
		04/05/2011	560	13	29	1.6	604
		08/01/2012	150	8.2	13	0.62	172
		04/16/2014	110	4.0	8.2	0.5 U	122
		04/16/2014	100	12 U	12 U	12 U	100
		07/15/2016	26	1.5	1.7	0.5 U	29
		04/04/2017	101	3.0	3.9	0.5 U	108
		10/27/2017	20	1.0 J	0.96	0.5 U	22
		04/30/2018	68	2.2	2.8	0.5 U	73
		10/16/2018	13	0.86 J	0.76	0.5 U	15
		04/12/2019	48	1.7	2.4	0.5 U	52
		10/08/2019	16	0.5 U	0.5 U	0.5 U	16
		04/16/2020	46	1.2	1.8	0.5 U	49
		10/09/2020	12	0.52	0.59	0.5 UJ	13
		04/23/2021	36	1.4	1.6	0.5 U	39
		10/08/2021	7.0	0.5 U	0.5 U	0.5 U	7.0
(duplicate)							

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-22s (cont'd)	15 - 25	04/15/2022	27	1.2	1.3	0.5 U	29
		10/20/2022	11	0.5 U	0.50	0.5 U	11
		05/04/2023	17	0.52	0.56	0.5 U	18
		10/16/2023	1.6 J	0.5 U	0.5 U	0.5 U	1.6
MW-23s	10 - 25	12/08/2010	110	5.7	20	7.2	143
		04/05/2011	92	4.8	14	3.8	115
MW-29s	10 - 20	08/01/2012	4.2	0.5 U	0.66	0.5 U	4.9
		04/15/2014	0.5 U	0.5 U	1.4	0.5 U	1.4
		07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/04/2017	0.5 U	0.5 U	1.1	0.5 U	1.1
		10/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/30/2018	0.5 U	0.5 U	0.53	0.5 U	0.53
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.52	0.5 U	0.5 U	0.5 U	0.52
		10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/23/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/20/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/04/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35i	40 - 55 (42)	04/15/2014	2.7	2.0	2.2	0.5 U	6.9
	40 - 55 (48)	04/15/2014	4.5	2.1	2.6	0.5 U	9.2
	40 - 55 (54)	04/15/2014	6.5	1.0	3.4	0.52	11
	40 - 55 (48)	10/21/2014	7.4	1.2	3.8	0.56	13
		07/14/2016	14	1.8	5.6	0.52	22
		04/06/2017	15	1.8	5.2	0.5 UJ	22
MW-94 (dup)		04/06/2017	15	1.8	5.3	0.5 UJ	22
		10/25/2017	14	1.9	6.3	0.5 U	22
MW-98 (dup)		10/25/2017	18	2.1	6.4	0.5 U	27
		04/24/2018	8.2	1.4	4.4	0.5 U	14
		10/10/2018	13	2.4	7.5	0.54	23
		04/16/2019	11	1.7	5.7	0.5 U	19
		10/10/2019	12	2.5	6.8	0.5 U	22
		04/21/2020	19	2.6	8.0	0.5 U	30
		10/12/2020	13	2.1	7.8	0.51 J	23
		04/21/2021	13	2.8	8.6	0.75	26
		10/11/2021	18	2.7	8.5	0.67	30
		04/13/2022	15	2.5	8.6	0.5 U	26
		10/13/2022	17	2.8	8.4	0.5 U	28
		04/27/2023	15	2.5	8.3	0.58	26
		10/11/2023	15	2.9	9.0	0.53	27
MW-36s	30 - 45	04/15/2014	23	1.8	0.5 U	0.5 U	25
		10/23/2014	20	4.5	3.4	0.5 U	28
		07/15/2016	12	5.4	34	5 U	52
MW-95 (dup)		07/15/2016	13	6.1	37	5 U	56
		04/06/2017	51	7.7	21	0.5 U	80
		10/30/2017	64	7.1	11	0.5 U	83
		04/30/2018	48	10	24	0.5 U	82
		10/17/2018	74	6.0	10	0.5 U	90
		04/18/2019	66	6.8	9.7	0.5 U	82
		10/08/2019	72	9.4	13	0.5 U	94
		04/15/2020	76	8.8	14	0.5 U	99
		10/09/2020	55	8.1	19	0.5 UJ	82

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-36s (cont'd)	30 - 45	04/26/2021	62	12 J	25	0.5 U	99
		10/07/2021	67	8.6	13	0.5 U	89
		04/18/2022	74	11	19	0.5 U	104
		10/21/2022	51	9.1	21	0.62	81
		05/04/2023	15	5.0	55	0.58	75
		10/18/2023	15	4.6	38	0.5 UJ	57
MW-36i	50 - 65	04/15/2014	35	1.7	0.5 U	0.5 U	37
		10/23/2014	30	2.4	0.5 U	0.5 U	32
		07/15/2016	23	12	82	0.79	118
		04/06/2017	159	5.6	10	0.5 UJ	175
		10/30/2017	98	9.4	28	0.5 U	135
		04/30/2018	143	12	22	0.5 U	176
		10/17/2018	126	7.3	23	0.64	157
		04/18/2019	114	14	22	0.60	150
		10/08/2019	104	12	20	0.55	137
		04/15/2020	176	5.4	11	0.5 U	193
		10/09/2020	169	6.5	17	0.58 J	193
		04/26/2021	178	6.7 J	11	0.5 U	196
		10/07/2021	147	16	15	0.84	179
		04/18/2022	129	12	16	0.5 U	157
		04/18/2022	127	12	17	0.5 U	156
MW-95 (dup)		10/21/2022	112	16	28	0.79	156
		05/04/2023	69	18	43	0.5 U	130
MW-96 (dup)		05/04/2023	71	19	43	0.5 U	134
		10/18/2023	95	22	40	0.5 UJ	157
MW-39s	6 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/21/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2023	0.53	0.5 U	0.5 U	0.5 UJ	0.53
MW-39i	Top	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Bottom	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	40 - 60	04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/21/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCS
MW-39i (cont'd)	40 - 60	10/18/2023	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-39d	95 - 110	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2019	0.5 U	2.7	0.5 U	0.5 U	2.7
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/21/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2023	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-40i	30 - 50	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-41s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/21/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-41i	Top	07/18/2016	1.2	0.5 U	0.5 U	0.5 U	1.2
	Middle	07/18/2016	1.1	0.5 U	0.5 U	0.5 U	1.1
MW-94 (dup)	Middle	07/18/2016	1.2	0.5 U	0.5 U	0.5 U	1.2
	Bottom	07/18/2016	0.65	0.5 U	0.5 U	0.5 U	0.65
	40 - 60	04/06/2017	0.57	0.5 U	0.5 U	0.5 U	0.57
		10/27/2017	1.1	0.5 U	0.5 U	0.5 U	1.1
		04/26/2018	1.0	0.5 U	0.5 U	0.5 U	1.0
		10/16/2018	1.2	0.5 U	0.5 U	0.5 U	1.2
		04/18/2019	1.2	0.78	0.5 U	0.5 U	2.5
		10/08/2019	1.1	0.5 U	0.5 U	0.5 U	1.1
		04/16/2020	1.5	0.5 U	0.5 U	0.5 U	1.5
		10/09/2020	1.3	0.5 U	0.5 U	0.5 UJ	1.3
		04/26/2021	1.6	0.5 U	0.5 U	0.5 U	1.6
		10/07/2021	1.5	0.5 U	0.5 U	0.5 U	1.5
		04/18/2022	1.9	0.5 U	0.5 U	0.5 U	1.9
		04/18/2022	1.9	0.5 U	0.5 U	0.5 U	1.9
		10/21/2022	1.4	0.5 U	0.5 U	0.5 U	1.4
		05/05/2023	1.6	0.5 U	0.5 U	0.5 U	1.6
		10/18/2023	1.8	0.5 U	0.5 U	0.5 UJ	1.8
MW-96 (dup)		04/18/2022	1.9	0.5 U	0.5 U	0.5 U	1.9
		10/21/2022	1.4	0.5 U	0.5 U	0.5 U	1.4
		05/05/2023	1.6	0.5 U	0.5 U	0.5 U	1.6
		10/18/2023	1.8	0.5 U	0.5 U	0.5 UJ	1.8
MW-41d	85 - 95	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5
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Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-41d (cont'd)	85 - 95	10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-99 (dup)		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/21/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2023	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-42s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/05/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/20/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2023	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-42i	Top	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Bottom	07/18/2016	0.65	0.5 U	0.5 U	0.5 U	0.65
	40 - 60	04/06/2017	0.75	0.5 U	0.5 U	0.5 U	0.75
		10/18/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	1.0	0.56	0.5 U	0.5 U	1.6
		04/17/2019	1.3	0.57	0.5 U	0.5 U	1.8
		10/08/2019	1.5	0.62	0.5 U	0.5 U	2.1
		04/17/2020	2.4	0.80	0.5 U	0.5 U	3.2
		10/06/2020	2.0	0.76	0.5 U	0.5 U	2.7
		04/26/2021	2.0	0.89	0.5 U	0.5 U	2.9
		10/05/2021	2.2	1.0 J	0.5 U	0.5 U	3.2
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/20/2022	3.1	0.88	0.5 U	0.5 U	4.0
		05/05/2023	3.3	1.3	0.5 U	0.5 U	4.6
		10/18/2023	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-42d	105 - 115	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-43s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/23/2019	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5
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Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCS
MW-43s (cont'd)	5 - 15	10/05/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/20/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/19/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-43i	Top	07/18/2016	0.72	0.5 U	0.5 U	0.5 U	0.72
	Middle	07/18/2016	1.1	0.5 U	0.5 U	0.5 U	1.1
	Bottom	07/18/2016	0.91	0.5 U	0.5 U	0.5 U	0.91
	40 - 60	04/06/2017	5.1	0.5 U	0.5 U	0.5 U	5.1
		10/26/2017	0.82	0.5 U	0.5 U	0.5 U	0.82
		04/26/2018	3.5	0.5 U	0.5 U	0.5 U	3.5
		10/17/2018	0.84	0.5 U	0.5 U	0.5 U	0.84
MW-96 (dup)		10/17/2018	1.6	0.5 U	0.5 U	0.5 U	1.6
		04/23/2019	4.7	0.5 U	0.5 U	0.5 UJ	4.7
		10/08/2019	0.86	0.5 U	0.5 U	0.5 U	0.86
		04/16/2020	1.9	0.5 U	0.5 U	0.5 U	1.9
		10/06/2020	0.79	0.5 U	0.5 U	0.5 U	0.79
		04/26/2021	2.9	0.5 U	0.5 U	0.5 U	2.9
		10/05/2021	0.70	0.5 U	0.5 U	0.5 U	0.70
		04/18/2022	4.3	0.5 U	0.5 U	0.5 U	4.3
		10/20/2022	1.3	0.5 U	0.5 U	0.5 U	1.3
		05/05/2023	4.0	0.5 U	0.5 U	0.5 U	4.0
		10/19/2023	1.1	0.5 U	0.5 U	0.5 U	1.1
MW-43d	105 - 115	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/23/2019	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/05/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/20/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/19/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-44s	5 - 15	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/10/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-44i	Top	07/15/2016	5.4	0.60	0.5 U	0.5 U	6.0
	Middle	07/15/2016	6.0	0.65	0.5 U	0.5 U	6.6
	Bottom	07/15/2016	5.7	0.65	0.5 U	0.5 U	6.4
	40 - 60	04/06/2017	2.4	0.5 U	0.5 U	0.5 U	2.4

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCS
MW-44i (cont'd)	40 - 60	10/18/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	2.2 J	0.5 U	0.5 U	0.5 U	2.2
		10/10/2018	3.7	0.63	0.5 U	0.5 U	4.3
		04/17/2019	2.5	0.5 U	0.5 U	0.5 U	2.5
		10/09/2019	3.7	0.5 U	0.5 U	0.5 U	3.7
		04/20/2020	3.7	0.5 U	0.5 U	0.5 U	3.7
		10/12/2020	4.9	0.73	0.5 U	0.5 UJ	5.7
		04/20/2021	3.3	0.5 U	0.5 U	0.5 U	3.3
		10/11/2021	6.5	0.84	0.5 U	0.5 U	7.3
		04/12/2022	2.9	0.5 U	0.5 U	0.5 U	2.9
		10/12/2022	4.0	0.5 U	0.5 U	0.5 U	4.0
		04/26/2023	1.4	0.5 U	0.5 U	0.5 U	1.4
		10/10/2023	5.1	0.73	0.5 U	0.5 U	5.8
MW-44d	105 - 115	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2017	3.8 J	0.60 J	0.5 U	0.5 U	4.4
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/10/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/12/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/10/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-45s	5 - 15	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2017	1.5 J	0.5 U	0.5 U	0.5 U	1.5
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/23/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/05/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/20/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/04/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/19/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-45i	Top	07/15/2016	2.0	0.5 U	0.5 U	0.5 U	2.0
	Middle	07/15/2016	1.9	0.5 U	0.5 U	0.5 U	1.9
	Bottom	07/15/2016	2.0	0.5 U	0.5 U	0.5 U	2.0
	40 - 60	04/06/2017	2.8	0.5 U	0.5 U	0.5 U	2.8
MW-95 (dup)	40 - 60	04/06/2017	2.8	0.5 U	0.5 U	0.5 U	2.8
		10/18/2017	1.1 J	0.5 U	0.5 U	0.5 U	1.1
		04/26/2018	1.4	0.5 U	0.5 U	0.5 U	1.4
		10/16/2018	1.7	0.5 U	0.5 U	0.5 U	1.7
		04/17/2019	2.6	0.5 U	0.5 U	0.5 U	2.6
		10/08/2019	2.5	0.5 U	0.5 U	0.5 U	2.5
		04/16/2020	2.9	0.5 U	0.5 U	0.5 U	2.9
		10/09/2020	2.5 J	0.5 U	0.5 U	0.5 UJ	2.5
		04/23/2021	2.0	0.5 U	0.5 U	0.5 U	2.0
		10/05/2021	1.8	0.5 U	0.5 U	0.5 U	1.8

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-45i (cont'd)	40 - 60	04/18/2022	3.7	0.5 U	0.5 U	0.5 U	3.7
		10/20/2022	2.8	0.5 U	0.5 U	0.5 U	2.8
		05/04/2023	3.0	0.5 U	0.5 U	0.5 U	3.0
		10/19/2023	0.86	0.5 U	0.5 U	0.5 U	0.86
MW-45d	105 - 115	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-46s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/21/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2023	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-46i	Top	07/18/2016	0.55	0.5 U	0.5 U	0.5 U	0.55
	Middle	07/18/2016	0.54	0.5 U	0.5 U	0.5 U	0.54
	Bottom	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	40 - 60	04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2017	0.69 J	0.5 U	0.5 U	0.5 U	0.69
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.77	0.5 U	0.5 U	0.5 U	0.77
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.96	0.5 U	0.5 U	0.5 U	0.96
		04/17/2020	0.54	0.5 U	0.5 U	0.5 U	0.54
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/21/2022	1.4	0.5 U	0.5 U	0.5 U	1.4
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)		10/18/2023	1.1	0.5 U	0.5 U	0.5 UJ	1.1
		10/18/2023	1.2	0.5 U	0.5 U	0.5 UJ	1.2
MW-46d	105 - 115	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/21/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2023	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U

Table 5
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Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-47s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/10/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/27/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/11/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-47i	Top	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Bottom	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	40 - 60	04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/10/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-95 (dup)		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-95 (dup)		10/12/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/27/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/11/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-47d	105 - 115	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/10/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/12/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/27/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/11/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-48s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/08/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5
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Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-48s (cont'd)	5 - 15	04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/21/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2023	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-48i	Top	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-92 (dup)	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Bottom	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	40 - 60	04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/21/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-95 (dup)		10/21/2022	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 U
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-95 (dup)		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2023	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-48d	105 - 115	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/21/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/05/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2023	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-49s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	0.51 J	0.5 U	0.5 U	0.5 U	0.51
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/12/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCS
MW-49s (cont'd)	5 - 15	10/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/27/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/11/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-49i	Top	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-93 (dup)	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Bottom	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	40 - 60	04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/10/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/12/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/27/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/11/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-49d	105 - 115	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-50s	5 - 15	07/18/2016	137	5.7	6.6	0.5 U	149
		04/06/2017	18	3.3	4.8	0.5 U	26
		10/26/2017	14	4.7	7.9	0.5 U	27
		04/26/2018	31	3.7	4.9	0.5 U	39
		10/17/2018	17	3.6	7.1	0.5 U	28
		04/17/2019	17	0.64	0.75	0.5 U	18
		10/08/2019	40	5.5	6.6	0.5 U	52
		04/17/2020	52	6.4	12	0.5 U	71
		10/09/2020	26	3.1	4.6	0.5 UJ	34
		10/09/2020	27	3.1	4.6	0.5 UJ	34
MW-96 (dup)		04/26/2021	56	6.3	7.1	0.5 U	70
MW-95 (dup)		04/26/2021	55	6.2	6.8	0.5 U	68
MW-99 (dup)		10/05/2021	21	3.2 J	2.9	0.5 U	27
		10/05/2021	21	3.1 J	2.7	0.5 U	27
MW-96 (dup)		04/18/2022	29	2.6	3.2	0.5 U	35
		10/20/2022	9.3	1.6	2.8	0.5 U	14
		10/20/2022	10	1.7	3.1	0.5 U	15
		05/05/2023	10	1.7	4.1	0.5 U	16
		10/18/2023	14	1.0	1.0	0.5 UJ	16
MW-51i	Top	10/19/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Middle	10/19/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Bottom	10/19/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-52i	Top	10/19/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Middle	10/19/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Bottom	10/19/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-53i	Top	10/19/2023	5.4	0.5 U	0.5 U	0.5 U	5.4
	Middle	10/19/2023	4.6	0.5 U	0.5 U	0.5 U	4.6
	Bottom	10/19/2023	2.3	0.5 U	0.5 U	0.5 U	2.3

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs	
MW-54i	Top	10/19/2023	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	
	Middle	10/19/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
	Bottom	10/19/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
DEQ-1d	80 - 90	08/22/2002	150	2.1	1 U	-	152	
		06/24/2003	140	1.6	1 U	-	142	
		01/06/2004	85	1.1	1 U	-	86	
		04/12/2004	119	1.2	1 U	-	120	
		10/12/2004	25	1 U	1 U	1 U	25	
		02/25/2005	150	1.4	1 U	1 U	151	
		04/20/2005	110	1.2	1 U	-	111	
		10/13/2005	130	1.5	1 U	-	132	
		01/16/2006	110	10 U	10 U	10 U	110	
		07/10/2006	140	10 U	10 U	10 U	140	
		01/22/2007	92	10 U	10 U	-	92	
		08/30/2007	128	1.2	1 U	1 U	129	
		07/08/2008	146	1.4	1.9	0.5 U	149	
		07/01/2009	4.8	1 U	12	1 U	17	
		04/01/2010	8.2	1 U	34	1 U	42	
		04/05/2011	3.4	2.5	18	2.8	27	
		08/01/2012	3.7	13	19	1.6	37	
		04/15/2014	1.2	3.3	3.7	0.5 U	8.2	
		07/14/2016	7.2	2.0	2.6	0.5 U	12	
		04/04/2017	6.6	1.6	1.8	0.5 U	10	
		10/27/2017	9.9	2.3	2.3	0.5 U	14	
		04/30/2018	7.0	1.5	1.8	0.5 U	10	
		10/16/2018	6.8	3.3	2.7	0.5 U	13	
		04/12/2019	5.1	1.2	1.3	0.5 U	7.7	
		10/08/2019	8.7	1.9	2.2	0.5 U	13	
		04/16/2020	7.6	1.5	1.9	0.5 U	11	
		MW-97 (dup)	04/16/2020	7.5	1.5	2.0	0.5 U	11
			10/09/2020	6.7	1.8	2.4	0.5 UJ	11
			04/23/2021	5.9	1.7	1.8	0.5 U	9.4
			10/08/2021	6.6	2.0	2.0	0.5 U	11
			04/15/2022	5.0	1.7	1.9	0.5 U	8.6
			10/20/2022	5.5	1.6	1.7	0.5 U	8.9
			05/04/2023	3.6	1.3	1.2	0.5 U	6.0
			10/16/2023	8.5 J	1.9	1.7	0.5 U	12
DEQ-2i	50 - 70	08/22/2002	1,100	10	1.6	-	1,112	
		06/24/2003	690	8.0	1.6	-	700	
		01/05/2004	520	7.6	1.3	-	529	
		04/12/2004	478	6.3	5 U	-	484	
		10/12/2004	420	1 U	1 U	1 U	420	
		01/13/2005	190	2.6	1 U	1 U	193	
		04/20/2005	380	5.3	1.1	-	386	
		07/18/2005	350	10 U	10 U	10 U	350	
		10/13/2005	350	6.5	1.2	-	358	
		01/16/2006	150	10 U	10 U	10 U	150	
		07/10/2006	100	10 U	10 U	10 U	100	
		01/23/2007	79	10 U	10 U	-	79	
		08/30/2007	164	4.1	1.1	1 U	169	
		07/09/2008	42	1.6	1.5	2 U	45	
		07/01/2009	1 U	1.3	2.1	1 U	3.4	
		04/01/2010	1 U	1 U	4.2	2.6 J	6.8	
		10/22/2010	1 UJ	1.3	2.4	1.5	6.2	
		04/05/2011	1 U	1 U	1 U	1 U	1 U	
		08/01/2012	1.7	7.1	9.6	7.3	26	
		04/15/2014	0.5 U	0.87	4.0	4.2	9.1	
		07/14/2016	2.3	0.5 U	0.5 U	0.5 U	2.3	

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCS
DEQ-2i (cont'd)	50 - 70	04/04/2017	0.85	0.79	2.9	3.4	7.9
DEQ-3d	80 - 120	08/22/2002	1 U	1 U	1 U	-	1 U
		06/24/2003	1 U	1 U	1 U	-	1 U
		01/05/2004	1 U	1 U	1 U	-	1 U
		04/12/2004	1 U	1 U	1 U	-	1 U
		10/12/2004	1 U	1 U	1 U	1 U	1 U
		01/13/2005	1 U	1 U	1 U	1 U	1 U
		04/20/2005	1 U	1 U	1 U	-	1 U
		07/18/2005	1 U	1 U	1 U	1 U	1 U
		10/13/2005	1 U	1 U	1 U	-	1 U
		01/16/2006	1 U	1 U	1 U	1 U	1 U
		07/11/2006	1 U	1 U	1 U	1 U	1 U
		01/22/2007	1 U	1 U	1 U	-	1 U
		08/30/2007	1 U	1 U	1 U	1 U	1 U
		07/08/2008	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/01/2009	1 U	1 U	1 U	1 U	1 U
		10/21/2010	1 U	1 U	1 U	1 U	1 U
		08/01/2012	0.59	1 U	1 U	1 U	0.59
		04/15/2014	0.5 U	0.87	0.5 U	0.5 U	0.87
		07/14/2016	1.1	0.5 U	0.5 U	0.5 U	1.1
		04/06/2017	1.0	0.5 U	0.5 U	0.5 UJ	1.0
DEQ-4s	10 - 25	10/28/2004	7,800	43	1 U	1 U	7,843
		01/13/2005	4,500	26	1 U	1 U	4,526
		04/21/2005	3,300	25 U	25 U	-	3,300
		07/19/2005	3,100	20 U	20 U	-	3,100
		10/13/2005	1,600	13	1 U	-	1,613
		11/21/2005	5,200	10	1 U	-	5,210
		01/17/2006	5,700	100 U	100 U	100 U	5,700
		07/11/2006	780	200 U	200 U	200 U	780
		01/23/2007	1 U	1 U	1 U	-	1 U
		08/29/2007	10 U	10 U	10 U	10 U	10 U
		07/01/2009	1 U	1 U	1 U	1 U	1 U
		04/01/2010	1 U	1 U	1 U	1 UJ	1 U
		10/21/2010	1 U	1 U	1 U	1.7	1.7
		04/06/2011	1 U	0.60 J	1 U	0.51 J	1.1
		08/01/2012	1.6	0.5 U	1 U	0.5 U	1.6
DEQ-5s	9 - 14	10/28/2004	170	1.0	1 U	1 U	171
		01/13/2005	190	1.2	1 U	1 U	191
		04/21/2005	100	1.9	1.5	-	103
		07/19/2005	140	1.0	1 U	-	141
		10/13/2005	150	1.0	1 U	-	151
		01/17/2006	210	10	10 U	10 U	220
		07/11/2006	130	10	10 U	10 U	140
		05/06/2009	104	10	10 U	10 U	114
EX-5i	45 - 70	08/29/2007	31	1.0	1.0	1 U	33
		10/03/2007	296	68	24	10 U	388
		11/07/2007	324	25	29	3 U	379
		12/06/2007	302	28	49	3 U	379
		01/09/2008	255	46	31	5.9 U	332
		02/14/2008	364	20	66	3 U	450
		03/12/2008	210	75	76	15	377
		04/10/2008	4.6	104	207	47	362
		05/12/2008	233	26	51	24	334
		06/05/2008	276	19	35	22	352
		07/09/2008	231	31	38	33	333
		08/06/2008	69	83 J	102	34	288

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCS
EX-5i (cont'd)	45 - 70	09/10/2008	201	83	78	38	400
		10/06/2008	128	38	63	17	246
		11/12/2008	0.5 U	0.5 U	21	10	31
		12/02/2008	0.5 U	0.5 U	4.0	5.1	9.1
		04/01/2010	1 U	1 U	1 U	1 UJ	1 U
		10/21/2010	1 U	1 U	0.98 J	0.60 J	1.6
		04/05/2011	1 U	1 U	0.52 J	0.88 J	1.4
		08/01/2012	1 U	1 U	1 U	0.65	0.65
		04/15/2014	0.5 U	0.5 U	0.5 U	0.55	0.55
		07/15/2016	0.5 U	0.5 U	0.50	1.4	1.9
		04/04/2017	0.5 U	0.68	3.1	2.9	6.6
IN-5s	10 - 25	04/01/2010	1 U	1 U	1 U	1 UJ	1 U
		04/05/2011	1 U	1 U	0.40 J	1 U	0.40
IN-6i	45 - 70	07/01/2009	1 U	1 U	1 U	1 U	1 U
		04/01/2010	1 U	1 U	1 U	1 U	1 U
		04/06/2011	1 U	1 U	0.51 J	1.1	1.6
IN-7i	45 - 70	07/01/2009	1 U	1 U	2.4	1 U	2.4
		04/01/2010	1 U	1 U	1.4	2.1	3.5
		04/05/2011	1 U	1 U	1 U	1.3	1.3
IN-8i	45 - 70	07/01/2009	1 U	1 U	1 U	1 U	1 U
		04/01/2010	1 U	1 U	1 U	1 U	1 U
		04/05/2011	1 U	1 U	0.48 J	0.68 J	1.2
1460 G St. (McKenzie Medical ^d)	(not known)	11/06/2003	6.7	1 U	-	-	6.7
		07/11/2006	6.3	1 U	1 U	1 U	6.3
		01/22/2007	3.7	1 U	1 U	-	3.7
		08/30/2007	1 U	1 U	1 U	1 U	1 U
		07/01/2009	2.6	1 U	1 U	1 U	2.6
1441 M St. (domestic irrigation)	(not known)	11/07/2003	9.1	1.5	-	-	11
		07/11/2006	11	1.5	1 U	1 U	13
		01/22/2007	9.1	1.1	1 U	-	10
		08/29/2007	8.5	1.2	1 U	1 U	9.7
		07/08/2008	6.7	0.98	0.5 U	0.5 U	7.7
		07/01/2009	5.7	1 U	1 U	1 U	5.7
		10/22/2010	8.4	0.80 J	1 U	1 U	9.2
1350 N St. (domestic irrigation)	30 - 35	11/06/2003	6.2	1 U	-	-	6.2
		07/11/2006	22	1 U	1 U	1 U	22
		01/22/2007	26	1 U	1 U	-	26
		08/29/2007	1.4	1 U	1 U	1 U	1.4
		07/08/2008	23	0.84	0.92	0.85	26
		07/01/2009	34	1.2	1 U	1 U	35
		10/22/2010	22	2.3	3.0	0.84 J	28
		08/01/2012	33	5.2	22	2.4	63
		05/17/2014	37	5.7	32	3.4	79
		10/21/2014	30	14	28	3.0	75
		07/18/2016	44	5.5	23	1.5	74
		05/16/2017	50	6.7	24	1.7	84
		10/12/2017	35	12	30	2.1	80
		10/12/2017	39	13	31	2.2	86
		06/06/2018	24	2.9	13	0.5 U	39
		10/10/2018	31	4.9	18	1.1	54
		07/29/2019	31	4.6	16	0.72	52
		10/10/2019	33	5.5	18	0.97	58
		04/21/2020	45	5.6	20	0.92	71

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
1350 N St. (cont'd)	30 - 35	10/12/2020	35	9.7	28	1.0 J	74
		04/21/2021	23	4.0	12	0.69	41
		10/08/2021	30	6.5	19	0.67	56
		10/13/2022	27	4.1	12	0.5 U	43
		05/30/2023	35	4.3	14	0.5 U	53
		10/19/2023	36	7.6	15	0.5 U	58
1875 N 16th St. (domestic drinking) ^a	(not known)	05/23/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Q St. Mun.	110 - 280	01/30/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		11/12/2015	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
		02/02/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/12/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		06/06/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		06/06/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		09/28/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-95 (dup)		09/28/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-99 (dup)		09/28/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		04/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/29/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-100 (dup)		07/29/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-95 (dup)		04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-95 (dup)		10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-99 (dup)		04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/19/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		10/19/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		05/01/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)		05/01/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/19/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-95 (dup)		10/19/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
DEQ RBC Screening Level Criteria for Groundwater^b							
Ingestion and Inhalation							
Residential			12	0.49	36	0.027	NA
Urban Residential			49	2.0	140	0.066	NA
Occupational			48	3.3	260	0.49	NA
Volatilization to Outdoor Air							
Residential			64,000	3,300	>S	350	NA
Urban Residential			150,000	6,900	>S	430	NA
Occupational			>S	20,000	>S	5,900	NA
Vapor Intrusion into Buildings							
Residential (June 2023)			29	2.1	430	0.2	NA
Commercial (June 2023)			130	13	1,800	3.3	NA
GW in an Excavation							
Construction/Excavation			5,600	430	18,000	960	NA
EPA Maximum Contaminant Levels^c							
Drinking Water			5	5	70	2	NA

Notes:

^a Well sampled per Domestic Well Beneficial Use Response Plan (PNG 2016)

^b Oregon Department of Environmental Quality (DEQ) Generic Risk-Based Concentrations (revised May 2018). An update to guidance and RBCs for volatilization to indoor air pathways based on EPA Vapor Intrusion Screening Levels was released June 2023.

^c Environmental Protection Agency (EPA) National Primary Drinking Water Regulations, Maximum Contaminant Levels (MCL) EPA 816-F-09-004, (EPA 2009)

^d McKenzie Medical = McKenzie-Willamette Medical Center

btc = below top of casing

DCE = Dichloroethene

J = Data validation qualifier. Estimated value. See Data validation report for additional information.

NA = Not Applicable

PCE = Tetrachloroethene

TCE = Trichloroethene

CVOCs = Combined total of detected chlorinated VOCs (PCE, TCE, DCE, and Vinyl Chloride).

U = Not detected at the reporting limit shown

ug/l = micrograms per liter

Volatile Organic Compounds (VOCs) analyzed by EPA Method 8260B/C

- = not available or not applicable

>S = the RBC exceeds the solubility limit of this compound

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
<u>September 2011 Sampling Event</u>								
MW-24 CMT	1	17.2 - 17.7	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.2 - 31.7	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	46.1 - 46.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	70.1 - 70.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	91.1 - 91.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	111.0 - 111.5	09/22/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	09/22/2011	0.54	0.5 U	0.5 U	0.5 U	0.54
	2	29.2 - 29.7	09/22/2011	100	12	4.7	0.97	118
	3	42.3 - 42.8	09/22/2011	9.6	4.4	6.0	1.6	22
	4	59.3 - 59.8	09/22/2011	100	22	18	8.9	149
	5	71.7 - 72.2	09/22/2011	0.53	0.5 U	0.57	0.80	1.9
	6	82.2 - 82.7	09/22/2011	95	2.0	0.88	0.5 U	98
	7	107.0 - 107.5	09/22/2011	1.7	0.5 U	0.5 U	0.5 U	1.7
MW-26 CMT	1	14.5 - 15.0	09/28/2011	1.3	0.5 U	0.5 U	0.5 U	1.3
	2	29.6 - 30.1	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.5 - 45.0	09/28/2011	20	2.0	0.62	0.5 U	23
	4	59.5 - 60.0	09/28/2011	70	1.7	0.53	0.5 U	72
	5	69.2 - 69.7	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.1 - 98.6	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	114.5 - 115.0	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-27 CMT	1	13.8 - 14.3	09/26/2011	0.5 U	1.1	0.5 U	0.5 U	1.1
	2	28.9 - 29.4	09/26/2011	0.98	0.5 U	1.6	0.5 U	2.6
	3	43.7 - 44.2	09/26/2011	88	1.9	0.72	0.5 U	91
	4	58.7 - 59.2	09/26/2011	5.4	0.50	0.5 U	0.5 U	5.9
	5	73.9 - 74.4	09/26/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	99.5 - 100.0	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	116.0 - 116.5	09/26/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	09/27/2011	1.5	0.58	0.5 U	0.5 U	2.1
	2	29.5 - 30.0	09/27/2011	3.7	0.89	0.5 U	0.5 U	6.2
	3	48.8 - 49.3	09/27/2011	58	21	7.4	0.5 U	86
	4	59.2 - 59.7	09/27/2011	27	12	5.0	0.5 U	44
	5	70.2 - 70.7	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.0 - 98.5	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	134.0 - 134.5	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
<u>July 2012 Sampling Event</u>								
MW-24 CMT	1	17.2 - 17.7	07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.2 - 31.7	07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	46.1 - 46.6	07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	07/23/2012	0.95	0.5 U	0.5 U	0.5 U	0.95
	5	70.1 - 70.6	07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	91.1 - 91.6	07/24/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	111.0 - 111.5	07/24/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	07/25/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	07/25/2012	240	30	11	2.8	284
	3	42.3 - 42.8	07/25/2012	37	6.1	4.9	0.5 U	48
	4	59.3 - 59.8	07/25/2012	52 J	14	11	6.6	84
	5	71.7 - 72.2	07/26/2012	0.5 U	0.5 U	1.7	2.9	4.6
	6	82.2 - 82.7	07/25/2012	150	2.9	1.2	0.5 U	154
	7	107.0 - 107.5	07/26/2012	0.60	0.5 U	1.3	0.5 U	1.9
MW-26 CMT	1	14.5 - 15.0	07/26/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	07/26/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.5 - 45.0	07/26/2012	19	1.7	0.5 U	0.5 U	21

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-26 CMT	4	59.5 - 60.0	07/26/2012	54	1.2	0.69	0.5 U	56
	5	69.2 - 69.7	07/30/2012	0.76	0.5 U	0.5 U	0.5 U	0.76
	6	98.1 - 98.6	07/27/2012	0.5 U	0.60	0.5 U	0.5 U	0.60
	7	114.5 - 115.0	07/30/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-27 CMT	1	13.8 - 14.3	07/30/2012	0.5 U	1.1	0.5 U	0.5 U	1.1
	2	28.9 - 29.4	07/30/2012	4.2	0.5 U	0.5 U	0.5 U	4.2
	3	43.7 - 44.2	07/30/2012	140	3.2	2.4	0.5 U	146
	4	58.7 - 59.2	07/30/2012	20	1.3	0.59	0.5 U	22
	5	73.9 - 74.4	07/30/2012	1.9	0.5 U	0.5 U	0.5 U	1.9
	6	99.5 - 100.0	07/31/2012	1.1	0.5 U	0.79	0.5 U	1.9
	7	116.0 - 116.5	07/30/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	07/31/2012	2.3	0.91	0.5 U	0.5 U	3.2
	2	29.5 - 30.0	07/31/2012	5.0	1.3	0.5 U	0.5 U	7.2
	3	48.8 - 49.3	07/31/2012	70	22	7.2	0.5 U	99
	4	59.2 - 59.7	07/31/2012	47	15	4.9	0.5 U	67
	5	70.2 - 70.7	07/31/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.0 - 98.5	07/31/2012	0.68	0.72	0.56	0.5 U	2.0
	7	134.0 - 134.5	07/31/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
<u>April 2014 Sampling Event</u>								
MW-24 CMT	1	17.2 - 17.7	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.2 - 31.7	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	46.1 - 46.6	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	04/16/2014	1.0	0.79	0.5 U	0.5 U	1.8
	5	70.1 - 70.6	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	91.1 - 91.6	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	111.0 - 111.5	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	04/16/2014	86	13	11	5 U	110
	3	42.3 - 42.8	04/16/2014	140	72	27	3.4	242
	4	59.3 - 59.8	04/16/2014	100	21	18	14	154
	5	71.7 - 72.2	04/16/2014	0.5 U	0.5 U	1.9	4.7	6.6
	6	82.2 - 82.7	04/16/2014	150	4.2	3.0	0.65	158
	7	107.0 - 107.5	04/16/2014	0.5 U	0.5 U	0.88	0.5 U	0.88
MW-26 CMT	1	14.5 - 15.0	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.5 - 45.0	04/17/2014	34	2.6	0.5 U	0.5 U	37
	4	59.5 - 60.0	04/17/2014	71	2.4	1.3	0.5 U	75
	5	69.2 - 69.7	04/17/2014	24	1.1	0.5 U	0.5 U	25
	6	98.1 - 98.6	04/22/2014	2.2	1.3	0.75	0.5 U	4.3
	7	114.5 - 115.0	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-27 CMT	1	13.8 - 14.3	04/15/2014	0.5 U	0.62	0.5 U	0.5 U	0.62
	2	28.9 - 29.4	04/15/2014	5.4	1.1	20	3.8	31
	3	43.7 - 44.2	04/15/2014	150	15	7.7	1.8	175
	4	58.7 - 59.2	04/15/2014	21	2.3	1.5	0.5 U	25
	5	73.9 - 74.4	04/15/2014	3.3	1.0	1.3	0.5 U	5.6
	6	99.5 - 100.0	04/21/2014	0.5 U	1.2	3.1	1.1	5.4
	7	116.0 - 116.5	04/15/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	04/16/2014	7.0	3.6	1.2	0.5 U	12
	2	29.5 - 30.0	04/16/2014	3.6	1.2	0.5 U	0.5 U	4.8
MW-98 (dup)	2	29.5 - 30.0	04/16/2014	5.3	1.5	0.5 U	0.5 U	7.4
	3	48.8 - 49.3	04/16/2014	77	24	7.1	0.5 U	108
	4	59.2 - 59.7	04/16/2014	37	15	4.8	0.5 U	57
	5	70.2 - 70.7	04/16/2014	1.0	0.50	0.5 U	0.5 U	1.5
	6	98.0 - 98.5	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	134.0 - 134.5	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-30 CMT	1/2	29.6 - 30.1	04/16/2014	48	13	5.3	0.72	67
	3/4	44.6 - 45.1	04/16/2014	29	6.0	3.5	0.58	39
	5/6	58.7 - 59.2	04/16/2014	24	4.0	1.7	0.5 U	30
	7	68.4 - 68.9	04/16/2014	1.8	0.64	0.5 U	0.5 U	2.4
MW-31 CMT	1/2	32.2 - 32.7	04/15/2014	19	3.6	0.62	0.5 U	23
	3/4	45.7 - 46.2	04/15/2014	45	1.2	0.5 U	0.5 U	46
	5/6	57.2 - 57.7	04/15/2014	32 J	8.9	8.0	2.7	52
	7	69.2 - 69.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32 CMT	1/2	28.7 - 29.2	04/15/2014	1.7	0.5 U	0.5 U	0.5 U	1.7
	3/4	44.2 - 44.7	04/15/2014	45	5 U	5 U	5 U	45
	5/6	59.2 - 59.7	04/15/2014	98	5 U	5 U	5 U	98
	7	67.5 - 68.0	-	-	-	-	-	-
MW-33 CMT	1	14.6 - 15.1	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	04/16/2014	41	12	4.3	0.5 U	57
	3	43.7 - 44.2	04/16/2014	30	9.4	2.9	0.5 U	42
	4	59.7 - 60.2	04/16/2014	16	3.3	0.78	0.5 U	20
	5	71.7 - 72.2	04/16/2014	7.2	1.4	0.5 U	0.5 U	8.6
	6	97.9 - 98.4	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	114.9 - 115.4	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-34 CMT	1	15.6 - 16.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	30.6 - 31.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/17/2014	1.9	0.5 U	0.5 U	0.5 U	1.9
	5	72.6 - 73.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.2 - 98.7	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	118.1 - 118.6	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.8 - 32.3	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	04/18/2014	0.71	0.5 U	0.5 U	0.5 U	0.71
MW-97 (dup)	3	44.8 - 45.3	04/18/2014	0.67	0.5 U	0.5 U	0.5 U	0.67
	4	57.8 - 58.3	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.9 - 70.4	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	94.9 - 95.4	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	112.6 - 113.1	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-38 CMT	1	14.0 - 14.5	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.1 - 29.6	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)	4	57.2 - 57.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.2 - 69.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	84.3 - 84.8	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	99.7 - 100.2	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
October 2014 Sampling Event								
MW-24 CMT	1	17.2 - 17.7	-	-	-	-	-	-
	2	31.2 - 31.7	-	-	-	-	-	-
	3	46.1 - 46.6	10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	10/23/2014	0.92	0.76	0.5 U	0.5 U	1.7
	5	70.1 - 70.6	10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	91.1 - 91.6	-	-	-	-	-	-
	7	111.0 - 111.5	-	-	-	-	-	-
MW-25 CMT	1	14.2 - 14.7	10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	10/23/2014	78	14	16	0.86	109
	3	42.3 - 42.8	10/23/2014	95	40	20	1.4	156
	4	59.3 - 59.8	10/23/2014	110	20	25	13	169
	5	71.7 - 72.2	10/23/2014	0.5 U	0.5 U	2.2	4.1	6.3

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-25 CMT	6	82.2 - 82.7	10/23/2014	150	4.7	2.6	0.68	158
	7	107.0 - 107.5	10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26 CMT	1	14.5 - 15.0	10/22/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	10/22/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.5 - 45.0	10/22/2014	24	2.6	0.58	0.5 U	27
	4	59.5 - 60.0	10/22/2014	64	2.4	1.4	0.5 U	68
	5	69.2 - 69.7	10/22/2014	24	0.94	0.5 U	0.5 U	25
	6	98.1 - 98.6	10/22/2014	0.5 U	0.80	3.6	0.5 U	4.4
	7	114.5 - 115.0	10/22/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-27 CMT	1	13.8 - 14.3	10/21/2014	1.8	0.55	0.5 U	0.5 U	2.4
	2	28.9 - 29.4	10/21/2014	9.5	1.4	0.70	0.5 U	12
	3	43.7 - 44.2	10/21/2014	200	31	13	2.3	246
	4	58.7 - 59.2	10/21/2014	26	1.8	0.74	0.5 U	29
	5	73.9 - 74.4	10/21/2014	2.5	0.75	2.0	0.5 U	5.3
	6	99.5 - 100.0	10/21/2014	0.5 U	0.5 U	6.1	0.5 U	6.1
	7	116.0 - 116.5	-	-	-	-	-	-
MW-28 CMT	1	14.3 - 14.8	10/21/2014	5.4	2.6	0.77	0.5 U	8.8
	2	29.5 - 30.0	10/21/2014	5.3	1.8	0.58	0.5 U	7.7
	3	48.8 - 49.3	10/21/2014	79	25	7.7	0.5 U	112
	4	59.2 - 59.7	10/21/2014	53	18	5.1	0.5 U	76
MW-99 (dup)	4	59.2 - 59.7	10/21/2014	50	18	4.9	0.5 U	73
	5	70.2 - 70.7	10/21/2014	1.1	0.5 U	0.5 U	0.5 U	1.1
	6	98.0 - 98.5	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	134.0 - 134.5	-	-	-	-	-	-
MW-30 CMT	1/2	29.6 - 30.1	10/21/2014	24	6.9	7.9	0.5 U	39
	3/4	44.6 - 45.1	10/21/2014	30	6.9	3.5	0.54	41
	5/6	58.7 - 59.2	10/21/2014	32	5.1	2.0	0.5 U	39
	7	68.4 - 68.9	10/21/2014	3.3	0.78	0.5 U	0.5 U	4.1
MW-31 CMT	1/2	32.2 - 32.7	10/21/2014	14	3.9	1.7	0.5 U	20
	3/4	45.7 - 46.2	10/21/2014	42	2.7	0.56	0.5 U	45
	5/6	57.2 - 57.7	10/21/2014	28	9.0	8.0	2.2	47
	7	69.2 - 69.7	-	-	-	-	-	-
MW-32 CMT	1/2	28.7 - 29.2	10/21/2014	3.8	0.62	0.5 U	0.5 U	4.4
	3/4	44.2 - 44.7	10/21/2014	62	1.3	0.5 U	0.5 U	63
	5/6	59.2 - 59.7	10/21/2014	130	5.5	3.4	1.2	140
	7	67.5 - 68.0	10/21/2014	0.5 U	0.5 U	0.67	0.5 U	0.67
MW-33 CMT	1	14.6 - 15.1	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	10/22/2014	40	14	4.4	0.5 U	58
	3	43.7 - 44.2	10/22/2014	34	11	3.0	0.5 U	48
	4	59.7 - 60.2	10/22/2014	12	2.9	0.68	0.5 U	16
	5	71.7 - 72.2	10/22/2014	7.6	1.5	0.5 U	0.5 U	9.1
	6	97.9 - 98.4	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)	6	97.9 - 98.4	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	114.9 - 115.4	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-34 CMT	1	15.6 - 16.1	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	30.6 - 31.1	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	10/21/2014	5.8	0.5 U	0.5 U	0.5 U	5.8
	5	72.6 - 73.1	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.2 - 98.7	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	118.1 - 118.6	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.8 - 32.3	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-37 CMT	4	57.8 - 58.3	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.9 - 70.4	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	94.9 - 95.4	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	112.6 - 113.1	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-38 CMT	1	14.0 - 14.5	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.1 - 29.6	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/21/2014	0.5 U	0.50	0.5 U	0.5 U	0.50
	5	57.2 - 57.7	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)	5	69.2 - 69.7	10/21/2014	0.5 U	0.51	0.5 U	0.5 U	0.51
	6	84.3 - 84.8	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	99.7 - 100.2	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
July 2016 Sampling Event								
MW-24 CMT	1	17.2 - 17.7	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.2 - 31.7	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	46.1 - 46.6	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	07/07/2016	0.5 U	0.74	0.5 U	0.5 U	0.74
	5	70.1 - 70.6	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	91.1 - 91.6	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	111.0 - 111.5	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	07/07/2016	70	26	23	0.63	119
	3	42.3 - 42.8	07/07/2016	88	55	25	1.0	169
	4	59.3 - 59.8	07/07/2016	112	21	38	14	187
	5	71.7 - 72.2	07/07/2016	0.5 U	0.50	4.9	1.7	7.1
	6	82.2 - 82.7	07/07/2016	112	5.2	2.3	0.53	120
	7	107.0 - 107.5	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26 CMT	1	14.5 - 15.0	07/08/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	07/08/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.5 - 45.0	07/08/2016	37	2.9	0.5 U	0.5 U	40
	4	59.5 - 60.0	07/08/2016	64	3.5	1.7	1.6	71
MW-99 (dup)	4	59.5 - 60.0	07/08/2016	66	4.0	2.1	2.0	74
	5	69.2 - 69.7	07/08/2016	16	1.4	0.5 U	0.5 U	17
	6	98.1 - 98.6	07/08/2016	0.5 U	2.3	1.8	9.9	14
	7	114.5 - 115.0	07/08/2016	0.5 U	0.67	2.0	6.8	9.5
MW-27 CMT	1	13.8 - 14.3	07/13/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	28.9 - 29.4	07/13/2016	8.8	1.4	1.2	0.5 U	11
	3	43.7 - 44.2	07/13/2016	88	24	65	3.6	182
	4	58.7 - 59.2	07/13/2016	20	16	1.7	0.5 U	37
	5	73.9 - 74.4	07/13/2016	2.9	0.60	2.6	0.5 U	6.1
	6	99.5 - 100.0	07/13/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	116.0 - 116.5	07/13/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	07/12/2016	6.8	3.3	1.0	0.5 U	11
	2	29.5 - 30.0	07/12/2016	5.8	1.9	0.70	0.5 U	8.4
	3	48.8 - 49.3	07/12/2016	69	23	9.5	0.5 U	102
	4	59.2 - 59.7	07/12/2016	48	18	6.2	0.5 U	72
MW-98 (dup)	4	59.2 - 59.7	07/12/2016	51	18	6.5	0.5 U	75
	5	70.2 - 70.7	07/12/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.0 - 98.5	07/12/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	134.0 - 134.5	07/12/2016	0.5 U	0.5 U	3.4	1.3	4.7
MW-30 CMT	1	29.6 - 30.1	07/12/2016	42	12	8.8	0.53	63
	3	44.6 - 45.1	07/12/2016	14	7.4	24	3.1	48
	5	58.7 - 59.2	07/12/2016	54	14	5.5	0.69	74
	7	68.4 - 68.9	07/12/2016	4.1	1.4	2.6	0.5 U	8.2
MW-31 CMT	1	32.2 - 32.7	07/12/2016	21	3.2	1.5	0.5 U	26

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-31 CMT	3	45.7 - 46.2	07/12/2016	35	5.9	5.3	0.5 U	46
	5	57.2 - 57.7	07/12/2016	30	12	9.3	1.9	53
MW-32 CMT	1	28.7 - 29.2	07/08/2016	1.3	0.97	1.2	0.5 U	3.5
	3	44.2 - 44.7	07/08/2016	59	6.2	0.97	0.86	67
	5	59.2 - 59.7	07/08/2016	75	6.0	4.1	1.1	86
MW-33 CMT	1	14.6 - 15.1	07/14/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	07/14/2016	46	16	7.8	0.5 U	70
	3	43.7 - 44.2	07/14/2016	44	13	4.3	0.5 U	61
	4	59.7 - 60.2	07/14/2016	16	4.0	1.0	0.5 U	21
	5	71.7 - 72.2	07/14/2016	14	3.1	0.69	0.5 U	18
MW-97 (dup)	5	71.7 - 72.2	07/14/2016	14	3.1	0.75	0.5 U	18
	6	97.9 - 98.4	07/14/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	114.9 - 115.4	07/14/2016	0.5 U	0.5 U	0.62	1.3	1.9
MW-34 CMT	1	15.6 - 16.1	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	30.6 - 31.1	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)	3	44.6 - 45.1	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	07/15/2016	22	3.9	0.5 U	0.5 U	25
	5	72.6 - 73.1	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.2 - 98.7	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	118.1 - 118.6	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.8 - 32.3	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	07/11/2016	0.58	0.5 U	0.5 U	0.5 U	0.58
	4	57.8 - 58.3	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.9 - 70.4	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	94.9 - 95.4	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	112.6 - 113.1	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-38 CMT	1	14.0 - 14.5	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.1 - 29.6	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.2 - 69.7	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	84.3 - 84.8	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	99.7 - 100.2	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
March 2017 Sampling Event								
MW-24 CMT	1	17.2 - 17.7	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.2 - 31.7	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	46.1 - 46.6	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	03/29/2017	0.69	0.74	0.75	0.5 U	2.2
	5	70.1 - 70.6	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	91.1 - 91.6	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	111.0 - 111.5	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	03/29/2017	72	31	25	0.84	129
	3	42.3 - 42.8	03/29/2017	91	81	34	2.1	210
	4	59.3 - 59.8	03/29/2017	150	25	45	19	241
	5	71.7 - 72.2	03/29/2017	0.5 U	0.5 U	6.2	2.1	8.3
	6	82.2 - 82.7	03/29/2017	91	5.1	2.5	0.69	99
	7	107.0 - 107.5	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26 CMT	1	14.5 - 15.0	04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.5 - 45.0	04/04/2017	33	2.5	0.5 U	0.5 U	35
	4	59.5 - 60.0	04/04/2017	92	4.8	1.7	1.4	100
	5	69.2 - 69.7	04/04/2017	19	4.2	0.73	1.4	25

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-26 CMT	6	98.1 - 98.6	04/04/2017	0.5 U	9.4	6.3	61	76
	7	114.5 - 115.0	04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-27 CMT	1	13.8 - 14.3	03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	28.9 - 29.4	03/31/2017	12	1.6	1.7	0.5 U	15
	3	43.7 - 44.2	03/31/2017	100	22	76	3.9	204
	4	58.7 - 59.2	03/31/2017	23	18	2.5	0.5 U	44
	5	73.9 - 74.4	03/31/2017	4.5	0.83	2.9	0.5 U	8.2
	6	99.5 - 100.0	03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	116.0 - 116.5	03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	03/31/2017	13	5.9	2.1	0.5 U	21
	2	29.5 - 30.0	03/31/2017	8.0	2.5	0.92	0.5 U	11
	3	48.8 - 49.3	03/31/2017	90	27	11	0.5 U	128
	4	59.2 - 59.7	03/31/2017	54	17	6.2	0.5 U	76
MW-98 (dup)	4	59.2 - 59.7	03/31/2017	52	17	6.2	0.5 U	75
	5	70.2 - 70.7	03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.0 - 98.5	03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	134.0 - 134.5	03/31/2017	0.5 U	0.5 U	4.6	3.8	8.4
MW-30 CMT	1	29.6 - 30.1	04/03/2017	55	16	8.8	0.62	80
	3	44.6 - 45.1	04/03/2017	18	9.7	20	4.2	52
	5	58.7 - 59.2	04/03/2017	49	11	5.9	0.97	66
	7	68.4 - 68.9	04/03/2017	11	2.7	4.9	0.5 U	18
MW-31 CMT	1	32.2 - 32.7	04/03/2017	26	3.9	1.6	0.5 U	31
	3	45.7 - 46.2	04/03/2017	42	8.1	9.3	0.5 U	59
	5	57.2 - 57.7	04/03/2017	39	15	11	2.1	67
MW-32 CMT	1	28.7 - 29.2	04/03/2017	1.1	1.4	1.6	0.5 U	4.0
	3	44.2 - 44.7	04/03/2017	93	11	1.5	1.2	107
	5	59.2 - 59.7	04/03/2017	110	7.8	5.4	1.5	125
MW-97 (dup)	5	59.2 - 59.7	04/03/2017	105	7.7	5.2	1.4	119
MW-33 CMT	1	14.6 - 15.1	04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	04/03/2017	53	18	5.8	0.5 U	76
	3	43.7 - 44.2	04/03/2017	55	14	4.2	0.5 U	73
	4	59.7 - 60.2	04/03/2017	25	5.3	1.3	0.5 U	31
	5	71.7 - 72.2	04/03/2017	20	4.1	1.0	0.5 U	25
	6	97.9 - 98.4	04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	114.9 - 115.4	04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-34 CMT	1	15.6 - 16.1	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	30.6 - 31.1	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	03/30/2017	25	7.9	0.61	1.0	34
	5	72.6 - 73.1	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.2 - 98.7	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	118.1 - 118.6	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.8 - 32.3	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	03/29/2017	0.60	0.5 U	0.5 U	0.5 U	0.60
	4	57.8 - 58.3	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-99 (dup)	4	69.9 - 70.4	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.9 - 70.4	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	94.9 - 95.4	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	112.6 - 113.1	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-38 CMT	1	14.0 - 14.5	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.1 - 29.6	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.2 - 69.7	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-38 CMT	6	84.3 - 84.8	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	99.7 - 100.2	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
October 2017 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	10/24/2017	0.75	0.70	0.63	0.5 U	2.1
	7	111.0 - 111.5	10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/24/2017	103	58	28	1.1	190
	4	59.3 - 59.8	10/24/2017	188	29	58	24	303
MW-26 CMT	1	14.2 - 14.7	10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/26/2017	43	3.1	0.5 U	0.5 U	46
	4	59.3 - 59.8	10/26/2017	87	5.8	1.9	1.2	96
	5	69.2 - 69.7	10/26/2017	27	1.8	0.5 U	0.5 U	29
MW-27 CMT	1	13.8 - 14.3	10/24/2017	0.56	0.5 U	0.5 U	0.5 U	0.56
	3	43.7 - 44.2	10/24/2017	82	14	74	3.7	177
	4	58.7 - 59.2	10/24/2017	33	17	1.2	0.5 U	51
	7	116.0 - 116.5	10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	10/25/2017	5.7	2.2	0.54	0.5 U	8.4
	2	29.5 - 30.0	10/25/2017	7.9	2.6	0.67	0.5 U	11
	3	48.8 - 49.3	10/25/2017	90	27	10	0.5 U	127
	4	59.2 - 59.7	10/25/2017	56	18	5.8	0.5 U	79
	5	70.2 - 70.7	10/25/2017	1.8	0.58	0.5 U	0.5 U	2.3
MW-30 CMT	1	29.6 - 30.1	10/25/2017	43	10	5.6	0.55	59
	3	44.6 - 45.1	10/25/2017	20	16	14	3.8	54
	5	58.7 - 59.2	10/25/2017	59	12	4.8	0.76	76
MW-31 CMT	3	45.7 - 46.2	10/25/2017	42	7.0	6.7	1.2	57
	5	57.2 - 57.7	10/25/2017	35	14	9.6	2.2	61
MW-32 CMT	3	44.2 - 44.7	10/25/2017	81	12	1.6	1.2	96
	5	59.2 - 59.7	10/25/2017	100	8.1	5.0	1.8	115
MW-33 CMT	1	14.6 - 15.1	10/25/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	10/25/2017	47	15	4.7	0.5 U	67
	3	43.7 - 44.2	10/25/2017	48	14	3.9	0.5 U	66
	4	59.7 - 60.2	10/25/2017	23	5.3	1.1	0.5 U	30
	5	71.7 - 72.2	10/25/2017	20	4.9	0.99	0.5 U	26
MW-34 CMT	1	15.6 - 16.1	10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	10/24/2017	0.54	0.5 U	0.5 U	0.5 U	0.54
	4	60.7 - 61.2	10/24/2017	25	11	1.1	1.7	40
	5	72.6 - 73.1	10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	10/25/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	10/25/2017	0.54	0.5 U	0.5 U	0.5 U	0.54
MW-97 (dup)	3	44.8 - 45.3	10/25/2017	0.59	0.5 U	0.5 U	0.5 U	0.59
	4	57.8 - 58.3	10/25/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-38 CMT	1	14.0 - 14.5	10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
April 2018 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	04/25/2018	0.82 J	0.57	0.98 J	0.5 U	2.4
MW-25 CMT	1	14.2 - 14.7	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	04/25/2018	129	90	34	2.0	256
	4	59.3 - 59.8	04/25/2018	150	23	50	23	248
MW-26 CMT	1	14.2 - 14.7	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	04/25/2018	30	2.6	0.65	0.5 U	33

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-26 CMT	4	59.3 - 59.8	04/25/2018	76	6.8	2.6	2.3	88
MW-96 (dup)	4	59.3 - 59.8	04/25/2018	78	6.2	2.1	1.8	88
	5	69.2 - 69.7	04/25/2018	22	1.5	0.5 U	0.5 U	23
MW-27 CMT	1	13.8 - 14.3	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	04/25/2018	63	13	73	4.4	155
	4	58.7 - 59.2	04/25/2018	21	20	4.3	0.5 U	44
	7	116.0 - 116.5	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	04/25/2018	11	4.8	1.4	0.5 U	17
	2	29.5 - 30.0	04/25/2018	9.9	2.9	0.87	0.5 U	14
	3	48.8 - 49.3	04/25/2018	86	26	9.8	0.5 U	121
	4	59.2 - 59.7	04/25/2018	61	18	6.0	0.5 U	84
	5	70.2 - 70.7	04/25/2018	1.9	0.63	0.5 U	0.5 U	2.5
MW-30 CMT	1	29.6 - 30.1	04/25/2018	58	17	7.8	1.0	83
	3	44.6 - 45.1	04/25/2018	22	13	13	3.8	52
	5	58.7 - 59.2	04/25/2018	50	11	5.1	0.71	67
MW-31 CMT	3	45.7 - 46.2	04/25/2018	46	8.8	7.1	0.83	63
	5	57.2 - 57.7	04/25/2018	38	16	11	2.9	68
MW-32 CMT	3	44.2 - 44.7	04/25/2018	90	12	1.7	2.7	107
	5	59.2 - 59.7	04/25/2018	99	10	6.6	2.5	118
MW-33 CMT	1	14.6 - 15.1	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	04/25/2018	53	19	7.0	0.5 U	78
	3	43.7 - 44.2	04/25/2018	48	16	4.7	0.5 U	69
	4	59.7 - 60.2	04/25/2018	22	5.7	1.4	0.5 U	29
	5	71.7 - 72.2	04/25/2018	20	6.7	1.4	0.5 U	28
MW-34 CMT	1	15.6 - 16.1	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/25/2018	25	8.2	1.1	4.9	39
MW-99 (dup)	4	60.7 - 61.2	04/25/2018	25	8.0	1.1	4.7	38
	5	72.6 - 73.1	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	04/25/2018	0.79	0.5 U	0.5 U	0.5 U	0.79
	4	57.8 - 58.3	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-38 CMT	1	14.0 - 14.5	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
October 2018 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	10/09/2018	0.52	0.5 U	0.85	0.5 U	1.4
	7	111.0 - 111.5	10/09/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	10/15/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/15/2018	57	37	25	0.69	121
	4	59.3 - 59.8	10/09/2018	153	29	50	17	252
MW-26 CMT	1	14.2 - 14.7	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/12/2018	26	2.6	0.88	0.5 U	30
	4	59.3 - 59.8	10/12/2018	65	7.6	2.9	1.9	77
	5	69.2 - 69.7	10/12/2018	21	1.3	0.63	0.5 U	23
MW-27 CMT	1	13.8 - 14.3	10/09/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	10/09/2018	51	12	61	2.7	128
	4	58.7 - 59.2	10/09/2018	29	19	2.7	0.5 U	51
	7	116.0 - 116.5	10/09/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	10/15/2018	8.4	3.5	1.0	0.5 U	13
	2	29.5 - 30.0	10/15/2018	10	3.2	0.89	0.5 U	15
	3	48.8 - 49.3	10/15/2018	95	28	11	0.5 U	135

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Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-28 CMT	4	59.2 - 59.7	10/15/2018	64	19	5.8	0.5 U	88
	5	70.2 - 70.7	10/15/2018	2.1	0.75	0.57	0.5 U	3.4
MW-30 CMT	1	29.6 - 30.1	10/15/2018	49	11	6.7	0.57	67
	3	44.6 - 45.1	10/15/2018	24	12	12	2.3	51
	5	58.7 - 59.2	10/15/2018	56	11	4.5	0.5 U	71
MW-31 CMT	3	45.7 - 46.2	10/15/2018	48	7.6	7.3	0.66	63
	5	57.2 - 57.7	10/15/2018	38	15	11	1.8	65
MW-32 CMT	3	44.2 - 44.7	10/15/2018	83	13	1.9	1.5	99
	5	59.2 - 59.7	10/15/2018	103	8.8	6.1	1.6	119
MW-33 CMT	1	14.6 - 15.1	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	10/12/2018	40	16	5.0	0.5 U	60
	3	43.7 - 44.2	10/12/2018	45	15	4.6	0.5 U	64
	4	59.7 - 60.2	10/12/2018	19	5.3	1.6	0.5 U	26
	5	71.7 - 72.2	10/12/2018	19	6.7	1.7	0.5 U	27
MW-98 (dup)	5	71.7 - 72.2	10/12/2018	18	6.3	1.7	0.5 U	26
MW-34 CMT	1	15.6 - 16.1	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	10/10/2018	31	10	1.4	5.1	47
	5	72.6 - 73.1	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	10/12/2018	0.61	0.5 U	0.5 U	0.5 U	0.61
	4	57.8 - 58.3	10/12/2018	0.59	0.5 U	0.5 U	0.5 U	0.59
MW-38 CMT	1	14.0 - 14.5	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
April 2019 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	04/15/2019	0.55	0.52	1.0	0.5 U	2.1
MW-98 (dup)	4	61.1 - 61.6	04/15/2019	0.61	0.57	1.1	0.5 U	2.3
	7	111.0 - 111.5	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	04/15/2019	153	108	37	1.8	301
	4	59.3 - 59.8	04/15/2019	146	26	55	17	247
MW-26 CMT	1	14.2 - 14.7	04/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	04/11/2019	38	2.7	0.5 U	0.5 U	40
	4	59.3 - 59.8	04/11/2019	84	9.1	2.8	1.9	98
	5	69.2 - 69.7	04/11/2019	24	1.8	0.5 U	0.5 U	26
MW-27 CMT	1	13.8 - 14.3	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	04/15/2019	64	14	74	3.4 J	158
	4	58.7 - 59.2	04/15/2019	27	22	4.8	0.5 U	54
	7	116.0 - 116.5	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	04/11/2019	16	6.8	2.0	0.5 UJ	25
	2	29.5 - 30.0	04/11/2019	12	4.0	1.1	0.5 UJ	17
	3	48.8 - 49.3	04/11/2019	93	30	12	0.5 U	134
	4	59.2 - 59.7	04/11/2019	63	18	6.3	0.5 U	88
	5	70.2 - 70.7	04/11/2019	1.2	0.5 U	0.5 U	0.5 U	1.2
MW-30 CMT	1	29.6 - 30.1	04/12/2019	47	12	6.1	0.5 U	65
	3	44.6 - 45.1	04/12/2019	26	15	12	2.6	55
	5	58.7 - 59.2	04/12/2019	57	11	4.2	0.57	72
MW-31 CMT	3	45.7 - 46.2	04/12/2019	48	8.2	8.0	1.1	65
	5	57.2 - 57.7	04/12/2019	37	18	11	1.8	68

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Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-32 CMT	3	44.2 - 44.7	04/12/2019	93	14	2.1	1.5	110
MW-99 (dup)	3	44.2 - 44.7	04/12/2019	91	14	2.1	1.6	108
	5	59.2 - 59.7	04/12/2019	104	10	6.7	1.7	123
MW-33 CMT	1	14.6 - 15.1	04/11/2019	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
	2	29.6 - 30.1	04/11/2019	54	17	5.1	0.5 UJ	77
	3	43.7 - 44.2	04/11/2019	49	15	4.1	0.5 UJ	69
	4	59.7 - 60.2	04/11/2019	28	6.5	1.4	0.5 UJ	36
	5	71.7 - 72.2	04/11/2019	23	6.3	1.4	0.5 UJ	31
MW-34 CMT	1	15.6 - 16.1	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/15/2019	40	9.7	1.3	3.8	55
	5	72.6 - 73.1	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	04/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	04/11/2019	0.82	0.5 U	0.5 U	0.5 U	0.82
	4	57.8 - 58.3	04/11/2019	0.69	0.5 U	0.5 U	0.5 U	0.69
MW-38 CMT	1	14.0 - 14.5	04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
October 2019 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	10/10/2019	0.5 U	0.5 U	1.2	0.5 U	1.2
	7	111.0 - 111.5	10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	10/10/2019	42	40	23	0.90	105
	5	71.7 - 72.2	10/11/2019	0.5 U	0.5 U	7.6	2.2	9.8
MW-26 CMT	1	14.2 - 14.7	10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/15/2019	38	2.7	0.5 U	0.5 U	40
	4	59.3 - 59.8	10/15/2019	73	9.5	2.6	1.7	87
	5	69.2 - 69.7	10/15/2019	22	1.4	0.5 U	0.5 U	23
MW-27 CMT	1	13.8 - 14.3	10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	10/10/2019	55	14	62	2.8	135
	4	58.7 - 59.2	10/14/2019	30	21	3.6	0.5 U	55
	7	116.0 - 116.5	10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	10/14/2019	17	5.6	1.7	0.5 U	24
	2	29.5 - 30.0	10/14/2019	15	4.2	1.2	0.5 U	20
	3	48.8 - 49.3	10/14/2019	104	29	12	0.5 U	144
	4	59.2 - 59.7	10/14/2019	71 J	18 J	6.0	0.5 U	94
	5	70.2 - 70.7	10/14/2019	1.5 J	0.53 J	0.5 U	0.5 U	2.0
MW-96 (dup)	5	70.2 - 70.7	10/14/2019	1.2 J	0.51 J	0.5 U	0.5 U	1.7
MW-30 CMT	1	29.6 - 30.1	10/14/2019	55	9.8	6.5	0.5 U	71
	3	44.6 - 45.1	10/14/2019	33	15	12	2.4	62
	5	58.7 - 59.2	10/14/2019	60	9.3	4.1	0.5 U	73
MW-31 CMT	3	45.7 - 46.2	10/14/2019	61	7.1	4.0	0.62	73
	5	57.2 - 57.7	10/14/2019	46	12	10	1.3	70
MW-32 CMT	3	44.2 - 44.7	10/14/2019	110	12	1.8	1.4	126
	5	59.2 - 59.7	10/14/2019	104	10	6.2	1.4	122
MW-33 CMT	1	14.6 - 15.1	10/15/2019	0.57	0.54	0.5 U	0.5 U	1.1
	2	29.6 - 30.1	10/15/2019	47	16	4.9	0.5 U	68
	3	43.7 - 44.2	10/15/2019	52	16	4.1	0.5 U	72
	4	59.7 - 60.2	10/15/2019	28	6.6	1.3	0.5 U	36
	5	71.7 - 72.2	10/15/2019	23	5.8	1.3	0.5 U	30
MW-34 CMT	1	15.6 - 16.1	10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-34 CMT	3	44.6 - 45.1	10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	10/10/2019	13	16	2.1	9.2	40
	5	72.6 - 73.1	10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	10/11/2019	0.68	0.5 U	0.5 U	0.5 U	0.68
	4	57.8 - 58.3	10/11/2019	0.63	0.5 U	0.5 U	0.5 U	0.63
MW-38 CMT	1	14.0 - 14.5	10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
<u>April 2020 Sampling Event</u>								
MW-24 CMT	4	61.1 - 61.6	04/20/2020	0.5 U	0.5 U	1.3	0.5 U	1.3
	7	111.0 - 111.5	04/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	04/20/2020	51	33	27	0.80	113
	3	42.3 - 42.8	04/15/2020	118	85	32	1.3	237
	4	59.3 - 59.8	04/15/2020	119	34	71	21	249
	5	71.7 - 72.2	04/15/2020	0.5 U	0.5 U	9.4	1.7	11
	6	82.2 - 82.7	04/15/2020	89	9.9	4.8	0.79	105
	7	107.0 - 107.5	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26 CMT	1	14.2 - 14.7	04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	04/14/2020	40	3.1	0.70	0.5 U	44
MW-99 (dup)	3	42.3 - 42.8	04/14/2020	40	3.0	0.57	0.5 U	44
	4	59.3 - 59.8	04/14/2020	67	13	4.7	2.9	88
	5	69.2 - 69.7	04/14/2020	26	1.4	0.5 U	0.5 U	28
MW-27 CMT	1	13.8 - 14.3	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	04/21/2020	66	17	71	3.3	159
	4	58.7 - 59.2	04/15/2020	28	27	5.9	0.5 U	61
	7	116.0 - 116.5	04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	04/15/2020	8.1	2.7	0.57	0.5 U	11
	2	29.5 - 30.0	04/15/2020	15	5.7	1.5	0.5 U	22
	3	48.8 - 49.3	04/15/2020	111	39	13	0.5 U	163
	4	59.2 - 59.7	04/15/2020	71	23	7.0	0.5 U	101
	5	70.2 - 70.7	04/15/2020	3.1	1.4	0.89	0.5 U	5.4
MW-30 CMT	1	29.6 - 30.1	04/15/2020	52	13	7.0	0.54	72
	3	44.6 - 45.1	04/15/2020	26	19	14	3.6	63
	5	58.7 - 59.2	04/15/2020	54	11	4.2	0.5 U	69
MW-31 CMT	3	45.7 - 46.2	04/15/2020	49	9.7	9.5	2.0	70
	5	57.2 - 57.7	04/15/2020	46	16	12	1.7	75
MW-32 CMT	3	44.2 - 44.7	04/15/2020	106	13	2.1	1.8	123
	5	59.2 - 59.7	04/15/2020	102	12	7.6	2.0	123
MW-33 CMT	1	14.6 - 15.1	04/14/2020	0.5 U	0.67	0.5 U	0.5 U	0.67
	2	29.6 - 30.1	04/14/2020	62	21	7.4	0.5 U	91
	3	43.7 - 44.2	04/14/2020	60	18	4.7	0.5 U	82
	4	59.7 - 60.2	04/14/2020	34	8.3	1.7	0.5 U	44
	5	71.7 - 72.2	04/14/2020	27	6.9	1.7	0.5 U	36
MW-34 CMT	1	15.6 - 16.1	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)	3	44.6 - 45.1	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/21/2020	43	10	1.4	4.0	59
	5	72.6 - 73.1	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	04/14/2020	0.71	0.5 U	0.5 U	0.5 U	0.71

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-37 CMT	4	57.8 - 58.3	04/14/2020	0.62	0.5 U	0.5 U	0.5 U	0.62
MW-38 CMT	1	14.0 - 14.5	04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
October 2020 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	10/12/2020	0.5 U	0.5 U	1.1	0.5 UJ	1.1
	7	111.0 - 111.5	10/12/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-25 CMT	1	14.2 - 14.7	10/07/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	10/12/2020	57	43	25	0.91 J	125
	3	42.3 - 42.8	10/07/2020	63	48	24	0.60	134
	4	59.3 - 59.8	10/07/2020	131	33	68	15	251
	5	71.7 - 72.2	10/07/2020	0.5 U	0.5 U	8.4	1.7	10
	6	82.2 - 82.7	10/07/2020	72	7.1	4.4	0.66	84
	7	107.0 - 107.5	10/07/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26 CMT	1	14.2 - 14.7	10/07/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/07/2020	33	2.6	0.57	0.5 U	37
	4	59.3 - 59.8	10/07/2020	63	11	3.8	1.4	79
	5	69.2 - 69.7	10/07/2020	19	0.91	0.51	0.5 U	21
MW-27 CMT	1	13.8 - 14.3	10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	10/12/2020	56	13	53	2.3 J	126
	4	58.7 - 59.2	10/08/2020	30	25	3.3	0.5 U	58
	7	116.0 - 116.5	10/12/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-28 CMT	1	14.3 - 14.8	10/07/2020	8.1	3.1	0.93	0.5 U	12
	2	29.5 - 30.0	10/07/2020	13	4.7	1.4	0.5 U	19
	3	48.8 - 49.3	10/07/2020	85	29	12	0.5 U	126
MW-98 (dup)	3	48.8 - 49.3	10/07/2020	92	29	12	0.5 U	133
	4	59.2 - 59.7	10/07/2020	54	16	5.7	0.5 U	76
	5	70.2 - 70.7	10/07/2020	1.6	0.89	0.5 U	0.5 U	2.5
MW-30 CMT	1	29.6 - 30.1	10/08/2020	50	9.9	6.5	0.58	67
	3	44.6 - 45.1	10/08/2020	26	16	15	3.8	60
	5	58.7 - 59.2	10/08/2020	53	9.8	3.9	0.5 U	67
MW-31 CMT	3	45.7 - 46.2	10/08/2020	53	8.2	5.8	1.7	68
	5	57.2 - 57.7	10/08/2020	35	11	12	2.2	61
MW-32 CMT	3	44.2 - 44.7	10/08/2020	91	12	2.0	2.3	106
	5	59.2 - 59.7	10/08/2020	88	9.4	7.1	1.8	106
MW-33 CMT	1	14.6 - 15.1	10/07/2020	0.5 U	0.70	0.5 U	0.5 U	0.70
	2	29.6 - 30.1	10/07/2020	50	16	5.8	0.5 U	71
	3	43.7 - 44.2	10/07/2020	57	17	4.8	0.5 U	78
	4	59.7 - 60.2	10/07/2020	32	7.6	1.8	0.5 U	42
	5	71.7 - 72.2	10/07/2020	27	6.2	1.9	0.5 U	35
MW-34 CMT	1	15.6 - 16.1	10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
	3	44.6 - 45.1	10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-97 (dup)	3	44.6 - 45.1	10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
	4	60.7 - 61.2	10/12/2020	46	9.7	1.7	5.0 J	62
	5	72.6 - 73.1	10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-37 CMT	1	14.7 - 15.2	10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
	3	44.8 - 45.3	10/09/2020	0.89 J	0.5 U	0.5 U	0.5 UJ	0.89
	4	57.8 - 58.3	10/09/2020	0.67 J	0.5 U	0.5 U	0.5 UJ	0.67
MW-38 CMT	1	14.0 - 14.5	10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
<u>April 2021 Sampling Event</u>								
MW-24 CMT	4	61.1 - 61.6	04/20/2021	0.5 U	0.5 U	1.0	0.5 U	1.0
	7	111.0 - 111.5	04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	04/20/2021	42	46	25	1.1	114
	3	42.3 - 42.8	04/21/2021	33	30	16	1.3	80
	4	59.3 - 59.8	04/21/2021	45	26	66	17	159
	5	71.7 - 72.2	04/21/2021	0.5 U	0.5 U	9.7	2.5	12
	6	82.2 - 82.7	04/21/2021	69	8.2	4.9	0.92	82
	7	107.0 - 107.5	04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26 CMT	1	14.2 - 14.7	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	04/22/2021	41	3.2	0.63	0.5 U	45
	4	59.3 - 59.8	04/22/2021	68	14	4.3	2.5	88
	5	69.2 - 69.7	04/22/2021	23	1.4	0.64	0.5 U	25
MW-27 CMT	1	13.8 - 14.3	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	04/20/2021	64	12	71	4.9	154
	4	58.7 - 59.2	04/22/2021	24	29	7.2	0.5 U	60
	7	116.0 - 116.5	04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	04/23/2021	13	5.8	1.6	0.5 U	21
	2	29.5 - 30.0	04/23/2021	17	6.9	2.2	0.5 U	26
	3	48.8 - 49.3	04/23/2021	111	41	13	0.5 U	165
	4	59.2 - 59.7	04/23/2021	62	22	6.1	0.5 U	90
	5	70.2 - 70.7	04/23/2021	2.0	1.2	0.69	0.5 U	3.9
MW-30 CMT	1	29.6 - 30.1	04/23/2021	58	15	7.1	0.5 U	80
	3	44.6 - 45.1	04/23/2021	27	19	16	3.9	66
	5	58.7 - 59.2	04/23/2021	51	11	4.1	0.5 U	66
MW-31 CMT	3	45.7 - 46.2	04/22/2021	57	8.7	4.2	1.3	71
	5	57.2 - 57.7	04/22/2021	38	15	12	2.0	66
MW-32 CMT	3	44.2 - 44.7	04/22/2021	88	12	2.1	1.8	104
MW-98 (dup)	3	44.2 - 44.7	04/22/2021	88	12	2.1	1.8	104
	5	59.2 - 59.7	04/22/2021	78	10	7.0	1.7	97
MW-33 CMT	1	14.6 - 15.1	04/23/2021	0.62	0.86	0.5 U	0.5 U	1.5
	2	29.6 - 30.1	04/23/2021	55	21	5.6	0.5 U	81
	3	43.7 - 44.2	04/23/2021	56	18	4.6	0.5 U	79
	4	59.7 - 60.2	04/23/2021	32	8.6	1.9	0.5 U	42
MW-97 (dup)	4	59.7 - 60.2	04/23/2021	34	9.1	2.0	0.5 U	45
	5	71.7 - 72.2	04/23/2021	30	7.7	2.1	0.5 U	40
MW-34 CMT	1	15.6 - 16.1	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/20/2021	44	9.5	1.5	7.3	62
	5	72.6 - 73.1	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	04/22/2021	0.95	0.5 U	0.5 U	0.5 U	0.95
	4	57.8 - 58.3	04/22/2021	0.67	0.5 U	0.5 U	0.5 U	0.67
MW-38 CMT	1	14.0 - 14.5	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
<u>October 2021 Sampling Event</u>								
MW-24 CMT	4	61.1 - 61.6	10/11/2021	0.5 U	0.5 U	1.1	0.5 U	1.1
	7	111.0 - 111.5	10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	10/11/2021	40	39	19	1.1	100

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-25 CMT	3	42.3 - 42.8	10/07/2021	42	34	14	0.62	90
	4	59.3 - 59.8	10/07/2021	60	36	74	16	190
	5	71.7 - 72.2	10/07/2021	0.5 U	0.5 U	9.6	2.2	12
	6	82.2 - 82.7	10/07/2021	60	7.6	4.9	0.54	74
	7	107.0 - 107.5	10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26 CMT	1	14.2 - 14.7	10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/07/2021	31	2.8	0.5 U	0.5 U	34
	4	59.3 - 59.8	10/07/2021	58	14	4.0	1.8	78
	5	69.2 - 69.7	10/07/2021	24	1.1	0.5 U	0.5 U	25
MW-27 CMT	1	13.8 - 14.3	10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	10/12/2021	55	18	68	3.0	146
	4	58.7 - 59.2	10/06/2021	29	26	2.8	0.5 U	58
	7	116.0 - 116.5	10/12/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	10/06/2021	3.4	1.3	0.5 U	0.5 U	4.7
	2	29.5 - 30.0	10/06/2021	15	6.6	1.9	0.5 U	24
	3	48.8 - 49.3	10/06/2021	87	34	12	0.5 U	133
	4	59.2 - 59.7	10/06/2021	51 J	19 J	6.4 J	0.5 UJ	77
	5	70.2 - 70.7	10/06/2021	1.8	1.3	0.50	0.5 U	3.6
MW-30 CMT	1	29.6 - 30.1	10/06/2021	37	9.4	6.3	0.61	53
	3	44.6 - 45.1	10/06/2021	23	20	16	3.8	63
	5	58.7 - 59.2	10/06/2021	41	8.5	3.6	0.5 U	53
MW-31 CMT	3	45.7 - 46.2	10/06/2021	50	7.3	3.2	1.2	62
	5	57.2 - 57.7	10/06/2021	34	12	11	1.7	59
MW-32 CMT	3	44.2 - 44.7	10/06/2021	81	9.7	2.0	1.8	94
	5	59.2 - 59.7	10/06/2021	71	9.7	7.2	1.2	89
MW-33 CMT	1	14.6 - 15.1	10/06/2021	0.5 U	0.83	0.5 U	0.5 U	0.83
	2	29.6 - 30.1	10/06/2021	44	17	5.2	0.5 U	66
	3	43.7 - 44.2	10/06/2021	44	16	4.5	0.5 U	64
	4	59.7 - 60.2	10/06/2021	28	7.9	1.9	0.5 U	37
	5	71.7 - 72.2	10/06/2021	23	6.4	1.7	0.5 U	31
MW-34 CMT	1	15.6 - 16.1	10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	10/07/2021	55	7.8	1.4	4.1	68
	5	72.6 - 73.1	10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	10/06/2021	0.53	0.5 U	0.5 U	0.5 U	0.53
	4	57.8 - 58.3	10/06/2021	0.59	0.5 U	0.5 U	0.5 U	0.59
MW-38 CMT	1	14.0 - 14.5	10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)	4	57.2 - 57.7	10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
April 2022 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	04/12/2022	0.5 U	0.5 U	1.0	0.5 U	1.0
	7	111.0 - 111.5	04/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	04/12/2022	58	54	25	0.82	138
	3	42.3 - 42.8	04/13/2022	74	41	22	1.3	137
	4	59.3 - 59.8	04/12/2022	34	36	80	19	175
	5	71.7 - 72.2	04/13/2022	0.5 U	0.5 U	12	2.6	15
	6	82.2 - 82.7	04/13/2022	70	8.2	5.9	1.1	85
	7	107.0 - 107.5	04/13/2022	0.62	0.5 U	0.5 U	0.5 U	0.62
MW-26 CMT	1	14.2 - 14.7	04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-26 CMT	3	42.3 - 42.8	04/13/2022	53	3.1	0.5 U	0.5 U	57
MW-99 (dup)	3	42.3 - 42.8	04/13/2022	51	3.3	0.5 U	0.5 U	55
	4	59.3 - 59.8	04/13/2022	77	15	6.1	2.0	100
	5	69.2 - 69.7	04/13/2022	32	1.0	0.5 U	0.5 U	33
MW-27 CMT	1	13.8 - 14.3	04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	04/12/2022	70	15	73	2.5	163
	4	58.7 - 59.2	04/15/2022	42	29	3.7	0.5 U	75
	7	116.0 - 116.5	04/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	04/15/2022	9.3	2.7	0.58	0.5 U	13
	2	29.5 - 30.0	04/15/2022	25	9.0	2.3	0.5 U	36
	3	48.8 - 49.3	04/15/2022	145	43	13	0.5 U	202
	4	59.2 - 59.7	04/15/2022	84	23	6.6	0.5 U	114
	5	70.2 - 70.7	04/15/2022	2.5	1.6	0.97	0.5 U	5.0
MW-30 CMT	1	29.6 - 30.1	04/15/2022	57	13	6.3	0.5 U	76
	3	44.6 - 45.1	04/15/2022	35	20	16	2.8	74
	5	58.7 - 59.2	04/15/2022	54	13	4.5	0.5 U	72
MW-31 CMT	3	45.7 - 46.2	04/14/2022	55	7.5	7.7	1.5	72
	5	57.2 - 57.7	04/14/2022	38	17	13	1.3	70
MW-98 (dup)	5	57.2 - 57.7	04/14/2022	38	18	14	1.4	70
MW-32 CMT	3	44.2 - 44.7	04/14/2022	113	12	2.3	1.5	129
	5	59.2 - 59.7	04/14/2022	96	11	7.6	1.2	116
MW-33 CMT	1	14.6 - 15.1	04/14/2022	0.5 U	0.73	0.5 U	0.5 U	0.73
	2	29.6 - 30.1	04/14/2022	64	20	6.0	0.5 U	89
	3	43.7 - 44.2	04/14/2022	65	19	4.9	0.5 U	89
	4	59.7 - 60.2	04/14/2022	38	9.3	2.0	0.5 U	49
	5	71.7 - 72.2	04/14/2022	33	8.0	2.1	0.5 U	43
MW-34 CMT	1	15.6 - 16.1	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/12/2022	55	6.4	1.4	4.5	67
	5	72.6 - 73.1	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	04/14/2022	0.71	0.5 U	0.5 U	0.5 U	0.71
	4	57.8 - 58.3	04/14/2022	0.79	0.5 U	0.5 U	0.5 U	0.79
MW-38 CMT	1	14.0 - 14.5	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
October 2022 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	10/12/2022	0.5 U	0.5 U	0.95	0.5 U	0.95
	7	111.0 - 111.5	10/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	10/17/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	10/12/2022	46	45	22	1.1	114
	3	42.3 - 42.8	10/17/2022	48	47	23	1.7	120
	4	59.3 - 59.8	10/12/2022	20	27	58	20	128
	5	71.7 - 72.2	10/17/2022	0.5 U	0.5 U	13	2.8	16
MW-99 (dup)	5	71.7 - 72.2	10/17/2022	0.5 U	0.5 U	13	2.9	16
	6	82.2 - 82.7	10/17/2022	53	7.4	6.5	0.74	67
	7	107.0 - 107.5	10/17/2022	0.57	0.5 U	0.5 U	0.5 U	0.57
MW-26 CMT	1	14.2 - 14.7	10/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/18/2022	38	2.8	1.5	0.62	43
	4	59.3 - 59.8	10/18/2022	59	13	8.4	1.6	82
	5	69.2 - 69.7	10/18/2022	26	1.0	1.4	0.5 U	28
MW-27 CMT	1	13.8 - 14.3	10/19/2022	1.5	0.5 U	0.5 U	0.5 UJ	1.5

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-27 CMT	3	43.7 - 44.2	10/12/2022	74	14	64	2.5	158
	4	58.7 - 59.2	10/19/2022	40	30 J	2.2	0.5 UJ	72
	7	116.0 - 116.5	10/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	10/19/2022	5.0	1.0 J	0.5 U	0.5 UJ	6.0
	2	29.5 - 30.0	10/19/2022	25	9.2 J	2.6	0.5 UJ	37
	3	48.8 - 49.3	10/19/2022	130	41 J	15	0.5 UJ	185
	4	59.2 - 59.7	10/19/2022	79	24 J	7.7	0.5 UJ	110
	5	70.2 - 70.7	10/19/2022	3.6	1.8 J	1.2	0.5 UJ	6.6
MW-30 CMT	1	29.6 - 30.1	10/19/2022	52	10 J	6.4	0.71 J	69
	3	44.6 - 45.1	10/19/2022	33	16 J	17	3.9 J	70
	5	58.7 - 59.2	10/19/2022	51	13 J	4.9	0.70 J	70
MW-31 CMT	3	45.7 - 46.2	10/17/2022	47	5.6	5.1	0.75	58
	5	57.2 - 57.7	10/17/2022	31	15	14	0.62	60
MW-32 CMT	3	44.2 - 44.7	10/17/2022	85	8.8	2.2	1.0	97
	5	59.2 - 59.7	10/17/2022	82	9.3	8.1	0.81	100
MW-33 CMT	1	14.6 - 15.1	10/18/2022	0.5 U	0.86 J	0.5 U	0.5 UJ	0.86
	2	29.6 - 30.1	10/18/2022	57	18 J	6.0	0.5 UJ	81
	3	43.7 - 44.2	10/18/2022	60	19 J	5.1	0.5 UJ	84
MW-98 (dup)	3	43.7 - 44.2	10/18/2022	70	19 J	4.8	0.5 UJ	93
	4	59.7 - 60.2	10/18/2022	41	9.7 J	2.3	0.5 UJ	53
	5	71.7 - 72.2	10/18/2022	33	7.9 J	2.2	0.5 UJ	43
MW-34 CMT	1	15.6 - 16.1	10/17/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	10/17/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	10/12/2022	85	3.2	0.65	0.70	89
	5	72.6 - 73.1	10/17/2022	0.83	0.5 U	0.5 U	0.5 U	0.83
MW-37 CMT	1	14.7 - 15.2	10/18/2022	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
	3	44.8 - 45.3	10/18/2022	0.83	0.5 U	0.5 U	0.5 UJ	0.83
	4	57.8 - 58.3	10/18/2022	0.73	0.5 U	0.5 U	0.5 UJ	0.73
MW-38 CMT	1	14.0 - 14.5	10/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
<u>April 2023 Sampling Event</u>								
MW-24 CMT	4	61.1 - 61.6	04/26/2023	0.5 U	0.5 U	0.88	0.5 U	0.88
	7	111.0 - 111.5	04/26/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	05/01/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	04/26/2023	37	36	18	1.6 J	93
	3	42.3 - 42.8	05/01/2023	61	42	26	1.4 J	131
	4	59.3 - 59.8	04/26/2023	27	54	64	21 J	170
	5	71.7 - 72.2	05/01/2023	0.5 U	0.5 U	12	3.8 J	16
	6	82.2 - 82.7	05/01/2023	42	6.0	5.4	0.88 J	54
MW-99 (dup)	6	82.2 - 82.7	05/01/2023	41	6.0	5.3	0.68 J	53
	7	107.0 - 107.5	05/01/2023	0.57	0.5 U	0.5 U	0.5 U	0.57
MW-26 CMT	1	14.2 - 14.7	05/01/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	05/01/2023	39	2.9	1.5	1.0 J	45
	4	59.3 - 59.8	05/01/2023	45	11	6.3	2.0 J	64
	5	69.2 - 69.7	05/01/2023	21	0.67	0.5 U	0.5 U	22
MW-27 CMT	1	13.8 - 14.3	05/02/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	04/26/2023	37	13	51	2.8 J	105
	4	58.7 - 59.2	05/02/2023	30	30	2.3	0.5 U	63
	7	116.0 - 116.5	04/26/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	05/02/2023	4.3	1.1	0.5 U	0.5 U	5.4
	2	29.5 - 30.0	05/02/2023	22	8.9	2.5	0.5 U	33

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-28 CMT	3	48.8 - 49.3	05/02/2023	104	36	11	0.5 U	151
	4	59.2 - 59.7	05/02/2023	62	20	5.9	0.5 U	88
	5	70.2 - 70.7	05/02/2023	2.8	1.7	1.1	0.5 U	5.6
MW-30 CMT	1	29.6 - 30.1	05/02/2023	39	8.7	5.6	0.5 U	53
	3	44.6 - 45.1	05/02/2023	29	15	14	2.8	61
	5	58.7 - 59.2	05/02/2023	40	11	3.9	0.5 U	54
MW-31 CMT	3	45.7 - 46.2	05/02/2023	44	5.5	4.4	0.93	55
	5	57.2 - 57.7	05/02/2023	33	13	12	1.0	59
MW-32 CMT	3	44.2 - 44.7	05/02/2023	77	7.3	2.0	1.5 J	88
	5	59.2 - 59.7	05/02/2023	73	8.6	7.1	1.0	90
MW-33 CMT	1	14.6 - 15.1	05/03/2023	0.5 U	0.56	0.5 U	0.5 U	0.56
	2	29.6 - 30.1	05/03/2023	54	18	5.0	0.5 U	77
	3	43.7 - 44.2	05/03/2023	56	16	4.0	0.5 U	76
	4	59.7 - 60.2	05/03/2023	34	8.2 J	2.0	0.5 U	44
	5	71.7 - 72.2	05/03/2023	25	6.2 J	1.8	0.5 U	33
MW-34 CMT	1	15.6 - 16.1	05/01/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	05/01/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/26/2023	52	6.1	1.1	2.4	62
	5	72.6 - 73.1	05/01/2023	0.72	0.5 U	0.5 U	0.5 U	0.72
MW-37 CMT	1	14.7 - 15.2	05/03/2023	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	05/03/2023	0.52	0.5 UJ	0.5 U	0.5 U	0.52
	4	57.8 - 58.3	05/03/2023	0.54	0.5 UJ	0.5 U	0.5 U	0.54
MW-38 CMT	1	14.0 - 14.5	05/03/2023	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	05/03/2023	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	05/03/2023	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
MW-97 (dup)	4	57.2 - 57.7	05/03/2023	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
October 2023 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	10/10/2023	0.5 U	0.5 U	1.0	0.5 U	1.0
	7	111.0 - 111.5	10/10/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	10/12/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	10/10/2023	63	43	16	0.99	123
	3	42.3 - 42.8	10/12/2023	58	40	14	1.1	114
MW-99 (dup)	3	42.3 - 42.8	10/12/2023	61	41	14	0.99	117
	4	59.3 - 59.8	10/10/2023	38	74	70	14	200
	5	71.7 - 72.2	10/12/2023	0.5 U	0.5 U	8.8	3.1	12
	6	82.2 - 82.7	10/12/2023	46	6.9	5.0	0.68	58
	7	107.0 - 107.5	10/12/2023	0.95	0.5 U	0.5 U	0.5 U	0.95
MW-26 CMT	1	14.2 - 14.7	10/12/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/12/2023	38	3.0	1.2	0.73	43
	4	59.3 - 59.8	10/12/2023	48	13	5.9	1.6	69
	5	69.2 - 69.7	10/12/2023	22	0.78	0.5 U	0.5 U	23
MW-27 CMT	1	13.8 - 14.3	10/13/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	10/11/2023	71	14	58	2.0	147
	4	58.7 - 59.2	10/13/2023	43	17	1.5	0.5 U	61
	7	116.0 - 116.5	10/11/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	10/16/2023	3.1	1.1	0.5 U	0.5 U	4.1
	2	29.5 - 30.0	10/16/2023	29 J	9.6	2.7	0.5 U	41
	3	48.8 - 49.3	10/16/2023	104	38	12	0.5 U	153
	4	59.2 - 59.7	10/16/2023	70 J	20	6.3	0.5 U	96
	5	70.2 - 70.7	10/16/2023	4.3 J	2.4	1.5	0.5 U	8.2
MW-30 CMT	1	29.6 - 30.1	10/13/2023	28	6.4	5.6	0.72	41

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillia Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-30 CMT	3	44.6 - 45.1	10/13/2023	28	19	16	2.9	66
MW-98 (dup)	3	44.6 - 45.1	10/13/2023	26	18	16	2.9	63
	5	58.7 - 59.2	10/13/2023	37	10	3.9	0.58	51
MW-31 CMT	3	45.7 - 46.2	10/13/2023	45	6.4	4.2	1.1	56
	5	57.2 - 57.7	10/13/2023	30	15	11	1.2	56
MW-32 CMT	3	44.2 - 44.7	10/13/2023	77	7.0	1.4	1.3	86
	5	59.2 - 59.7	10/13/2023	57	7.7	5.4	0.98	71
MW-33 CMT	1	14.6 - 15.1	10/13/2023	0.53	0.86	0.5 U	0.5 U	1.4
	2	29.6 - 30.1	10/13/2023	40	15	5.3	0.5 U	61
	3	43.7 - 44.2	10/13/2023	46	15	4.6	0.5 U	65
	4	59.7 - 60.2	10/13/2023	32	8.8	2.2	0.5 U	43
	5	71.7 - 72.2	10/13/2023	27	7.3	1.9	0.5 U	36
MW-34 CMT	1	15.6 - 16.1	10/12/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	10/12/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	10/10/2023	77	3.9	0.76	0.5 U	81
	5	72.6 - 73.1	10/12/2023	1.6	0.5 U	0.5 U	0.5 U	1.6
MW-37 CMT	1	14.7 - 15.2	10/16/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	10/16/2023	0.68 J	0.5 U	0.5 U	0.5 U	0.68
	4	57.8 - 58.3	10/16/2023	0.75 J	0.5 U	0.5 U	0.5 U	0.75
MW-38 CMT	1	14.0 - 14.5	10/16/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/16/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/16/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DEQ RBC Screening Level Criteria for Groundwater^a								
Ingestion and Inhalation								
Residential				12	0.49	36	0.027	NA
Urban Residential				49	2.0	140	0.66	NA
Occupational				48	3.3	260	0.49	NA
Volatilization to Outdoor Air								
Residential				64,000	3,300	>S	350	NA
Urban Residential				150,000	6,900	>S	430	NA
Occupational				>S	20,000	>S	5,900	NA
Vapor Intrusion into Buildings								
Residential (June 2023)				29	2.1	430	0.2	NA
Commercial (June 2023)				130	13	1,800	3.3	NA
GW in an Excavation								
Construction/Excavation				5,600	430	18,000	960	NA
EPA Maximum Contaminant Levels^b								
Drinking Water				5	5	70	2	NA

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Notes:

^a Oregon Department of Environmental Quality (DEQ) Generic Risk-Based Concentrations (revised May 2018). An update to guidance and RBCs for volatilization to indoor air pathways based on EPA Vapor Intrusion Screening Levels was released June 2023.

^b Environmental Protection Agency (EPA) National Primary Drinking Water Regulations, Maximum Contaminant Levels (MCL) EPA 816-F-09-004, (EPA 2009)

btc = below top of casing

CVOCs = Combined total of detected chlorinated VOCs (PCE, TCE, DCE, and Vinyl Chloride)

DCE = Dichloroethene

J = Data validation qualifier. Estimated value. See data validation report for additional information.

NA = Not Applicable

PCE = Tetrachloroethene

TCE = Trichloroethene

U = Not detected at the reporting limit shown.

Volatile Organic Compounds (VOCs) analyzed by EPA Method 8260B/C/D

NV = No Value

- = not available or not applicable

>S = the RBC exceeds the solubility limit of this compound.

Table 7
Groundwater Analytical Results - VOCs in CMT Wells by Zone (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-24 CMT	1	17.2 - 17.7	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.2 - 31.7	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	46.1 - 46.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/23/2012	0.95	0.5 U	0.5 U	0.5 U	0.95
			04/16/2014	1.0	0.79	0.5 U	0.5 U	1.8
			10/23/2014	0.92	0.76	0.5 U	0.5 U	1.7
			07/07/2016	0.5 U	0.74	0.5 U	0.5 U	0.74
			03/29/2017	0.69	0.74	0.75	0.5 U	2.2
			10/24/2017	0.75	0.70	0.63	0.5 U	2.1
			04/25/2018	0.82 J	0.57	0.98 J	0.5 U	2.4
			10/09/2018	0.52	0.5 U	0.85	0.5 U	1.4
			04/15/2019	0.55	0.52	1.0	0.5 U	2.1
			04/15/2019	0.61	0.57	1.1	0.5 U	2.3
MW-98 (dup)	5	70.1 - 70.6	10/10/2019	0.5 U	0.5 U	1.2	0.5 U	1.2
			04/20/2020	0.5 U	0.5 U	1.3	0.5 U	1.3
			10/12/2020	0.5 U	0.5 U	1.1	0.5 UJ	1.1
			04/20/2021	0.5 U	0.5 U	1.0	0.5 U	1.0
			10/11/2021	0.5 U	0.5 U	1.1	0.5 U	1.1
			04/12/2022	0.5 U	0.5 U	23	0.5 U	23
			10/12/2022	0.5 U	0.5 U	0.95	0.5 U	0.95
			04/26/2023	0.5 U	0.5 U	0.88	0.5 U	0.88
			10/10/2023	0.5 U	0.5 U	1.0	0.5 U	1.0
	6	91.1 - 91.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/24/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	111.0 - 111.5	09/22/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/24/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/09/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 7
Groundwater Analytical Results - VOCs in CMT Wells by Zone (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-24 CMT (cont'd)	7	111.0 - 111.5	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/26/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/10/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	09/22/2011	0.54	0.5 U	0.5 U	0.5 U	0.54
			07/25/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/15/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/07/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
			04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/17/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			05/01/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	09/22/2011	100	12	4.7	0.97	118
			07/25/2012	240	30	11	2.8	284
			04/16/2014	86	13	11	5 U	110
			10/23/2014	78	14	16	0.86	109
			07/07/2016	70	26	23	0.63	119
			03/29/2017	72	31	25	0.84	129
			10/10/2019	42	40	23	0.90	105
			04/20/2020	51	33	27	0.80	113
			10/12/2020	57	43	25	0.91 J	125
			04/20/2021	42	46	25	1.1	114
			10/11/2021	40	39	19	1.1	100
			04/12/2022	58	54	25	0.82	138
			10/12/2022	46	45	22	1.1	114
			04/26/2023	37	36	18	1.6 J	93
			10/10/2023	63	43	16	0.99	123
	3	42.3 - 42.8	09/22/2011	9.6	4.4	6.0	1.6	22
			07/26/2012	37	6.1	4.9	0.5 U	48
			04/16/2014	140	72	27	3.4	242
			10/23/2014	95	40	20	1.4	156
			07/07/2016	88	55	25	1.0	169
			03/29/2017	91	81	34	2.1	210
			10/24/2017	103	58	28	1.1	190
			04/25/2018	129	90	34	2.0	256
			10/15/2018	57	37	25	0.69	121
			04/15/2019	153	108	37	1.8	301
			04/15/2020	118	85	32	1.3	238
			10/07/2020	63	48	24	0.60	135
			04/21/2021	33	30	16	1.3	81

Table 7
Groundwater Analytical Results - VOCs in CMT Wells by Zone (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-25 CMT (cont'd)	3	42.3 - 42.8	10/07/2021	42	34	14	0.62	90
			04/13/2022	74	41	22	1.3	137
			10/17/2022	48	47	23	1.7	120
			05/01/2023	61	42	26	1.4 J	131
			10/12/2023	58	40	14	1.1	114
MW-99 (dup)	4	59.3 - 59.8	10/12/2023	61	41	14	0.99	117
			09/22/2011	100	22	18	8.9	149
			07/25/2012	52 J	14	11	6.6	84
			04/16/2014	100	21	18	14	154
			10/23/2014	110	20	25	13	169
			07/07/2016	112	21	38	14	187
			03/29/2017	150	25	45	19	241
			10/24/2017	188	29	58	24	303
			04/25/2018	150	23	50	23	248
			10/09/2018	153	29	50	17	252
			04/15/2019	146	26	55	17	247
			04/15/2020	119	34	71	21	249
			10/07/2020	131	33	68	15	251
			04/21/2021	45	26	66	17	159
			10/07/2021	60	36	74	16	190
			04/12/2022	34	36	80	19	175
			10/12/2022	20	27	58	20	128
			04/26/2023	27	54	64	21 J	170
			10/10/2023	38	74	70	14	200
MW-99 (dup)	5	71.7 - 72.2	09/22/2011	0.53	0.5 U	0.57	0.80	1.9
			07/25/2012	0.5 U	0.5 U	1.7	2.9	4.6
			04/16/2014	0.5 U	0.5 U	1.9	4.7	6.6
			10/23/2014	0.5 U	0.5 U	2.2	4.1	6.3
			07/07/2016	0.5 U	0.50	4.9	1.7	7.1
			03/29/2017	0.5 U	0.5 U	6.2	2.1	8.3
			10/11/2019	0.5 U	0.5 U	7.6	2.2	9.8
			04/15/2020	0.5 U	0.5 U	9.4	1.7	12
			10/07/2020	0.5 U	0.5 U	8.4	1.7	10
			04/21/2021	0.5 U	0.5 U	9.7	2.5	12
			10/07/2021	0.5 U	0.5 U	9.6	2.2	12
			04/13/2022	0.5 U	0.5 U	12	2.6	15
			10/17/2022	0.5 U	0.5 U	13	2.8	16
			10/17/2022	0.5 U	0.5 U	13	2.9	16
			05/01/2023	0.5 U	0.5 U	12	3.8 J	16
			10/12/2023	0.5 U	0.5 U	8.8	3.1	12
MW-99 (dup)	6	82.2 - 82.7	09/22/2011	95	2.0	0.88	0.5 U	98
			07/25/2012	150	2.9	1.2	0.5 U	154
			04/16/2014	150	4.2	3.0	0.65	158
			10/23/2014	150	4.7	2.6	0.68	158
			07/07/2016	112	5.2	2.3	0.53	120
			03/29/2017	91	5.1	2.5	0.69	99
			04/15/2020	89	9.9	4.8	0.79	105
			10/07/2020	72	7.1	4.4	0.66	84
			04/21/2021	69	8.2	4.9	0.92	82
			10/07/2021	60	7.6	4.9	0.54	74
			04/13/2022	70	8.2	5.9	1.1	85
			10/17/2022	53	7.4	6.5	0.74	67
			05/01/2023	42	6.0	5.4	0.88 J	54
			05/01/2023	41	6.0	5.3	0.68 J	53
			10/12/2023	46	6.9	5.0	0.68	58
MW-99 (dup)	7	107.0 - 107.5	09/22/2011	1.7	0.5 U	0.5 U	0.5 U	1.7

Table 7
Groundwater Analytical Results - VOCs in CMT Wells by Zone (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs		
MW-25 CMT (cont'd)	7	107.0 - 107.5	07/26/2012	0.60	0.5 U	1.3	0.5 U	1.9		
			04/16/2014	0.5 U	0.5 U	0.88	0.5 U	0.88		
			10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/07/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/13/2022	0.62	0.5 U	0.5 U	0.5 U	0.62		
			10/17/2022	0.57	0.5 U	0.5 U	0.5 U	0.57		
			05/01/2023	0.57	0.5 U	0.5 U	0.5 U	0.57		
			10/12/2023	0.95	0.5 U	0.5 U	0.5 U	0.95		
MW-26 CMT	1	14.5 - 15.0	09/28/2011	1.3	0.5 U	0.5 U	0.5 U	1.3		
			07/26/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/22/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			07/08/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/07/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			05/01/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/12/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
	2	29.6 - 30.1	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			07/26/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/22/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			07/08/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			3	44.5 - 45.0	09/28/2011	20	2.0	0.62	0.5 U	23
					07/26/2012	19	1.7	0.5 U	0.5 U	21
					04/17/2014	34	2.6	0.5 U	0.5 U	37
					10/22/2014	24	2.6	0.58	0.5 U	27
					07/08/2016	37	2.9	0.5 U	0.5 U	40
					04/04/2017	33	2.5	0.5 U	0.5 U	35
					10/26/2017	43	3.1	0.5 U	0.5 U	46
					04/25/2018	30	2.6	0.65	0.5 U	33
					10/12/2018	26	2.6	0.88	0.5 U	30
					04/11/2019	38	2.7	0.5 U	0.5 U	40
					10/15/2019	38	2.7	0.5 U	0.5 U	40
					04/14/2020	40	3.1	0.70	0.5 U	44
MW-99 (dup)		04/14/2020	40	3.0	0.57	0.5 U	44			
		10/07/2020	33	2.6	0.57	0.5 U	37			
		04/22/2021	41	3.2	0.63	0.5 U	45			
		10/07/2021	31	2.8	0.5 U	0.5 U	34			
		04/13/2022	53	3.1	0.5 U	0.5 U	57			
MW-99 (dup)			04/13/2022	51	3.3	0.5 U	0.5 U	55		

Table 7
Groundwater Analytical Results - VOCs in CMT Wells by Zone (ug/L)
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Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-26 CMT (cont'd)	3	44.5 - 45.0	10/18/2022	38	2.8	1.5	0.62	43
			05/01/2023	39	2.9	1.5	1.0 J	45
			10/12/2023	38	3.0	1.2	0.73	43
	4	59.5 - 60.0	09/28/2011	70	1.7	0.53	0.5 U	72
			07/26/2012	54	1.2	0.69	0.5 U	56
			04/17/2014	71	2.4	1.3	0.5 U	75
			10/22/2014	64	2.4	1.4	0.5 U	68
			07/08/2016	64	3.5	1.7	1.6	71
			07/08/2016	66	4.0	2.1	2.0	74
			04/04/2017	92	4.8	1.7	1.4	100
MW-99 (dup)			10/26/2017	87	5.8	1.9	1.2	96
MW-96 (dup)			04/25/2018	76	6.8	2.6	2.3	88
			04/25/2018	78	6.2	2.1	1.8	88
			10/12/2018	65	7.6	2.9	1.9	77
			04/11/2019	84	9.1	2.8	1.9	98
			10/15/2019	73	9.5	2.6	1.7	87
			04/14/2020	67	13	4.7	2.9	88
			10/07/2020	63	11	3.8	1.4	79
			04/22/2021	68	14	4.3	2.5	88
			10/07/2021	58	14	4.0	1.8	78
			04/13/2022	77	15	6.1	2.0	100
			10/18/2022	59	13	8.4	1.6	82
			05/01/2023	45	11	6.3	2.0 J	64
			10/12/2023	48	13	5.9	1.6	69
	5	69.2 - 69.7	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/30/2012	0.76	0.5 U	0.5 U	0.5 U	0.76
			04/17/2014	24	1.1	0.5 U	0.5 U	25
			10/22/2014	24	0.94	0.5 U	0.5 U	25
			07/08/2016	16	1.4	0.5 U	0.5 U	17
			04/04/2017	19	4.2	0.73	1.4	25
			10/26/2017	27	1.8	0.5 U	0.5 U	29
			04/25/2018	22	1.5	0.5 U	0.5 U	23
			10/12/2018	21	1.3	0.63	0.5 U	23
			04/11/2019	24	1.8	0.5 U	0.5 U	26
			10/15/2019	22	1.4	0.5 U	0.5 U	23
			04/14/2020	26	1.4	0.5 U	0.5 U	28
			10/07/2020	19	0.91	0.51	0.5 U	21
			04/22/2021	23	1.4	0.64	0.5 U	25
			10/07/2021	24	1.1	0.5 U	0.5 U	25
			04/13/2022	32	1.0	0.5 U	0.5 U	33
			10/18/2022	26	1.0	1.4	0.5 U	28
			05/01/2023	21	0.67	0.5 U	0.5 U	22
			10/12/2023	22	0.78	0.5 U	0.5 U	23
	6	98.1 - 98.6	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/27/2012	0.5 U	0.60	0.5 U	0.5 U	0.60
			04/22/2014	2.2	1.3	0.75	0.5 U	4.3
			10/22/2014	0.5 U	0.80	3.6	0.5 U	4.4
			07/08/2016	0.5 U	2.3	1.8	9.9	14
			04/04/2017	0.5 U	9.4	6.3	61	76
	7	114.5 - 115.0	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/30/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/22/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/08/2016	0.5 U	0.67	2.0	6.8	9.5
			04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 7
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Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-27 CMT	1	13.8 - 14.3	09/26/2011	0.5 U	1.1	0.5 U	0.5 U	1.1
			07/30/2012	0.5 U	1.1	0.5 U	0.5 U	1.1
			04/15/2014	0.5 U	0.62	0.5 U	0.5 U	0.62
			10/21/2014	1.8	0.55	0.5 U	0.5 U	2.4
			07/13/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/24/2017	0.56	0.5 U	0.5 U	0.5 U	0.56
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/09/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/19/2022	1.5	0.5 U	0.5 U	0.5 UJ	1.5
			05/02/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/13/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	28.9 - 29.4	09/26/2011	0.98	0.5 U	1.6	0.5 U	2.6
			07/30/2012	4.2	0.5 U	0.5 U	0.5 U	4.2
			04/15/2014	5.4	1.1	20	3.8	31
			10/21/2014	9.5	1.4	0.70	0.5 U	12
			07/13/2016	8.8	1.4	1.2	0.5 U	11
	3	43.7 - 44.2	03/31/2017	12	1.6	1.7	0.5 U	15
			09/26/2011	88	1.9	0.72	0.5 U	91
			07/30/2012	140	3.2	2.4	0.5 U	146
			04/15/2014	150	15	7.7	1.8	175
			10/21/2014	200	31	13	2.3	246
			07/13/2016	88	24	65	3.6	182
			03/31/2017	100	22	76	3.9	204
			10/24/2017	82	14	74	3.7	177
			04/25/2018	63	13	73	4.4	155
			10/09/2018	51	12	61	2.7	128
			04/15/2019	64	14	74	3.4 J	158
			10/10/2019	55	14	62	2.8	135
			04/21/2020	66	17	71	3.3	159
			10/12/2020	56	13	53	2.3 J	126
			04/20/2021	64	12	71	4.9	154
			10/12/2021	55	18	68	3.0	146
			04/12/2022	70	15	73	2.5	163
			10/12/2022	74	14	64	2.5	158
			04/26/2023	37	13	51	2.8 J	105
			10/11/2023	71	14	58	2.0	147
	4	58.7 - 59.2	09/26/2011	5.4	0.50	0.5 U	0.5 U	5.9
			07/30/2012	20	1.3	0.59	0.5 U	22
			04/15/2014	21	2.3	1.5	0.5 U	25
			10/21/2014	26	1.8	0.74	0.5 U	29
			07/13/2016	20	16	1.7	0.5 U	37
			03/31/2017	23	18	2.5	0.5 U	44
			10/24/2017	33	17	1.2	0.5 U	51
			04/25/2018	21	20	4.3	0.5 U	44
			10/09/2018	29	19	2.7	0.5 U	51
			04/15/2019	27	22	4.8	0.5 U	54
			10/14/2019	30	21	3.6	0.5 U	55
			04/15/2020	28	27	5.9	0.5 U	61

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Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-27 CMT (cont'd)	4	58.7 - 59.2	10/08/2020	30	25	3.3	0.5 U	58
			04/22/2021	24	29	7.2	0.5 U	60
			10/06/2021	29	26	2.8	0.5 U	58
			04/15/2022	42	29	3.7	0.5 U	75
			10/19/2022	40	30 J	2.2	0.5 UJ	72
			05/02/2023	30	30	2.3	0.5 U	63
			10/13/2023	43	17	1.5	0.5 U	61
	5	73.9 - 74.4	09/26/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/30/2012	1.9	0.5 U	0.5 U	0.5 U	1.9
			04/15/2014	3.3	1.0	1.3	0.5 U	5.6
			10/21/2014	2.5	0.75	2.0	0.5 U	5.3
			07/13/2016	2.9	0.60	2.6	0.5 U	6.1
			03/31/2017	4.5	0.83	2.9	0.5 U	8.2
	6	99.5 - 100.0	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/31/2012	1.1	0.5 U	0.79	0.5 U	1.9
			04/21/2014	0.5 U	1.2	3.1	1.1	5.4
			10/21/2014	0.5 U	0.5 U	6.1	0.5 U	6.1
			07/13/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	116.0 - 116.5	09/26/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			09/26/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/30/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/13/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/09/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
			04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/26/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/11/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	09/27/2011	1.5	0.58	0.5 U	0.5 U	2.1
			07/31/2012	2.3	0.91	0.5 U	0.5 U	3.2
			04/16/2014	7.0	3.6	1.2	0.5 U	12
			10/21/2014	5.4	2.6	0.77	0.5 U	8.8
			07/12/2016	6.8	3.3	1.0	0.5 U	11
			03/31/2017	13	5.9	2.1	0.5 U	21
			10/25/2017	5.7	2.2	0.54	0.5 U	8.4
			04/25/2018	11	4.8	1.4	0.5 U	17
			10/15/2018	8.4	3.5	1.0	0.5 U	13
			04/11/2019	16	6.8	2.0	0.5 UJ	25
			10/14/2019	17	5.6	1.7	0.5 U	24
			04/15/2020	8.1	2.7	0.57	0.5 U	11
			10/07/2020	8.1	3.1	0.93	0.5 U	12
			04/23/2021	13	5.8	1.6	0.5 U	21
			10/06/2021	3.4	1.3	0.5 U	0.5 U	4.7
			04/15/2022	9.3	2.7	0.58	0.5 U	13
			10/19/2022	5.0	1.0 J	0.5 U	0.5 UJ	6.0
			05/02/2023	4.3	1.1	0.5 U	0.5 U	5.4

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MW-28 CMT	1	14.3 - 14.8	10/16/2023	3.1	1.1	0.5 U	0.5 U	4.1
	2	29.5 - 30.0	09/27/2011	3.7	0.89	0.5 U	0.5 U	6.2
MW-98 (dup)			07/31/2012	5.0	1.3	0.5 U	0.5 U	7.2
			04/16/2014	3.6	1.2	0.5 U	0.5 U	4.8
			04/16/2014	5.3	1.5	0.5 U	0.5 U	7.4
			10/21/2014	5.3	1.8	0.58	0.5 U	7.7
			07/12/2016	5.8	1.9	0.70	0.5 U	8.4
			03/31/2017	8.0	2.5	0.92	0.5 U	11
			10/25/2017	7.9	2.6	0.67	0.5 U	11
			04/25/2018	9.9	2.9	0.87	0.5 U	14
			10/15/2018	10	3.2	0.89	0.5 U	15
			04/11/2019	12	4.0	1.1	0.5 UJ	17
			10/14/2019	15	4.2	1.2	0.5 U	20
			04/15/2020	15	5.7	1.5	0.5 U	22
			10/07/2020	13	4.7	1.4	0.5 U	19
			04/23/2021	17	6.9	2.2	0.5 U	26
			10/06/2021	15	6.6	1.9	0.5 U	24
			04/15/2022	25	9.0	2.3	0.5 U	36
			10/19/2022	25	9.2 J	2.6	0.5 UJ	37
			05/02/2023	22	8.9	2.5	0.5 U	33
			10/16/2023	29 J	9.6	2.7	0.5 U	41
MW-98 (dup)	3	48.8 - 49.3	09/27/2011	58	21	7.4	0.5 U	86
			07/31/2012	70	22	7.2	0.5 U	99
			04/16/2014	77	24	7.1	0.5 U	108
			10/21/2014	79	25	7.7	0.5 U	112
			07/12/2016	69	23	9.5	0.5 U	102
			03/31/2017	90	27	11	0.5 U	128
			10/25/2017	90	27	10	0.5 U	127
			04/25/2018	86	26	9.8	0.5 U	121
			10/15/2018	95	28	11	0.5 U	135
			04/11/2019	93	30	12	0.5 U	134
			10/14/2019	104	29	12	0.5 U	144
			04/15/2020	111	39	13	0.5 U	163
			10/07/2020	85	29	12	0.5 U	126
			10/07/2020	92	29	12	0.5 U	133
			04/23/2021	111	41	13	0.5 U	165
			10/06/2021	87	34	12	0.5 U	133
			04/15/2022	145	43	13	0.5 U	202
			10/19/2022	130	41 J	15	0.5 UJ	185
			05/02/2023	104	36	11	0.5 U	151
			10/16/2023	104	38	12	0.5 U	153
MW-98 (dup)	4	59.2 - 59.7	09/27/2011	27	12	5.0	0.5 U	44
			07/31/2012	47	15	4.9	0.5 U	67
			04/16/2014	37	15	4.8	0.5 U	57
			10/21/2014	53	18	5.1	0.5 U	76
			10/21/2014	50	18	4.9	0.5 U	73
			07/12/2016	48	18	6.2	0.5 U	72
			07/12/2016	51	18	6.5	0.5 U	75
			03/31/2017	54	17	6.2	0.5 U	76
			03/31/2017	52	17	6.2	0.5 U	75
			10/25/2017	56	18	5.8	0.5 U	79
			04/25/2018	61	18	6.0	0.5 U	84
			10/15/2018	64	19	5.8	0.5 U	88
			04/11/2019	63	18	6.3	0.5 U	88
			10/14/2019	71 J	18 J	6.0	0.5 U	94
			04/15/2020	71	23	7.0	0.5 U	101
			10/07/2020	54	16	5.7	0.5 U	76

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Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-28 CMT (cont'd)	4	59.2 - 59.7	04/23/2021	62	22	6.1	0.5 U	90
			10/06/2021	51 J	19 J	6.4 J	0.5 UJ	77 J
			04/15/2022	84	23	6.6	0.5 U	114
			10/19/2022	79	24 J	7.7	0.5 UJ	110
			05/02/2023	62	20	5.9	0.5 U	88
			10/16/2023	70 J	20	6.3	0.5 U	96
	5	70.2 - 70.7	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/31/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	1.0	0.50	0.5 U	0.5 U	1.5
			10/21/2014	1.1	0.5 U	0.5 U	0.5 U	1.1
			07/12/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/25/2017	1.8	0.58	0.5 U	0.5 U	2.3
			04/25/2018	1.9	0.63	0.5 U	0.5 U	2.5
			10/15/2018	2.1	0.75	0.57	0.5 U	3.4
			04/11/2019	1.2	0.5 U	0.5 U	0.5 U	1.2
			10/14/2019	1.5 J	0.53 J	0.5 U	0.5 U	2.0
			10/14/2019	1.2 J	0.51 J	0.5 U	0.5 U	1.7
			04/15/2020	3.1	1.4	0.89	0.5 U	5.9
			10/07/2020	1.6	0.89	0.5 U	0.5 U	2.5
			04/23/2021	2.0	1.2	0.69	0.5 U	3.9
			10/06/2021	1.8	1.3	0.50	0.5 U	3.6
			04/15/2022	2.5	1.6	0.97	0.5 U	5.0
			10/19/2022	3.6	1.8 J	1.2	0.5 UJ	6.6
			05/02/2023	2.8	1.7	1.1	0.5 U	5.6
			10/16/2023	4.3 J	2.4	1.5	0.5 U	8.2
MW-96 (dup)	6	98.0 - 98.5	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/31/2012	0.68	0.72	0.56	0.5 U	2.0
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/12/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	134.0 - 134.5	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/31/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/12/2016	0.5 U	0.5 U	3.4	1.3	4.7
			03/31/2017	0.5 U	0.5 U	4.6	3.8	8.4
MW-30 CMT	1/2	29.6 - 30.1	04/16/2014	48	13	5.3	0.72	67
			10/21/2014	24	6.9	7.9	0.5 U	39
			07/12/2016	42	12	8.8	0.53	63
			04/03/2017	55	16	8.8	0.62	80
			10/25/2017	43	10	5.6	0.55	59
			04/25/2018	58	17	7.8	1.0	83
			10/15/2018	49	11	6.7	0.57	67
			04/12/2019	47	12	6.1	0.5 U	65
			10/14/2019	55	9.8	6.5	0.5 U	71
			04/15/2020	52	13	7.0	0.54	73
			10/08/2020	50	9.9	6.5	0.58	67
			04/23/2021	58	15	7.1	0.5 U	80
			10/06/2021	37	9.4	6.3	0.61	53
			04/15/2022	57	13	6.3	0.5 U	76
			10/19/2022	52	10 J	6.4	0.71 J	69
			05/02/2023	39	8.7	5.6	0.5 U	53
			10/13/2023	28	6.4	5.6	0.72	41

Table 7
Groundwater Analytical Results - VOCs in CMT Wells by Zone (ug/L)
Former Springville Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-30 CMT	3/4	44.6 - 45.1	04/16/2014	29	6.0	3.5	0.58	39
			10/21/2014	30	6.9	3.5	0.54	41
			07/12/2016	14	7.4	24	3.1	48
			04/03/2017	18	9.7	20	4.2	52
			10/25/2017	20	16	14	3.8	54
			04/25/2018	22	13	13	3.8	52
			10/15/2018	24	12	12	2.3	51
			04/12/2019	26	15	12	2.6	55
			10/14/2019	33	15	12	2.4	62
			04/15/2020	26	19	14	3.6	64
			10/08/2020	26	16	15	3.8	60
			04/23/2021	27	19	16	3.9	66
			10/06/2021	23	20	16	3.8	63
			04/15/2022	35	20	16	2.8	74
			10/19/2022	33	16 J	17	3.9 J	70
			05/02/2023	29	15	14	2.8	61
			10/13/2023	28	19	16	2.9	66
			10/13/2023	26	18	16	2.9	63
MW-98 (dup)	5/6	58.7 - 59.2	04/16/2014	24	4.0	1.7	0.5 U	30
			10/21/2014	32	5.1	2.0	0.5 U	39
			07/12/2016	54	14	5.5	0.69	74
			04/03/2017	49	11	5.9	0.97	66
			10/25/2017	59	12	4.8	0.76	76
			04/25/2018	50	11	5.1	0.71	67
			10/15/2018	56	11	4.5	0.5 U	71
			04/12/2019	57	11	4.2	0.57	72
			10/14/2019	60	9.3	4.1	0.5 U	73
			04/15/2020	54	11	4.2	0.5 U	70
			10/08/2020	53	9.8	3.9	0.5 U	67
			04/23/2021	51	11	4.1	0.5 U	66
			10/06/2021	41	8.5	3.6	0.5 U	53
			04/15/2022	54	13	4.5	0.5 U	72
			10/19/2022	51	13 J	4.9	0.70 J	70
			05/02/2023	40	11	3.9	0.5 U	54
			10/13/2023	37	10	3.9	0.58	51
	7	68.4 - 68.9	04/16/2014	1.8	0.64	0.5 U	0.5 U	2.4
			10/21/2014	3.3	0.78	0.5 U	0.5 U	4.1
			07/12/2016	4.1	1.4	2.6	0.5 U	8.2
			04/03/2017	11	2.7	4.9	0.5 U	18
MW-31 CMT	1/2	32.2 - 32.7	04/15/2014	19	3.6	0.62	0.5 U	23
			10/21/2014	14	3.9	1.7	0.5 U	20
			07/12/2016	21	3.2	1.5	0.5 U	26
			04/03/2017	26	3.9	1.6	0.5 U	31
	3/4	45.7 - 46.2	04/15/2014	45	1.2	0.5 U	0.5 U	46
			10/21/2014	42	2.7	0.56	0.5 U	45
			07/12/2016	35	5.9	5.3	0.5 U	46
			04/03/2017	42	8.1	9.3	0.5 U	59
			10/25/2017	42	7.0	6.7	1.2	57
			04/25/2018	46	8.8	7.1	0.83	63
			10/15/2018	48	7.6	7.3	0.66	63
			04/12/2019	48	8.2	8.0	1.1	65
			10/14/2019	61	7.1	4.0	0.62	73
			04/15/2020	49	9.7	9.5	2.0	71
			10/08/2020	53	8.2	5.8	1.7	68
			04/22/2021	57	8.7	4.2	1.3	71
			10/06/2021	50	7.3	3.2	1.2	62

Table 7
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Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-31 CMT (cont'd)	3/4	45.7 - 46.2	04/14/2022	55	7.5	7.7	1.5	72
			10/17/2022	47	5.6 J	5.1	0.75	58
			05/02/2023	44	5.5	4.4	0.93	55
			10/13/2023	45	6.4	4.2	1.1	56
	5/6	57.2 - 57.7	04/15/2014	32 J	8.9	8.0	2.7	52
			10/21/2014	28	9.0	8.0	2.2	47
			07/12/2016	30	12	9.3	1.9	53
			04/03/2017	39	15	11	2.1	67
			10/25/2017	35	14	9.6	2.2	61
			04/25/2018	38	16	11	2.9	68
			10/15/2018	38	15	11	1.8	65
			04/12/2019	37	18	11	1.8	68
			10/14/2019	46	12	10	1.3	70
			04/15/2020	46	16	12	1.7	75
			10/08/2020	35	11	12	2.2	61
			04/22/2021	38	15	12	2.0	66
			10/06/2021	34	12	11	1.7	59
			04/14/2022	38	17	13	1.3	70
			04/14/2022	38	18	14	1.4	70
			10/17/2022	31	15	14	0.62	60
			05/02/2023	33	13	12	1.0	59
			10/13/2023	30	15	11	1.2	56
MW-98 (dup)	7	69.2 - 69.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32 CMT	1/2	28.7 - 29.2	04/15/2014	1.7	0.5 U	0.5 U	0.5 U	1.7
			10/21/2014	3.8	0.62	0.5 U	0.5 U	4.4
			07/08/2016	1.3	0.97	1.2	0.5 U	3.5
			04/03/2017	1.1	1.4	1.6	0.5 U	4.0
MW-99 (dup)	3/4	44.2 - 44.7	04/15/2014	45	5 U	5 U	5 U	45
			10/21/2014	62	1.3	0.5 U	0.5 U	63
			07/08/2016	59	6.2	0.97	0.86	67
			04/03/2017	93	11	1.5	1.2	107
			10/25/2017	81	12	1.6	1.2	96
			04/25/2018	90	12	1.7	2.7	107
			10/15/2018	83	13	1.9	1.5	99
			04/12/2019	93	14	2.1	1.5	110
			04/12/2019	91	14	2.1	1.6	108
			10/14/2019	110	12	1.8	1.4	126
			04/15/2020	106	13	2.1	1.8	124
			10/08/2020	91	12	2.0	2.3	106
			04/22/2021	88	12	2.1	1.8	104
			04/22/2021	88	12	2.1	1.8	104
			10/06/2021	81	9.7	2.0	1.8	94
			04/14/2022	113	12	2.3	1.5	129
MW-98 (dup)			10/17/2022	85	8.8	2.2	1.0	97
			05/02/2023	77	7.3	2.0	1.5 J	88
			10/13/2023	77	7.0	1.4	1.3	86
MW-97 (dup)	5/6	59.2 - 59.7	04/15/2014	98	5 U	5 U	5 U	98
			10/21/2014	130	5.5	3.4	1.2	140
			07/08/2016	75	6.0	4.1	1.1	86
			04/03/2017	110	7.8	5.4	1.5	125
			04/03/2017	105	7.7	5.2	1.4	119
			10/25/2017	100	8.1	5.0	1.8	115
			04/25/2018	99	10	6.6	2.5	118
			10/15/2018	103	8.8	6.1	1.6	119
			04/12/2019	104	10	6.7	1.7	123

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Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
MW-32 CMT (cont'd)	5/6	59.2 - 59.7	10/14/2019	104	10	6.2	1.4	122
			04/15/2020	102	12	7.6	2.0	124
			10/08/2020	88	9.4	7.1	1.8	106
			04/22/2021	78	10	7.0	1.7	97
			10/06/2021	71	9.7	7.2	1.2	89
			04/14/2022	96	11	7.6	1.2	116
			10/17/2022	82	9.3	8.1	0.81	100
			05/02/2023	73	8.6	7.1	1.0	90
			10/13/2023	57	7.7	5.4	0.98	71
	7	67.5 - 68.0	10/21/2014	0.5 U	0.5 U	0.67	0.5 U	0.67
MW-33 CMT	1	14.6 - 15.1	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/14/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/25/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/11/2019	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
			10/15/2019	0.57	0.54	0.5 U	0.5 U	1.1
			04/14/2020	0.5 U	0.67	0.5 U	0.5 U	0.67
			10/07/2020	0.5 U	0.70	0.5 U	0.5 U	0.70
			04/23/2021	0.62	0.86	0.5 U	0.5 U	1.5
			10/06/2021	0.5 U	0.83	0.5 U	0.5 U	0.83
			04/14/2022	0.5 U	0.73	0.5 U	0.5 U	0.73
			10/18/2022	0.5 U	0.86 J	0.5 U	0.5 UJ	0.86
			05/03/2023	0.5 U	0.56	0.5 U	0.5 U	0.56
			10/13/2023	0.53	0.86	0.5 U	0.5 U	1.4
	2	29.6 - 30.1	04/16/2014	41	12	4.3	0.5 U	57
			10/22/2014	40	14	4.4	0.5 U	58
			07/14/2016	46	16	7.8	0.5 U	70
			04/03/2017	53	18	5.8	0.5 U	76
			10/25/2017	47	15	4.7	0.5 U	67
			04/25/2018	53	19	7.0	0.5 U	78
			10/12/2018	40	16	5.0	0.5 U	60
			04/11/2019	54	17	5.1	0.5 UJ	77
			10/15/2019	47	16	4.9	0.5 U	68
			04/14/2020	62	21	7.4	0.5 U	91
			10/07/2020	50	16	5.8	0.5 U	71
			04/23/2021	55	21	5.6	0.5 U	81
			10/06/2021	44	17	5.2	0.5 U	66
			04/14/2022	64	20	6.0	0.5 U	89
			10/18/2022	57	18 J	6.0	0.5 UJ	81
			05/03/2023	54	18	5.0	0.5 U	77
			10/13/2023	40	15	5.3	0.5 U	61
	3	43.7 - 44.2	04/16/2014	30	9.4	2.9	0.5 U	42
			10/22/2014	34	11	3.0	0.5 U	48
			07/14/2016	44	13	4.3	0.5 U	61
			04/03/2017	55	14	4.2	0.5 U	73
			10/25/2017	48	14	3.9	0.5 U	66
			04/25/2018	48	16	4.7	0.5 U	69
			10/12/2018	45	15	4.6	0.5 U	64
			04/11/2019	49	15	4.1	0.5 UJ	69
			10/15/2019	52	16	4.1	0.5 U	72
			04/14/2020	60	18	4.7	0.5 U	82
			10/07/2020	57	17	4.8	0.5 U	78
			04/23/2021	57	17	4.8	0.5 U	78

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Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs		
MW-33 CMT (cont'd)	3	43.7 - 44.2	10/06/2021	44	16	4.5	0.5 U	64		
			04/14/2022	65	19	4.9	0.5 U	89		
			10/18/2022	60	19 J	5.1	0.5 UJ	84		
MW-98 (dup)	3	43.7 - 44.2	10/18/2022	70	19 J	4.8	0.5 UJ	93		
			05/03/2023	56	16	4.0	0.5 U	76		
			10/13/2023	46	15	4.6	0.5 U	65		
			4	59.7 - 60.2	04/16/2014	16	3.3	0.78	0.5 U	20
					10/22/2014	12	2.9	0.68	0.5 U	16
					07/14/2016	16	4.0	1.0	0.5 U	21
04/03/2017	25	5.3			1.3	0.5 U	31			
10/25/2017	23	5.3			1.1	0.5 U	30			
04/25/2018	22	5.7			1.4	0.5 U	29			
10/12/2018	19	5.3			1.6	0.5 U	26			
04/11/2019	28	6.5			1.4	0.5 UJ	36			
10/15/2019	28	6.6			1.3	0.5 U	36			
04/14/2020	34	8.3			1.7	0.5 U	44			
MW-97 (dup)	4	59.7 - 60.2	10/07/2020	32	7.6	1.8	0.5 U	42		
			04/23/2021	32	8.6	1.9	0.5 U	42		
			04/23/2021	34	9.1	2.0	0.5 U	45		
			10/06/2021	28	7.9	1.9	0.5 U	37		
			04/14/2022	38	9.3	2.0	0.5 U	49		
			10/18/2022	41	9.7 J	2.3	0.5 UJ	53		
			05/03/2023	34	8.2 J	2.0	0.5 U	44		
			10/13/2023	32	8.8	2.2	0.5 U	43		
			5	71.7 - 72.2	04/16/2014	7.2	1.4	0.5 U	0.5 U	8.6
					10/22/2014	7.6	1.5	0.5 U	0.5 U	9.1
07/14/2016	14	3.1			0.69	0.5 U	18			
MW-97 (dup)	5	71.7 - 72.2			07/14/2016	14	3.1	0.75	0.5 U	18
					04/03/2017	20	4.1	1.0	0.5 U	25
					10/25/2017	20	4.9	0.99	0.5 U	26
					04/25/2018	20	6.7	1.4	0.5 U	28
MW-98 (dup)	5	71.7 - 72.2			10/12/2018	19	6.7	1.7	0.5 U	27
					10/12/2018	18	6.3	1.7	0.5 U	26
					04/11/2019	23	6.3	1.4	0.5 UJ	31
			10/15/2019	23	5.8	1.3	0.5 U	30		
			04/14/2020	27	6.9	1.7	0.5 U	36		
			10/07/2020	27	6.2	1.9	0.5 U	35		
			04/23/2021	30	7.7	2.1	0.5 U	40		
			10/06/2021	23	6.4	1.7	0.5 U	31		
			04/14/2022	33	8.0	2.1	0.5 U	43		
			10/18/2022	33	7.9 J	2.2	0.5 UJ	43		
05/03/2023	25	6.2 J	1.8	0.5 U	33					
10/13/2023	27	7.3	1.9	0.5 U	36					
MW-98 (dup)	6	97.9 - 98.4	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			07/14/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
7	114.9 - 115.4	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
		10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
		07/14/2016	0.5 U	0.5 U	0.62	1.3	1.9			
		04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
MW-34 CMT	1	15.6 - 16.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		

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MW-34 CMT (cont'd)	1	15.6 - 16.1	10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/17/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			05/01/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)	2	30.6 - 31.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/24/2017	0.54	0.5 U	0.5 U	0.5 U	0.54
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)			10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-97 (dup)			10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/17/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			05/01/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-99 (dup)	4	60.7 - 61.2	04/17/2014	1.9	0.5 U	0.5 U	0.5 U	1.9
			10/21/2014	5.8	0.5 U	0.5 U	0.5 U	5.8
			07/15/2016	22	3.9	0.5 U	0.5 U	25
			03/30/2017	25	7.9	0.61	1.0	34
			10/24/2017	25	11	1.1	1.7	40
			04/25/2018	25	8.2	1.1	4.9	39
			04/25/2018	25	8.0	1.1	4.7	38
			10/10/2018	31	10	1.4	5.1	47
			04/15/2019	40	9.7	1.3	3.8	55
			10/10/2019	13	16	2.1	9.2	40
			04/21/2020	43	10	1.4	4.0	59
			10/12/2020	46	9.7	1.7	5.0	62
			04/20/2021	44	9.5	1.5	7.3	62
			10/07/2021	55	7.8	1.4	4.1	68
			04/12/2022	55	6.4	1.4	4.5	67
			10/12/2022	85	3.2	0.65	0.70	89
			04/26/2023	52	6.1	1.1	2.4 J	62
			10/10/2023	77	3.9	0.76	0.5 U	81
MW-34 CMT	5	72.6 - 73.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 7
Groundwater Analytical Results - VOCs in CMT Wells by Zone (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs			
MW-34 CMT (cont'd)	5	72.6 - 73.1	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U			
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/17/2022	0.83	0.5 U	0.5 U	0.5 U	0.83			
			05/01/2023	0.72	0.5 U	0.5 U	0.5 U	0.72			
			10/12/2023	1.6	0.5 U	0.5 U	0.5 U	1.6			
	6	98.2 - 98.7	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
	7	118.1 - 118.6	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
MW-37 CMT	1	14.7 - 15.2	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/25/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			04/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U			
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/18/2022	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U			
			05/03/2023	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U			
			10/16/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
	2	31.8 - 32.3	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
			3	44.8 - 45.3	04/18/2014	0.71	0.5 U	0.5 U	0.5 U	0.71	
					MW-97 (dup)	04/18/2014	0.67	0.5 U	0.5 U	0.5 U	0.67
						10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/11/2016	0.58	0.5 U				0.5 U	0.5 U	0.58			
MW-97 (dup)			03/29/2017	0.60	0.5 U	0.5 U	0.5 U	0.60			
			10/25/2017	0.54	0.5 U	0.5 U	0.5 U	0.54			
			10/25/2017	0.59	0.5 U	0.5 U	0.5 U	0.59			
			04/25/2018	0.79	0.5 U	0.5 U	0.5 U	0.79			
			10/12/2018	0.61	0.5 U	0.5 U	0.5 U	0.61			
			04/11/2019	0.82	0.5 U	0.5 U	0.5 U	0.82			

Table 7
Groundwater Analytical Results - VOCs in CMT Wells by Zone (ug/L)
Former Springville Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs		
MW-37 CMT (cont'd)	3	44.8 - 45.3	10/11/2019	0.68	0.5 U	0.5 U	0.5 U	0.68		
			04/14/2020	0.71	0.5 U	0.5 U	0.5 U	0.71		
			10/09/2020	0.89 J	0.5 U	0.5 U	0.5 UJ	0.89		
			04/22/2021	0.95	0.5 U	0.5 U	0.5 U	0.95		
			10/06/2021	0.53	0.5 U	0.5 U	0.5 U	0.53		
			04/14/2022	0.71	0.5 U	0.5 U	0.5 U	0.71		
			10/18/2022	0.83	0.5 U	0.5 U	0.5 UJ	0.83		
			05/03/2023	0.52	0.5 UJ	0.5 U	0.5 U	0.52		
			10/16/2023	0.68 J	0.5 U	0.5 U	0.5 U	0.68		
			MW-99 (dup)	4	57.8 - 58.3	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U
10/21/2014	0.5 U	0.5 U				0.5 U	0.5 U	0.5 U		
07/11/2016	0.5 U	0.5 U				0.5 U	0.5 U	0.5 U		
03/29/2017	0.5 U	0.5 U				0.5 U	0.5 U	0.5 U		
03/29/2017	0.5 U	0.5 U				0.5 U	0.5 U	0.5 U		
10/25/2017	0.5 U	0.5 U				0.5 U	0.5 U	0.5 U		
04/25/2018	0.5 U	0.5 U				0.5 U	0.5 U	0.5 U		
10/12/2018	0.59	0.5 U				0.5 U	0.5 U	0.59		
04/11/2019	0.69	0.5 U				0.5 U	0.5 U	0.69		
10/11/2019	0.63	0.5 U				0.5 U	0.5 U	0.63		
5	69.9 - 70.4	04/14/2020		0.62	0.5 U	0.5 U	0.5 U	0.62		
		10/09/2020		0.67 J	0.5 U	0.5 U	0.5 UJ	0.67		
		04/22/2021		0.67	0.5 U	0.5 U	0.5 U	0.67		
		10/06/2021		0.59	0.5 U	0.5 U	0.5 U	0.59		
		04/14/2022		0.79	0.5 U	0.5 U	0.5 U	0.79		
		10/18/2022		0.73	0.5 U	0.5 U	0.5 UJ	0.73		
		05/03/2023		0.54	0.5 UJ	0.5 U	0.5 U	0.54		
		10/16/2023		0.75 J	0.5 U	0.5 U	0.5 U	0.75		
		6		94.9 - 95.4	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
					10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
07/11/2016	0.5 U		0.5 U		0.5 U	0.5 U	0.5 U			
03/29/2017	0.5 U		0.5 U		0.5 U	0.5 U	0.5 U			
7	112.6 - 113.1	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
		10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
		07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
		03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
MW-38 CMT	1	14.0 - 14.5	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			10/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		
			05/03/2023	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U		
10/16/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U					

Table 7
Groundwater Analytical Results - VOCs in CMT Wells by Zone (ug/L)
Former Springvillla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs	
MW-38 CMT	2	29.1 - 29.6	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
	3	44.1 - 44.6	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			10/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			05/03/2023	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	
	10/16/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
	MW-96 (dup)	4	57.2 - 57.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
				04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
				10/21/2014	0.5 U	0.50	0.5 U	0.5 U	0.50
				07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
				03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
				10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
				04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/12/2018				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
04/12/2019				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
10/11/2019				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
04/14/2020				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
10/08/2020				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
04/22/2021				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
10/06/2021				0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-98 (dup)			10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			10/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			05/03/2023	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	
MW-97 (dup)			05/03/2023	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	
			10/16/2023	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
MW-97 (dup)	5	69.2 - 69.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			10/21/2014	0.5 U	0.51	0.5 U	0.5 U	0.51	
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
	6	84.3 - 84.8	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
	7	99.7 - 100.2	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	

Table 7
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Former Springvillla Dry Cleaner
Springfield, Oregon

	PCE	TCE	cis- 1,2-DCE	Vinyl Chloride	Total CVOCs
DEQ RBC Screening Level Criteria for Groundwater^a					
Ingestion and Inhalation					
Residential	12	0.49	36	0.027	NA
Urban Residential	49	2.0	140	0.66	NA
Occupational	48	3.3	260	0.49	NA
Volatilization to Outdoor Air					
Residential	64,000	3,300	>S	350	NA
Urban Residential	150,000	6,900	>S	430	NA
Occupational	>S	20,000	>S	5,900	NA
Vapor Intrusion into Buildings					
Residential (June 2023)	29	2.1	430	0.2	NA
Commercial (June 2023)	130	13	1,800	3.3	NA
GW in an Excavation ^d					
Construction/Excavation	5,600	430	18,000	960	NA
EPA Maximum Contaminant Levels^b					
Drinking Water	5	5	70	2	NA

Notes:

^a Oregon Department of Environmental Quality (DEQ) Generic Risk-Based Concentrations (revised May 2018). An update to guidance and RBCs for volatilization to indoor air pathways based on EPA Vapor Intrusion Screening Levels was released June 2023.

^b Environmental Protection Agency (EPA) National Primary Drinking Water Regulations, Maximum Contaminant Levels (MCL) EPA 816-F-09-004, (EPA 2009)

btc = below top of casing

CVOCs = Combined total of detected chlorinated VOCs (PCE, TCE, DCE, and Vinyl Chloride)

DCE = Dichloroethene

J = Estimated value. See corresponding data validation report for additional information.

NA = Not Applicable

PCE = Tetrachloroethene

TCE = Trichloroethene

U = Not detected at the reporting limit shown.

ug/l = micrograms per liter

Volatile Organic Compounds (VOCs) analyzed by EPA Method 8260B/C/D

- = information not available or not applicable

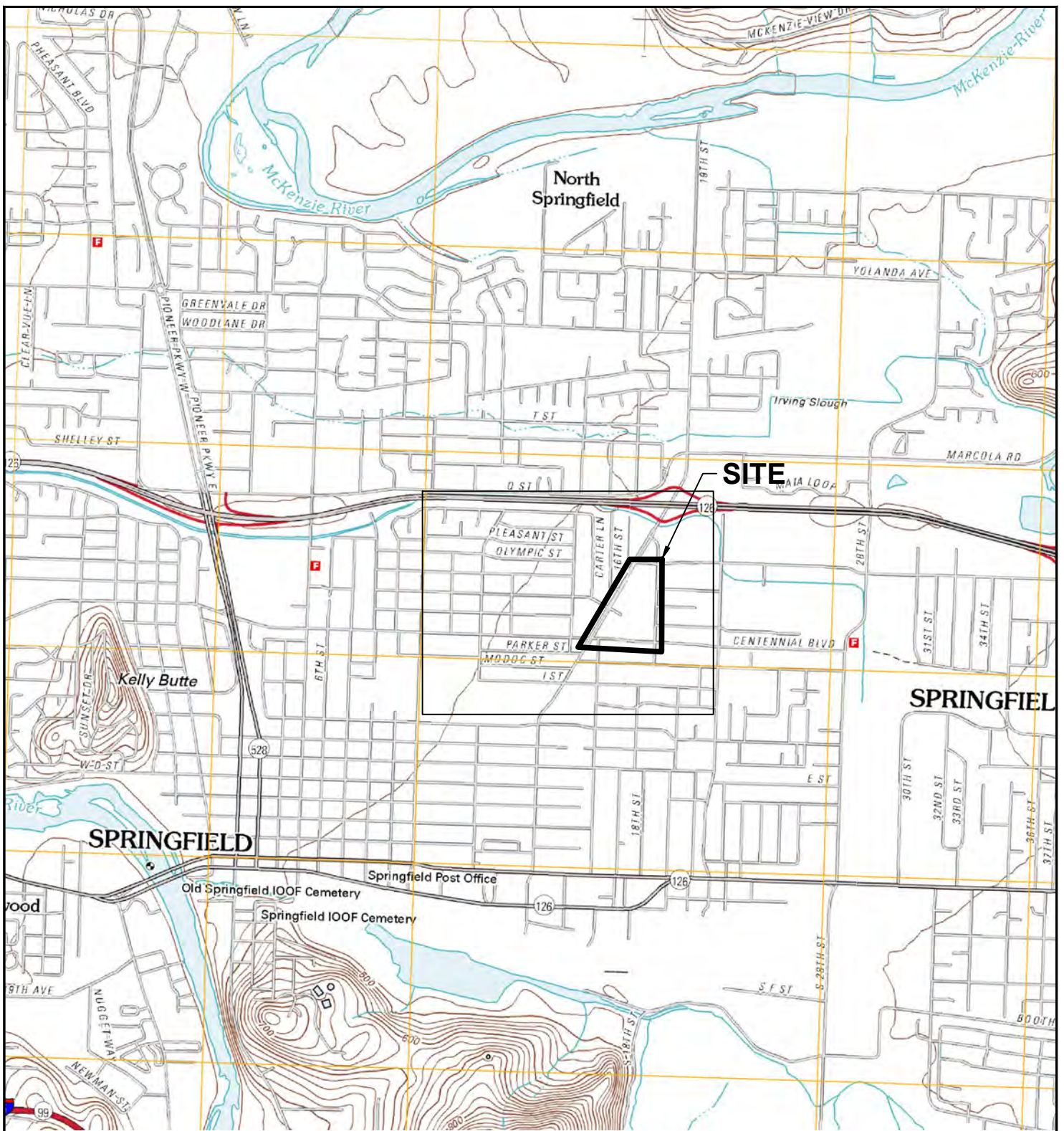
>S = the RBC exceeds the solubility limit of this compound.

Table 8
Groundwater Analytical Results - Natural Attenuation Parameters
Former Springvilla Dry Cleaner
Springfield, Oregon

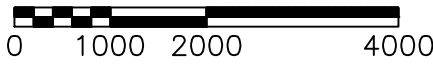
Location	Date	Temperature	Conductivity	Dissolved Oxygen	pH	Turbidity	ORP	TOC	Nitrate-Nitrogen	Nitrite-Nitrogen	Sulfate	Iron (total)	Iron (dissolved)	Manganese (total)	Manganese (dissolved)	Methane	Ethane	Ethene	DHC
		degrees	mS/cm	mg/L	units	NTU	mv	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	cells/ml
MW-49i (cont'd)	04/13/2022	51.7	0.230	0.79	9.5	0.149	256.6	1,000 U	117	100 U	7,410	20,100	100 U	538	38	10 U	13 U	13 U	0.50 U
	10/13/2022	58.9	0.177	0.25	8.2	0.142	21.2	1,000 U	111	100 U	7,300	9,640	100 U	543	52	10 U	13 U	13 U	1.9 U
	04/27/2023	56.2	0.226	6.17	7.7	0.147	-125.0	1,000 U	100 U	100 U	6,580	362	100 U	86	15	10 U	13 U	13 U	0.50 U
	10/11/2023	60.6	0.181	0.40	7.6	0.143	-47.0	1,000 U	201	100 U	7,280	1,540	100 U	116	52	10 U	13 U	13 U	0.10 J

Notes:
¹ Sample was collected on 4/29/2020.
² Sample was collected on 11/11/2021 due to a sampling error during the initial sample collection on 10/11/2021.
cells/ml = Cells per milliliter
DHC = *Dehalococcoides spp.* (dechlorinating bacteria)
J = Estimated value. See corresponding data validation report for additional information.
mg/L = Milligrams per liter
mS/cm = millisiemens per centimeter
mv = Millivolts
NTU = Nephelometric Turbidity Unit
ORP = Oxidation Reduction Potential
TOC = Total Organic Carbon
ug/L = Micrograms per liter
U = Not detected at reporting limit shown
- = Not analyzed for this parameter.

FIGURES



APPROXIMATE SCALE IN FEET



NOTE: USGS, SPRINGFIELD QUADRANGLE
OREGON-LANE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

PNG ENVIRONMENTAL, INC. 6665 SW Hampton St., Ste. 101 Tigard, OR 97223 TEL (503) 620-2387 FAX (503) 620-2977	DATE: 7-8-14 FILE NAME: 1176-01 DRAWN BY: JJT APPROVED BY: SV	FORMER SPRINGVILLA DRY CLEANER 1459 MOHAWK BLVD SPRINGFIELD, OR.	SITE LOCATION MAP	Project No. 1176-01 Figure No. 1
---	--	---	-------------------	-------------------------------------

LEGEND

- Monitoring Well
- Municipal Water-Supply Well

NOTE:
BASE MAPS:
• Lane County Assessment and Taxation
• Statewide Land Survey



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DATE: 11-14-23
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

SITE FEATURES AND
NEIGHBORHOOD - REGIONAL

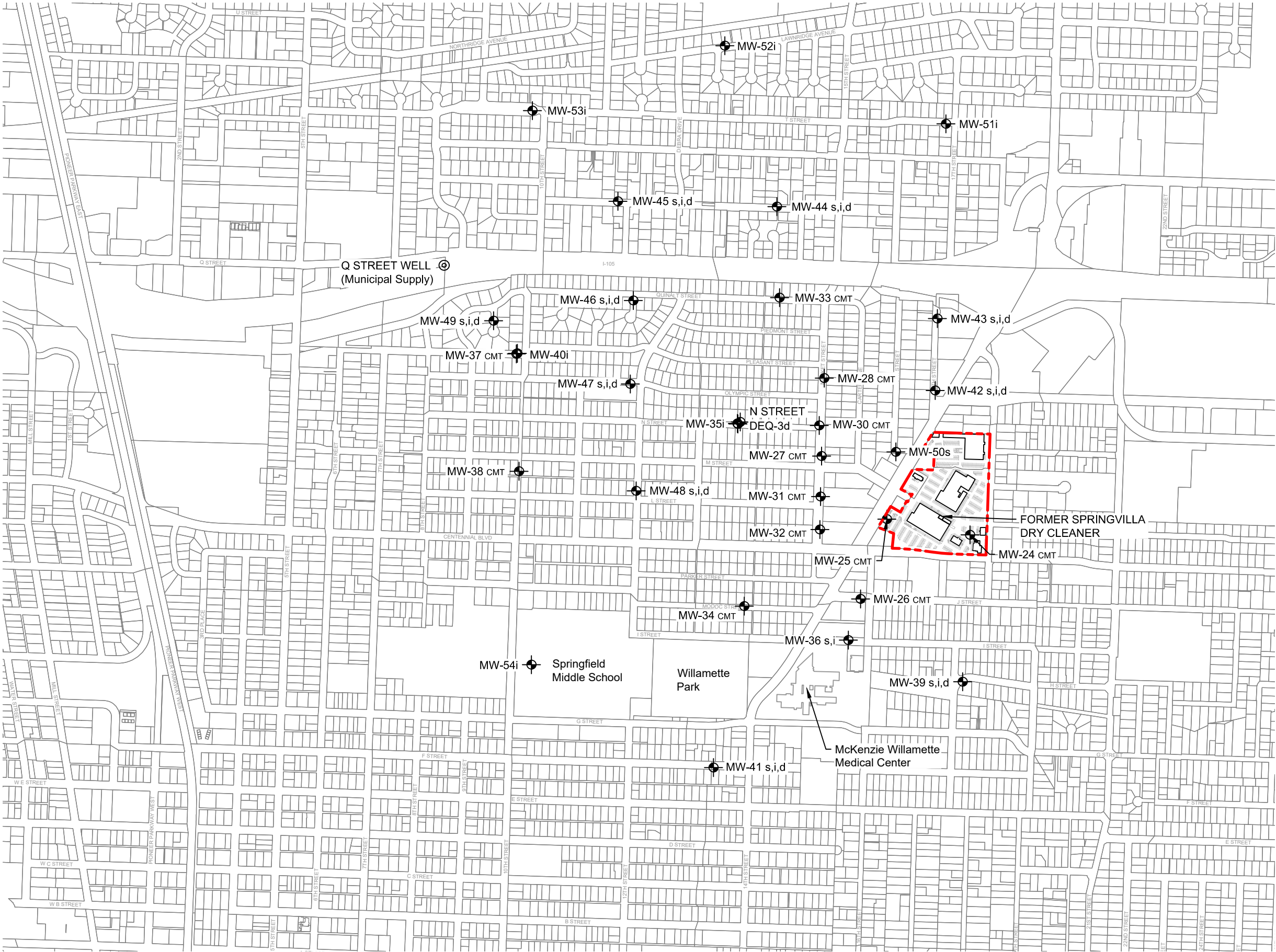
Project No.
1176-01

Figure No.
2

LEGEND

- Monitoring Well
- Municipal Water-Supply Well

NOTE:
BASE MAPS:
• Lane County Assessment and Taxation
• Statewide Land Survey



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Tigard, OR 97223

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FAX (503) 620-2977

DATE: 11-14-23
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

SITE FEATURES
REGIONAL

Project No.
1176-01

Figure No.
3

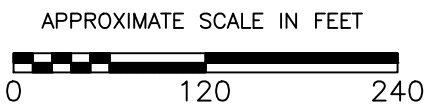
C:\Users\Josh\Desktop\Autocad Files\PNG-Autocad\1176-01 Springfield\2014\1176 Current CAD\1176-01_Figure 4.dwg 2.17.2014



LEGEND

- MW-1 Monitoring Well
- Former Monitoring Well

NOTE:
BASE MAPS:
• Springfield Utility Board
• Statewide Land Survey



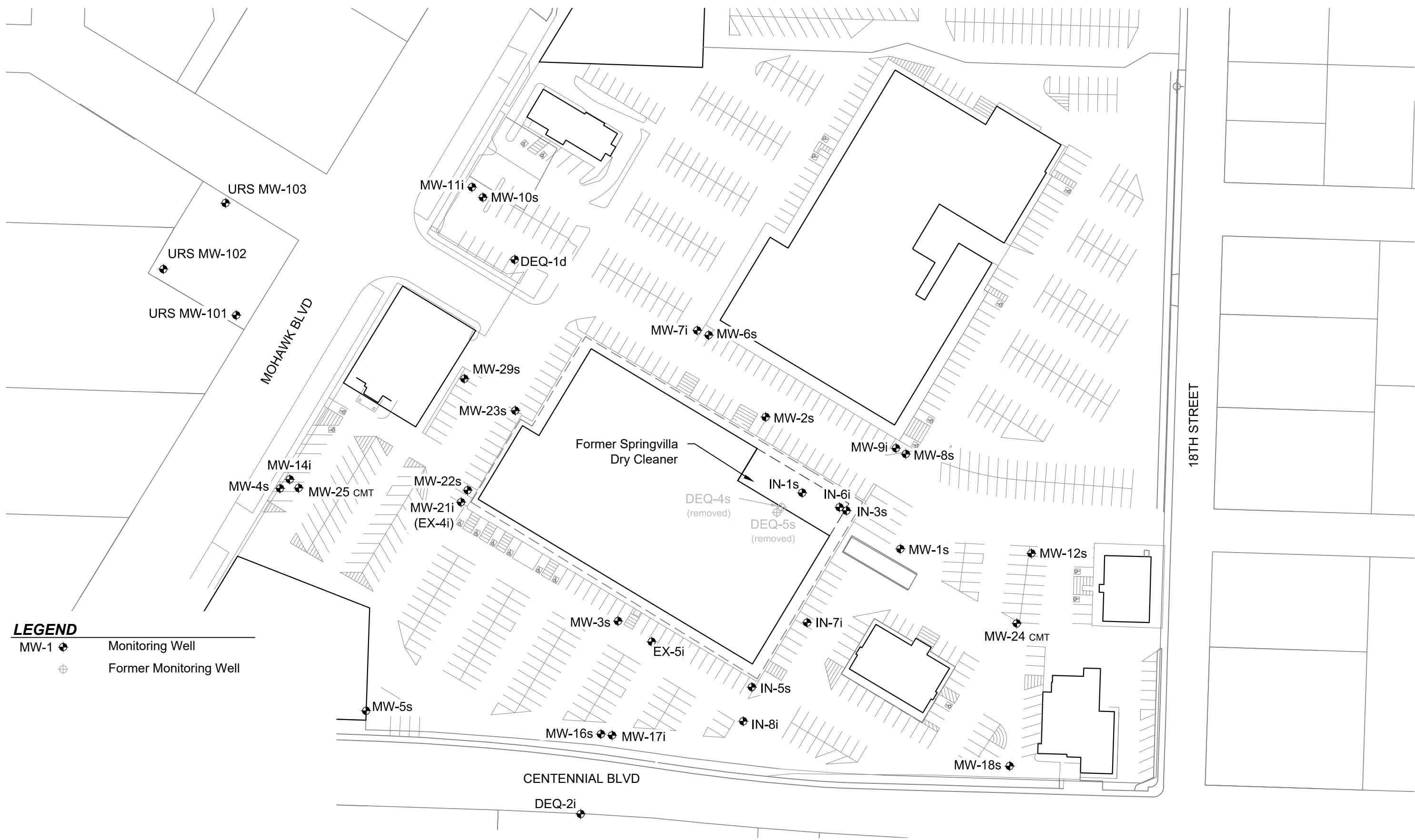
PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101 Tigard, OR 97223
TEL (503) 620-2387
FAX (503) 620-2977

DATE: 2-13-17
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

SITE FEATURES
LOCAL

Project No.
1176-01
Figure No.
4

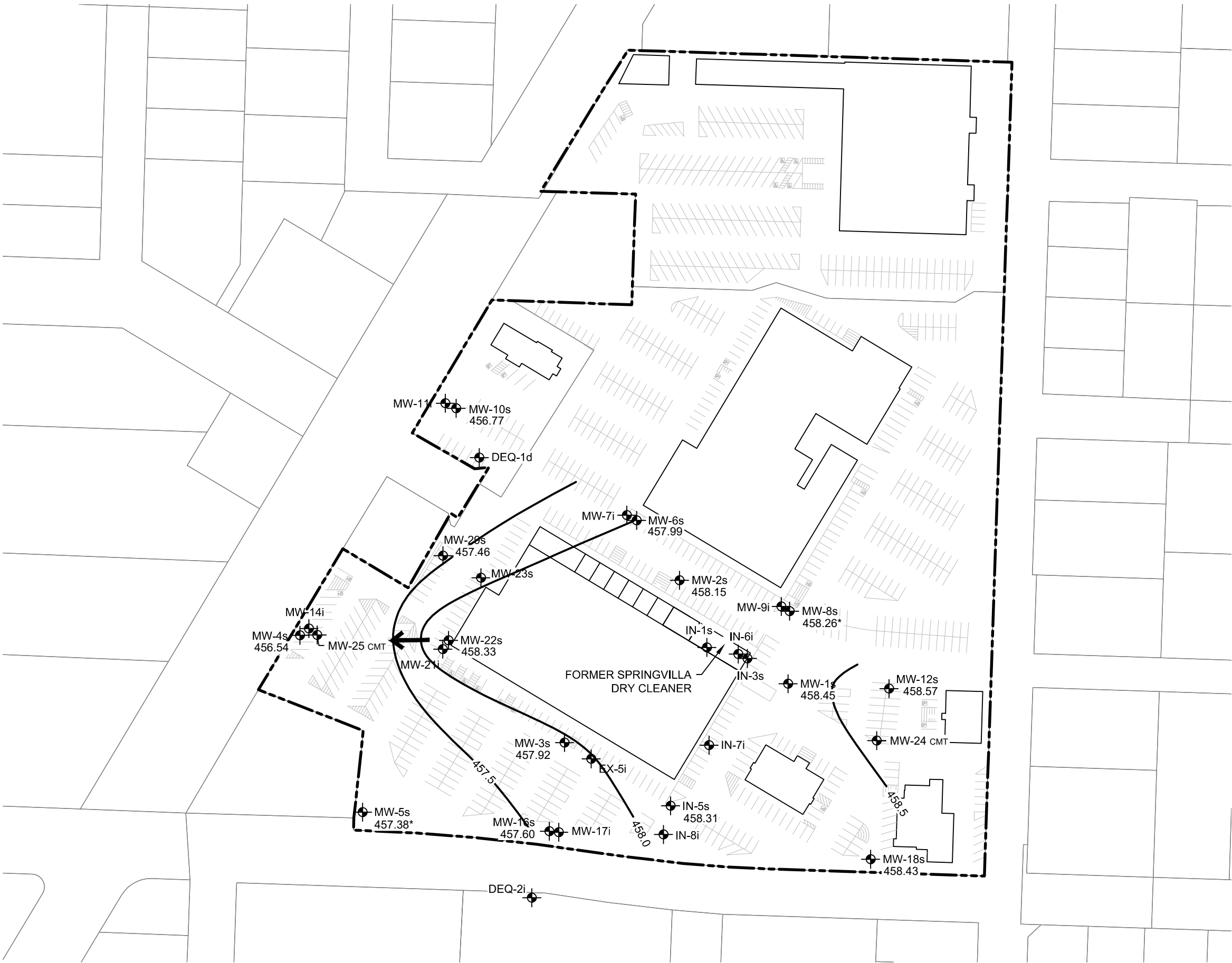


LEGEND

- Monitoring Well (PNG)
- Municipal Water-Supply Well
- 456.44 Groundwater Elevation (Feet MSL)
- Groundwater Contour
- Approximate Groundwater Flow Direction
- * = Not Used for Contouring
- Well Screen Depths Between 8 and 26 feet BGS.

NOTE:

- BASE MAPS:
- Lane County Assessment and Taxation
 - Statewide Land Survey



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FAX (503) 620-2977

DATE: 11-14-23
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

GROUNDWATER ELEVATION CONTOURS
SHALLOW ZONE AQUIFER
OCTOBER 2023

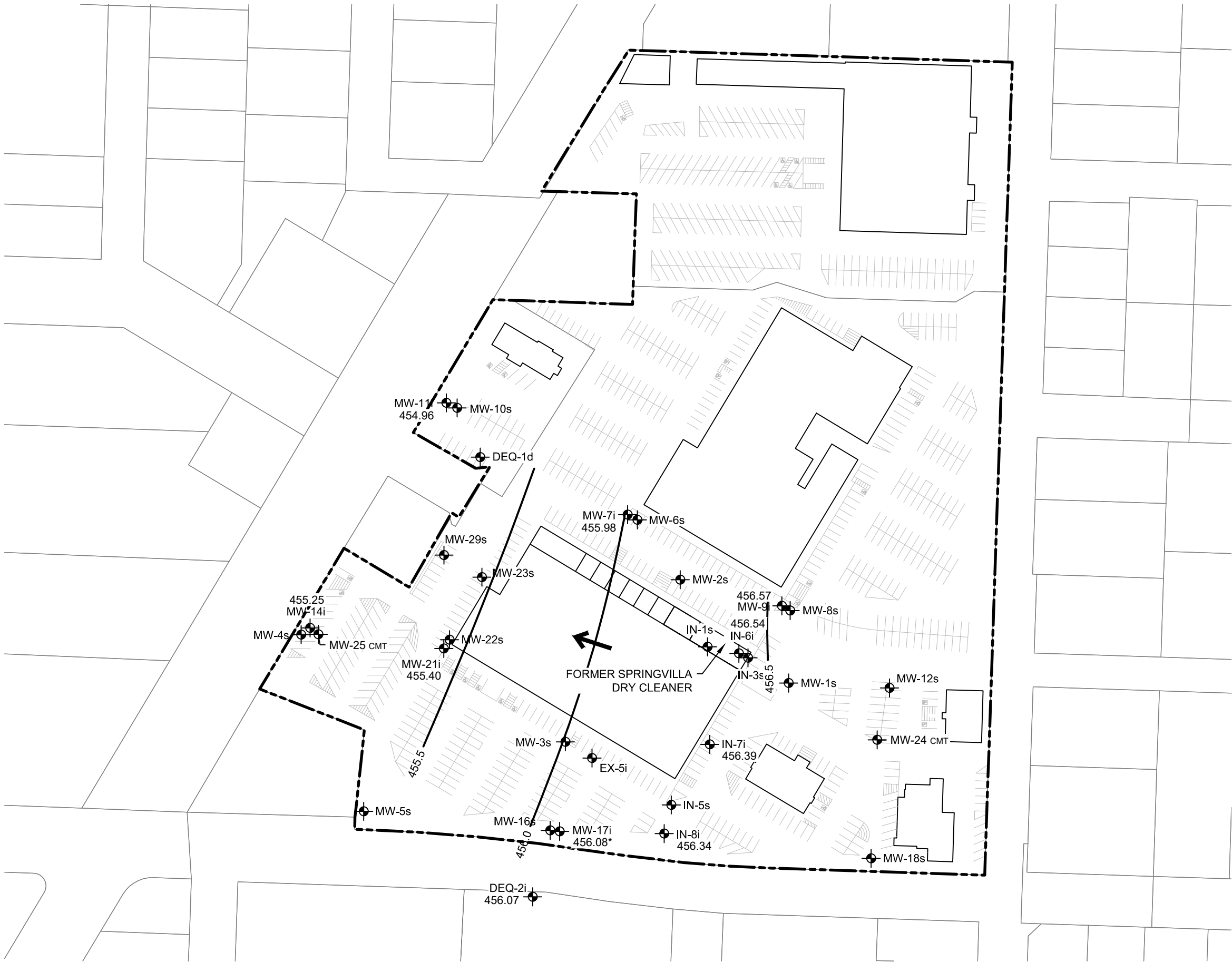
Project No.
1176-01
Figure No.
5

LEGEND

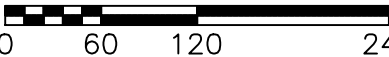
- Monitoring Well (PNG)
- Municipal Water-Supply Well
- 456.07 Groundwater Elevation (Feet MSL)
- Groundwater Contour
- Approximate Groundwater Flow Direction
- * = Not Used for Contouring
- Well Screen Depths Between 40 and 60 feet BGS.

NOTE:

- BASE MAPS:
- Lane County Assessment and Taxation
 - Statewide Land Survey



APPROXIMATE SCALE IN FEET



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Tigard, OR 97223

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FAX (503) 620-2977

DATE: 11-14-23
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

GROUNDWATER ELEVATION CONTOURS
INTERMEDIATE ZONE AQUIFER
OCTOBER 2023

Project No.
1176-01

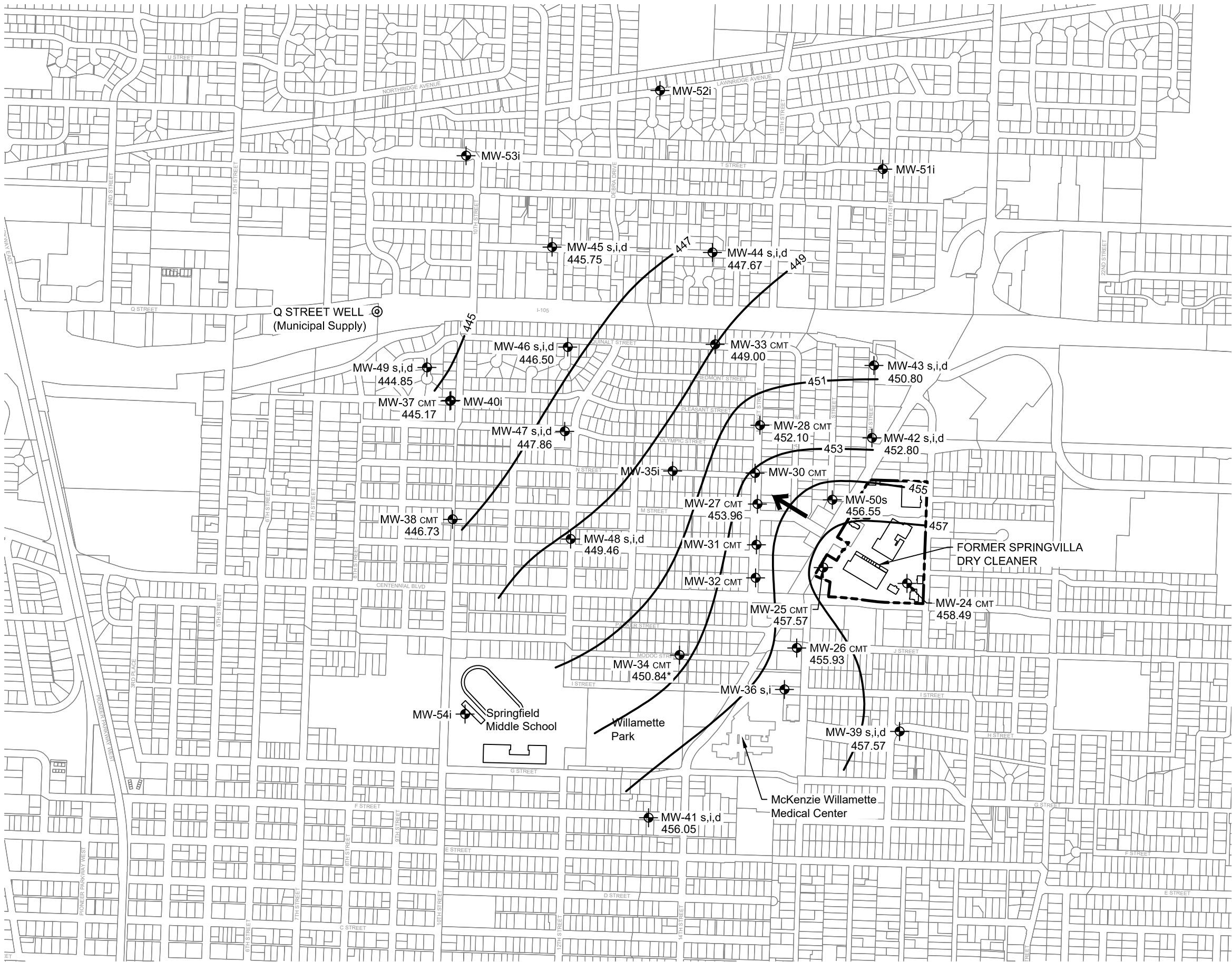
Figure No.
6

LEGEND

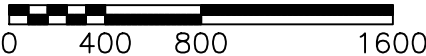
- Monitoring Well (PNG)
- Municipal Water-Supply Well
- 444.85
Groundwater Elevation
(Feet MSL)
- Groundwater Contour
- Approximate Groundwater
Flow Direction
- * = Not Used for Contouring
- Well Screen Depths Between
5 and 18 feet BGS.

NOTE:

- BASE MAPS:
- Lane County Assessment and Taxation
 - Statewide Land Survey



APPROXIMATE SCALE IN FEET



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Tigard, OR 97223

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DATE: 11-14-23
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

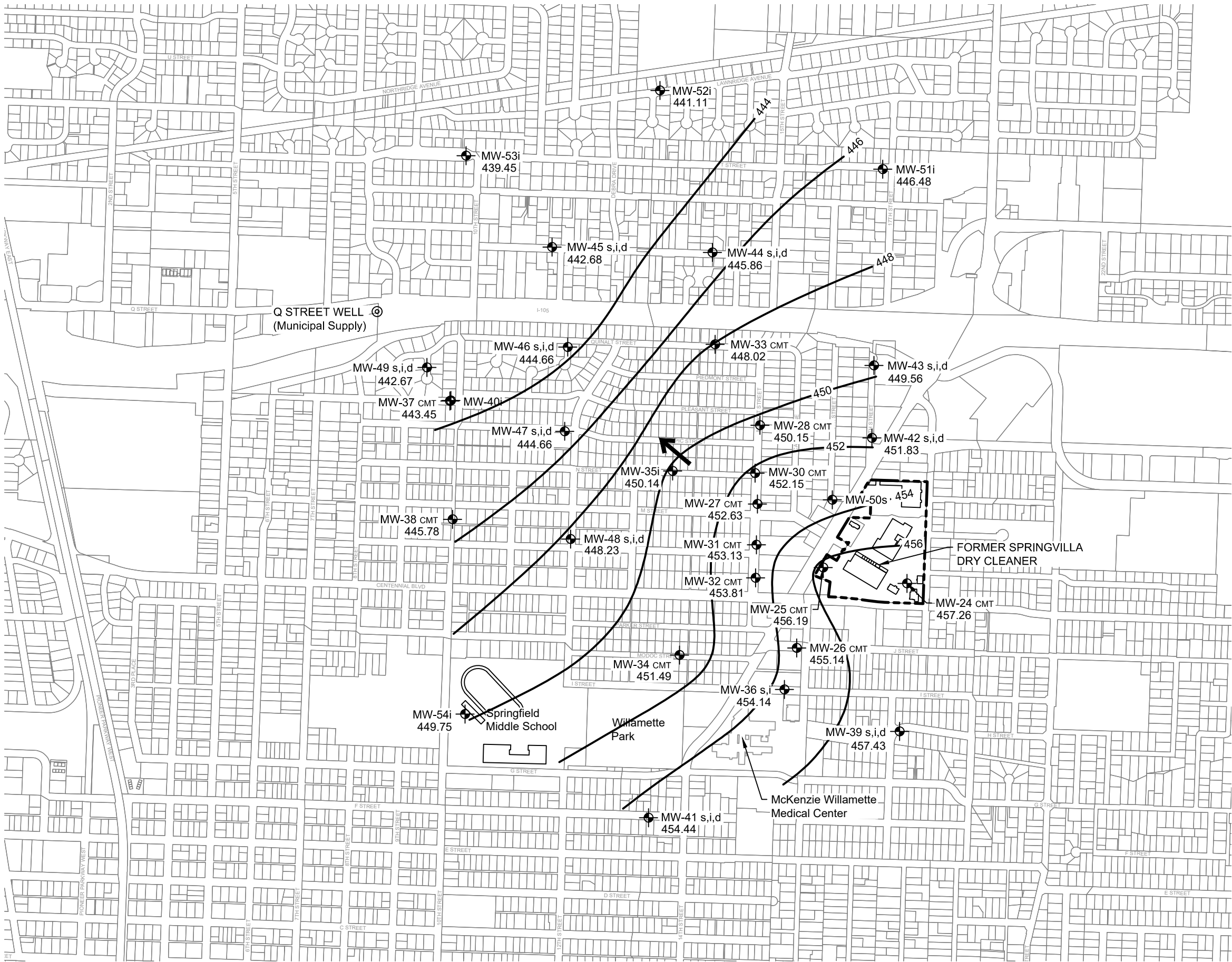
GROUNDWATER ELEVATION CONTOURS
REGIONAL SHALLOW ZONE AQUIFER
OCTOBER 2023

Project No.
1176-01
Figure No.
7

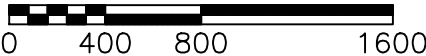
LEGEND

- Monitoring Well (PNG)
- Municipal Water-Supply Well
- 442.67 Groundwater Elevation (Feet MSL)
- Groundwater Contour
- Approximate Groundwater Flow Direction
- Well Screen Depths Between 40 and 60 feet BGS.

NOTE:
BASE MAPS:
• Lane County Assessment and Taxation
• Statewide Land Survey



APPROXIMATE SCALE IN FEET



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DATE: 11-14-23
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

GROUNDWATER ELEVATION CONTOURS
REGIONAL INTERMEDIATE ZONE
AQUIFER OCTOBER 2023

Project No.
1176-01
Figure No.
8

LEGEND

-  Monitoring Well (PNG)
-  Municipal Water-Supply Well
- 397.41

 Groundwater Elevation (Feet MSL)
-  Groundwater Contour
-  Change in Contour Interval
-  Approximate Groundwater Flow Direction
- * =

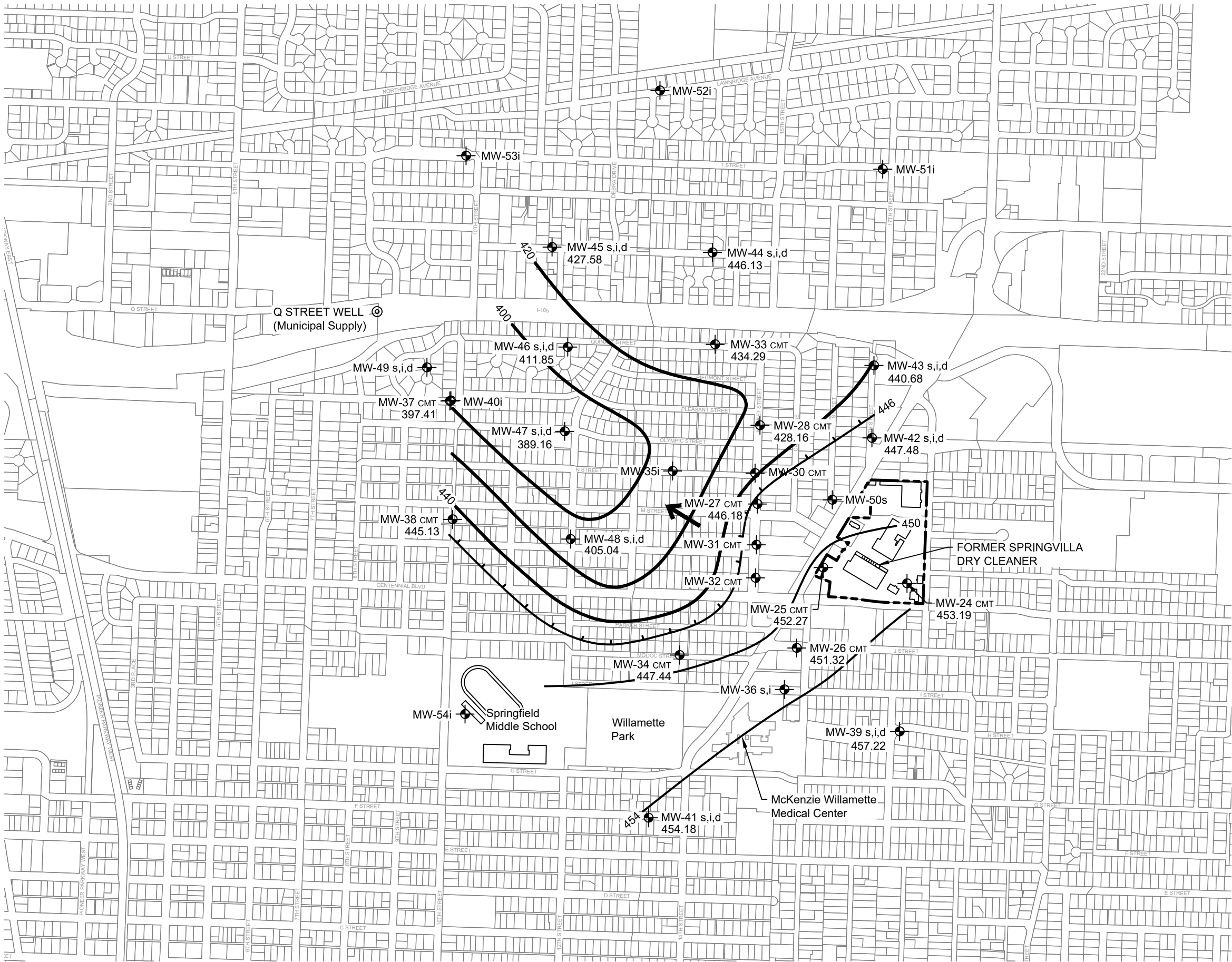
Not Used for Contouring
- ** =

Groundwater elevation could not be measured
- Well Screen Depths Between 90 and 120 feet BGS.

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey



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FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

GROUNDWATER ELEVATION CONTOURS
REGIONAL DEEP ZONE
AQUIFER OCTOBER 2023

Project No.
1176-01

Figure No.
9

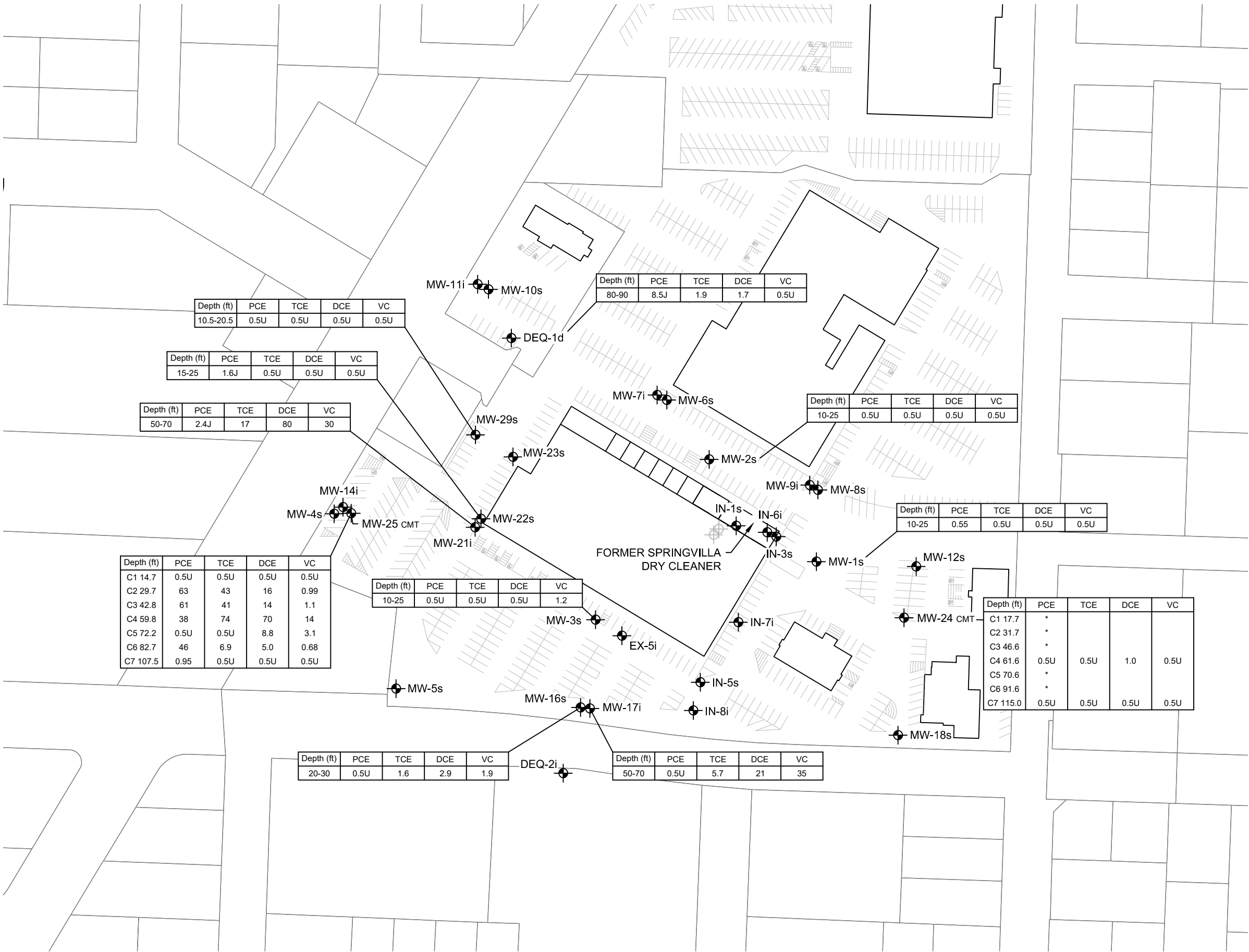
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LEGEND

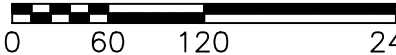
- Monitoring Well
- Municipal Water-Supply Well
- PCE= Tetrachloroethene
- TCE= Trichloroethene
- DCE= cis-1,2-Dichloroethene
- VC= Vinyl Chloride
- 140= Concentration (ug/L)
- U= Not Detected Above Laboratory Reporting Limit Indicated
- c1 14.7= CMT™ Channel Number and Depth in Feet.
- *= Not Sampled During this Monitoring Event
- J= Estimated Value

NOTE:

- BASE MAPS:
- Lane County Assessment and Taxation
 - Statewide Land Survey



APPROXIMATE SCALE IN FEET



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DATE: 11-14-23
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

VOCs IN GROUNDWATER - LOCAL
OCTOBER 2023

Project No.
1176-01

Figure No.
10

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APPROXIMATE SCALE IN FEET

0 400 800 1600



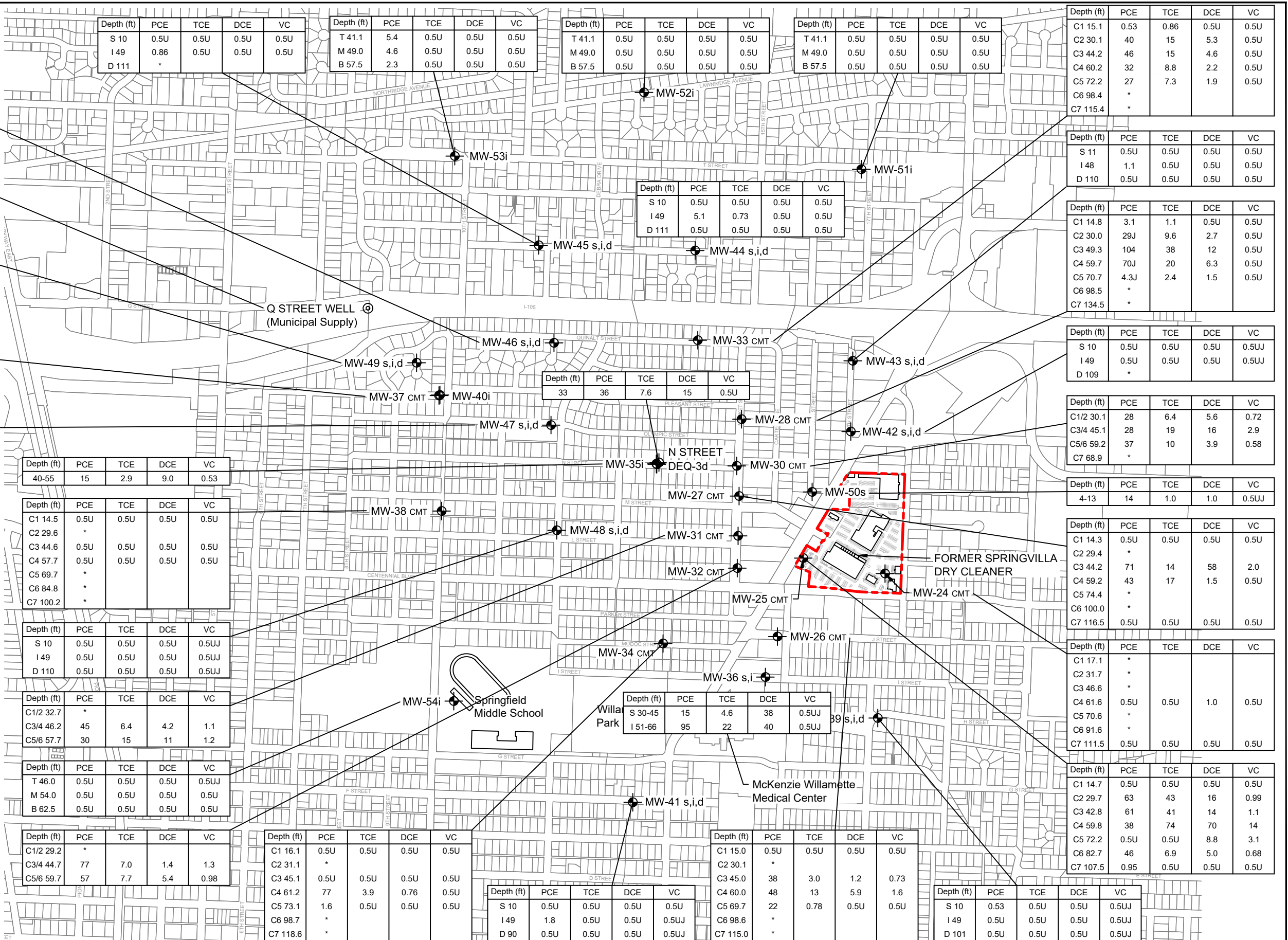
LEGEND

- Monitoring Well
- Municipal Water-Supply Well
- PCE= Tetrachloroethene
- TCE= Trichloroethene
- DCE= cis-1,2-Dichloroethene
- VC= Vinyl Chloride
- 140= Concentration (ug/L)
- U= Not Detected Above Laboratory Reporting Limit Indicated
- c1 14.7= CMT™ Channel Number and Depth in Feet.
- J= Estimated Value
- *= Not Sampled During this Monitoring Event

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey



PNG ENVIRONMENTAL, INC.

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Tigard, OR 97223

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DATE: 11-14-23
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

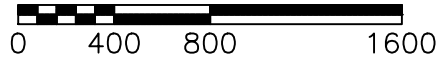
VOCs IN GROUNDWATER - REGIONAL
OCTOBER 2023

Project No.
1176-01

Figure No.
11

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APPROXIMATE SCALE IN FEET



REFERENCE LEVELS (PCE)

RBC Residential Tap Water = 12 ug/L

RBC Residential VISL = 29 ug/L

EPA MCL = 5 ug/L

LOD = Limit of Detection

LEGEND



Monitoring Well



Municipal Water-Supply Well

PCE= Tetrachloroethene

TCE= Trichloroethene

DCE= cis-1,2-Dichloroethene

VC= Vinyl Chloride

140= Concentration (ug/L)

U=

Not Detected Above Laboratory Reporting Limit Indicated

c1 14.7= CMT™ Channel Number and Depth in Feet.

J=

Estimated Value

*=

Not Sampled During this Monitoring Event



Approximate Groundwater Flow Direction

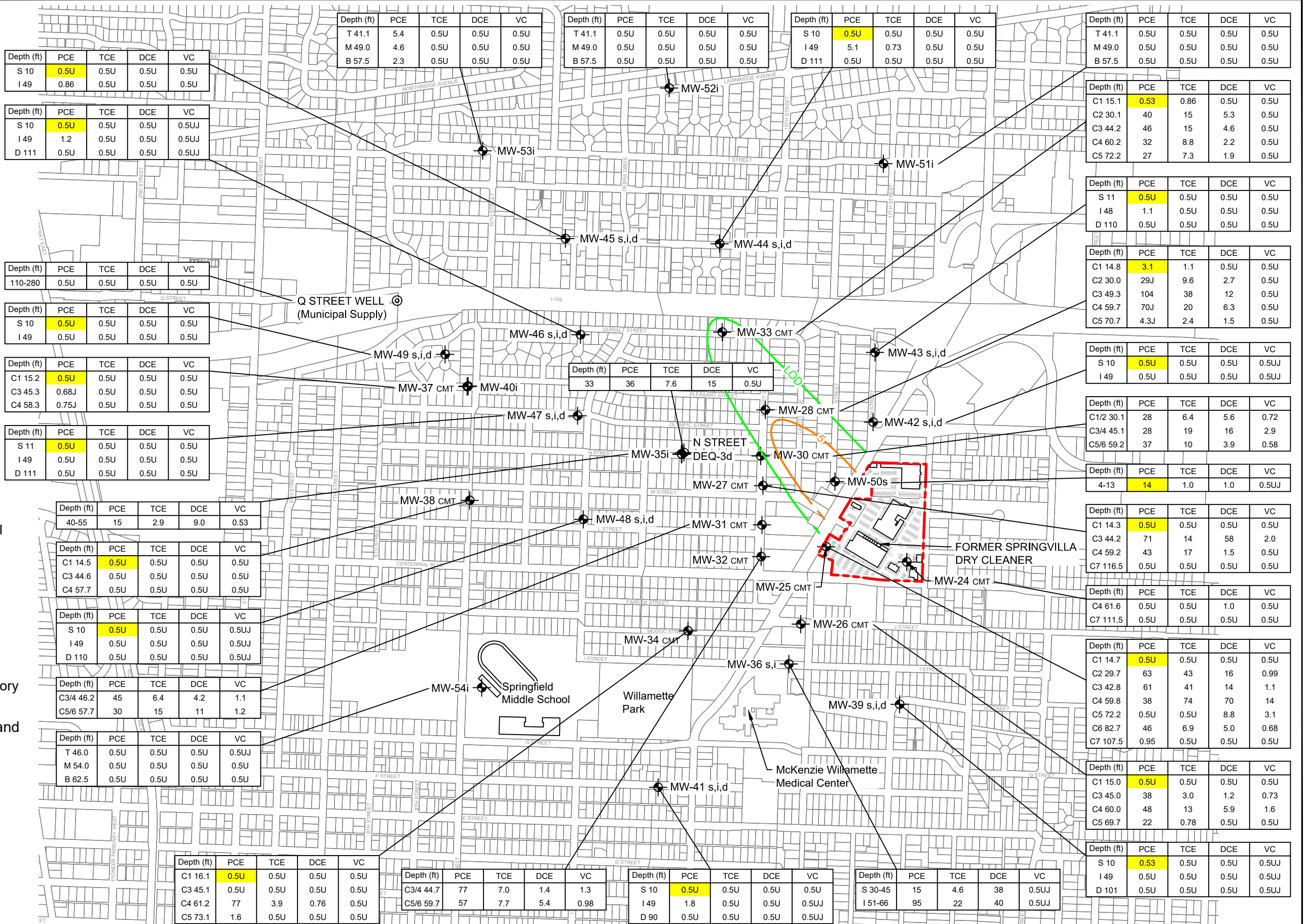


PCE Isocontour

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey



PNG ENVIRONMENTAL, INC.

6665 SW Hampton St., Ste. 101
Tigard, OR 97223

TEL (503) 620-2387
FAX (503) 620-2977

DATE: 11-10-23
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

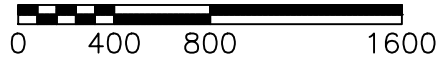
PCE IN REGIONAL SHALLOW-ZONE
GROUNDWATER <20'
OCTOBER 2023

Project No.
1176-01

Figure No.
12

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APPROXIMATE SCALE IN FEET



REFERENCE LEVELS (PCE)

RBC Residential Tap Water = 12 ug/L

EPA MCL = 5 ug/L

LOD = Limit of Detection

LEGEND



Monitoring Well



Municipal Water-Supply Well

PCE= Tetrachloroethene

TCE= Trichloroethene

DCE= cis-1,2-Dichloroethene

VC= Vinyl Chloride

140= Concentration (ug/L)

U=

Not Detected Above Laboratory Reporting Limit Indicated

c1 14.7= CMT™ Channel Number and Depth in Feet.

J=

Estimated Value

*=

Not Sampled During this Monitoring Event



Approximate Groundwater Flow Direction

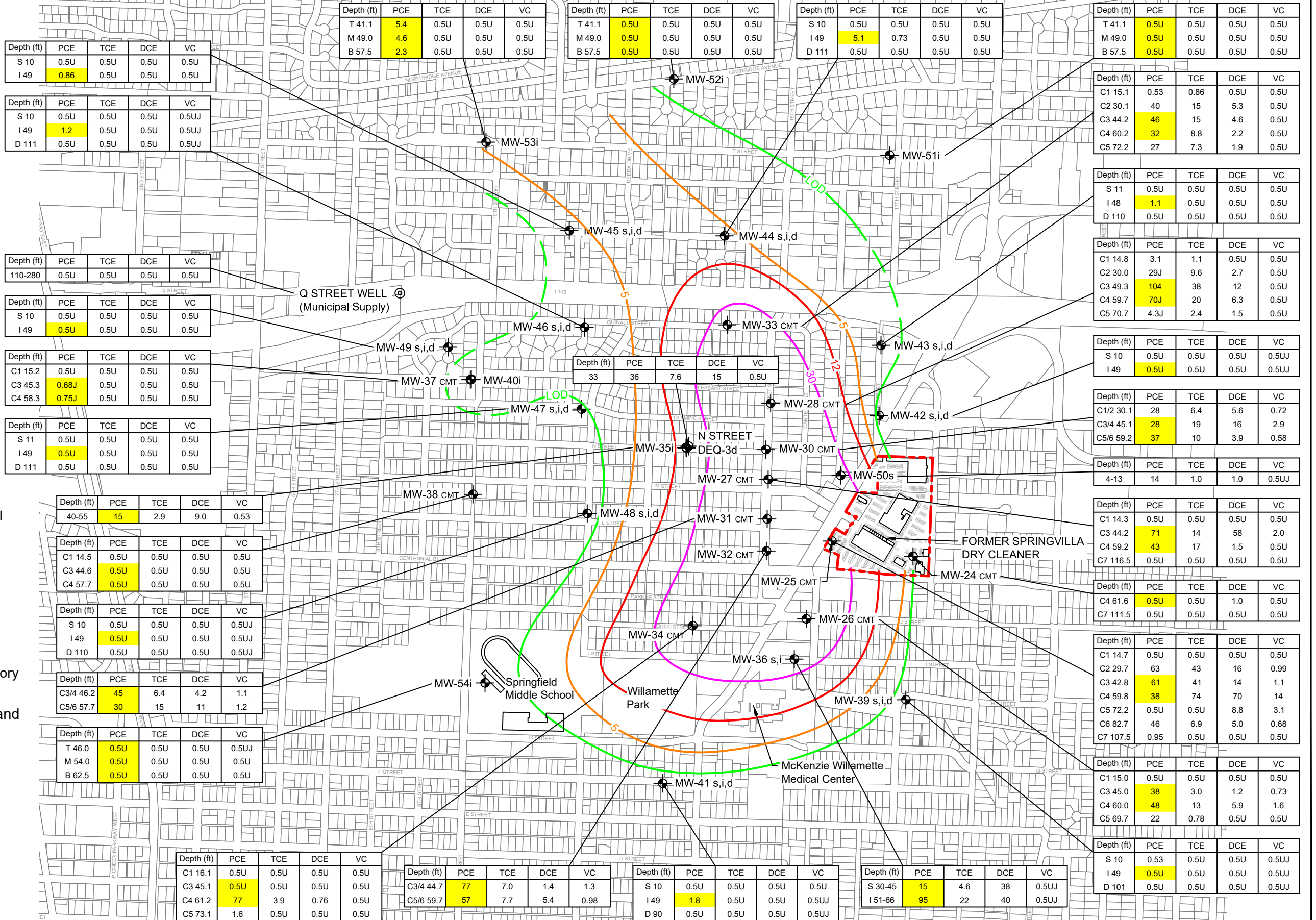


PCE Isocontour (40'-60')

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey



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Tigard, OR 97223

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DATE: 11-14-23
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

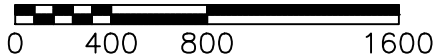
PCE IN REGIONAL INTERMEDIATE-ZONE
GROUNDWATER 40' - 60'
OCTOBER 2023

Project No.
1176-01

Figure No.
13

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APPROXIMATE SCALE IN FEET



REFERENCE LEVELS (PCE)

RBC Residential Tap Water = 12 ug/L

EPA MCL = 5 ug/L

LOD = Limit of Detection

LEGEND



Monitoring Well



Municipal Water-Supply Well

PCE= Tetrachloroethene

TCE= Trichloroethene

DCE= cis-1,2-Dichloroethene

VC= Vinyl Chloride

140= Concentration (ug/L)

U= Not Detected Above Laboratory Reporting Limit Indicated

c1 14.7= CMT™ Channel Number and Depth in Feet.

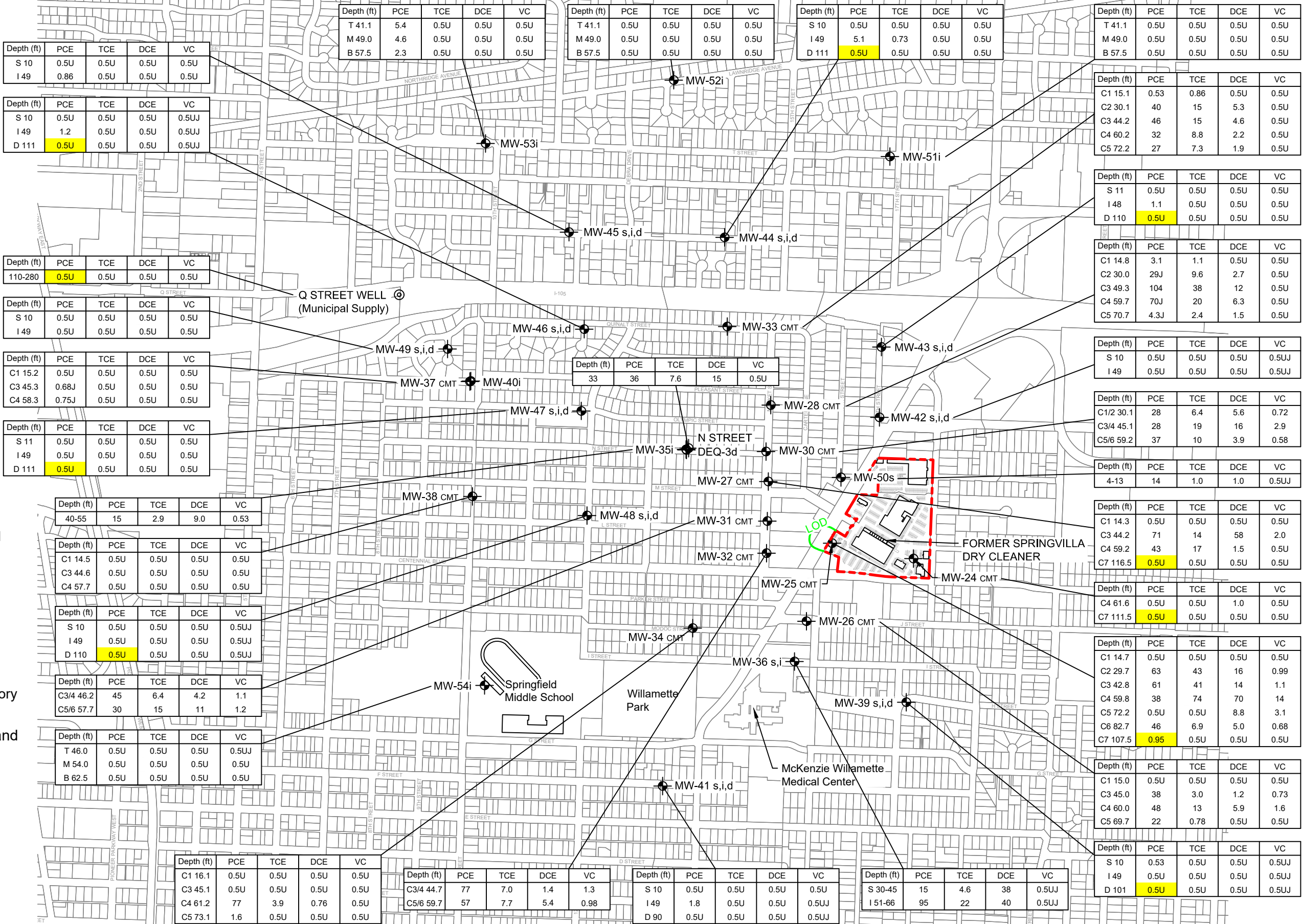
J= Estimated Value

*= Not Sampled During this Monitoring Event

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey



PNG ENVIRONMENTAL, INC.

6665 SW Hampton St., Ste. 101
Tigard, OR 97223

TEL (503) 620-2387
FAX (503) 620-2977

DATE: 11-14-23
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

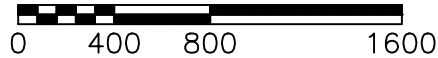
PCE IN REGIONAL DEEP-ZONE
GROUNDWATER >100'
OCTOBER 2023

Project No.
1176-01

Figure No.
14

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APPROXIMATE SCALE IN FEET



REFERENCE LEVELS (TCE)

RBC Residential Tap Water = 0.49 ug/L

RBC Resident VISL = 2.1 ug/L

EPA MCL = 5 ug/L

LOD = Limit of Detection

LEGEND



Monitoring Well



Municipal Water-Supply Well

PCE= Tetrachloroethene

TCE= Trichloroethene

DCE= cis-1,2-Dichloroethene

VC= Vinyl Chloride

140= Concentration (ug/L)

U=

Not Detected Above Laboratory Reporting Limit Indicated

c1 14.7= CMT™ Channel Number and Depth in Feet.

J=

Estimated Value

*=

Not Sampled During this Monitoring Event



Approximate Groundwater Flow Direction

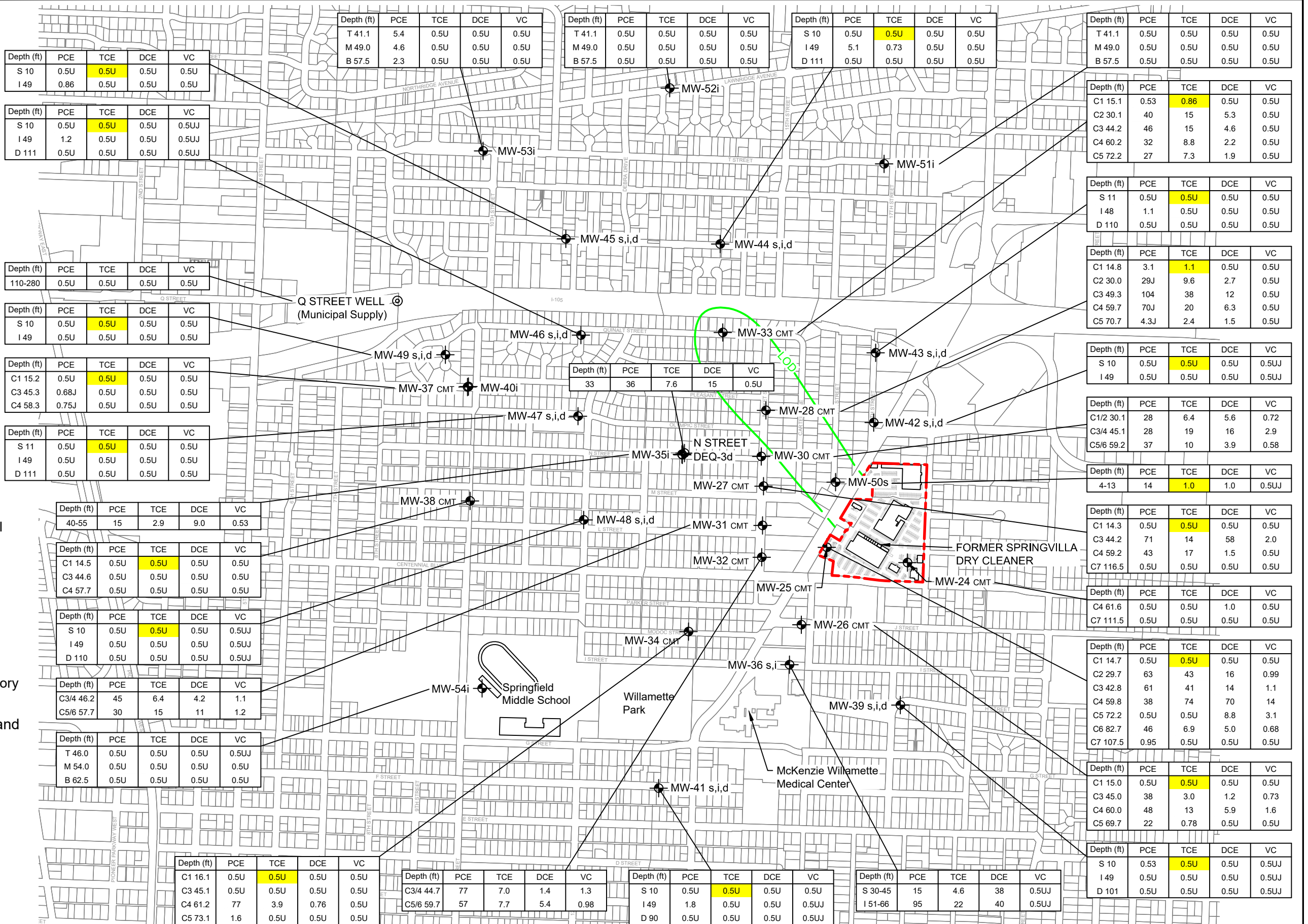


PCE Isocontour

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey



PNG ENVIRONMENTAL, INC.

6665 SW Hampton St., Ste. 101
Tigard, OR 97223

TEL (503) 620-2387
FAX (503) 620-2977

DATE:

11-14-23

FILE NAME:

1176-01

DRAWN BY:

JJT

APPROVED BY:

SV

FORMER SPRINGVILLA DRY CLEANER

1459 MOHAWK BLVD
SPRINGFIELD, OR

TCE IN REGIONAL SHALLOW-ZONE

GROUNDWATER <20'
OCTOBER 2023

Project No.

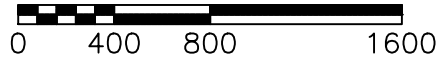
1176-01

Figure No.

15

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APPROXIMATE SCALE IN FEET



REFERENCE LEVELS (TCE)

RBC Residential Tap Water = 0.49 ug/L

EPA MCL = 5 ug/L

LOD = Limit of Detection

LEGEND



Monitoring Well



Municipal Water-Supply Well

PCE= Tetrachloroethene

TCE= Trichloroethene

DCE= cis-1,2-Dichloroethene

VC= Vinyl Chloride

140= Concentration (ug/L)

U=

Not Detected Above Laboratory Reporting Limit Indicated

c1 14.7= CMT™ Channel Number and Depth in Feet.

J=

Estimated Value

*=

Not Sampled During this Monitoring Event



Approximate Groundwater Flow Direction

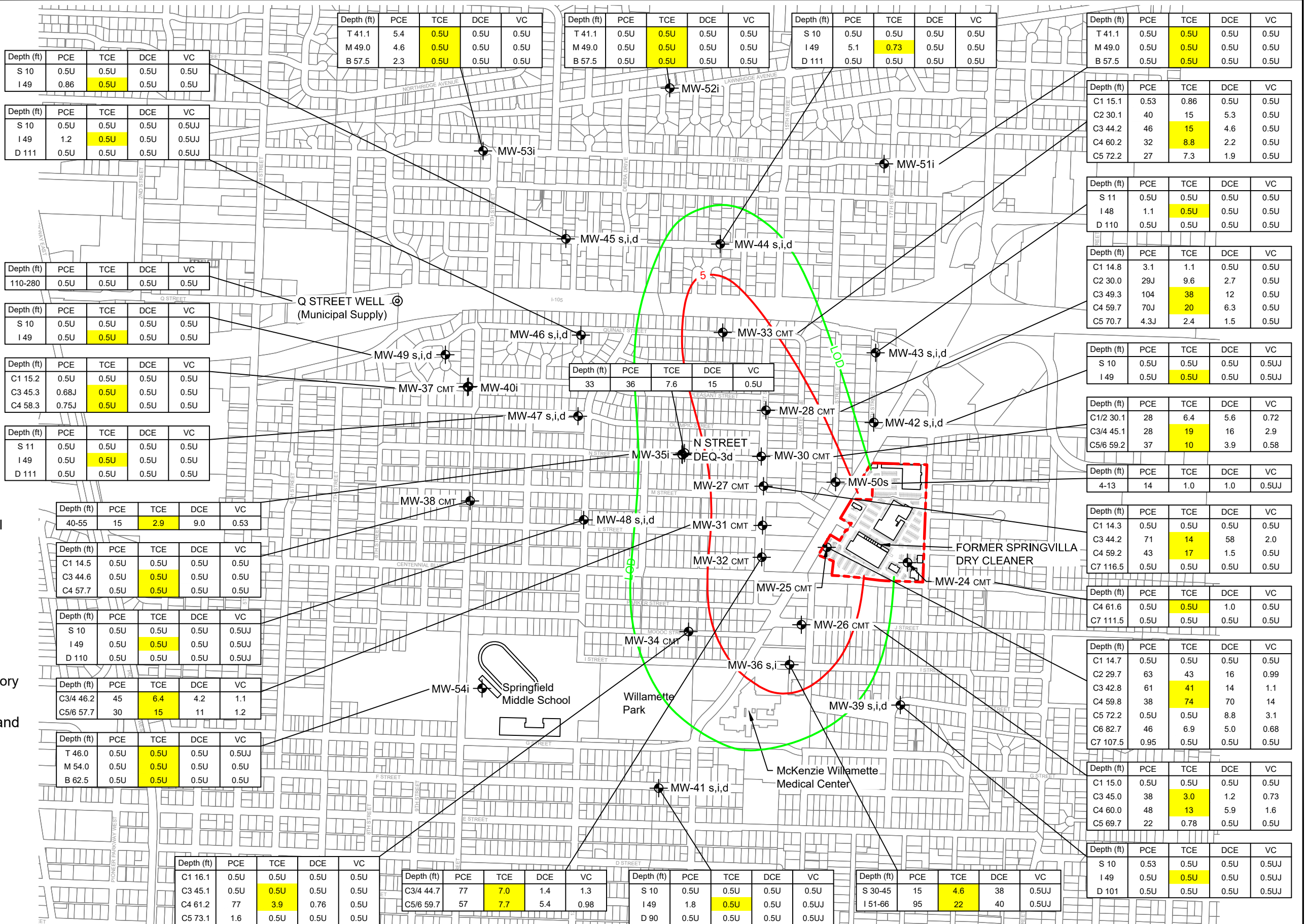


PCE Isocontour

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey



PNG ENVIRONMENTAL, INC.

6665 SW Hampton St., Ste. 101
Tigard, OR 97223

TEL (503) 620-2387
FAX (503) 620-2977

DATE: 11-14-23
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

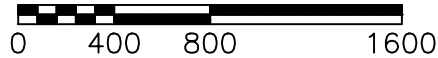
TCE IN REGIONAL INTERMEDIATE-ZONE
GROUNDWATER 40' - 60'
OCTOBER 2023

Project No.
1176-01

Figure No.
16

I:\Autocad Files\PNG-Autocad\1176-01 Springfield\2023\Nov 2023\1176-01_BM-110723.dwg

APPROXIMATE SCALE IN FEET



REFERENCE LEVELS (TCE)

RBC Residential Tap Water = 0.49 ug/L

EPA MCL = 5 ug/L

LOD = Limit of Detection

LEGEND



Monitoring Well



Municipal Water-Supply Well

PCE= Tetrachloroethene

TCE= Trichloroethene

DCE= cis-1,2-Dichloroethene

VC= Vinyl Chloride

140= Concentration (ug/L)

U=

Not Detected Above Laboratory Reporting Limit Indicated

c1 14.7= CMT™ Channel Number and Depth in Feet.

J=

Estimated Value

*=

Not Sampled During this Monitoring Event



Approximate Groundwater Flow Direction

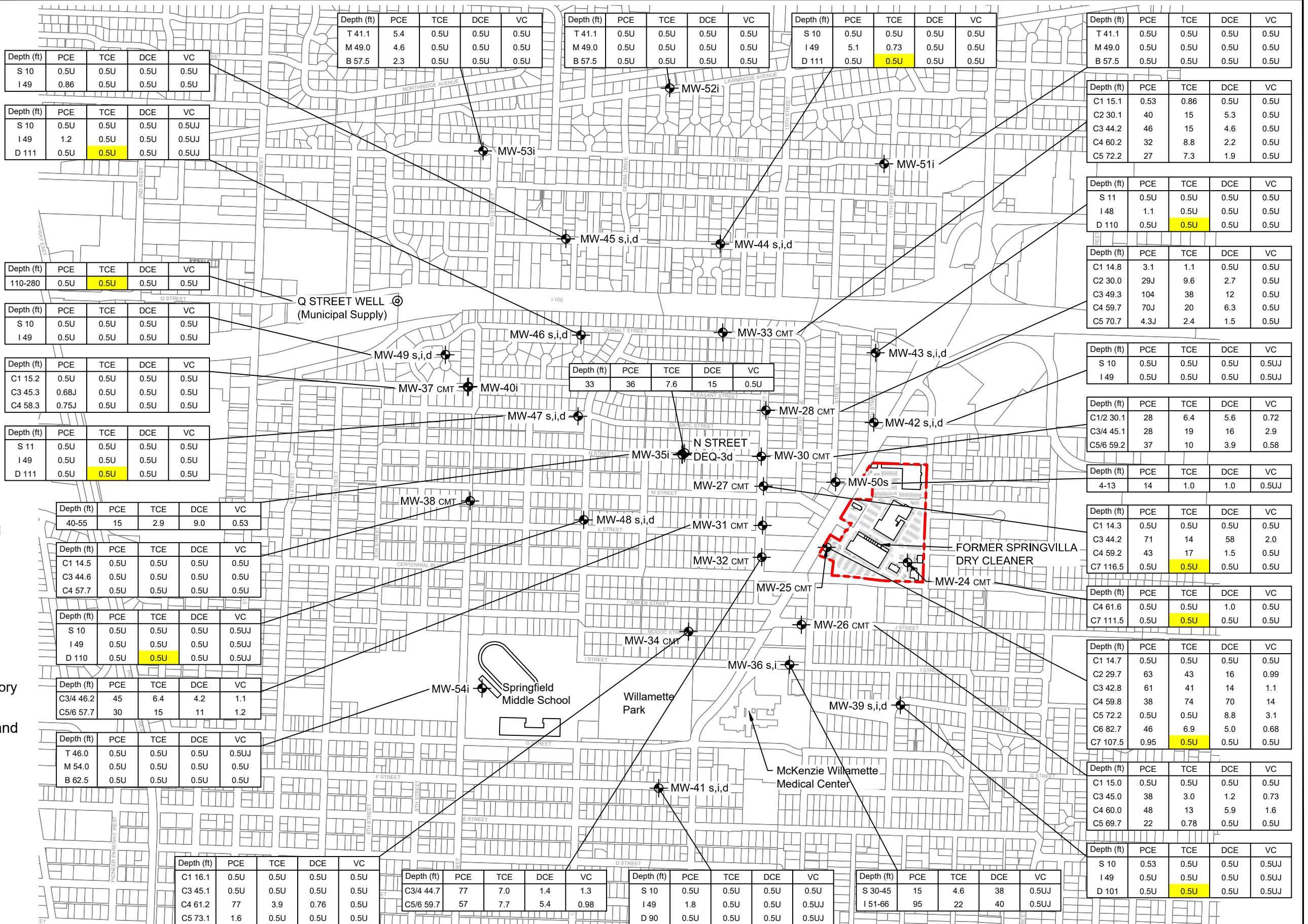


PCE Isocontour

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey



PNG ENVIRONMENTAL, INC.

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DATE: 11-14-23
FILE NAME: 1176-01
DRAWN BY: JJT
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FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

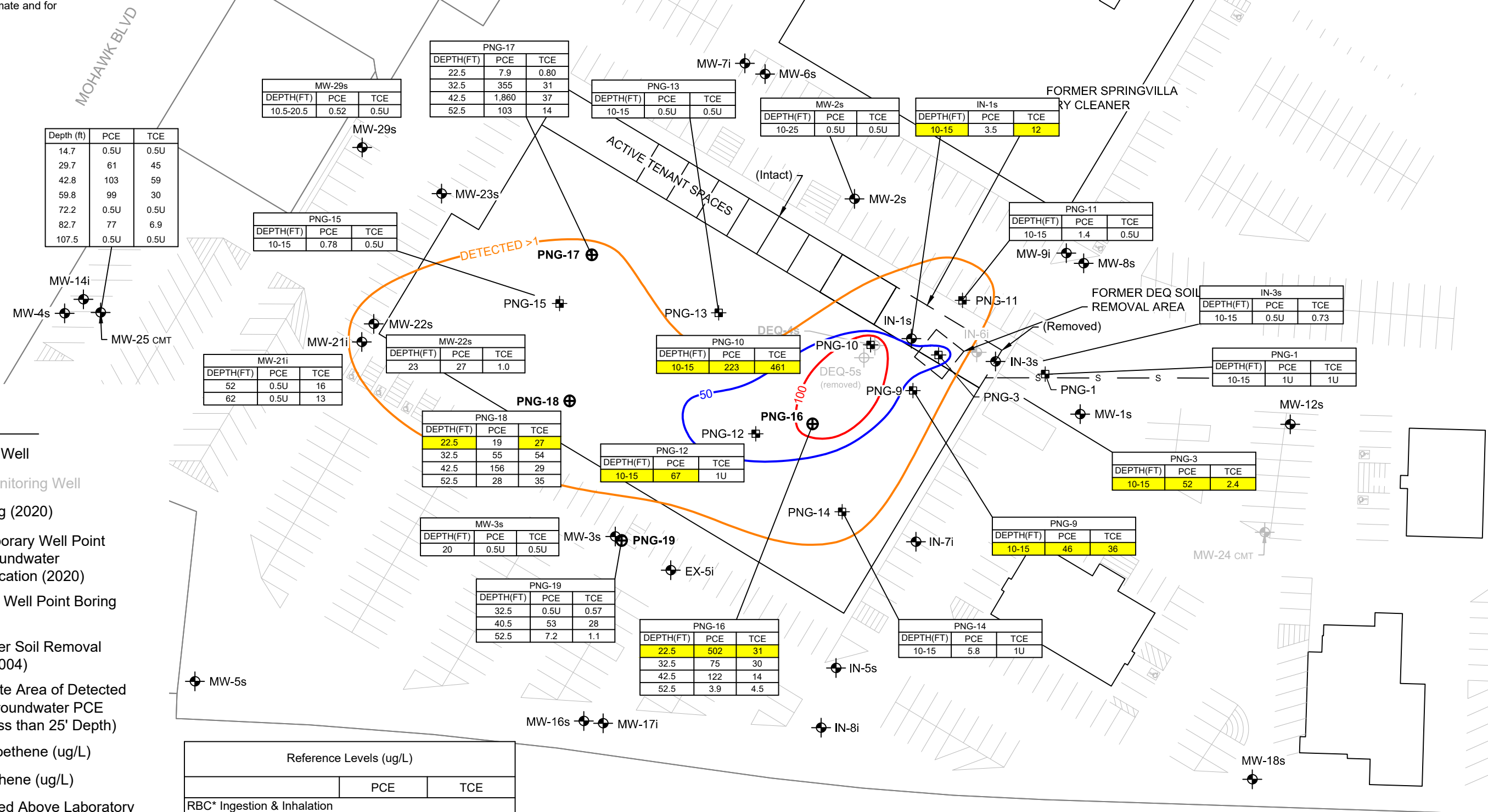
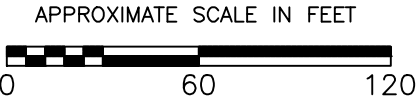
TCE IN REGIONAL DEEP-ZONE
GROUNDWATER >100'
OCTOBER 2023

Project No.
1176-01

Figure No.
17

NOTE:
BASE MAPS:
• Lane County Assessment and Taxation
• Statewide Land Survey
• Bergeson-Boese & HartCrowser
• Oregon DEQ
• Features shown are approximate and for illustrative purposes only.

Note: MW-10s and MW-11i are approximately 60 feet to north of DEQ-1d



LEGEND

MW-1 Monitoring Well

Former Monitoring Well

PNG Boring (2020)

PNG Temporary Well Point Boring Groundwater Sample Location (2020)

Temporary Well Point Boring (2021)

HartCrowser Soil Removal Area (08/2004)

Approximate Area of Detected Shallow Groundwater PCE Impact (Less than 25' Depth)

PCE= Tetrachloroethene (ug/L)

TCE= Trichloroethene (ug/L)

U= Not Detected Above Laboratory Reporting Limit Indicated

J= Estimated Value

Monitoring Well Data Dated (October 2020 and January 2021)

Reference Levels (ug/L)		
	PCE	TCE
RBC* Ingestion & Inhalation		
Residential	12	0.49
Occupational	48	3.3
RBC* Vapor Intrusion		
Resident	29	2.1
Commercial	130	13

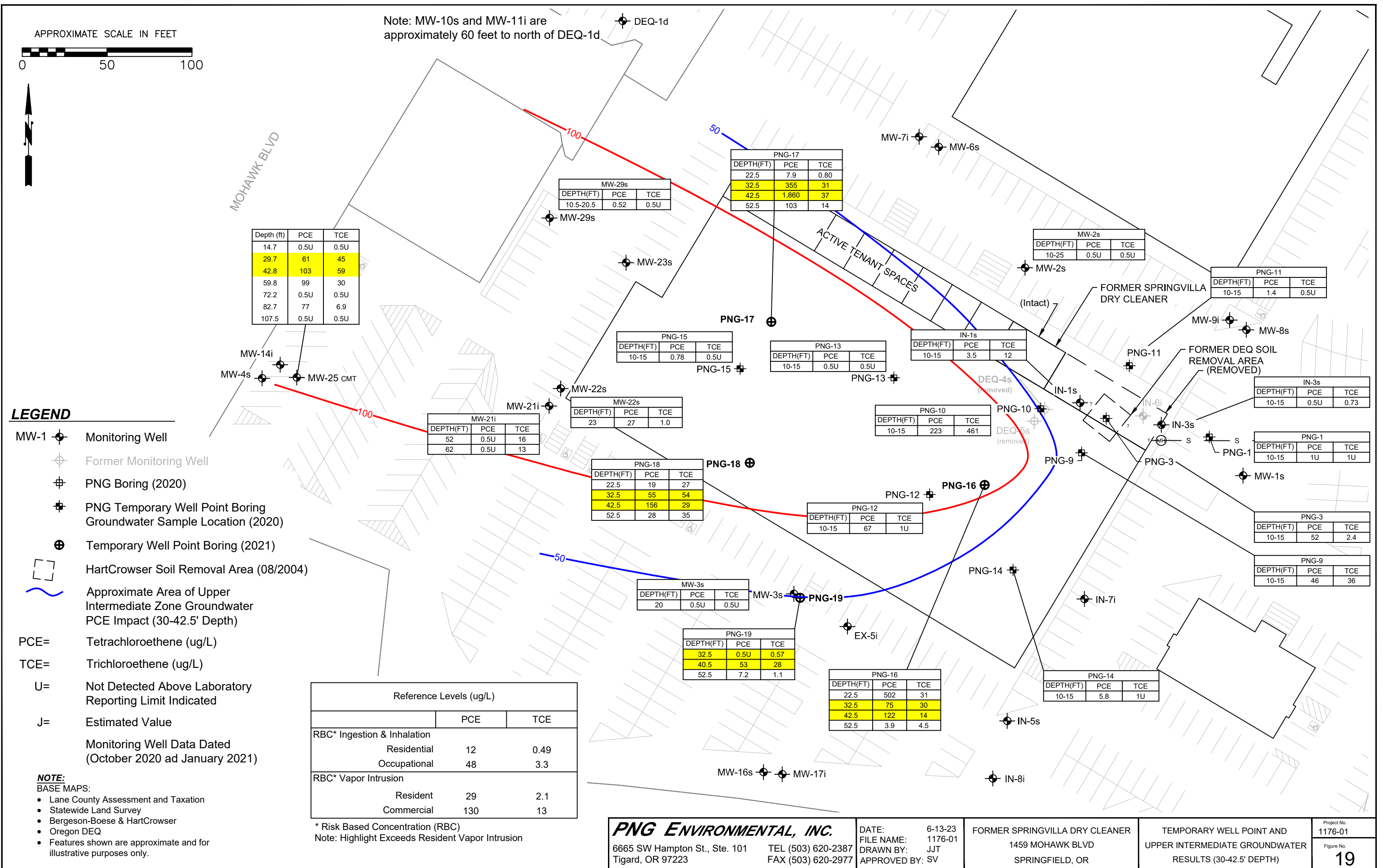
* Risk Based Concentration (RBC)
Note: Highlight Exceeds Resident Vapor Intrusion

PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101 Tigard, OR 97223
TEL (503) 620-2387
FAX (503) 620-2977

DATE: 6-13-23
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: GT
FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

TEMPORARY WELL POINT AND
SHALLOW ZONE GROUNDWATER
RESULTS (LESS THAN 25' DEPTH)

Project No.
1176-01
Figure No.
18



APPENDIX A FIELD LOGS

WATER LEVEL MEASUREMENT RECORD

PNG Environmental, Inc.

Page 1 of 4

Project Number: 1176	Date: 10-09-23
Project Name: Springfield	Measured By: JG
Location: Springfield, Oregon	Measured With: Solinst

Well	Time	Water Level (ft btc)	Time	Water Level (ft btc)	Time	Water Level (ft btc)
MW-1s (IN-4s)	0818	7.75	1439	7.44		
MW-2s	0943	9.48	1553	8.77		
MW-3s (EX-2s)	0850	8.59	1500	8.61		
MW-4s	0910	7.06	1522	6.79		
MW-5s	0857	6.29	1514	6.44		
MW-6s	0940	7.99	1550	9.70	✓	
MW-7i	0938	11.74	1548	11.70	✓	
MW-8s	0947	9.55	1602	9.16		
MW-9i	0945	10.79	1559	10.97		
MW-10s	0932	8.87	1543	8.01		
MW-11i	0934	8.72	1544	09.38		
MW-12s	0821	7.51	1442	7.56		
MW-14i	0908	7.36	1523	8.07		
MW-16s (EX-3s)	0852	6.77	1509	6.64		
MW-17i (EX-6i)	0855	12.00	1511	8.39		
MW-18s	0834	8.19	1454	8.05		
MW-21i (EX-4i)	0901	11.21	1518	11.14		
MW-22s (EX-1s)					1334	8.20
MW-23s	0926	9.00	1536	8.86		
MW-29s	0921	8.84	1533	8.90		
MW-35i	1259	8.64				
MW-36s	1013	9.68				
MW-36i	1014	8.85				
MW-40i	1209	10.55				
DEQ-1d	0929	11.15	1540	11.02		
DEQ-2i	0957	8.59				
DEQ-3d	1257	21.43				
EX-5i	0847	10.42	1504	10.39		
IN-1s	0805	8.35	1428	8.45		
IN-3s	0815	8.67	1434	8.74		
IN-5s	0841	7.66	1459	7.55		
IN-6i	0810	10.24	1431	10.27		
IN-7i	0837	9.63	1456	9.64		
IN-8i	0845	8.87	1501	8.88		
MW-39s	1007	6.18				
MW-39i	↓	6.06				
MW-39d		6.22				

10-16-23

8.35

T

F

F

mw40i

12-4 10.55

WATER LEVEL MEASUREMENT RECORD

PNG Environmental, Inc.

Page 2 of 4

Project Number: 1176	Date: <u>10-09-23</u>
Project Name: Springfield	Measured By: JG
Location: Springfield, Oregon	Measured With: Solinst

Well	Time	Water Level (ft btc)	Time	Water Level (ft btc)	Time	Water Level (ft btc)
MW-41s	1030	5.94				
MW-41i	┆	6.72				
MW-41d	┆	8.00				
MW-42s	1324	9.36				
MW-42i	┆	10.38				
MW-42d	┆	14.62				
MW-43s	1333	10.20				
MW-43i	┆	11.48				
MW-43d	┆	20.36				
MW-44s	1344	9.23				
MW-44i	┆	11.15				
MW-44d	┆	10.78				
MW-45s	1353	9.92				
MW-45i		12.93				
MW-45d		28.02				
MW-46s	1150	8.54				
MW-46i	┆	10.32				
MW-46d	┆	42.88				
MW-47s	1225	8.35				
MW-47i	┆	10.20				
MW-47d	┆	07.09				
MW-48s	1237	9.93				
MW-48i	┆	11.14				
MW-48d	┆	54.29				
MW-49s	1202	7.70				
MW-49i		9.92				
MW-49d	┆	x				
MW-50s	1318	7.01				
MW-51i	1419	15.53				
MW-52i	1414	15.42				
MW-53i	1410	12.69				
MW-54i	1051	8.04				

CMT WATER LEVEL MEASUREMENT RECORD

PNG Environmental, Inc.

Page 3 of 4

Project Number: 1176				Date: <u>10-09-23</u>		
Project Name: Springfield				Measured By: JG		
Location: Springfield, Oregon				Measured With: Solinst		
Well / channel	Time	Water Level (ft btc)	Time	Water Level (ft btc)	Time	Water Level (ft btc)
MW-24 CMT 1	0824	7.64	1444	7.68		
2		7.86		7.71		
3		8.89		8.91		
4		9.50		9.50		
5		9.50 ^{1/2}		9.52		
6		9.93		9.76		
7		13.05		12.98		
MW-25 CMT 1	0912	6.00	1525	6.07		
2		7.29		7.29		
3		7.44		7.45		
4		8.82		8.57		
5		8.61		8.53		
6		8.88		8.84		
7		11.34		11.37		
MW-26 CMT 1	1020	6.13				
2		6.25				
3		6.92				
4		7.36				
5		6.89				
6		11.48				
7		10.74				
MW-27 CMT 1	1107	6.30				
2		7.28				
3		7.63				
4		7.84				
5		8.00				
6		10.74				
7		14.08				
MW-28 CMT 1		7.44	1128	7.98		
2		8.32		8.71		
3				9.93		
4				10.99		
5				11.07		
6				12.03		
7				31.92		
MW-30 CMT 1/2	1122	7.44				
3/4		8.32				
5/6		8.35				
7		8.91				

CMT WATER LEVEL MEASUREMENT RECORD
PNG Environmental, Inc.

Page 4 of 4

Project Number: 1176	Date: 10-09-23
Project Name: Springfield	Measured By: JG
Location: Springfield, Oregon	Measured With: Solinst

Well / channel	Time	Water Level (ft btc)	Time	Water Level (ft btc)	Time	Water Level (ft btc)
----------------	------	-------------------------	------	-------------------------	------	-------------------------

Well / channel	Time	Water Level	Time	Water Level	Time	Water Level
MW-31 CMT	1/2	1058 7.18				
	3/4	7.24				
	5/6	6.87				
	7	62.66				
MW-32 CMT	1/2	1308 6.68				
	3/4	7.07				
	5/6	6.98				
	7	66.12				
MW-33 CMT	1	1139 9.18				
	2	9.97				
	3	10.16				
	4	10.51				
	5	10.70				
	6	16.71				
	7	23.89				
MW-34 CMT	1	1039 11.57				
	2	10.74				
	3	10.92				
	4	10.98				
	5	11.34				
	6	15.15				
	7	14.97				
MW-37 CMT	1	1211 9.05				
	2	10.37				
	3	10.77				
	4	11.39				
	5	11.51				
	6	46.42				
	7	36.81	56.81			
MW-38 CMT	1	1246 10.34				
	2	10.83				
	3	11.29				
	4	11.35				
	5	11.40				
	6	11.59				
	7	11.94				

PNG Environmental, Inc.

Sampler's Signature

PNG Environmental, Inc.

Sampler's Signature

Date: 10/1/2023

PNG Environmental, Inc.

[illegible]

PNG Environmental, Inc.

PNG Environmental, Inc.		Project name: Springfield
Well ID no: MW - 16s		Project no: 1176
Sample no: MW - 16s		Collector: JG
Date: 10/16/2023 Sample Time: 1258		

Well Information

Monument condition: Good / Needs repair _____
 Well cap condition: Good / Locked / Replaced / Needs replacement _____
 Headspace reading: Not measured / ppm _____ Odor Y / N
 Elevation mark: Yes / Added / Other _____ Well diameter = 2-inch / 4-inch / 6-inch / Other _____

Purge Data

Total well depth: 28.79 ft Top of screen: 18.79 ft toc
 Depth to product: _____ ft Water above screen: Y / N
 Depth to water: 6.64 ft Pump/Tubing Intake Depth: _____ ft bgs
 Casing volume: 32.15 ft H₂O X _____ gpf = _____ X 3 = _____
 Casing volumes (GPF) 3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47

Sample Collection Method Passive Diffusion Bag
 PDB Replaced Y / N PDB Depth = 23.7 ft below toc

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments

Ferrous Iron (mg/L): _____ Total / Dissolved _____

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Date: 10/16/2023

PNG Environmental, Inc.

Well ID no: MW - 17i		Project name: Springfield
Sample no: MW - 17i		Project no: 1176
Date: 10/ 16 /2023	Sample Time: 1310 & 1311	Collector: JG

Well Information

Monument condition: (Good) Needs repair

Well cap condition: (Good/Locked/ Replaced / Needs replacement)

Headspace reading: Not measured / ppm _____ Odor Y/N

Elevation mark: (Yes) Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other _____

Purge Data

Total well depth: 69.08 ft Top of screen 49.08 ft toc

Depth to product: ft Water above screen N

Depth to water: 8.39 ft Pump/Tubing Intake Depth ft bgs

Casing volume: 60-69 ft H₂O X _____ gpf = _____ X 3 = _____

Casing volumes (GPF) 3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47

Sample Collection Method Passive Diffusion Bag
PDB Replaced [Y] N PDB Depth = 59.0 ft below TOC

PNG Environmental, Inc.

Well Information

Purge Data

Sample Collection Method

Passive Diffusion Bag

PDB Replaced ☒ Y / ☐ N PDB Depth = 60.1 ft below toc

Field Parameters

Meter used QED / YSI / Hanna / Other

Ferrous Iron (mg/L):	Total / Dissolved
----------------------	-------------------

Sample Containers

Comments:

Sampler's Signature

Date: 10/16/2023

PNG Environmental, Inc.

Well ID no: MW - 22s				Project name: Springfield			
Sample no: MW - 22s				Project no: 1176			
Date: 10/16/2023				Sample Time: 1337			
				Collector: JG			

Well Information
Monument condition: (Good) / Needs repair
Well cap condition: (Good) / Locked / Replaced / Needs replacement
Headspace reading: Not measured / ppm Odor (Y/N)
Elevation mark: (Yes) / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data
Total well depth: 24.76 ft Top of screen: 14.76 ft toc
Depth to product: _____ ft Water above screen: Y / N
Depth to water: 8.70 ft Pump/Tubing Intake Depth: _____ ft bgs
Casing volume: 16.56 ft H₂O X _____ gpf = _____ X 3 = _____
Casing volumes (GPF): 3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47

Sample Collection Method Passive Diffusion Bag
PDB Replaced (Y/N) PDB Depth = 19.7 ft below TOC

Field Parameters
Meter used: QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments

Ferrous Iron (mg/L): _____ Total / Dissolved _____

Sample Containers

Number	Type	Preservative	Filtered
3	<u>(VOA)</u> Amber / Poly	<u>(HCL)</u> None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature _____
Date: 10/16/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 24 c4	Project name: Springfield
Sample no: MW - 24 c4	Project no: 1176
Date: 10/10/2023 Sample Time: 0815	Collector: JG

Well Information

Monument condition	☒ Good / ☐ Needs repair		
Well cap condition	☒ Good / ☐ Locked / ☐ Replaced / ☐ Needs replacement		
Headspace reading	Not measured /	ppm	Odor Y / ☒ N
Elevation mark	☒ Yes / ☐ Added / ☐ Other	Well diameter = 2-inch / 4-inch / 6-inch / ☐ Other	

Purge Data

Total well depth	61.61	ft	Top of screen	ft	bgs
Depth to product		ft	Water above screen	☒ Y / ☐ N	
Depth to water	9.50	ft	Pump/Tubing Intake Depth	ft bgs	
Casing volume	52.11	ft H ₂ O X	40	mL/foot = 2034	X 3 = 6253 6.25 L

Purge Method

Pump type	☒ Peristaltic / ☐ Submersible / ☐ Bladder / ☐ Pneumatic / ☐ Other		
Purge tubing	☒ New LDPE / ☐ New Teflon / ☐ Other		
Purge start time	0747	Purge stop time	0758
Refill Timer Setting		Discharge Timer Setting	
		Purge rate	≈ 0.06 L/min
		Pressure Setting	

Field Parameters

Meter used	QED / ☒ YSI / Hanna / Other						
Gallons/mL	Temp (°F)	Conductivity (µS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
✓							
1	56.34	0.261	3.49	8.21	0.181	138.7	Clear
2	56.12	0.272	1.50	8.08	0.177	140.2	"
3	56.08	0.271	1.16	7.89	0.176	137.0	"
4	56.09	0.271	0.97	7.81	0.176	132.6	"
5	55.95	0.271	0.82	7.70	0.176	127.7	"
6	55.87	0.272	0.71	7.61	0.176	120.6	"
6.5+	55.91	0.271	0.69	7.60	0.176	119.2	"

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
5	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / ☒ N
4	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	1Y / ☒ N
1	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / ☒ N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature	Date: 10/10/2023
---------------------	------------------

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 24 c7	Project name: Springfield
Sample no: MW - 24 c7	Project no: 1176
Date: 10/10/2023 Sample Time: 0439	Collector: JG

Well Information

Monument condition	<u>Good / Needs repair</u>		
Well cap condition	<u>Good / Locked / Replaced / Needs replacement</u>		
Headspace reading	<u>Not measured /</u>	ppm	Odor <u>Y/N</u>
Elevation mark	<u>Yes / Added / Other</u>	Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	111.5	ft	Top of screen	ft	bgs
Depth to product		ft	Water above screen		<u>Y/N</u>
Depth to water	<u>120.98</u>	ft	Pump/Tubing Intake Depth		ft bgs
Casing volume	<u>98.52</u>	ft H ₂ O X	30	mL/foot =	<u>2956</u> X 3 = <u>8867</u>

8.9L

Purge Method

Pump type	<u>Peristaltic</u> Submersible / Bladder / Pneumatic / Other		
Purge tubing	<u>New LDPE /</u> New Teflon / Other		
Purge start time	<u>0742</u>	Purge stop time	<u>0642</u>
Refill Timer Setting		Discharge Timer Setting	
		Purge rate	<u>0.15L/min</u>
		Pressure Setting	

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (µS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>1</u>	<u>61.6</u>	<u>0.269</u>	<u>0.88</u>	<u>7.30</u>	<u>0.2100</u>	<u>-33.3</u>	<u>Clear</u>
<u>2</u>	<u>61.5</u>	<u>0.281</u>	<u>0.70</u>	<u>7.45</u>	<u>0.2189</u>	<u>-94.3</u>	<u>"</u>
<u>3</u>	<u>61.2</u>	<u>0.276</u>	<u>0.52</u>	<u>7.56</u>	<u>0.2171</u>	<u>-93.7</u>	<u>"</u>
<u>4</u>	<u>61.1</u>	<u>0.267</u>	<u>0.33</u>	<u>7.68</u>	<u>0.2080</u>	<u>-98.3</u>	<u>"</u>
<u>5</u>	<u>61.3</u>	<u>0.258</u>	<u>0.42</u>	<u>7.74</u>	<u>0.2015</u>	<u>-101.2</u>	<u>"</u>
<u>6</u>	<u>61.2</u>	<u>0.253</u>	<u>0.42</u>	<u>7.78</u>	<u>0.1983</u>	<u>-103.1</u>	<u>"</u>
<u>7</u>	<u>61.8</u>	<u>0.247</u>	<u>0.36</u>	<u>7.82</u>	<u>0.1917</u>	<u>-102.3</u>	<u>"</u>
<u>8</u>	<u>62.0</u>	<u>0.241</u>	<u>0.34</u>	<u>7.84</u>	<u>0.1885</u>	<u>-104.3</u>	<u>"</u>
<u>8.9L</u>	<u>61.9</u>	<u>0.241</u>	<u>0.33</u>	<u>7.86</u>	<u>0.1846</u>	<u>-106.3</u>	<u>"</u>

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
5	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
4	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	1Y / N
1	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/10/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 25 c1	Project name: Springfield
Sample no: MW - 25 c1	Project no: 1176
Date: 10/12/2023	Sample Time: 1000
Collector: JG	

Well Information

Monument condition: Good / Needs repair

Well cap condition: Good / Locked / Replaced / Needs replacement

Headspace reading: Not measured / ppm Odor: Y/N

Elevation mark: Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth: 14.70 ft Top of screen: _____ ft bgs

Depth to product: _____ ft Water above screen: Y/N

Depth to water: 6.07 ft Pump/Tubing Intake Depth: _____ ft bgs

Casing volume: 863 ft H₂O X 40 mL/foot = 345 X 3 = 1035

Purge Method

Pump type: Peristaltic / Submersible / Bladder / Pneumatic / Other

Purge tubing: New LDPE / New Teflon / Other

Purge start time: 0954 Purge stop time: 0957 Purge rate: 8400 mL/min

Refill Timer Setting: _____ Discharge Timer Setting: _____ Pressure Setting: _____

Field Parameters

Meter used: QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
250	65.2	0.412	1.78	7.56	0.3100	-7.1	Clear
500	65.3	0.428	1.46	7.54	0.3192	-7.2	"
750	65.3	0.453	1.11	7.52	0.3367	9.6	"
1000	65.3	0.456	1.04	7.51	0.3387	13.4	"
1250	65.2	0.456	0.99	7.50	0.3387	12.9	"

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/12/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 25 c2	Project name: Springfield
Sample no: MW - 25 c2	Project no: 1176
Date: 10/10/2023 Sample Time: 1005	Collector: JG

Well Information

Monument condition	<u>Good / Needs repair</u>		
Well cap condition	<u>Good / Locked / Replaced / Needs replacement</u>		
Headspace reading	Not measured /	ppm	Odor <u>Y / N</u>
Elevation mark	<u>Yes / Added / Other</u>	Well diameter = 2-inch / 4-inch / 6-inch / <u>Other</u>	

Purge Data

Total well depth	29.70	ft	Top of screen	ft	bgs
Depth to product		ft	Water above screen	<u>Y / N</u>	
Depth to water	<u>7.29</u>	ft	Pump/Tubing Intake Depth		ft bgs
Casing volume	<u>22.41</u>	ft H ₂ O X	40	mL/foot =	<u>89.64</u> X 3 = <u>2690</u>

Purge Method

Pump type	<u>Peristaltic</u> Submersible / Bladder / Pneumatic / Other		
Purge tubing	<u>New LDPE</u> New Teflon / Other		
Purge start time	<u>0951</u>	Purge stop time	<u>0956</u>
Refill Timer Setting		Discharge Timer Setting	
		Purge rate	<u>30.554/m</u>
		Pressure Setting	

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/ml	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>250</u>	<u>63.3</u>	<u>0.337</u>	<u>1.22</u>	<u>7.55</u>	<u>0.2659</u>	<u>-20.3</u>	<u>Clear</u>
<u>750</u>	<u>62.9</u>	<u>0.354</u>	<u>1.10</u>	<u>7.54</u>	<u>0.2717</u>	<u>-18.6</u>	<u>"</u>
<u>1750</u>	<u>62.8</u>	<u>0.356</u>	<u>0.97</u>	<u>7.54</u>	<u>0.2717</u>	<u>-17.8</u>	<u>"</u>
<u>1750</u>	<u>62.6</u>	<u>0.352</u>	<u>0.90</u>	<u>7.53</u>	<u>0.2698</u>	<u>-17.4</u>	<u>"</u>
<u>2500</u>	<u>62.6</u>	<u>0.351</u>	<u>0.73</u>	<u>7.52</u>	<u>0.2691</u>	<u>-17.6</u>	<u>"</u>
<u>2750</u>	<u>62.</u>	<u>0.349</u>	<u>0.68</u>	<u>7.52</u>	<u>0.2679</u>	<u>-18.2</u>	

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
5	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
4	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	1Y / N
1	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/10/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 25 c3 <u>HWID-99</u>	Project name: Springfield
Sample no: MW - 25 c3 <u>MW-99</u>	Project no: 1176
Date: 10/12/2023 Sample Time: <u>0951/0953</u>	Collector: JG

Well Information

Monument condition <u>Good / Needs repair</u>	
Well cap condition <u>Good / Locked / Replaced / Needs replacement</u>	
Headspace reading <u>Not measured /</u> ppm	Odor <u>Y/N</u>
Elevation mark <u>Yes / Added / Other</u>	Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth <u>42.78</u> ft	Top of screen _____ ft bgs	
Depth to product _____ ft	Water above screen <u>Y/N</u>	
Depth to water <u>19.78</u> ft <u>7.45</u>	Pump/Tubing Intake Depth _____ ft bgs	
Casing volume <u>35.33</u> ft H ₂ O X <u>40</u> mL/foot = <u>1413</u> X 3 = <u>4239</u>		<u>4.32</u>

Purge Method

Pump type <u>Peristaltic</u> Submersible / Bladder / Pneumatic / Other		
Purge tubing <u>New LDPE</u> New Teflon / Other		
Purge start time <u>0941</u>	Purge stop time <u>0949</u>	Purge rate <u>20.56/min</u>
Refill Timer Setting _____	Discharge Timer Setting _____	Pressure Setting _____

Field Parameters

Meter used <u>QED / YSI / Hanna / Other</u>							
Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>1</u>	<u>62.8</u>	<u>0.366</u>	<u>0.97</u>	<u>7.62</u>	<u>0.2795</u>	<u>-22.5</u>	<u>Clear</u>
<u>2</u>	<u>62.7</u>	<u>0.365</u>	<u>0.76</u>	<u>7.61</u>	<u>0.2808</u>	<u>-22.5</u>	<u>"</u>
<u>3</u>	<u>62.3</u>	<u>0.364</u>	<u>0.60</u>	<u>7.59</u>	<u>0.2802</u>	<u>-21.1</u>	<u>"</u>
<u>4</u>	<u>62.3</u>	<u>0.364</u>	<u>0.51</u>	<u>7.58</u>	<u>0.2808</u>	<u>-20.8</u>	<u>"</u>
<u>403+</u>	<u>62.2</u>	<u>0.365</u>	<u>0.46</u>	<u>7.57</u>	<u>0.2815</u>	<u>-20.3</u>	

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
<u>3</u>	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature _____

Date: 10/12/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 25 c4	Project name: Springfield
Sample no: MW - 25 c4	Project no: 1176
Date: 10/ 10 /2023 Sample Time: 0948	Collector: JG

Well Information

Monument condition Good / Needs repair

Well cap condition Good / Locked / Replaced / Needs replacement

Headspace reading Not measured / ppm Odor Y N

Elevation mark Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth 59.79 ft Top of screen _____ ft bgs

Depth to product _____ ft Water above screen 0.1 N

Depth to water 8.57 ft Pump/Tubing Intake Depth _____ ft bgs

Casing volume 51.22 ft H₂O X 40 mL/foot = 2049 X 3 = 6144 6.25L

Purge Method

Pump type Peristaltic Submersible / Bladder / Pneumatic / Other

Purge tubing New LDPE New Teflon / Other

Purge start time 0927 Purge stop time 0937 Purge rate 30.625 L/m

Refill Timer Setting _____ Discharge Timer Setting _____ Pressure Setting _____

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL L	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
1	62.5	0.346	1.19	7.68	0.2691	-38.6	Clear
2	62.2	0.358	0.83	7.05	0.2760	-33.4	"
3	62.1	0.358	0.69	7.63	0.2763	-31.4	"
4	62.0	0.359	0.63	7.61	0.2789	-31.9	"
5	62.0	0.363	0.58	7.60	0.2808	-32.2	"
6.25L	62.0	0.363	0.58	7.59	0.2802	-32.6	"

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
5	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
4	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	1Y / N
1	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature _____

Date: 10/ 10 /2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 25 c5
 Sample no: MW - 25 c5
 Date: 10/12/2023 Sample Time: 0941

Project name: Springfield
 Project no: 1176
 Collector: JG

Well Information

Monument condition: Good / Needs repair
 Well cap condition: Good / Locked / Replaced / Needs replacement
 Headspace reading: Not measured / ppm Odor: Y/N
 Elevation mark: Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth: 72.24 ft
 Depth to product: _____ ft
 Depth to water: 8.58 ft
 Casing volume: 63.66 ft H₂O X 40 mL/foot = 2546 X 3 = 7639 7.7L

Purge Method

Pump type: Peristaltic Submersible / Bladder / Pneumatic / Other
 Purge tubing: New LDPE New Teflon / Other
 Purge start time: 0925 Purge stop time: 0939 Purge rate: 0.55 L/min
 Refill Timer Setting: _____ Discharge Timer Setting: _____ Pressure Setting: _____

Field Parameters

Meter used: QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
1	62.0	0.296	1.11	7.69	0.2307	-37.8	Clear
2	61.9	0.306	0.94	7.69	0.2379	-38.9	"
3	61.7	0.309	0.65	7.65	0.2392	-39.1	"
4	62.0	0.307	0.54	7.67	0.2392	-42.0	"
5	61.8	0.307	0.46	7.66	0.2392	-42.0	"
6	61.9	0.308	0.40	7.66	0.2358	-42.7	"
7	62.0	0.308	0.36	7.65	0.2396	-42.9	"
7.7	61.9	0.308	0.33	7.65	0.2386	-42.2	"

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/12/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 25 c6
 Sample no: MW - 25 c6
 Date: 10/12/2023 Sample Time: 0924

Project name: Springfield
 Project no: 1176
 Collector: JG

Well Information

Monument condition Good / Needs repair
 Well cap condition Good / Locked / Replaced / Needs replacement
 Headspace reading Not measured / ppm Odor YLN
 Elevation mark Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth 82.74 ft Top of screen _____ ft bgs
 Depth to product _____ ft Water above screen 0 / N
 Depth to water 8.54 ft Pump/Tubing Intake Depth _____ ft bgs
 Casing volume 73.90 ft H₂O X 40 mL/foot = 2956 X 3 = 8868 9L

Purge Method

Pump type Peristaltic / Submersible / Bladder / Pneumatic / Other
 Purge tubing New LDPE / New Teflon / Other
 Purge start time 0905 Purge stop time 0922 Purge rate 30.53 L/m
 Refill Timer Setting _____ Discharge Timer Setting _____ Pressure Setting _____

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>4</u>	<u>62.1</u>	<u>0.246</u>	<u>0.99</u>	<u>7.93</u>	<u>0.1917</u>	<u>-49.9</u>	<u>SL Turbidity 9.16 → Clear</u>
<u>1</u>	<u>62.0</u>	<u>0.251</u>	<u>0.80</u>	<u>7.82</u>	<u>0.1950</u>	<u>-51.1</u>	<u>Clear</u>
<u>2</u>	<u>61.9</u>	<u>0.252</u>	<u>0.69</u>	<u>7.81</u>	<u>0.1950</u>	<u>-51.9</u>	<u>"</u>
<u>3</u>	<u>61.9</u>	<u>0.253</u>	<u>0.56</u>	<u>7.78</u>	<u>0.1950</u>	<u>-52.1</u>	<u>"</u>
<u>4</u>	<u>61.9</u>	<u>0.252</u>	<u>0.49</u>	<u>7.78</u>	<u>0.1950</u>	<u>-52.4</u>	<u>"</u>
<u>5</u>	<u>61.7</u>	<u>0.251</u>	<u>0.41</u>	<u>7.77</u>	<u>0.1943</u>	<u>-51.9</u>	<u>"</u>
<u>6</u>	<u>61.7</u>	<u>0.250</u>	<u>0.33</u>	<u>7.76</u>	<u>0.1943</u>	<u>-52.4</u>	<u>"</u>
<u>7</u>	<u>61.7</u>	<u>0.250</u>	<u>0.28</u>	<u>7.75</u>	<u>0.1937</u>	<u>-51.0</u>	<u>"</u>
<u>8</u>	<u>61.7</u>	<u>0.249</u>	<u>0.24</u>	<u>7.74</u>	<u>0.1937</u>	<u>-52.1</u>	<u>"</u>
<u>9</u>							

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
<u>3</u>	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>
	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>
	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>
	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>
	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>

Comments:

Sampler's Signature _____

Date: 10/12/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 25 c7	Project name: Springfield
Sample no: MW - 25 c7	Project no: 1176
Date: 10/12/2023	Sample Time: 0904
	Collector: JG

Well Information

Monument condition	<u>Good</u> / Needs repair		
Well cap condition	<u>Good</u> / Locked / Replaced / Needs replacement		
Headspace reading	<u>Not measured</u> /	ppm	Odor <u>Y/N</u>
Elevation mark	<u>Yes</u> / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	107.50	ft	Top of screen	_____	ft bgs
Depth to product	_____	ft	Water above screen	<u>Y/N</u>	
Depth to water	<u>11.37</u>	ft	Pump/Tubing Intake Depth	_____	ft bgs
Casing volume	<u>96.13</u>	ft H ₂ O X	30	mL/foot =	<u>2883</u> X 3 = <u>8651</u>

Purge Method

Pump type	<u>Peristaltic</u> / Submersible / Bladder / Pneumatic / Other		
Purge tubing	<u>New LDPE</u> / New Teflon / Other		
Purge start time	<u>0834</u>	Purge stop time	<u>0902</u>
Refill Timer Setting	_____	Discharge Timer Setting	_____
		Pressure Setting	<u>50.254/m</u>

Field Parameters

Meter used	<u>QED / YSI / Hanna / Other</u>						
Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>1</u>	<u>62.2</u>	<u>0.225</u>	<u>0.47</u>	<u>7.71</u>	<u>0.1749</u>	<u>-76.8</u>	<u>Clear</u>
<u>2</u>	<u>61.9</u>	<u>0.221</u>	<u>0.38</u>	<u>7.77</u>	<u>0.1710</u>	<u>-91.3</u>	"
<u>3</u>	<u>61.8</u>	<u>0.220</u>	<u>0.35</u>	<u>7.80</u>	<u>0.1697</u>	<u>-92.9</u>	"
<u>4</u>	<u>61.9</u>	<u>0.219</u>	<u>0.33</u>	<u>7.82</u>	<u>0.1697</u>	<u>-97.5</u>	"
<u>5</u>	<u>61.8</u>	<u>0.218</u>	<u>0.29</u>	<u>7.85</u>	<u>0.1684</u>	<u>-94.4</u>	"
<u>6</u>	<u>61.8</u>	<u>0.218</u>	<u>0.25</u>	<u>7.87</u>	<u>0.1684</u>	<u>-99.2</u>	"
<u>7</u>	<u>61.7</u>	<u>0.217</u>	<u>0.21</u>	<u>7.89</u>	<u>0.1684</u>	<u>-102.4</u>	"
<u>8</u>	<u>61.8</u>	<u>0.217</u>	<u>0.19</u>	<u>7.91</u>	<u>0.1677</u>	<u>-101.6</u>	"
<u>8.75</u>	<u>61.8</u>	<u>0.215</u>	<u>0.17</u>	<u>7.92</u>	<u>0.1670</u>	<u>-97.6</u>	"

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
<u>3</u>	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y/N</u>
	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y/N</u>
	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y/N</u>
	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y/N</u>
	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y/N</u>

Comments:

Sampler's Signature _____

Date: 10/12/2023

PNG Environmental, Inc.

PNG Environmental, Inc.

Well ID no: MW - 26 c1		Project name: Springfield	
Sample no: MW - 26 c1		Project no: 1176	
Date: 10/12/2023 Sample Time: 1123		Collector: JG	

Well Information

Monument condition: Good / Needs repair
Well cap condition: Good / Locked & Replaced / Needs replacement
Headspace reading: Not measured / ppm Odor Y/N
Elevation mark: Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth _____ ft Top of screen _____ ft bgs
Depth to product _____ ft Water above screen Y/N
Depth to water 6.13 ft Pump/Tubing Intake Depth _____ ft bgs
Casing volume 8.95 ft H₂O X 40 mL/foot = 354 X 3 = 1062 gal

Purge Method

Pump type: Peristaltic / Submersible / Bladder / Pneumatic / Other
Purge tubing: New LDPE / New Teflon / Other
Purge start time 1117 Purge stop time 1120 Purge rate 2360 mL/min
Refill Timer Setting _____ Discharge Timer Setting _____ Pressure Setting _____

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
250	65.9	0.231	2.20	7.30	0.1703	-2.3	Clear
500	65.6	0.230	1.66	7.30	0.1690	-16.0	"
750	65.5	0.227	1.14	7.39	0.1690	-23.3	"
1100	65.4	0.226	0.97	7.44	0.1634	-29.6	"

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA Amber / Poly	HCL None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature _____ Date: 10/12/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 26 c3	Project name: Springfield
Sample no: MW - 26 c3	Project no: 1176
Date: 10/ 12 /2023	Sample Time: 1116
Collector: JG	

Well Information

Monument condition	Good / Needs repair		
Well cap condition	Good / Leaked / Replaced / Needs replacement		
Headspace reading	Not measured /	ppm	Odor <u>Y/N</u>
Elevation mark	Yes / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	45.00	ft	Top of screen	ft	bgs
Depth to product		ft	Water above screen	<u>Y/N</u>	
Depth to water	<u>6.92</u>	ft	Pump/Tubing Intake Depth		ft bgs
Casing volume	<u>38.05</u>	ft H ₂ O X	40	mL/foot =	<u>1523</u> X 3 = <u>4596</u>

4.66

Purge Method

Pump type	Peristaltic / Submersible / Bladder / Pneumatic / Other		
Purge tubing	New LDPE / New Teflon / Other		
Purge start time	<u>1107</u>	Purge stop time	<u>1114</u>
Refill Timer Setting		Discharge Timer Setting	
		Purge rate	<u>70.654/min</u>
		Pressure Setting	

Field Parameters

Meter used QED / YSI / Hanna / Other							
Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>4</u>							
<u>1</u>	<u>61.5</u>	<u>0.250</u>	<u>1.42</u>	<u>7.26</u>	<u>0.1950</u>	<u>-0.1</u>	<u>Clear</u>
<u>2</u>	<u>61.1</u>	<u>0.249</u>	<u>0.91</u>	<u>7.37</u>	<u>0.1950</u>	<u>-16.2</u>	<u>"</u>
<u>3</u>	<u>61.0</u>	<u>0.249</u>	<u>0.77</u>	<u>7.42</u>	<u>0.1950</u>	<u>-24.6</u>	<u>"</u>
<u>4</u>	<u>60.9</u>	<u>0.248</u>	<u>0.70</u>	<u>7.46</u>	<u>0.1950</u>	<u>-29.2</u>	<u>"</u>
<u>4.6</u>	<u>60.8</u>	<u>0.248</u>	<u>0.65</u>	<u>7.48</u>	<u>0.1950</u>	<u>-30.8</u>	<u>"</u>

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
<u>3</u>	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/ 12 /2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 26 c4	Project name: Springfield
Sample no: MW - 26 c4	Project no: 1176
Date: 10/ /2023 Sample Time: 1107	Collector: JG

Well Information

Monument condition Good / Needs repair

Well cap condition Good / Locked? / Replaced / Needs replacement

Headspace reading Not measured / ppm Odor Y

Elevation mark Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth 60.02 ft Top of screen _____ ft bgs

Depth to product _____ ft Water above screen 0 / N

Depth to water 7.36 ft Pump/Tubing Intake Depth _____ ft bgs

Casing volume 52.66 ft H₂O X 40 mL/foot = 2106 X 3 = 6319 6.4L

Purge Method

Pump type Peristaltic / Submersible / Bladder / Pneumatic / Other

Purge tubing New LDPE / New Teflon / Other

Purge start time 1053 Purge stop time 1104 Purge rate 0.634/m

Refill Timer Setting _____ Discharge Timer Setting _____ Pressure Setting _____

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL L	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
1	62.2	0.802	1.57	7.36	0.1534	-14.1	Clear
2	61.1	0.192	1.01	7.39	0.1495	-21.6	"
3	60.8	0.189	0.88	7.42	0.1482	-31.5	"
4	60.7	0.187	0.71	7.46	0.1469	-31.6	"
5	60.6	0.186	0.53	7.48	0.1463	-40.1	"
6	60.7	0.186	0.47	7.49	0.1463	-42.6	"
7	60.7	0.188	0.43	7.51	0.1451	-44.2	"

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/ 12 /2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 26 c5	Project name: Springfield
Sample no: MW - 26 c5	Project no: 1176
Date: 10/12/2023 Sample Time: 1052	Collector: JG

Well Information

Monument condition: Good / Needs repair

Well cap condition: Good / Locked / Replaced / Needs replacement

Headspace reading: Not measured / ppm Odor: Y/N

Elevation mark: Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth: 69.67 ft Top of screen: _____ ft bgs

Depth to product: _____ ft Water above screen: 81 N

Depth to water: 6.89 ft Pump/Tubing Intake Depth: _____ ft bgs

Casing volume: 62.73 ft H₂O X 40 mL/foot = 2511 X 3 = 7533 254L

Purge Method

Pump type: Peristaltic / Submersible / Bladder / Pneumatic / Other

Purge tubing: New LDPE / New Teflon / Other

Purge start time: 1018 Purge stop time: 1050 Purge rate: 20.25 L/min

Refill Timer Setting: _____ Discharge Timer Setting: _____ Pressure Setting: _____

Field Parameters

Meter used: QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>1</u>	<u>61.6</u>	<u>0.171</u>	<u>0.54</u>	<u>7.54</u>	<u>0.133</u>	<u>-41.4</u>	<u>Clear</u>
<u>2</u>	<u>61.8</u>	<u>0.173</u>	<u>0.50</u>	<u>7.56</u>	<u>0.133</u>	<u>-49.3</u>	"
<u>3</u>	<u>61.6</u>	<u>0.169</u>	<u>0.43</u>	<u>7.60</u>	<u>0.1313</u>	<u>-60.8</u>	"
<u>4</u>	<u>61.5</u>	<u>0.167</u>	<u>0.35</u>	<u>7.36</u>	<u>0.1313</u>	<u>-58.6</u>	"
<u>5</u>	<u>61.3</u>	<u>0.168</u>	<u>0.27</u>	<u>7.65</u>	<u>0.1313</u>	<u>-59.3</u>	"
<u>6</u>	<u>61.3</u>	<u>0.169</u>	<u>0.21</u>	<u>7.66</u>	<u>0.1307</u>	<u>-59.9</u>	"
<u>7</u>	<u>61.6</u>	<u>0.168</u>	<u>0.18</u>	<u>7.67</u>	<u>0.1300</u>	<u>-60.8</u>	"
<u>7.5L</u>	<u>61.8</u>	<u>0.168</u>	<u>0.19</u>	<u>7.67</u>	<u>0.1307</u>	<u>-57.6</u>	"

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
<u>3</u>	<u>VOA / Amber / Poly</u>	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>
	<u>VOA / Amber / Poly</u>	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>
	<u>VOA / Amber / Poly</u>	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>
	<u>VOA / Amber / Poly</u>	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>
	<u>VOA / Amber / Poly</u>	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>

Comments:

Sampler's Signature _____

Date: 10/12/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 27 c1	Project name: Springfield
Sample no: MW - 27 c1	Project no: 1176
Date: 10/13/2023 Sample Time: 1017	Collector: JG

Well Information

Monument condition	<u>Good / Needs repair</u>		
Well cap condition	<u>Good / Locked / Replaced / Needs replacement</u>		
Headspace reading	<u>Not measured /</u>	ppm	Odor <u>Y/N</u>
Elevation mark	<u>Yes / Added / Other</u>	Well diameter = 2-inch / 4-inch / 6-inch / <u>Other</u>	

Purge Data

Total well depth	14.33	ft	Top of screen	0	ft bgs
Depth to product		ft	Water above screen	Y/N	
Depth to water	6.30	ft	Pump/Tubing Intake Depth		ft bgs
Casing volume	9.03	ft H ₂ O X	40	mL/foot =	321 X 3 = 963

Purge Method

Pump type	<u>Peristaltic</u> Submersible / Bladder / Pneumatic / Other		
Purge tubing	<u>New LDPE /</u> New Teflon / Other		
Purge start time	1009	Purge stop time	1014
Refill Timer Setting		Discharge Timer Setting	
		Pressure Setting	

Field Parameters

Meter used	QED / <u>YSI</u> / Hanna / Other						
Gallons/min	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
100	64.4	0.141	2.78	7.61	0.1047	-43.7	clean
250	64.3	0.137	2.52	7.61	0.1014	-37.6	"
500	64.2	0.138	2.58	7.60	0.0975	-30.2	"
750	63.9	0.138	2.45	7.60	0.0962	-28.0	"
1000	63.9	0.127	2.34	7.59	0.0962	-27.2	

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/13/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 27 c3	Project name: Springfield
Sample no: MW - 27 c3	Project no: 1176
Date: 10/11/2023 Sample Time: 0911	Collector: JG

Well Information

Monument condition	<u>Good</u> / Needs repair		
Well cap condition	<u>Good</u> / Locked / Replaced / Needs replacement		
Headspace reading	Not measured /	ppm	Odor Y <u>N</u>
Elevation mark	<u>Yes</u> / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	44.16	ft	Top of screen	ft	bgs
Depth to product		ft	Water above screen	<u>0</u>	N
Depth to water	<u>7.63</u>	ft	Pump/Tubing Intake Depth		ft bgs
Casing volume	<u>36.53</u>	ft H ₂ O X	40	mL/foot =	<u>1461</u> X 3 = <u>4383</u> = <u>4.42</u>

Purge Method

Pump type	<u>Peristaltic</u> / Submersible / Bladder / Pneumatic / Other		
Purge tubing	<u>New LDPE</u> / New Teflon / Other		
Purge start time	<u>0652</u>	Purge stop time	<u>0900</u>
Refill Timer Setting		Discharge Timer Setting	
		Purge rate	<u>0.6254/min</u>
		Pressure Setting	

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL L	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>0.5</u>	<u>55.17</u>	<u>0.351</u>	<u>4.46</u>	<u>8.21</u>	<u>0.226</u>	<u>233.6</u>	<u>Clear</u>
<u>1</u>	<u>54.33</u>	<u>0.343</u>	<u>3.62</u>	<u>7.77</u>	<u>0.222</u>	<u>248.0</u>	<u>"</u>
<u>2</u>	<u>54.15</u>	<u>0.343</u>	<u>2.90</u>	<u>7.67</u>	<u>0.223</u>	<u>253.1</u>	<u>"</u>
<u>3</u>	<u>54.02</u>	<u>0.345</u>	<u>1.86</u>	<u>7.55</u>	<u>0.224</u>	<u>255.9</u>	<u>"</u>
<u>4</u>	<u>53.99</u>	<u>0.346</u>	<u>1.66</u>	<u>7.52</u>	<u>0.225</u>	<u>256.0</u>	<u>"</u>
<u>5</u>	<u>53.86</u>	<u>0.347</u>	<u>1.41</u>	<u>7.49</u>	<u>0.225</u>	<u>255.2</u>	<u>"</u>

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
5	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / <u>N</u>
4	<u>VOA</u> / Amber / Poly	<u>HCL</u> / <u>None</u> / <u>Nitric</u> / Sulfuric / Other	<u>1Y</u> / N
1	<u>VOA</u> / <u>Amber</u> / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / <u>N</u>
	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / N
	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature	Date: 10/11/2023
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GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 27 c4	Project name: Springfield
Sample no: MW - 27 c4	Project no: 1176
Date: 10/13/2023	Sample Time: 1007
	Collector: JG

Well Information

Monument condition	<u>Good</u> / Needs repair		
Well cap condition	<u>Good</u> / Locked / Replaced / Needs replacement		
Headspace reading	<u>Not measured</u> /	ppm	Odor <u>Y/N</u>
Elevation mark	<u>Yes</u> / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	59.24	ft	Top of screen	ft	bgs
Depth to product		ft	Water above screen	<u>0</u>	N
Depth to water	<u>7.84</u>	ft	Pump/Tubing Intake Depth		ft bgs
Casing volume	<u>51.40</u>	ft H ₂ O X	40	mL/foot =	<u>2056</u> X 3 = <u>6168</u> G.20

Purge Method

Pump type	<u>Peristaltic</u> / Submersible / Bladder / Pneumatic / Other		
Purge tubing	<u>New LDPE</u> / New Teflon / Other		
Purge start time	<u>0955</u>	Purge stop time	<u>1005</u>
Refill Timer Setting		Discharge Timer Setting	
		Purge rate	<u>70.625 L/min</u>
		Pressure Setting	

Field Parameters

Meter used <u>QED / YSI / Hanna / Other</u>							
Gallons/ml	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>1</u>	<u>66.0</u>	<u>0.188</u>	<u>1.01</u>	<u>7.61</u>	<u>0.1489</u>	<u>-51.5</u>	<u>Clear</u>
<u>2</u>	<u>59.5</u>	<u>0.187</u>	<u>0.71</u>	<u>7.61</u>	<u>0.1469</u>	<u>-52.7</u>	<u>"</u>
<u>3</u>	<u>59.4</u>	<u>0.184</u>	<u>1.42</u>	<u>7.61</u>	<u>0.1469</u>	<u>-53.4</u>	<u>"</u>
<u>4</u>	<u>59.4</u>	<u>0.184</u>	<u>1.09</u>	<u>7.61</u>	<u>0.1469</u>	<u>-52.6</u>	<u>"</u>
<u>5</u>	<u>59.4</u>	<u>0.184</u>	<u>0.93</u>	<u>7.61</u>	<u>0.1475</u>	<u>-52.6</u>	<u>"</u>
<u>0.25</u>	<u>59.3</u>	<u>0.184</u>	<u>0.68</u>	<u>7.61</u>	<u>0.1475</u>	<u>-52.8</u>	<u>"</u>

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
<u>3</u>	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/13/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 27 c7	Project name: Springfield
Sample no: MW - 27 c7	Project no: 1176
Date: 10/ 11 /2023 Sample Time: 0919	Collector: JG

Well Information

Monument condition	<u>Good / Needs repair</u>		
Well cap condition	<u>Good / Locked / Replaced / Needs replacement</u>		
Headspace reading	<u>Not measured /</u>	ppm	Odor <u>Y/N</u>
Elevation mark	<u>Yes / Added / Other</u>	Well diameter = 2-inch / 4-inch / 6-inch / <u>Other</u>	

Purge Data

Total well depth	116.50 ft	Top of screen	_____ ft bgs
Depth to product	_____ ft	Water above screen	<u>0.1 N</u>
Depth to water	<u>14.08</u> ft	Pump/Tubing Intake Depth	_____ ft bgs
Casing volume	<u>102.42</u> ft H ₂ O X	30 mL/foot =	<u>3072</u> X 3 = <u>9217</u>

9.25L

Purge Method

Pump type	<u>Peristaltic</u> / Submersible / Bladder / Pneumatic / Other		
Purge tubing	<u>New LDPE</u> / New Teflon / Other		
Purge start time	<u>0828</u>	Purge stop time	<u>0911</u>
Refill Timer Setting	_____	Discharge Timer Setting	_____
		Pressure Setting	<u>20.216/m</u>

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
1	60.2	0.205	0.79	7.64	0.1025	-40.6	Clear
2	59.5	0.193	0.52	7.67	0.1528	-76.1	"
3	59.3	0.191	0.46	7.74	0.1521	-94.0	"
4	59.3	0.191	0.39	7.76	0.1531	-95.4	"
5	59.2	0.193	0.33	7.80	0.1547	-95.6	"
6	59.1	0.194	0.26	7.83	0.1553	-97.3	"
7	59.0	0.194	0.22	7.85	0.1560	-100.7	"
8	58.6	0.194	0.20	7.87	0.1566	-98.6	"
9.25	58.8	0.193	0.22	7.88	0.1573	-98.9	"

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
5	VOA / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / <u>N</u>
4	VOA / Amber / Poly	<u>HCL</u> / <u>None</u> / <u>Nitric</u> / Sulfuric / Other	<u>1Y</u> / <u>N</u>
1	VOA / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / <u>N</u>
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / <u>N</u>
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / <u>N</u>

Comments:

Sampler's Signature _____

Date: 10/ 11 /2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 28 c4
 Sample no: MW - 28 c4
 Date: 10/16/2023 Sample Time: 0932

Project name: Springfield
 Project no: 1176
 Collector: JG

Well Information

Monument condition: Good / Needs repair
 Well cap condition: Good / Locked / Replaced / Needs replacement
 Headspace reading: Not measured / ppm Odor: Y/N
 Elevation mark: Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth: 59.74 ft Top of screen: _____ ft bgs
 Depth to product: _____ ft Water above screen: Y/N
 Depth to water: 10.99 ft Pump/Tubing Intake Depth: _____ ft bgs
 Casing volume: 48.75 ft H₂O X 40 mL/foot = 1950 X 3 = 5850 GL

Purge Method

Pump type: Peristaltic / Submersible / Bladder / Pneumatic / Other
 Purge tubing: New LDPE / New Teflon / Other
 Purge start time: 0841 Purge stop time: 0950 Purge rate: 20.54 L/M
 Refill Timer Setting: _____ Discharge Timer Setting: _____ Pressure Setting: _____

Field Parameters

Meter used	QED / YSI / Hanna / Other						Comments
Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	
①	58.1	0.187	0.89	7.64	0.1534	-33.0	Clear
2	57.9	0.189	0.55	7.63	0.1540	-33.8	"
3	57.8	0.192	0.44	7.62	0.1573	-33.3	"
4	57.2	0.193	0.42	7.62	0.1566	-34.4	"
5	57.8	0.193	0.41	7.62	0.1580	-34.7	"
6	57.8	0.194	0.39	7.61	0.1586	-35.1	"

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/16/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 28 c5	Project name: Springfield
Sample no: MW - 28 c5	Project no: 1176
Date: 10/16/2023 Sample Time: 0840	Collector: JG

Well Information

Monument condition: <u>Good</u> / Needs repair	
Well cap condition: <u>Good</u> / Locked / Replaced / Needs replacement	
Headspace reading: <u>Not measured</u> / ppm	Odor: <u>DN</u>
Elevation mark: <u>Yes</u> / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth: <u>70.73</u> ft	Top of screen: _____ ft bgs	
Depth to product: _____ ft	Water above screen: <u>DN</u>	
Depth to water: <u>11.07</u> ft	Pump/Tubing Intake Depth: _____ ft bgs	
Casing volume: <u>59.66</u> ft H ₂ O X	<u>40</u> mL/foot = <u>2388</u> X 3 = <u>7154</u>	7.2L

Purge Method

Pump type: <u>Peristaltic</u> / Submersible / Bladder / Pneumatic / Other		
Purge tubing: <u>New LDPE</u> / New Teflon / Other		
Purge start time: <u>0824</u>	Purge stop time: <u>0838</u>	Purge rate: <u>750 mL/min</u>
Refill Timer Setting: _____	Discharge Timer Setting: _____	Pressure Setting: _____

Field Parameters

Meter used: QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>1</u>	<u>59.7</u>	<u>0.133</u>	<u>0.59</u>	<u>7.70</u>	<u>0.1079</u>	<u>-49.5</u>	<u>Chlor</u>
<u>2</u>	<u>57.8</u>	<u>0.133</u>	<u>0.53</u>	<u>7.70</u>	<u>0.1079</u>	<u>-50.4</u>	"
<u>3</u>	<u>57.7</u>	<u>0.132</u>	<u>0.40</u>	<u>7.69</u>	<u>0.1085</u>	<u>-51.1</u>	"
<u>4</u>	<u>57.7</u>	<u>0.132</u>	<u>0.37</u>	<u>7.69</u>	<u>0.1079</u>	<u>-51.5</u>	"
<u>5</u>	<u>57.6</u>	<u>0.133</u>	<u>0.36</u>	<u>7.68</u>	<u>0.1079</u>	<u>-51.8</u>	"
<u>6</u>	<u>57.6</u>	<u>0.133</u>	<u>0.36</u>	<u>7.68</u>	<u>0.1092</u>	<u>-50.6</u>	"
<u>7.2</u>	<u>57.6</u>	<u>0.134</u>	<u>0.35</u>	<u>7.67</u>	<u>0.1092</u>	<u>-50.7</u>	"

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/19/2023

PNG Environmental, Inc.

[illegible]

PNG Environmental, Inc.

Well Information

Well cap condition Good / Locked / Replaced / Needs replacement

Headspace reading	Not measured	ppm	Odor	Y
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Elevation mark Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Total well depth 45.10 ft Top of screen _____ ft bgs

Depth to product _____ ft Water above screen Y/N

Depth to water 8.32 ft Pump/Tubing Intake Depth _____ ft bgs

Casing volume $\frac{36.78}{36.78}$ ft H₂O X $\frac{40}{40}$ mL/foot = $\frac{1417}{1417}$ X 6 = $\frac{8527}{8527}$ 9L

Pump type ☒ Peristaltic x 2 / ☐ Submersible / ☐ Bladder / ☐ Pneumatic / ☐ Other

Purge tubing	New LDPE / New Teflon / Other
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Purge start time 1053 Purge stop time 1103 Purge rate 2.16/m

Refill Timer Setting Discharge Timer Setting Pressure Setting

Meter used QED / YSI / Hanna / Other

Ferrous Iron (mg/L):	Total / Dissolved
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Sample Containers

Sample Containers			Filtered
Number	Type	Preservative	
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments: Purge adjacent channel simultaneously

Sampler's Signature

Date: 10/ 13 /2023

#36

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 30 c5	Project name: Springfield
Sample no: MW - 30 c5	Project no: 1176
Date: 10/13/2023 Sample Time: 1049	Collector: JG

Well Information

Monument condition	<u>Good</u> / Needs repair		
Well cap condition	<u>Good</u> / Locked / Replaced / Needs replacement		
Headspace reading	<u>Not measured</u> /	ppm	Odor <u>Y/N</u>
Elevation mark	<u>Yes</u> / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	59.15	ft	Top of screen	_____	ft bgs
Depth to product	_____	ft	Water above screen	<u>Y/N</u>	
Depth to water	<u>8.35</u>	ft	Pump/Tubing Intake Depth	_____	ft bgs
Casing volume	<u>58.8</u>	ft H ₂ O X	40	mL/foot = <u>2032</u>	X 6 = <u>12192</u> 12.2L

Purge Method

Pump type	<u>Peristaltic</u> x 2 / Submersible / Bladder / Pneumatic / Other		
Purge tubing	<u>New LDPE</u> / New Teflon / Other		
Purge start time	<u>1037</u>	Purge stop time	<u>1047</u>
Refill Timer Setting		Discharge Timer Setting	
		Purge rate	<u>21.24/m</u>
		Pressure Setting	

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>2</u>	<u>59.3</u>	<u>0.203</u>	<u>1.08</u>	<u>7.60</u>	<u>0.163</u>	<u>-37.0</u>	<u>10.12/12.2</u> → clear
<u>4</u>	<u>58.7</u>	<u>0.202</u>	<u>0.73</u>	<u>7.59</u>	<u>0.163</u>	<u>-42.2</u>	<u>clear</u>
<u>6</u>	<u>58.6</u>	<u>0.202</u>	<u>0.64</u>	<u>7.59</u>	<u>0.163</u>	<u>-44.5</u>	"
<u>8</u>	<u>58.5</u>	<u>0.202</u>	<u>0.60</u>	<u>7.59</u>	<u>0.163</u>	<u>-44.9</u>	"
<u>10</u>	<u>58.5</u>	<u>0.202</u>	<u>0.57</u>	<u>7.59</u>	<u>0.163</u>	<u>-45.7</u>	"
<u>12.25</u>	<u>58.5</u>	<u>0.202</u>	<u>0.52</u>	<u>7.59</u>	<u>0.163</u>	<u>-46.5</u>	

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments: Purge adjacent channel simultaneously

Sampler's Signature _____

Date: 10/13/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 31 c3	Project name: Springfield
Sample no: MW - 31 c3	Project no: 1176
Date: 10/13/2023 Sample Time: 0940	Collector: JG

Well Information

Monument condition	Good / Needs repair		
Well cap condition	Good / Locked / Replaced / Needs replacement		
Headspace reading	Not measured /	ppm	Odor ☒ N
Elevation mark	Yes / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	46.16	ft	Top of screen	_____	ft bgs
Depth to product	_____	ft	Water above screen	☒ N	
Depth to water	7.24	ft	Pump/Tubing Intake Depth	_____	ft bgs
Casing volume	39.22	ft H ₂ O X	40	mL/foot = 1568	X 6 = 9412 9.5L

Purge Method

Pump type	Peristaltic ☒ 2 / Submersible / Bladder / Pneumatic / Other		
Purge tubing	New LDPE / New Teflon / Other		
Purge start time	0939	Purge stop time	0938
Refill Timer Setting		Discharge Timer Setting	
		Purge rate	1 L/min
		Pressure Setting	

Field Parameters

Meter used	QED / YSI / Hanna / Other						
Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
2.1	62.9	0.279	1.06	7.60	0.213	-42.3	0.2125 Clear
4	62.8	0.275	0.65	7.60	0.213	-40.7	Clear
6	62.5	0.275	0.57	7.60	0.213	-42.0	"
8	62.3	0.273	0.48	7.60	0.2037	-43.3	"
9.5	62.2	0.271	0.43	7.60	0.2030	-44.5	

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments: Purge adjacent channel simultaneously

Sampler's Signature _____

Date: 10/13/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 31 c5	Project name: Springfield
Sample no: MW - 31 c5	Project no: 1176
Date: 10/ <u>13</u> /2023 Sample Time: <u>0928</u>	Collector: JG

Well Information

Monument condition	<u>Good</u> / Needs repair
Well cap condition	<u>Good</u> / Locked / Replaced / Needs replacement
Headspace reading	<u>Not measured</u> / ppm Odor <u>Y</u> / <u>N</u>
Elevation mark	<u>Yes</u> / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth	57.67	ft	Top of screen	ft	bgs
Depth to product		ft	Water above screen	<u>0</u>	N
Depth to water	<u>6.87</u>	ft	Pump/Tubing Intake Depth		ft bgs
Casing volume	<u>50.50</u>	ft H ₂ O X	40	mL/foot =	<u>2032</u> X 6 = <u>12192</u> 12252

Purge Method

Pump type	Peristaltic <u>X</u> / 2 / Submersible / Bladder / Pneumatic / Other
Purge tubing	New LDPE <u>X</u> / New Teflon / Other
Purge start time	<u>0913</u> Purge stop time <u>0936</u> Purge rate <u>20.944</u> m
Refill Timer Setting	Discharge Timer Setting Pressure Setting

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL L	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>7.4</u>	<u>62.4</u>	<u>0.312</u>	<u>1.03</u>	<u>7.61</u>	<u>0.2424</u>	<u>-41.9</u>	<u>Clear</u>
<u>7.4</u>	<u>62.5</u>	<u>0.323</u>	<u>0.52</u>	<u>7.60</u>	<u>0.2483</u>	<u>-43.5</u>	<u>"</u>
<u>5</u>	<u>62.4</u>	<u>0.324</u>	<u>0.45</u>	<u>7.60</u>	<u>0.2502</u>	<u>-46.8</u>	<u>"</u>
<u>6</u>	<u>62.2</u>	<u>0.325</u>	<u>0.42</u>	<u>7.60</u>	<u>0.2502</u>	<u>-49.6</u>	<u>"</u>
<u>8</u>	<u>61.9</u>	<u>0.323</u>	<u>0.40</u>	<u>7.60</u>	<u>0.2509</u>	<u>-47.0</u>	<u>"</u>
<u>10</u>	<u>62.0</u>	<u>0.324</u>	<u>0.36</u>	<u>7.61</u>	<u>0.2503</u>	<u>-46.1</u>	<u>"</u>
<u>12.25</u>	<u>62.0</u>	<u>0.323</u>	<u>0.34</u>	<u>7.61</u>	<u>0.2496</u>	<u>-46.7</u>	<u>"</u>

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments: Purge adjacent channel simultaneously

Sampler's Signature

Date: 10/ 13 /2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 32 c3	Project name: Springfield
Sample no: MW - 32 c3	Project no: 1176
Date: 10/13/2023 Sample Time: 0859	Collector: JG

Well Information

Monument condition	<u>Good</u> / Needs repair		
Well cap condition	<u>Good</u> / Locked / Replaced / Needs replacement		
Headspace reading	<u>Not measured</u> /	ppm	Odor <u>Y/N</u>
Elevation mark	<u>Yes</u> / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	44.71	ft	Top of screen	ft	bgs
Depth to product		ft	Water above screen	<u>Q/N</u>	
Depth to water	<u>7.07</u>	ft	Pump/Tubing Intake Depth		
Casing volume	<u>37.64</u>	ft H ₂ O X	40	mL/foot =	<u>1505</u> X 6 = <u>9033</u>

Purge Method

Pump type	<u>Peristaltic</u> x 2 / Submersible / Bladder / Pneumatic / Other		
Purge tubing	<u>New LDPE</u> / New Teflon / Other		
Purge start time	<u>0850</u>	Purge stop time	<u>0857</u>
Refill Timer Setting		Discharge Timer Setting	
		Purge rate	<u>31.34/m</u>
		Pressure Setting	

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>2</u>	<u>41.3</u>	<u>0.207</u>	<u>1.11</u>	<u>7.60</u>	<u>0.1612</u>	<u>-386</u>	<u>Chlor</u>
<u>4</u>	<u>41.0</u>	<u>0.208</u>	<u>0.68</u>	<u>7.61</u>	<u>0.1625</u>	<u>-434</u>	"
<u>6</u>	<u>60.9</u>	<u>0.209</u>	<u>0.57</u>	<u>7.61</u>	<u>0.1638</u>	<u>-45.2</u>	"
<u>8</u>	<u>41.0</u>	<u>0.210</u>	<u>0.58</u>	<u>7.61</u>	<u>0.1644</u>	<u>-46.5</u>	"
<u>9+</u>	<u>41.0</u>	<u>0.210</u>	<u>0.52</u>	<u>7.61</u>	<u>0.1644</u>	<u>-46.9</u>	"

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments: Purge adjacent channel simultaneously

Sampler's Signature

Date: 10/13/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 32 c5	Project name: Springfield
Sample no: MW - 32 c5	Project no: 1176
Date: 10/13/2023 Sample Time: 0846	Collector: JG

Well Information

Monument condition	Good / Needs repair
Well cap condition	Good / Locked / Replaced / Needs replacement
Headspace reading	Not measured / ppm Odor YIN
Elevation mark	Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth	59.69	ft	Top of screen	ft	bgs
Depth to product		ft	Water above screen	YIN	
Depth to water	60.98	ft	Pump/Tubing Intake Depth		ft bgs
Casing volume	52.71	ft H ₂ O X	40	mL/foot =	2108 X 6 = 12050 = 12.7L

Purge Method

Pump type	Peristaltic x 2 / Submersible / Bladder / Pneumatic / Other
Purge tubing	New LDPE / New Teflon / Other
Purge start time	0833
Purge stop time	0846
Purge rate	2.15L/min
Refill Timer Setting	Discharge Timer Setting
	Pressure Setting

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL L	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
1	61.2	0.273	0.98	7.60	0.2134	-44.9	Chlor
3	61.0	0.273	0.66	7.60	0.2132	-44.3	"
5	60.9	0.271	0.53	7.61	0.2132	-47.6	"
6	60.9	0.272	0.50	7.61	0.2125	-48.7	"
8	60.9	0.271	0.49	7.61	0.2125	-45.7	"
10	60.9	0.271	0.48	7.61	0.2125	-44.4	"
12.75	60.8	0.271	0.44	7.61	0.2125	-43.9	"

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments: Purge adjacent channel simultaneously

Sampler's Signature

Date: 10/12/2023

PNG Environmental, Inc.

Well Information

Purge Data

Purge Method

Field Parameters

Meter used QED / YSI / Hanna / Other

Ferrous Iron (mg/L):		Total / Dissolved
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Sample Containers

Comments:

Sampler's Signature

Date: 10/13/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 33 c2	Project name: Springfield
Sample no: MW - 33 c2	Project no: 1176
Date: 10/13/2023	Collector: JG
Sample Time: 1230	

Well Information

Monument condition: Good / Needs repair

Well cap condition: Good / Locked / Replaced / Needs replacement

Headspace reading: Not measured / ppm

Odor: Y/N

Elevation mark: Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth: 30.13 ft

Depth to product: 9.97 ft

Depth to water: 20.16 ft H₂O X

Casing volume: 20.16 ft H₂O X

Top of screen: _____ ft bgs

Water above screen: Y/N

Pump/Tubing Intake Depth: _____ ft bgs

40 mL/foot = 506 X 3 = 1518

2.5L

Purge Method

Pump type: Peristaltic Submersible / Bladder / Pneumatic / Other

Purge tubing: New LDPE New Teflon / Other

Purge start time: 1223 Purge stop time: 1258 Purge rate: 0.54/min

Refill Timer Setting: _____ Discharge Timer Setting: _____ Pressure Setting: _____

Field Parameters

Meter used: QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
0.5	60.0	0.242	1.91	7.42	0.1930	-14.8	Clear
1	59.2	0.241	1.57	7.42	0.1930	-13.1	"
1.5	59.0	0.241	1.21	7.41	0.1937	-12.9	"
2	58.9	0.241	1.15	7.41	0.1938	-12.2	"
2.5	58.7	0.244	1.06	7.40	0.1943	-12.3	"

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/13/2023

PNG Environmental, Inc.

PNG Environmental, Inc.				Project name: Springfield			
Well ID no: MW - 33 c3				Project no: 1176			
Sample no: MW - 33 c3				Collector: JG			
Date: 10/13/2023 Sample Time: 1223							
Well Information							
Monument condition		<u>Good / Needs repair</u>					
Well cap condition		<u>Good / Locked / Replaced / Needs replacement</u>					
Headspace reading		<u>Not measured /</u>		ppm		Odor <u>Y/N</u>	
Elevation mark		<u>Yes / Added / Other</u>		Well diameter = 2-inch / 4-inch / 6-inch / <u>Other</u>			
Purge Data							
Total well depth		<u>44.16</u> ft		Top of screen _____ ft bgs			
Depth to product		_____ ft		Water above screen <u>Y/N</u>			
Depth to water		<u>10.16</u> ft		Pump/Tubing Intake Depth _____ ft bgs			
Casing volume		<u>34</u> ft H ₂ O X		<u>40</u> mL/foot =		<u>1368</u> X 3 = <u>4080</u>	
Purge Method							
Pump type		<u>Peristaltic</u> Submersible / Bladder / Pneumatic / Other					
Purge tubing		<u>New LDPE</u> / New Teflon / Other					
Purge start time		<u>1211</u>		Purge stop time		<u>1221</u>	
Refill Timer Setting				Discharge Timer Setting		Pressure Setting	
Field Parameters							
Meter used		<u>QED / YSI / Hanna / Other</u>					
Gallons/mL <u>L</u>	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>0.5</u>	<u>59.2</u>	<u>0.249</u>	<u>1.82</u>	<u>7.09</u>	<u>0.202</u>	<u>70.5</u>	<u>Clean</u>
<u>1</u>	<u>58.9</u>	<u>0.250</u>	<u>1.36</u>	<u>7.14</u>	<u>0.2008</u>	<u>13.8</u>	<u>"</u>
<u>2</u>	<u>58.6</u>	<u>0.250</u>	<u>1.04</u>	<u>7.23</u>	<u>0.205</u>	<u>4.0</u>	<u>"</u>
<u>3</u>	<u>58.8</u>	<u>0.250</u>	<u>0.97</u>	<u>7.24</u>	<u>0.2021</u>	<u>-4.2</u>	<u>"</u>
<u>4.1</u>	<u>58.9</u>	<u>0.251</u>	<u>0.92</u>	<u>7.30</u>	<u>0.2021</u>	<u>-17.0</u>	<u>"</u>

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 33 c4	Project name: Springfield
Sample no: MW - 33 c4	Project no: 1176
Date: 10/13/2023	Sample Time: 1210
Collector: JG	

Well Information

Monument condition	Good / Needs repair
Well cap condition	Good / Locked / Replaced / Needs replacement
Headspace reading	Not measured / ppm
Elevation mark	Yes / Added / Other
Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	60.20	ft	Top of screen	ft	bgs
Depth to product		ft	Water above screen		ft
Depth to water	18.51	ft	Pump/Tubing Intake Depth		ft
Casing volume	49.69	ft H ₂ O X	40	mL/foot =	1987 X 3 = 5962

Purge Method

Pump type	Peristaltic / Submersible / Bladder / Pneumatic / Other
Purge tubing	New LDPE / New Teflon / Other
Purge start time	1158
Purge stop time	1208
Purge rate	600 mL/min
Refill Timer Setting	Discharge Timer Setting
Pressure Setting	

Field Parameters

Meter used	QED / YSI / Hanna / Other						
Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
1	61.4	0.221	1.29	7.19	0.1781	5.5	Clear
2	58.3	0.220	0.87	7.26	0.1781	-3.7	"
3	58.2	0.220	0.80	7.28	0.1781	-10.4	"
4	58.2	0.220	0.72	7.30	0.1787	-14.0	"
5	58.1	0.220	0.66	7.31	0.1781	-18.8	"
6	58.1	0.220	0.61	7.31	0.1781	-15.5	"

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/13/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 33 c5	Project name: Springfield
Sample no: MW - 33 c5	Project no: 1176
Date: 10/13/2023 Sample Time: 1156	Collector: JG

Well Information

Monument condition: <u>Good / Needs repair</u>	
Well cap condition: <u>Good / Locked / Replaced / Needs replacement</u>	
Headspace reading: <u>Not measured /</u>	ppm Odor Y/N <u>N</u>
Elevation mark: <u>Yes / Added / Other</u>	Well diameter = 2-inch / 4-inch / 6-inch / <u>Other</u>

Purge Data

Total well depth: <u>72.20</u> ft	Top of screen: _____ ft bgs
Depth to product: _____ ft	Water above screen: <u>Y/N</u>
Depth to water: <u>10.70</u> ft	Pump/Tubing Intake Depth: _____ ft bgs
Casing volume: <u>61.50</u> ft H ₂ O X <u>40</u> mL/foot = <u>2460</u> X 3 = <u>7380</u>	<u>7.5L</u>

Purge Method

Pump type: <u>Peristaltic</u>	Submersible / Bladder / Pneumatic / Other
Purge tubing: <u>New LDPE /</u>	New Teflon / Other
Purge start time: <u>1140</u>	Purge stop time: <u>1154</u> Purge rate: <u>±0.53L/min</u>
Refill Timer Setting: _____	Discharge Timer Setting: _____ Pressure Setting: _____

Field Parameters

Meter used: QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
1	59.1	0.223	1.01	7.01	0.1787	-38.1	Clear
2	58.6	0.222	0.69	7.58	0.1781	-37.7	"
3	58.4	0.221	0.56	7.57	0.1781	-37.2	"
4	58.3	0.220	0.52	7.56	0.1787	-36.1	"
5	58.1	0.219	0.50	7.55	0.1775	-37.8	"
6	58.0	0.218	0.45	7.54	0.1775	-36.3	"
7	58.0	0.217	0.41	7.53	0.1768	-34.6	"
7.5	58.0	0.217	0.39	7.53	0.1768	-36.4	"

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/13/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 34 c1	Project name: Springfield
Sample no: MW - 34 c1	Project no: 1176
Date: 10/12/2023	Sample Time: 1210
	Collector: JG

Well Information

Monument condition	<u>Good</u> / Needs repair		
Well cap condition	<u>Good</u> / Locked / Replaced / Needs replacement		
Headspace reading	<u>Not measured</u> /	ppm	Odor <u>Y/N</u>
Elevation mark	<u>Yes</u> / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	16.09	ft	Top of screen	_____	ft bgs
Depth to product		ft	Water above screen	<u>Y/N</u>	
Depth to water	<u>11.57</u>	ft	Pump/Tubing Intake Depth	_____	ft bgs
Casing volume	<u>4.52</u>	ft H ₂ O X	40	mL/foot = <u>180.8</u>	X 3 = <u>542 mL</u>

Purge Method

Pump type	<u>Peristaltic</u>	Submersible / Bladder / Pneumatic / Other
Purge tubing	<u>New LDPE</u> /	New Teflon / Other
Purge start time	<u>1205</u>	Purge stop time <u>1207</u> Purge rate <u>225 mL/min</u>
Refill Timer Setting		Discharge Timer Setting Pressure Setting

Field Parameters

Meter used	QED / <u>YSI</u> / Hanna / Other						
Gallons/ml	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>125</u>	<u>63.2</u>	<u>0.252</u>	<u>2.49</u>	<u>7.04</u>	<u>0.1917</u>	<u>46.2</u>	<u>Clear</u>
<u>250</u>	<u>63.6</u>	<u>0.255</u>	<u>1.88</u>	<u>7.05</u>	<u>0.1937</u>	<u>46.5</u>	<u>"</u>
<u>400+</u>	<u>63.8</u>	<u>0.258</u>	<u>1.61</u>	<u>7.06</u>	<u>0.1943</u>	<u>48.3</u>	<u>"</u>
<u>550+</u>	<u>63.8</u>	<u>0.258</u>	<u>1.46</u>	<u>7.08</u>	<u>0.1948</u>	<u>53.1</u>	<u>"</u>

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature	Date: 10/12/2023
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GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 34 c3	Project name: Springfield
Sample no: MW - 34 c3	Project no: 1176
Date: 10/12/2023 Sample Time: 1204	Collector: JG

Well Information

Monument condition	<u>Good</u> / Needs repair
Well cap condition	<u>Good</u> / Locked / Replaced / Needs replacement
Headspace reading	<u>Not measured</u> / ppm Odor <u>Y/N</u>
Elevation mark	<u>Yes</u> / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth	45.13	ft	Top of screen	_____	ft bgs
Depth to product	_____	ft	Water above screen	<u>Y/N</u>	
Depth to water	<u>10.92</u>	ft	Pump/Tubing Intake Depth	_____	ft bgs
Casing volume	<u>34.21</u>	ft H ₂ O X	40	mL/foot = <u>1368</u>	X 3 = <u>4105</u>

4.112

Purge Method

Pump type	<u>Peristaltic</u>	Submersible / Bladder / Pneumatic / Other
Purge tubing	<u>New LDPE</u>	New Teflon / Other
Purge start time	<u>1153</u>	Purge stop time <u>1202</u> Purge rate <u>0.454/min</u>
Refill Timer Setting	_____	Discharge Timer Setting _____ Pressure Setting _____

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL L	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>1</u>	<u>60.3</u>	<u>0.317</u>	<u>1.66</u>	<u>7.08</u>	<u>0.1724</u>	<u>18.1</u>	<u>Clear</u>
<u>2</u>	<u>60.1</u>	<u>0.318</u>	<u>0.92</u>	<u>7.15</u>	<u>0.1729</u>	<u>0.8</u>	<u>"</u>
<u>3</u>	<u>59.9</u>	<u>0.317</u>	<u>0.57</u>	<u>7.20</u>	<u>0.1722</u>	<u>-7.7</u>	<u>"</u>
<u>4.1</u>	<u>59.9</u>	<u>0.315</u>	<u>0.46</u>	<u>7.21</u>	<u>0.1710</u>	<u>-10.5</u>	<u>"</u>

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
<u>3</u>	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y / N</u>
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/12/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 34 c4	Project name: Springfield
Sample no: MW - 34 c4	Project no: 1176
Date: 10/10/2023	Sample Time: 1243
	Collector: JG

Well Information

Monument condition	<u>Good</u> / Needs repair		
Well cap condition	<u>Good</u> / Locked / Replaced / Needs replacement		
Headspace reading	Not measured /	ppm	Odor <u>Y/N</u>
Elevation mark	<u>Yes</u> / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	61.16	ft	Top of screen	ft	bgs
Depth to product		ft	Water above screen	<u>0</u>	N
Depth to water	<u>10.98</u>	ft	Pump/Tubing Intake Depth		ft bgs
Casing volume	<u>50.18</u>	ft H ₂ O X	40	mL/foot =	<u>2007</u> X 3 = <u>6021</u>

Purge Method

Pump type	<u>Peristaltic</u> / Submersible / Bladder / Pneumatic / Other		
Purge tubing	<u>New LDPE</u> / New Teflon / Other		
Purge start time	<u>1222</u>	Purge stop time	<u>1233</u>
Refill Timer Setting		Discharge Timer Setting	
		Purge rate	<u>20.56 L/M</u>
		Pressure Setting	

Field Parameters

Meter used	QED / YSI / Hanna / Other						
Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>1</u>	<u>59.5</u>	<u>0.187</u>	<u>1.10</u>	<u>7.52</u>	<u>0.1489</u>	<u>-48.3</u>	<u>CL</u>
<u>2</u>	<u>59.5</u>	<u>0.187</u>	<u>0.67</u>	<u>7.53</u>	<u>0.1485</u>	<u>-48.9</u>	"
<u>3</u>	<u>59.3</u>	<u>0.186</u>	<u>0.62</u>	<u>7.53</u>	<u>0.1489</u>	<u>-51.0</u>	"
<u>4</u>	<u>59.3</u>	<u>0.187</u>	<u>0.58</u>	<u>7.54</u>	<u>0.1485</u>	<u>-54.2</u>	"
<u>5</u>	<u>59.2</u>	<u>0.186</u>	<u>0.53</u>	<u>7.54</u>	<u>0.1495</u>	<u>-53.4</u>	"
<u>6</u>	<u>59.2</u>	<u>0.187</u>	<u>0.50</u>	<u>7.55</u>	<u>0.1485</u>	<u>-53.4</u>	"

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
5	VOA / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y</u> / <u>N</u>
4	VOA / Amber / Poly	<u>HCL</u> / <u>None</u> / Nitric / Sulfuric / Other	<u>1Y</u> / <u>N</u>
1	VOA / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y</u> / <u>N</u>
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature	Date: 10/10/2023
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GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 34 c5	Project name: Springfield
Sample no: MW - 34 c5	Project no: 1176
Date: 10/12/2023 Sample Time: 1152	Collector: JG

Well Information

Monument condition: Good / Needs repair

Well cap condition: Good / Locked / Replaced / Needs replacement

Headspace reading: Not measured / ppm Odor Y/N

Elevation mark: Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth: 73.07 ft Top of screen: _____ ft bgs

Depth to product: _____ ft Water above screen: 0 ft

Depth to water: 11.34 ft Pump/Tubing Intake Depth: _____ ft bgs

Casing volume: 61.73 ft H₂O X 40 mL/foot = 2469 X 3 = 7407 7.4 x 10³

Purge Method

Pump type: Peristaltic / Submersible / Bladder / Pneumatic / Other

Purge tubing: New LDPE / New Teflon / Other

Purge start time: 1136 Purge stop time: 1150 Purge rate: 50.324/min

Refill Timer Setting: _____ Discharge Timer Setting: _____ Pressure Setting: _____

Field Parameters

Meter used: QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
1	60.7	0.168	1.30	6.41	0.1248	90.2	Clear
2	59.8	0.151	1.43	6.72	0.1203	35.0	"
3	59.8	0.151	1.07	7.30	0.1196	-51.0	"
4	59.6	0.149	0.98	7.31	0.1196	-32.6	"
5	59.5	0.150	0.80	7.29	0.1193	-29.8	"
6	59.6	0.149	0.65	7.26	0.1190	-28.6	"
7	59.6	0.150	0.54	7.26	0.1190	-26.4	"
7.5	59.6	0.149	0.52	7.27	0.1190	-26.6	"

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/12/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 35i	Project name: Springfield
Sample no: MW - 35i	Project no: 1176
Date: 10/ 1 / 2023 Sample Time: 1250	Collector: JG

Well Information

Monument condition	Good / Needs repair		
Well cap condition	Good / Locked / Replaced / Needs replacement		
Headspace reading	Not measured /	ppm	Odor Y / ☒ N
Elevation mark	Yes / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	55.12	ft	Top of screen	40.52	ft	to c
Depth to product		ft	Water above screen	☒ Y / ☒ N		
Depth to water	8.64	ft	Pump/Tubing Intake Depth	248	ft	bgs
Casing volume	46.48	ft H ₂ O X	gpf = X 3 =			
Casing volumes (GPF)	3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47					

Purge Method

Pump type	☒ Peristaltic ☐ Submersible / ☐ Bladder / ☐ Pneumatic / ☐ Other	
Purge tubing	☒ New LDPE / ☐ New Teflon / ☐ Other	
Purge start time	1217	Purge stop time 1237 Purge rate 100 ml/min
Refill Timer Setting		Discharge Timer Setting Pressure Setting

Gallons (ml)	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
250	59.5	0.261	1.11	7.62	0.2080	-27.1	Clear
500	59.6	0.262	0.89	7.61	0.2093	-25.7	"
750	59.9	0.264	0.67	7.59	0.2100	-24.4	"
1000	60.0	0.266	0.63	7.57	0.2106	-24.3	"
1250	60.0	0.267	0.60	7.56	0.2119	-24.3	"
1500	59.9	0.267	0.54	7.55	0.2125	-24.8	"
1750	59.8	0.267	0.52	7.55	0.2125	-23.8	"
2000	59.7	0.266	0.49	7.54	0.2119	-25.3	"

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
5	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / ☒ N
4	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	1Y / ☒ N
1	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / ☒ N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / ☒ N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / ☒ N

Comments:

Sampler's Signature	Date: 10/ 1 / 2023

PNG Environmental, Inc.

PNG Environmental, Inc.							
Well ID no: MW - 36s		Project name: Springfield					
Sample no: MW - 36s		Project no: 1176					
Date: 10/18/2023	Sample Time: 0823	Collector: JG					
Well Information							
Monument condition		Good / Needs repair					
Well cap condition		Good / Locked / Replaced / Needs replacement					
Headspace reading		Not measured /	ppm	Odor N			
Elevation mark	Yes / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other					
Purge Data							
Total well depth	45.33 ft	Top of screen 30.73 ft toc					
Depth to product		Water above screen 0/N					
Depth to water	9.63 ft	Pump/Tubing Intake Depth _____ ft bgs					
Casing volume	35.65 ft H ₂ O X	gpf = _____ X 3 = _____					
Casing volumes (GPF)	3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47						
Sample Collection Method		Passive Diffusion Bag PDB Replaced ☒ Y / ☐ N PDB Depth = 38.0 ft below TOC					
Field Parameters							
Meter used	QED / YSI / Hanna / Other						
Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
Ferrous Iron (mg/L):		Total / Dissolved					
Sample Containers							
Number	Type	Preservative				Filtered	
3	VOA Amber / Poly	HCL None / Nitric / Sulfuric / Other				Y / N	
	VOA Amber / Poly	HCL None / Nitric / Sulfuric / Other				Y / N	
	VOA Amber / Poly	HCL None / Nitric / Sulfuric / Other				Y / N	
	VOA Amber / Poly	HCL None / Nitric / Sulfuric / Other				Y / N	
	VOA Amber / Poly	HCL None / Nitric / Sulfuric / Other				Y / N	
Comments:							
Sampler's Signature					Date: 10/18/2023		

PNG Environmental, Inc.

[illegible]

PNG Environmental, Inc.

Project name: Springfield
Project no: 1176
Collector: JG

Monument condition Good / Needs repair
Well cap condition Good / Locked / Replaced / Needs replacement
Headspace reading Not measured / ppm Odor YIN
Elevation mark Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth	<u>15.16</u>	ft	Top of screen	<u> </u>
Depth to product	<u> </u>	ft	Water above screen	<u>0.1</u> IN
Depth to water	<u>9.05</u>	ft	Pump/Tubing Intake Depth	<u> </u> ft bgs
Casing volume	<u>6.11</u>	ft H ₂ O X	<u>40</u> mL/foot = <u>244</u> X 3 = <u>733</u>	

Pump type	Peristaltic	Submersible / Diaphragm / Other	
Purge tubing	New LDPE /	New Teflon / Other	
Purge start time	1004	Purge stop time	1008
Refill Timer Setting		Discharge Timer Setting	
		Purge rate	200 ml/min
		Pressure Setting	

[illegible]

Ferrous Iron (mg/L):	Total / Dissolved
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Sample Containers

Sample Containers			Filtered
Number	Type	Preservative	
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/14/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 37 c3
Sample no: MW - 37 c3
Date: 10/16/2023 Sample Time: 1003

Project name: Springfield
Project no: 1176
Collector: JG

Well Information

Monument condition Good / Needs repair
Well cap condition Good / Locked / Replaced / Needs replacement
Headspace reading Not measured / ppm Odor Y/N
Elevation mark Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth 45.30 ft Top of screen _____ ft bgs
Depth to product _____ ft Water above screen Y/N
Depth to water 10.77 ft Pump/Tubing Intake Depth _____ ft bgs
Casing volume 34.53 ft H₂O X 40 mL/foot = 1381 X 3 = 4143 4.25L

Purge Method

Pump type Peristaltic Submersible / Bladder / Pneumatic / Other
Purge tubing New LDPE New Teflon / Other
Purge start time 0953 Purge stop time 1001 Purge rate ~490 mL/min
Refill Timer Setting _____ Discharge Timer Setting _____ Pressure Setting _____

Field Parameters

Meter used	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
QED / YSI / Hanna / Other							
Gallons/mL							
<u>1</u>	<u>59.1</u>	<u>0.221</u>	<u>1.30</u>	<u>7.56</u>	<u>0.1731</u>	<u>-29.2</u>	<u>Clear</u>
<u>2</u>	<u>59.9</u>	<u>0.223</u>	<u>0.69</u>	<u>7.56</u>	<u>0.1801</u>	<u>-33.3</u>	<u>"</u>
<u>3</u>	<u>58.8</u>	<u>0.223</u>	<u>0.63</u>	<u>7.56</u>	<u>0.1801</u>	<u>-34.1</u>	<u>"</u>
<u>4</u>	<u>58.8</u>	<u>0.223</u>	<u>0.56</u>	<u>7.57</u>	<u>0.1801</u>	<u>-34.9</u>	<u>"</u>
<u>4.25</u>	<u>58.8</u>	<u>0.223</u>	<u>0.55</u>	<u>7.57</u>	<u>0.1794</u>	<u>-35.0</u>	<u>"</u>

Ferrous Iron (mg/L):

Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/16/2023

PNG Environmental, Inc.

PNG Environmental, Inc.				Project name: Springfield			
Well ID no: MW - 37 c4				Project no: 1176			
Sample no: MW - 37 c4				Collector: JG			
Date: 10/16/2023 Sample Time: 0952							

Well Information							
Monument condition		<u>Good / Needs repair</u>					
Well cap condition		<u>Good / Locked / Replaced / Needs replacement</u>					
Headspace reading		<u>Not measured /</u>		ppm		Odor Y <u>(N)</u>	
Elevation mark		<u>Yes / Added / Other</u>		Well diameter = 2-inch / 4-inch / 6-inch / <u>Other</u>			

Purge Data							
Total well depth	<u>58.32</u>	ft	Top of screen		ft bgs		
Depth to product		ft	Water above screen	<u>0</u>	IN		
Depth to water	<u>11.39</u>	ft	Pump/Tubing Intake Depth		ft bgs		
Casing volume	<u>46.93</u>	ft H ₂ O X	<u>40</u>	mL/foot =	<u>1877</u>	X 3 =	<u>5631</u>

Purge Method							
Pump type		<u>Peristaltic</u> Submersible / Bladder / Pneumatic / Other					
Purge tubing		<u>New LDPE /</u> New Teflon / Other					
Purge start time		<u>0940</u>	Purge stop time		<u>0950</u>	Purge rate <u>575 mL/min</u>	
Refill Timer Setting			Discharge Timer Setting			Pressure Setting	

Field Parameters							
Meter used		<u>QED / YSI / Hanna / Other</u>					
Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>①</u>							
<u>1</u>	<u>59.3</u>	<u>0.218</u>	<u>1.26</u>	<u>7.56</u>	<u>0.1742</u>	<u>-21.5</u>	<u>Clear</u>
<u>2</u>	<u>59.0</u>	<u>0.217</u>	<u>0.75</u>	<u>7.56</u>	<u>0.1735</u>	<u>-29.2</u>	<u>"</u>
<u>3</u>	<u>58.9</u>	<u>0.216</u>	<u>0.69</u>	<u>7.56</u>	<u>0.1735</u>	<u>-30.5</u>	<u>"</u>
<u>4</u>	<u>58.9</u>	<u>0.216</u>	<u>0.62</u>	<u>7.56</u>	<u>0.1735</u>	<u>-31.9</u>	<u>"</u>
<u>5</u>	<u>58.8</u>	<u>0.216</u>	<u>0.60</u>	<u>7.56</u>	<u>0.1735</u>	<u>-31.7</u>	<u>"</u>
<u>5.75</u>	<u>58.8</u>	<u>0.215</u>	<u>0.57</u>	<u>7.56</u>	<u>0.1735</u>	<u>-33.2</u>	<u>"</u>

Ferrous Iron (mg/L):		Total / Dissolved	
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Sample Containers			
Number	Type	Preservative	Filtered
<u>3</u>	<u>VOA / Amber / Poly</u>	<u>HCL</u> None / Nitric / Sulfuric / Other	Y / N
	<u>VOA / Amber / Poly</u>	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / N
	<u>VOA / Amber / Poly</u>	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / N
	<u>VOA / Amber / Poly</u>	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / N
	<u>VOA / Amber / Poly</u>	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / N

Comments:	

Sampler's Signature	Date: 10/16/2023
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GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 38 c1	Project name: Springfield
Sample no: MW - 38 c1	Project no: 1176
Date: 10/ 16 /2023 Sample Time: 1057	Collector: JG

Well Information

Monument condition: Good / Needs repair

Well cap condition: Good / Locked / Replaced / Needs replacement

Headspace reading: Not measured / ppm Odor Y/N

Elevation mark: Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth	14.49	ft	Top of screen	ft	bgs
Depth to product		ft	Water above screen	<u>Y/N</u>	
Depth to water	<u>10.34</u>	ft	Pump/Tubing Intake Depth		ft bgs
Casing volume	<u>4.15</u>	ft H ₂ O X	40	mL/foot =	<u>166</u> X 3 = <u>498</u> 500 mL

Purge Method

Pump type: Peristaltic / Submersible / Bladder / Pneumatic / Other

Purge tubing: New LDPE / New Teflon / Other

Purge start time: 1053 Purge stop time: 1055 Purge rate: 2 166 mL/min

Refill Timer Setting: Discharge Timer Setting: Pressure Setting:

Field Parameters

Meter used: <u>QED / YSI / Hanna / Other</u>							
Gallons (ml)	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>200</u>	<u>57.0</u>	<u>0.180</u>	<u>2.97</u>	<u>7.61</u>	<u>0.1489</u>	<u>-20.1</u>	<u>Clear</u>
<u>300</u>	<u>57.0</u>	<u>0.182</u>	<u>2.89</u>	<u>7.60</u>	<u>0.1508</u>	<u>-9.4</u>	<u>"</u>
<u>400</u>	<u>57.0</u>	<u>0.184</u>	<u>2.36</u>	<u>7.59</u>	<u>0.1521</u>	<u>-4.8</u>	<u>"</u>
<u>500+</u>	<u>57.1</u>	<u>0.185</u>	<u>2.06</u>	<u>7.59</u>	<u>0.1528</u>	<u>-0.1</u>	<u>"</u>

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/ 16 /2023

PNG Environmental, Inc.

Well Information

Purge Data

Casing volume $\frac{77.81}{33.33}$ ft H₂O X $\frac{40}{1}$ mL/foot = $\frac{1333}{1}$ X 3 = $\frac{3999}{1}$

Purge Method

Refill Timer Setting _____ Discharge Timer Setting _____ Pressure Setting _____

Field Parameters

Meter used QED / YSI / Hanna / Other

Ferrous Iron (mg/L):	Total / Dissolved
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Sample Containers

Comments: 1036 Pungnet clay, alluvial PLG - 7 layers collection

Date: 10/16/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW - 38 c4	Project name: Springfield
Sample no: MW - 38 c4	Project no: 1176
Date: 10/ 16 /2023 Sample Time: 1051	Collector: JG

Well Information

Monument condition	<u>Good</u> / Needs repair		
Well cap condition	<u>Good</u> / Locked / Replaced / Needs replacement		
Headspace reading	<u>Not measured</u> /	ppm	Odor Y <u>N</u>
Elevation mark	<u>Yes</u> / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	57.66	ft	Top of screen	_____	ft bgs
Depth to product	_____	ft	Water above screen	<u>0</u>	N
Depth to water	<u>11.35</u>	ft	Pump/Tubing Intake Depth	_____	ft bgs
Casing volume	<u>4631</u>	ft H ₂ O X	40	mL/foot =	<u>1852</u> X 3 = <u>5557</u> 5.46

Purge Method

Pump type	☒ Peristaltic ☐ Submersible / ☐ Bladder / ☐ Pneumatic / ☐ Other		
Purge tubing	☒ New LDPE / ☐ New Teflon / ☐ Other		
Purge start time	<u>1039</u>	Purge stop time	<u>1049</u>
Refill Timer Setting	_____	Discharge Timer Setting	_____
		Purge rate	<u>2560.42 / m</u>
		Pressure Setting	_____

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>1</u>	<u>56.7</u>	<u>0.145</u>	<u>0.98</u>	<u>7.65</u>	<u>0.1196</u>	<u>-43.2</u>	<u>Chlor</u>
<u>2</u>	<u>56.7</u>	<u>0.141</u>	<u>0.68</u>	<u>7.05</u>	<u>0.1178</u>	<u>-48.5</u>	"
<u>3</u>	<u>56.7</u>	<u>0.148</u>	<u>0.57</u>	<u>7.65</u>	<u>0.1157</u>	<u>-49.9</u>	"
<u>4</u>	<u>56.6</u>	<u>0.139</u>	<u>0.51</u>	<u>7.65</u>	<u>0.1151</u>	<u>-50.6</u>	"
<u>5</u>	<u>56.6</u>	<u>0.139</u>	<u>0.49</u>	<u>7.65</u>	<u>0.1151</u>	<u>-50.8</u>	"
<u>5.6</u>	<u>56.6</u>	<u>0.139</u>	<u>0.47</u>	<u>7.45</u>	<u>0.1151</u>	<u>-50.7</u>	

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/ 16 /2023

PNG Environmental, Inc.

[illegible]

PNG Environmental, Inc.

Well ID no: MW-39i						Project name: Springfield	
Sample no: MW-39i						Project no: 1176	
Date: 10/18/2023 Sample Time: 0902						Collector: JG	
Well Information							
Monument condition Good / Needs repair						LC-LMP 3/3 OK	
Well cap condition Good / Locked / Replaced / Needs replacement							
Headspace reading Not measured / ppm						Odor Y/N	
Elevation mark Yes / Added / Other						Well diameter = 2-inch / 4-inch / 6-inch / Other	
Purge Data							
Total well depth 59.86 ft						Top of screen 39.9 ft toc	
Depth to product _____ ft						Water above screen Y/N	
Depth to water 6.06 ft						Pump/Tubing Intake Depth _____ ft bgs	
Casing volume 53.8 ft H ₂ O X						gpf = _____ X 3 = _____	
Casing volumes (GPF) 3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47							
Sample Collection Method				Passive Diffusion Bag PDB Replaced [Y]N PDB Depth = 48.9 ft below TOC			
Field Parameters							
Meter used	QED / YSI / Hanna / Other						
Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
Ferrous Iron (mg/L): Total / Dissolved							
Sample Containers							
Number	Type	Preservative					Filtered
3	[VOA] / Amber / Poly	[HCL] None / Nitric / Sulfuric / Other					Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other					Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other					Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other					Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other					Y / N
Comments:							
Sampler's Signature							
Date: 10/18/2023							

PNG Environmental, Inc.

Well ID no: MW-39d				Project name: Springfield			
Sample no: MW-39d				Project no: 1176			
Date: 10/18/2023 Sample Time: 0910				Collector: JG			
Well Information							
Monument condition	<u>Good / Needs repair</u> <u>N-top 3/3 OK</u>						
Well cap condition	<u>Good / Locked / Replaced / Needs replacement</u>						
Headspace reading	<u>Not measured /</u>			ppm		Odor Y/N <u>N</u>	
Elevation mark	<u>Yes / Added / Other</u>			Well diameter = <u>2-inch</u> / 4-inch / 6-inch / Other			
Purge Data							
Total well depth	<u>106.79</u> ft			Top of screen <u>96.8</u> ft bgs			
Depth to product	_____ ft			Water above screen <u>OK</u>			
Depth to water	<u>6.22</u> ft			Pump/Tubing Intake Depth _____ ft bgs			
Casing volume	<u>100.5</u> ft H ₂ O X			gpf =		X 3 =	
Casing volumes (GPF)	3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47						
Sample Collection Method				Passive Diffusion Bag			
				PDB Replaced <u>Y</u> /N PDB Depth = 100.8 ft below TOC			
Field Parameters							
Meter used		QED / YSI / Hanna / Other					
Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
Ferrous Iron (mg/L):			Total / Dissolved				
Sample Containers							
Number	Type	Preservative				Filtered	
3	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other				Y / N	
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other				Y / N	
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other				Y / N	
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other				Y / N	
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other				Y / N	
Comments:							
Sampler's Signature				Date: 10/18/2023			

Date: 10/15/2023

PNG Environmental, Inc.

Well ID no: MW-41i		Project name: Springfield
Sample no: MW-41i		Project no: 1176
Date: 10/18/2023	Sample Time: 0946	Collector: JG

Well Information

Monument condition: (Good) / Needs repair

Well cap condition: (Good) / Locked / Replaced / Needs replacement

Headspace reading: Not measured / ppm Odor: Y/N

Elevation mark: (Yes) / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth: 60.07 ft Top of screen: 40.1 ft toc

Depth to product: _____ ft Water above screen: N

Depth to water: 61.72 ft Pump/Tubing Intake Depth: _____ ft bgs

Casing volume: 53.35 ft H₂O X _____ gpf = _____ X 3 = _____

Casing volumes (GPF): 3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47

Sample Collection Method Passive Diffusion Bag
PDB Replaced (Y)/N PDB Depth = 49.1 ft below TOC

PNG Environmental, Inc.

Well ID no: MW-41d		Project name: Springfield	
Sample no: MW-41d		Project no: 1176	
Date: 10/18/2023	Sample Time: 0951	Collector: JG	

Well Information
Monument condition: (Good) / Needs repair
Well cap condition: (Good) / Locked / Replaced / Needs replacement
Headspace reading: (Not measured) ppm Odor: (Y/N)
Elevation mark: (Yes) / Added / Other Well diameter = (2-inch) / 4-inch / 6-inch / Other

Purge Data
Total well depth: 95.55 ft Top of screen: 85.6 ft bgs
Depth to product: _____ ft Water above screen: (Y/N)
Depth to water: 8.00 ft Pump/Tubing Intake Depth: _____ ft bgs
Casing volume: 87.55 ft H₂O X _____ gpf = _____ X 3 = _____
Casing volumes (GPF) 3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47

Sample Collection Method Passive Diffusion Bag
PDB Replaced (Y/N) PDB Depth = 89.6 ft below TOC

Field Parameters
Meter used: QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments

Ferrous Iron (mg/L): _____ Total / Dissolved _____

Sample Containers

Number	Type	Preservative	Filtered
3	<u>(VOA)</u> / Amber / Poly	<u>(HCL)</u> / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature _____
Date: 10/18/2023

PNG Environmental, Inc.

PNG Environmental, Inc.

[illegible]

PNG Environmental, Inc.

Well ID no: MW-43s		Project name: Springfield
Sample no: MW-43s		Project no: 1176
Date: 10/19/2023	Sample Time: 1309	Collector: JG

Well Information

Monument condition: Good / Needs repair

Well cap condition: Good / Locked / Replaced / Needs replacement

Headspace reading: Not measured / ppm _____ Odor Y ☒ N

Elevation mark: Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth: 15.66 ft Top of screen: 5.7 ft bgs

Depth to product: _____ ft Water above screen: Y ☒ N

Depth to water: 10.20 ft Pump/Tubing Intake Depth: _____ ft bgs

Casing volume: 5.46 ft H₂O X _____ gpf = _____ X 3 = _____

Casing volumes (GPF) 3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47

Sample Collection Method Passive Diffusion Bag PDB Replaced ☒ Y / N PDB Depth: 13.6 ft below TOC

Field Parameters

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature _____ Date: 10/19/2023

PNG Environmental, Inc.

Well ID no: MW-43i				Project name: Springfield			
Sample no: MW-43i				Project no: 1176			
Date: 10/19/2023		Sample Time: 12:14		Collector: JG			

Well Information

Monument condition: Good / Needs repair

Well cap condition: Good / Locked & Replaced / Needs replacement

Headspace reading: Not measured / ppm Odor: Y/N

Elevation mark: Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth: 58.00 ft Top of screen: 38.00 ft to c

Depth to product: _____ ft Water above screen: Y/N

Depth to water: 11.48 ft Pump/Tubing Intake Depth: _____ ft bgs

Casing volume: 46.52 ft H₂O X _____ gpf = _____ X 3 = _____

Casing volumes (GPF): 3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47

Sample Collection Method

Passive Diffusion Bag

PDB Replaced Y/N PDB Depth = 47.0 ft below TOC

Field Parameters

Meter used: QED / YSI / Hanna / Other

Gallons/mL	Temp. (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Date: 10/19/2023

PNG Environmental, Inc.

Well ID no: MW-43d		Project name: Springfield	
Sample no: MW-43d		Project no: 1176	
Date: 10/19/2023	Sample Time: 1330	Collector: JG	

Well Information
 Monument condition: Good / Needs repair
 Well cap condition: Good / Locked / Replaced / Needs replacement
 Headspace reading: Not measured / ppm Odor Y N
 Elevation mark: Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data
 Total well depth: 115.53 ft Top of screen: 105.5 ft bgs
 Depth to product: _____ ft Water above screen: N
 Depth to water: 20-36 ft Pump/Tubing Intake Depth: _____ ft bgs
 Casing volume: 95.17 ft H₂O X _____ gpf = _____ X 3 = _____
 Casing volumes (GPF): 3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47

Sample Collection Method Passive Diffusion Bag
 PDB Replaced Y / N PDB Depth = 109.5 ft below TOC

Field Parameters
 Meter used: QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
3	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature _____
Date: 10/19/2023

PNG Environmental, Inc.

Well Information

Purge Data

Sample Collection Method

Field Parameters

Meter used QED / YSI / Hanna / Other

Ferrous Iron (mg/L):	Total / Dissolved
----------------------	-------------------

Sample Containers

Comments:

Date: 10/13/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW-44i	Project name: Springfield
Sample no: MW-44i	Project no: 1176
Date: 10/10/2023	Sample Time: 11:44
	Collector: JG

Well Information

Monument condition	<u>Good</u> / Needs repair		
Well cap condition	<u>Good</u> / Locked / Replaced / Needs replacement		
Headspace reading	Not measured /	ppm	Odor Y <u>0</u>
Elevation mark	<u>Yes</u> / Added / Other	Well diameter = <u>2-inch</u> / 4-inch / 6-inch / Other	

Purge Data

Total well depth	59.56	ft	Top of screen	39.6	ft	toc
Depth to product		ft	Water above screen	<u>0</u>	N	
Depth to water	<u>6.72</u>	ft	Pump/Tubing Intake Depth	<u>50</u>	ft	bgs
Casing volume	<u>52.94</u>	ft H ₂ O X	gpf =		X 3 =	
Casing volumes (GPF)	3/4"=0.02	1"=0.04	2"=0.16	4"=0.65	6"=1.47	

Purge Method

Pump type	<u>Peristaltic</u> / Submersible / Bladder / Pneumatic / Other		
Purge tubing	<u>New LDPE</u> / New Teflon / Other		
Purge start time	<u>11:14</u>	Purge stop time	<u>11:33</u>
Refill Timer Setting		Discharge Timer Setting	
		Purge rate	<u>~100 ml/min</u>
		Pressure Setting	

Field Parameters

Meter used	<u>QED (YSI)</u> Hanna / Other						
Gallons (ml)	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
<u>500</u>	<u>59.8</u>	<u>0.225</u>	<u>1.23</u>	<u>7.65</u>	<u>0.2021</u>	<u>-28.4</u>	<u>Clear</u>
<u>750</u>	<u>60.5</u>	<u>0.257</u>	<u>1.08</u>	<u>7.62</u>	<u>0.2035</u>	<u>-22.0</u>	"
<u>1000</u>	<u>61.1</u>	<u>0.263</u>	<u>1.03</u>	<u>7.57</u>	<u>0.2054</u>	<u>-17.7</u>	"
<u>1250</u>	<u>61.2</u>	<u>0.263</u>	<u>1.03</u>	<u>7.55</u>	<u>0.2054</u>	<u>-17.3</u>	"
<u>1500</u>	<u>60.8</u>	<u>0.261</u>	<u>1.03</u>	<u>7.52</u>	<u>0.2034</u>	<u>-16.4</u>	"
<u>1750</u>	<u>60.8</u>	<u>0.261</u>	<u>1.05</u>	<u>7.50</u>	<u>0.2047</u>	<u>-16.0</u>	"
<u>2000</u>	<u>60.8</u>	<u>0.261</u>	<u>1.03</u>	<u>7.49</u>	<u>0.2047</u>	<u>-16.6</u>	"

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
5	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y</u> / <u>N</u>
4	<u>VOA</u> / Amber / Poly	<u>HCL</u> / <u>None</u> / <u>Nitric</u> / Sulfuric / Other	<u>1Y</u> / <u>N</u>
1	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y</u> / <u>N</u>
	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y</u> / <u>N</u>
	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	<u>Y</u> / <u>N</u>

Comments:

Sampler's Signature

Date: 10/10/2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW-44d	Project name: Springfield
Sample no: MW-44d	Project no: 1176
Date: 10/10/2023	Sample Time: 1111
	Collector: JG

Well Information

Monument condition: Good / Needs repair

Well cap condition: Good / Locked / Replaced / Needs replacement

Headspace reading: Not measured / ppm Odor Y 10

Elevation mark: Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth: 115.69 ft Top of screen: 105.7 ft bgs

Depth to product: _____ ft Water above screen: 0 / N

Depth to water: 8.00 ft Pump/Tubing Intake Depth: 110 ft bgs

Casing volume: 107.69 ft H₂O X X 3 = _____

Casing volumes (GPF): 3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47

Purge Method

Pump type: Peristaltic / Submersible / Bladder / Pneumatic / Other

Purge tubing: New LDPE / New Teflon / Other

Purge start time: 1041 Purge stop time: 1101 Purge rate: 100 mL/min

Refill Timer Setting: _____ Discharge Timer Setting: _____ Pressure Setting: _____

Field Parameters

Meter used: QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
250	59.6	0.150	1.04	7.59	0.1183	-86.0	Clear
500	60.3	0.149	0.77	7.63	0.1133	-90.3	"
750	60.2	0.149	0.75	7.64	0.1177	-91.1	"
1000	60.5	0.150	0.74	7.66	0.1177	-92.0	"
1250	60.9	0.150	0.74	7.67	0.1177	-92.0	"
1500	60.9	0.150	0.71	7.69	0.1177	-92.3	"
1750	60.8	0.149	0.66	7.71	0.1170	-91.9	"
2000	60.4	0.146	0.63	7.71	0.1170	-92.2	"

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
5	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
4	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	1Y / N
1	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/10/2023

PNG Environmental, Inc.

PNG Environmental, Inc.

Date: 10/18/2023

PNG Environmental, Inc.

Sampler's Signature

PNG Environmental, Inc.

PNG Environmental, Inc.

Well ID no: MW-47s		Project name: Springfield	
Sample no: MW-47s		Project no: 1176	
Date: 10/ / /2023	Sample Time: 1051	Collector: JG	

Well Information
 Monument condition: Good / Needs repair _____
 Well cap condition: Good / Leaked / Replaced / Needs replacement _____
 Headspace reading: Not measured / ppm _____ Odor Y N
 Elevation mark: Yes / Added / Other _____ Well diameter = 2-inch / 4-inch / 6-inch / Other _____

Purge Data
 Total well depth: 16.13 ft Top of screen: 6.1 ft bgs
 Depth to product: _____ ft Water above screen: Y / N
 Depth to water: 8.35 ft Pump/Tubing Intake Depth: _____ ft bgs
 Casing volume: 7.78 ft H₂O X _____ gpf = _____ X 3 = _____
 Casing volumes (GPF) 3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47

Sample Collection Method Passive Diffusion Bag
 PDB Replaced Y / N PDB Depth = 100.7 ft below TOC

Field Parameters
 Meter used QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments

Ferrous Iron (mg/L): _____ Total / Dissolved _____

Sample Containers

Number	Type	Preservative	Filtered
3	<u>VOA</u> / Amber / Poly	<u>HCL</u> / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature _____ Date: 10/ / /2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW-47i	Project name: Springfield
Sample no: MW-47i	Project no: 1176
Date: 10/ 11 /2023	Sample Time: 1109
	Collector: JG

Well Information

Monument condition	Good / Needs repair		
Well cap condition	Good / Locked / Replaced / Needs replacement		
Headspace reading	Not measured	ppm	Odor Y ☒
Elevation mark	Yes / Added / Other	Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	59.96	ft	Top of screen	40.0	ft to c
Depth to product		ft	Water above screen	0 / N	
Depth to water	10.20	ft	Pump/Tubing Intake Depth	50	ft bgs
Casing volume		ft H ₂ O X	gpf =		X 3 =
Casing volumes (GPF)		3/4"=0.02	1"=0.04	2"=0.16	4"=0.65
					6"=1.47

Purge Method

Pump type	Peristaltic / Submersible / Bladder / Pneumatic / Other	
Purge tubing	New LDPE / New Teflon / Other	
Purge start time	1036	Purge stop time
Refill Timer Setting		Discharge Timer Setting
		Purge rate
		Pressure Setting

Field Parameters

Meter used QED /YS/ Hanna / Other

Gallons/ml	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
500	59.2	0.229	1.61	7.40	0.1833	-46.2	CLM
750	59.4	0.229	1.63	7.77	0.1837	-41.1	
1000	59.6	0.232	1.01	7.75	0.1846	-37.0	"
1250	59.3	0.232	0.93	7.74	0.1852	-37.6	"
1500	60.1	0.235	0.71	7.72	0.1859	-35.9	" .235
1750	61.1	0.241	0.53	7.69	0.1885	-35.3	"
2000	60.7	0.239	0.47	7.68	0.1879	-35.0	"
2200+	60.7	0.239	0.45	7.67	0.1879	-35.3	

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
5	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
4	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	1Y / N
1	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/ 11 /2023

GROUNDWATER SAMPLE COLLECTION FORM

PNG Environmental, Inc.

Well ID no: MW-47d	Project name: Springfield
Sample no: MW-47d	Project no: 1176
Date: 10/ 11 /2023	Sample Time: 1023
Collector: JG	

Well Information

Monument condition	Good / Needs repair
Well cap condition	Good / Locked / Replaced / Needs replacement
Headspace reading	Not measured / ppm
Elevation mark	Yes / Added / Other
Well diameter = 2-inch / 4-inch / 6-inch / Other	

Purge Data

Total well depth	116.16 ft	Top of screen	106.2 ft bgs
Depth to product	ft	Water above screen	0/N
Depth to water	67.09 ft	Pump/Tubing Intake Depth	110 ft bgs
Casing volume	49.07 ft H ₂ O X	gpf =	X 3 =
Casing volumes (GPF)	3/4"=0.02	1"=0.04	2"=0.16
	4"=0.65	6"=1.47	

Purge Method

Pump type	Peristaltic / Submersible / Bladder / Pneumatic / Other	CB
Purge tubing	New LDPE / New Teflon / Other	
Purge start time	0943	Purge stop time
Refill Timer Setting		Discharge Timer Setting
		Purge rate
		Pressure Setting

Field Parameters

Meter used QED / YSI / Hanna / Other

Gallons/ml	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
250	60.4	0.183	1.61	7.90	0.1456	-103.6	1176-1177-1178
500	59.7	0.176	1.10	7.91	0.1365	-95.2	Clear
750	60.2	0.159	0.96	7.90	0.1255	-90.9	"
1000	59.9	0.156	0.86	7.90	0.1223	-89.1	"
1250	60.2	0.154	0.72	7.90	0.1203	-88.7	"
1500	60.1	0.154	0.55	7.90	0.1216	-89.4	"
1750	60.2	0.153	0.52	7.90	0.1209	-89.0	"
2000	60.0	0.152	0.49	7.90	0.1206	-90.0	"

Ferrous Iron (mg/L): Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
5	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
4	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	1Y / N
1	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/ 9 /2023

PNG Environmental, Inc.

A handwritten capital letter 'L' is shown on a four-line staff. The letter starts at the middle line, goes down to the bottom line, and then curves back up to the top line.

PNG Environmental, Inc.

Date: 10/18/2023

PNG Environmental, Inc.

[illegible]

PNG Environmental, Inc.

Well Information

Purge Data

Sample Collection Method

Passive Diffusion Bag

PDB Replaced ☒ Y / ☐ N PDB Depth = 9.3 ft below TOC

Field Parameters

Meter used QED / YSI / Hanna / Other

Ferrous Iron (mg/L):	Total / Dissolved
----------------------	-------------------

Sample Containers

Comments:

Sampler's Signature

Date: 10/11/2023

PNG Environmental, Inc.

Well ID no: MW-49i	Project name: Springfield
Sample no: MW-49i	Project no: 1176
Date: 10/11/2023 Sample Time: 1200	Collector: JG

Well Information

Monument condition Good / Needs repair

Well cap condition Good / Locked / Replaced / Needs replacement

Headspace reading Not measured / ppm Odor Y / N

Elevation mark Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth 58.96 ft Top of screen 39.0 ft to c
 Depth to product _____ ft Water above screen OPIN
 Depth to water 9.92 ft Pump/Tubing Intake Depth = 49 ft bgs
 Casing volume 49.04 ft H₂O X _____ gpf = _____ X 3 = _____
 Casing volumes (GPF) $3/4"=0.02$ $1"=0.04$ $2"=0.16$ $4"=0.65$ $6"=1.47$

Purge Method

Pump type	Peristaltic	Submersible / Bladder / Pneumatic / Other
Purge tubing	New LDPE /	New Teflon / Other
Purge start time	1129	Purge stop time 1149
Refill Timer Setting		Purge rate 100 ml/min
		Pressure Setting

Field Parameters

Meter used	QED /YS/ Hanna / Other						
Gallons/ml	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments
500	60.8	0.181	1.41	7.65	0.1430	-47.7	Clay
500	60.9	0.183	0.73	7.65	0.1430	-47.1	"
750	60.9	0.182	0.64	7.65	0.1430	-46.6	"
1000	60.8	0.183	0.59	7.65	0.1430	-46.7	"
1250	60.6	0.181	0.51	7.65	0.1430	-46.6	"
1500	60.7	0.182	0.44	7.65	0.1430	-46.9	"
1750	60.9	0.182	0.42	7.65	0.1430	-47.0	"
2000	60.6	0.191	0.40	7.64	0.1430	-47.0	"

Ferrous Iron (mg/L):	Total / Dissolved
----------------------	-------------------

Sample Containers

Number	Type	Preservative	Filtered
5	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
4	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	1Y / N
1	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature

Date: 10/ / /2023

PNG Environmental, Inc.

[illegible]

Date: 10/18/2023

PNG Environmental, Inc.

PNG Environmental, Inc.

Well ID no: MW-51i			Project name: Springfield		
Sample no: MW-51i - T MW-51i - M MW-51i - B			Project no: 1176		
Date: 10/19/2023 Sample Time: 1053/1055/1100			Collector: JG		

Well Information

Monument condition: Good / Needs repair

Well cap condition: Good / Locked / Replaced / Needs replacement

Headspace reading: Not measured / ppm Odor Y N

Elevation mark: Yes / Added / Other Well diameter = 2-inch / 4-inch / 6-inch / Other

Purge Data

Total well depth: 60.45 ft Top of screen: 40.75 ft bgs

Depth to product: _____ ft Water above screen: O / N

Depth to water: 15.53 ft Pump/Tubing Intake Depth: _____ ft bgs

Casing volume: 44.92 ft H₂O X _____ gpf = _____ X 3 = _____

Casing volumes (GPF) 3/4"=0.02 1"=0.04 2"=0.16 4"=0.65 6"=1.47

Sample Collection Method Passive Diffusion Bag
PDB Replaced Y / N PDB Depth = 41.1, 49.0, 57.5 ft below toc

Field Parameters

Meter used: QED / YSI / Hanna / Other

Gallons/mL	Temp (°F)	Conductivity (mS/cm)	DO (mg/L)	pH St units	Turbidity (NTU)	ORP mV	Comments

Ferrous Iron (mg/L): _____ Total / Dissolved

Sample Containers

Number	Type	Preservative	Filtered
9	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N
	VOA / Amber / Poly	HCL / None / Nitric / Sulfuric / Other	Y / N

Comments:

Sampler's Signature _____ Date: 10/19/2023

PNG Environmental, Inc.

[illegible]

PNG Environmental, Inc.

[illegible]

PNG Environmental, Inc.

A handwritten cursive letter 'z' is shown on a four-line staff. The letter starts with a small loop on the middle line, goes down to the bottom line, loops back up to the middle line, and then continues horizontally to the right.

PNG Environmental, Inc.

[illegible]

PNG Environmental, Inc.

PNG Environmental, Inc.

APPENDIX B
LABORATORY REPORTS AND CHAIN-OF-CUSTODY
DOCUMENTATION

October 23, 2023

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

PNG Environmental

Sample Delivery Group: L1664986
Samples Received: 10/11/2023
Project Number: 1176
Description:
Site: SPRINGFIELD, OR
Report To: Guy Tanz
6665 SW Hampton St., Suite 101
Tigard, OR 97223

Entire Report Reviewed By:



Brian Ford
Project Manager

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

Pace Analytical National

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

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

SAMPLE SUMMARY

TB-101023 L1664986-01 GW

			Collected by Jay Greifer	Collected date/time 10/10/23 07:00	Received date/time 10/11/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150496	1	10/13/23 00:55	10/13/23 00:55	JCP	Mt. Juliet, TN

MW-24C4 L1664986-02 GW

			Collected by Jay Greifer	Collected date/time 10/10/23 08:15	Received date/time 10/11/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2149337	1	10/11/23 22:43	10/11/23 22:43	HMM	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2011	WG2151243	1	10/14/23 22:11	10/14/23 22:11	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149689	1	10/16/23 14:05	10/21/23 18:21	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149689	5	10/16/23 14:05	10/22/23 09:19	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149707	1	10/15/23 15:18	10/22/23 13:10	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149707	5	10/15/23 15:18	10/22/23 14:54	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2150987	1	10/14/23 13:24	10/14/23 13:24	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150496	1	10/13/23 01:17	10/13/23 01:17	JCP	Mt. Juliet, TN

MW-24C7 L1664986-03 GW

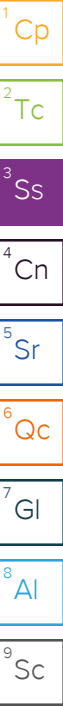
			Collected by Jay Greifer	Collected date/time 10/10/23 08:59	Received date/time 10/11/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2149337	1	10/11/23 22:59	10/11/23 22:59	HMM	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2011	WG2151243	1	10/14/23 22:28	10/14/23 22:28	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149689	1	10/16/23 14:05	10/21/23 17:06	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149707	1	10/15/23 15:18	10/22/23 13:56	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2150987	1	10/14/23 13:29	10/14/23 13:29	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150496	1	10/13/23 01:39	10/13/23 01:39	JCP	Mt. Juliet, TN

MW-25C2 L1664986-04 GW

			Collected by Jay Greifer	Collected date/time 10/10/23 10:05	Received date/time 10/11/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2149337	1	10/11/23 23:47	10/11/23 23:47	HMM	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2011	WG2151243	1	10/14/23 22:42	10/14/23 22:42	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149690	1	10/13/23 14:17	10/16/23 16:10	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149707	1	10/15/23 15:18	10/22/23 13:59	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2150987	1	10/14/23 13:35	10/14/23 13:35	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150496	1	10/13/23 02:01	10/13/23 02:01	JCP	Mt. Juliet, TN

MW-25C4 L1664986-05 GW

			Collected by Jay Greifer	Collected date/time 10/10/23 09:48	Received date/time 10/11/23 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2149337	1	10/12/23 00:03	10/12/23 00:03	HMM	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2011	WG2151243	1	10/14/23 23:10	10/14/23 23:10	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149690	1	10/13/23 14:17	10/16/23 16:13	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149690	10	10/13/23 14:17	10/17/23 10:02	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149707	1	10/15/23 15:18	10/22/23 14:02	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149707	20	10/15/23 15:18	10/22/23 14:57	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2150987	1	10/14/23 13:38	10/14/23 13:38	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150496	1	10/13/23 02:23	10/13/23 02:23	JCP	Mt. Juliet, TN



SAMPLE SUMMARY

MW-44S L1664986-06 GW

				Collected by Jay Greifer	Collected date/time 10/10/23 11:51	Received date/time 10/11/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150496	1	10/13/23 02:45	10/13/23 02:45	JCP	Mt. Juliet, TN

MW-44I L1664986-07 GW

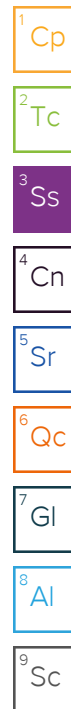
				Collected by Jay Greifer	Collected date/time 10/10/23 11:44	Received date/time 10/11/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2149337	1	10/12/23 00:19	10/12/23 00:19	HMM	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2011	WG2151243	1	10/14/23 23:24	10/14/23 23:24	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149690	1	10/13/23 14:17	10/16/23 16:16	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149707	1	10/15/23 15:18	10/22/23 14:06	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2150987	1	10/14/23 13:44	10/14/23 13:44	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150496	1	10/13/23 03:06	10/13/23 03:06	JCP	Mt. Juliet, TN

MW-44D L1664986-08 GW

				Collected by Jay Greifer	Collected date/time 10/10/23 11:11	Received date/time 10/11/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2149337	1	10/12/23 00:35	10/12/23 00:35	HMM	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2011	WG2151243	1	10/14/23 23:37	10/14/23 23:37	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149690	1	10/13/23 14:17	10/16/23 16:19	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149707	1	10/15/23 15:18	10/22/23 14:09	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2150987	1	10/14/23 13:54	10/14/23 13:54	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150496	1	10/13/23 03:28	10/13/23 03:28	JCP	Mt. Juliet, TN

MW-34C4 L1664986-09 GW

				Collected by Jay Greifer	Collected date/time 10/10/23 12:43	Received date/time 10/11/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2149337	1	10/12/23 00:51	10/12/23 00:51	HMM	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2011	WG2151243	1	10/15/23 00:27	10/15/23 00:27	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149690	1	10/13/23 14:17	10/16/23 16:23	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2149707	1	10/15/23 15:18	10/22/23 14:12	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2150987	1	10/14/23 13:58	10/14/23 13:58	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150496	1	10/13/23 03:50	10/13/23 03:50	JCP	Mt. Juliet, TN

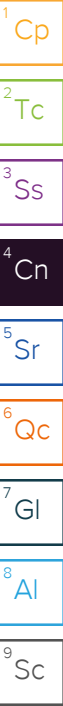


CASE NARRATIVE

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



Brian Ford
Project Manager



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/13/2023 00:55	WG2150496
Acrylonitrile	ND		5.00	1	10/13/2023 00:55	WG2150496
Benzene	ND		0.500	1	10/13/2023 00:55	WG2150496
Bromobenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
Bromodichloromethane	ND		0.500	1	10/13/2023 00:55	WG2150496
Bromochloromethane	ND		0.500	1	10/13/2023 00:55	WG2150496
Bromoform	ND		0.500	1	10/13/2023 00:55	WG2150496
Bromomethane	ND		2.50	1	10/13/2023 00:55	WG2150496
n-Butylbenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
sec-Butylbenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
tert-Butylbenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
Carbon disulfide	ND		0.500	1	10/13/2023 00:55	WG2150496
Carbon tetrachloride	ND		0.500	1	10/13/2023 00:55	WG2150496
Chlorobenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
Chlorodibromomethane	ND		0.500	1	10/13/2023 00:55	WG2150496
Chloroethane	ND	C3	2.50	1	10/13/2023 00:55	WG2150496
Chloroform	ND		0.500	1	10/13/2023 00:55	WG2150496
Chloromethane	ND		1.25	1	10/13/2023 00:55	WG2150496
2-Chlorotoluene	ND		0.500	1	10/13/2023 00:55	WG2150496
4-Chlorotoluene	ND		0.500	1	10/13/2023 00:55	WG2150496
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/13/2023 00:55	WG2150496
1,2-Dibromoethane	ND		0.500	1	10/13/2023 00:55	WG2150496
Dibromomethane	ND		0.500	1	10/13/2023 00:55	WG2150496
1,2-Dichlorobenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
1,3-Dichlorobenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
1,4-Dichlorobenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
Dichlorodifluoromethane	ND		2.50	1	10/13/2023 00:55	WG2150496
1,1-Dichloroethane	ND		0.500	1	10/13/2023 00:55	WG2150496
1,2-Dichloroethane	ND		0.500	1	10/13/2023 00:55	WG2150496
1,1-Dichloroethene	ND		0.500	1	10/13/2023 00:55	WG2150496
cis-1,2-Dichloroethene	ND		0.500	1	10/13/2023 00:55	WG2150496
trans-1,2-Dichloroethene	ND		0.500	1	10/13/2023 00:55	WG2150496
1,2-Dichloropropane	ND		0.500	1	10/13/2023 00:55	WG2150496
1,1-Dichloropropene	ND		0.500	1	10/13/2023 00:55	WG2150496
1,3-Dichloropropane	ND		1.00	1	10/13/2023 00:55	WG2150496
cis-1,3-Dichloropropene	ND		0.500	1	10/13/2023 00:55	WG2150496
trans-1,3-Dichloropropene	ND		0.500	1	10/13/2023 00:55	WG2150496
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/13/2023 00:55	WG2150496
2,2-Dichloropropane	ND		0.500	1	10/13/2023 00:55	WG2150496
Di-isopropyl ether	ND	C3	0.500	1	10/13/2023 00:55	WG2150496
Ethylbenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
Hexachloro-1,3-butadiene	ND		1.00	1	10/13/2023 00:55	WG2150496
2-Hexanone	ND		5.00	1	10/13/2023 00:55	WG2150496
n-Hexane	ND		5.00	1	10/13/2023 00:55	WG2150496
Iodomethane	ND		5.00	1	10/13/2023 00:55	WG2150496
Isopropylbenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
p-Isopropyltoluene	ND		0.500	1	10/13/2023 00:55	WG2150496
2-Butanone (MEK)	ND		5.00	1	10/13/2023 00:55	WG2150496
Methylene Chloride	ND		2.50	1	10/13/2023 00:55	WG2150496
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/13/2023 00:55	WG2150496
Methyl tert-butyl ether	ND		0.500	1	10/13/2023 00:55	WG2150496
Naphthalene	ND		2.50	1	10/13/2023 00:55	WG2150496
n-Propylbenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
Styrene	ND		0.500	1	10/13/2023 00:55	WG2150496
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/13/2023 00:55	WG2150496
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/13/2023 00:55	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/13/2023 00:55	WG2150496
Tetrachloroethene	ND		0.500	1	10/13/2023 00:55	WG2150496
Toluene	ND		0.500	1	10/13/2023 00:55	WG2150496
1,2,3-Trichlorobenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
1,2,4-Trichlorobenzene	ND		1.00	1	10/13/2023 00:55	WG2150496
1,1,1-Trichloroethane	ND	J4	0.500	1	10/13/2023 00:55	WG2150496
1,1,2-Trichloroethane	ND		0.500	1	10/13/2023 00:55	WG2150496
Trichloroethene	ND		0.500	1	10/13/2023 00:55	WG2150496
Trichlorofluoromethane	ND		2.50	1	10/13/2023 00:55	WG2150496
1,2,3-Trichloropropane	ND		2.50	1	10/13/2023 00:55	WG2150496
1,2,4-Trimethylbenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
1,2,3-Trimethylbenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
1,3,5-Trimethylbenzene	ND		0.500	1	10/13/2023 00:55	WG2150496
Vinyl acetate	ND	C3	5.00	1	10/13/2023 00:55	WG2150496
Vinyl chloride	ND	C3	0.500	1	10/13/2023 00:55	WG2150496
Xylenes, Total	ND		1.50	1	10/13/2023 00:55	WG2150496
(S) Toluene-d8	102		80.0-120		10/13/2023 00:55	WG2150496
(S) 4-Bromofluorobenzene	97.7		77.0-126		10/13/2023 00:55	WG2150496
(S) 1,2-Dichloroethane-d4	107		70.0-130		10/13/2023 00:55	WG2150496

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Nitrate as (N)	215		100	1	10/11/2023 22:43	WG2149337
Nitrite as (N)	ND		100	1	10/11/2023 22:43	WG2149337
Sulfate	7570		5000	1	10/11/2023 22:43	WG2149337

Wet Chemistry by Method 5310 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TOC (Total Organic Carbon)	2390		1000	1	10/14/2023 22:11	WG2151243

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Iron	539		100	1	10/22/2023 13:10	WG2149707
Iron,Dissolved	314		100	1	10/21/2023 18:21	WG2149689
Manganese	337		25.0	5	10/22/2023 14:54	WG2149707
Manganese,Dissolved	317		25.0	5	10/22/2023 09:19	WG2149689

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Methane	619		10.0	1	10/14/2023 13:24	WG2150987
Ethane	ND		13.0	1	10/14/2023 13:24	WG2150987
Ethene	ND		13.0	1	10/14/2023 13:24	WG2150987

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		25.0	1	10/13/2023 01:17	WG2150496
Acrylonitrile	ND		5.00	1	10/13/2023 01:17	WG2150496
Benzene	ND		0.500	1	10/13/2023 01:17	WG2150496
Bromobenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
Bromodichloromethane	ND		0.500	1	10/13/2023 01:17	WG2150496
Bromochloromethane	ND		0.500	1	10/13/2023 01:17	WG2150496
Bromoform	ND		0.500	1	10/13/2023 01:17	WG2150496
Bromomethane	ND		2.50	1	10/13/2023 01:17	WG2150496
n-Butylbenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
sec-Butylbenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
tert-Butylbenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
Carbon disulfide	ND		0.500	1	10/13/2023 01:17	WG2150496
Carbon tetrachloride	ND		0.500	1	10/13/2023 01:17	WG2150496
Chlorobenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
Chlorodibromomethane	ND		0.500	1	10/13/2023 01:17	WG2150496
Chloroethane	ND	C3	2.50	1	10/13/2023 01:17	WG2150496
Chloroform	ND		0.500	1	10/13/2023 01:17	WG2150496
Chloromethane	ND		1.25	1	10/13/2023 01:17	WG2150496
2-Chlorotoluene	ND		0.500	1	10/13/2023 01:17	WG2150496
4-Chlorotoluene	ND		0.500	1	10/13/2023 01:17	WG2150496
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/13/2023 01:17	WG2150496
1,2-Dibromoethane	ND		0.500	1	10/13/2023 01:17	WG2150496
Dibromomethane	ND		0.500	1	10/13/2023 01:17	WG2150496
1,2-Dichlorobenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
1,3-Dichlorobenzene	0.775		0.500	1	10/13/2023 01:17	WG2150496
1,4-Dichlorobenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
Dichlorodifluoromethane	ND		2.50	1	10/13/2023 01:17	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	ND		0.500	1	10/13/2023 01:17	WG2150496
1,2-Dichloroethane	ND		0.500	1	10/13/2023 01:17	WG2150496
1,1-Dichloroethene	ND		0.500	1	10/13/2023 01:17	WG2150496
cis-1,2-Dichloroethene	1.01		0.500	1	10/13/2023 01:17	WG2150496
trans-1,2-Dichloroethene	ND		0.500	1	10/13/2023 01:17	WG2150496
1,2-Dichloropropane	ND		0.500	1	10/13/2023 01:17	WG2150496
1,1-Dichloropropene	ND		0.500	1	10/13/2023 01:17	WG2150496
1,3-Dichloropropane	ND		1.00	1	10/13/2023 01:17	WG2150496
cis-1,3-Dichloropropene	ND		0.500	1	10/13/2023 01:17	WG2150496
trans-1,3-Dichloropropene	ND		0.500	1	10/13/2023 01:17	WG2150496
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/13/2023 01:17	WG2150496
2,2-Dichloropropane	ND		0.500	1	10/13/2023 01:17	WG2150496
Di-isopropyl ether	ND	C3	0.500	1	10/13/2023 01:17	WG2150496
Ethylbenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
Hexachloro-1,3-butadiene	ND		1.00	1	10/13/2023 01:17	WG2150496
2-Hexanone	ND		5.00	1	10/13/2023 01:17	WG2150496
n-Hexane	ND		5.00	1	10/13/2023 01:17	WG2150496
Iodomethane	ND		5.00	1	10/13/2023 01:17	WG2150496
Isopropylbenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
p-Isopropyltoluene	ND		0.500	1	10/13/2023 01:17	WG2150496
2-Butanone (MEK)	ND		5.00	1	10/13/2023 01:17	WG2150496
Methylene Chloride	ND		2.50	1	10/13/2023 01:17	WG2150496
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/13/2023 01:17	WG2150496
Methyl tert-butyl ether	ND		0.500	1	10/13/2023 01:17	WG2150496
Naphthalene	ND		2.50	1	10/13/2023 01:17	WG2150496
n-Propylbenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
Styrene	ND		0.500	1	10/13/2023 01:17	WG2150496
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/13/2023 01:17	WG2150496
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/13/2023 01:17	WG2150496
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/13/2023 01:17	WG2150496
Tetrachloroethene	ND		0.500	1	10/13/2023 01:17	WG2150496
Toluene	ND		0.500	1	10/13/2023 01:17	WG2150496
1,2,3-Trichlorobenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
1,2,4-Trichlorobenzene	ND		1.00	1	10/13/2023 01:17	WG2150496
1,1,1-Trichloroethane	ND	J4	0.500	1	10/13/2023 01:17	WG2150496
1,1,2-Trichloroethane	ND		0.500	1	10/13/2023 01:17	WG2150496
Trichloroethene	ND		0.500	1	10/13/2023 01:17	WG2150496
Trichlorofluoromethane	ND		2.50	1	10/13/2023 01:17	WG2150496
1,2,3-Trichloropropane	ND		2.50	1	10/13/2023 01:17	WG2150496
1,2,4-Trimethylbenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
1,2,3-Trimethylbenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
1,3,5-Trimethylbenzene	ND		0.500	1	10/13/2023 01:17	WG2150496
Vinyl acetate	ND	C3	5.00	1	10/13/2023 01:17	WG2150496
Vinyl chloride	ND	C3	0.500	1	10/13/2023 01:17	WG2150496
Xylenes, Total	ND		1.50	1	10/13/2023 01:17	WG2150496
(S) Toluene-d8	103		80.0-120		10/13/2023 01:17	WG2150496
(S) 4-Bromofluorobenzene	99.7		77.0-126		10/13/2023 01:17	WG2150496
(S) 1,2-Dichloroethane-d4	106		70.0-130		10/13/2023 01:17	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Nitrate as (N)	271	P1	100	1	10/11/2023 22:59	WG2149337
Nitrite as (N)	ND		100	1	10/11/2023 22:59	WG2149337
Sulfate	6850		5000	1	10/11/2023 22:59	WG2149337

Wet Chemistry by Method 5310 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TOC (Total Organic Carbon)	2800		1000	1	10/14/2023 22:28	WG2151243

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Iron	507		100	1	10/22/2023 13:56	WG2149707
Iron,Dissolved	ND		100	1	10/21/2023 17:06	WG2149689
Manganese	28.6		5.00	1	10/22/2023 13:56	WG2149707
Manganese,Dissolved	13.2		5.00	1	10/21/2023 17:06	WG2149689

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Methane	115		10.0	1	10/14/2023 13:29	WG2150987
Ethane	ND		13.0	1	10/14/2023 13:29	WG2150987
Ethene	ND		13.0	1	10/14/2023 13:29	WG2150987

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		25.0	1	10/13/2023 01:39	WG2150496
Acrylonitrile	ND		5.00	1	10/13/2023 01:39	WG2150496
Benzene	ND		0.500	1	10/13/2023 01:39	WG2150496
Bromobenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
Bromodichloromethane	ND		0.500	1	10/13/2023 01:39	WG2150496
Bromochloromethane	ND		0.500	1	10/13/2023 01:39	WG2150496
Bromoform	ND		0.500	1	10/13/2023 01:39	WG2150496
Bromomethane	ND		2.50	1	10/13/2023 01:39	WG2150496
n-Butylbenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
sec-Butylbenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
tert-Butylbenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
Carbon disulfide	ND		0.500	1	10/13/2023 01:39	WG2150496
Carbon tetrachloride	ND		0.500	1	10/13/2023 01:39	WG2150496
Chlorobenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
Chlorodibromomethane	ND		0.500	1	10/13/2023 01:39	WG2150496
Chloroethane	ND	C3	2.50	1	10/13/2023 01:39	WG2150496
Chloroform	ND		0.500	1	10/13/2023 01:39	WG2150496
Chloromethane	ND		1.25	1	10/13/2023 01:39	WG2150496
2-Chlorotoluene	ND		0.500	1	10/13/2023 01:39	WG2150496
4-Chlorotoluene	ND		0.500	1	10/13/2023 01:39	WG2150496
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/13/2023 01:39	WG2150496
1,2-Dibromoethane	ND		0.500	1	10/13/2023 01:39	WG2150496
Dibromomethane	ND		0.500	1	10/13/2023 01:39	WG2150496
1,2-Dichlorobenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
1,3-Dichlorobenzene	1.84		0.500	1	10/13/2023 01:39	WG2150496
1,4-Dichlorobenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
Dichlorodifluoromethane	ND		2.50	1	10/13/2023 01:39	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	ND		0.500	1	10/13/2023 01:39	WG2150496
1,2-Dichloroethane	ND		0.500	1	10/13/2023 01:39	WG2150496
1,1-Dichloroethene	ND		0.500	1	10/13/2023 01:39	WG2150496
cis-1,2-Dichloroethene	ND		0.500	1	10/13/2023 01:39	WG2150496
trans-1,2-Dichloroethene	ND		0.500	1	10/13/2023 01:39	WG2150496
1,2-Dichloropropane	ND		0.500	1	10/13/2023 01:39	WG2150496
1,1-Dichloropropene	ND		0.500	1	10/13/2023 01:39	WG2150496
1,3-Dichloropropane	ND		1.00	1	10/13/2023 01:39	WG2150496
cis-1,3-Dichloropropene	ND		0.500	1	10/13/2023 01:39	WG2150496
trans-1,3-Dichloropropene	ND		0.500	1	10/13/2023 01:39	WG2150496
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/13/2023 01:39	WG2150496
2,2-Dichloropropane	ND		0.500	1	10/13/2023 01:39	WG2150496
Di-isopropyl ether	ND	C3	0.500	1	10/13/2023 01:39	WG2150496
Ethylbenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
Hexachloro-1,3-butadiene	ND		1.00	1	10/13/2023 01:39	WG2150496
2-Hexanone	ND		5.00	1	10/13/2023 01:39	WG2150496
n-Hexane	ND		5.00	1	10/13/2023 01:39	WG2150496
Iodomethane	ND		5.00	1	10/13/2023 01:39	WG2150496
Isopropylbenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
p-Isopropyltoluene	ND		0.500	1	10/13/2023 01:39	WG2150496
2-Butanone (MEK)	ND		5.00	1	10/13/2023 01:39	WG2150496
Methylene Chloride	ND		2.50	1	10/13/2023 01:39	WG2150496
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/13/2023 01:39	WG2150496
Methyl tert-butyl ether	ND		0.500	1	10/13/2023 01:39	WG2150496
Naphthalene	ND		2.50	1	10/13/2023 01:39	WG2150496
n-Propylbenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
Styrene	ND		0.500	1	10/13/2023 01:39	WG2150496
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/13/2023 01:39	WG2150496
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/13/2023 01:39	WG2150496
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/13/2023 01:39	WG2150496
Tetrachloroethene	ND		0.500	1	10/13/2023 01:39	WG2150496
Toluene	ND		0.500	1	10/13/2023 01:39	WG2150496
1,2,3-Trichlorobenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
1,2,4-Trichlorobenzene	ND		1.00	1	10/13/2023 01:39	WG2150496
1,1,1-Trichloroethane	ND	J4	0.500	1	10/13/2023 01:39	WG2150496
1,1,2-Trichloroethane	ND		0.500	1	10/13/2023 01:39	WG2150496
Trichloroethene	ND		0.500	1	10/13/2023 01:39	WG2150496
Trichlorofluoromethane	ND		2.50	1	10/13/2023 01:39	WG2150496
1,2,3-Trichloropropane	ND		2.50	1	10/13/2023 01:39	WG2150496
1,2,4-Trimethylbenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
1,2,3-Trimethylbenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
1,3,5-Trimethylbenzene	ND		0.500	1	10/13/2023 01:39	WG2150496
Vinyl acetate	ND	C3	5.00	1	10/13/2023 01:39	WG2150496
Vinyl chloride	ND	C3	0.500	1	10/13/2023 01:39	WG2150496
Xylenes, Total	ND		1.50	1	10/13/2023 01:39	WG2150496
(S) Toluene-d8	104		80.0-120		10/13/2023 01:39	WG2150496
(S) 4-Bromofluorobenzene	101		77.0-126		10/13/2023 01:39	WG2150496
(S) 1,2-Dichloroethane-d4	107		70.0-130		10/13/2023 01:39	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Nitrate as (N)	484		100	1	10/11/2023 23:47	WG2149337
Nitrite as (N)	ND		100	1	10/11/2023 23:47	WG2149337
Sulfate	5890		5000	1	10/11/2023 23:47	WG2149337

Wet Chemistry by Method 5310 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TOC (Total Organic Carbon)	ND		1000	1	10/14/2023 22:42	WG2151243

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Iron	ND		100	1	10/22/2023 13:59	WG2149707
Iron,Dissolved	ND		100	1	10/16/2023 16:10	WG2149690
Manganese	114		5.00	1	10/22/2023 13:59	WG2149707
Manganese,Dissolved	103		5.00	1	10/16/2023 16:10	WG2149690

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Methane	113		10.0	1	10/14/2023 13:35	WG2150987
Ethane	ND		13.0	1	10/14/2023 13:35	WG2150987
Ethene	ND		13.0	1	10/14/2023 13:35	WG2150987

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		25.0	1	10/13/2023 02:01	WG2150496
Acrylonitrile	ND		5.00	1	10/13/2023 02:01	WG2150496
Benzene	ND		0.500	1	10/13/2023 02:01	WG2150496
Bromobenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
Bromodichloromethane	ND		0.500	1	10/13/2023 02:01	WG2150496
Bromochloromethane	ND		0.500	1	10/13/2023 02:01	WG2150496
Bromoform	ND		0.500	1	10/13/2023 02:01	WG2150496
Bromomethane	ND		2.50	1	10/13/2023 02:01	WG2150496
n-Butylbenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
sec-Butylbenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
tert-Butylbenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
Carbon disulfide	ND		0.500	1	10/13/2023 02:01	WG2150496
Carbon tetrachloride	ND		0.500	1	10/13/2023 02:01	WG2150496
Chlorobenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
Chlorodibromomethane	ND		0.500	1	10/13/2023 02:01	WG2150496
Chloroethane	ND	C3	2.50	1	10/13/2023 02:01	WG2150496
Chloroform	ND		0.500	1	10/13/2023 02:01	WG2150496
Chloromethane	ND		1.25	1	10/13/2023 02:01	WG2150496
2-Chlorotoluene	ND		0.500	1	10/13/2023 02:01	WG2150496
4-Chlorotoluene	ND		0.500	1	10/13/2023 02:01	WG2150496
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/13/2023 02:01	WG2150496
1,2-Dibromoethane	ND		0.500	1	10/13/2023 02:01	WG2150496
Dibromomethane	ND		0.500	1	10/13/2023 02:01	WG2150496
1,2-Dichlorobenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
1,3-Dichlorobenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
1,4-Dichlorobenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
Dichlorodifluoromethane	ND		2.50	1	10/13/2023 02:01	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	ND		0.500	1	10/13/2023 02:01	WG2150496
1,2-Dichloroethane	ND		0.500	1	10/13/2023 02:01	WG2150496
1,1-Dichloroethene	ND		0.500	1	10/13/2023 02:01	WG2150496
cis-1,2-Dichloroethene	16.3		0.500	1	10/13/2023 02:01	WG2150496
trans-1,2-Dichloroethene	ND		0.500	1	10/13/2023 02:01	WG2150496
1,2-Dichloropropane	ND		0.500	1	10/13/2023 02:01	WG2150496
1,1-Dichloropropene	ND		0.500	1	10/13/2023 02:01	WG2150496
1,3-Dichloropropane	ND		1.00	1	10/13/2023 02:01	WG2150496
cis-1,3-Dichloropropene	ND		0.500	1	10/13/2023 02:01	WG2150496
trans-1,3-Dichloropropene	ND		0.500	1	10/13/2023 02:01	WG2150496
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/13/2023 02:01	WG2150496
2,2-Dichloropropane	ND		0.500	1	10/13/2023 02:01	WG2150496
Di-isopropyl ether	ND	C3	0.500	1	10/13/2023 02:01	WG2150496
Ethylbenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
Hexachloro-1,3-butadiene	ND		1.00	1	10/13/2023 02:01	WG2150496
2-Hexanone	ND		5.00	1	10/13/2023 02:01	WG2150496
n-Hexane	ND		5.00	1	10/13/2023 02:01	WG2150496
Iodomethane	ND		5.00	1	10/13/2023 02:01	WG2150496
Isopropylbenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
p-Isopropyltoluene	ND		0.500	1	10/13/2023 02:01	WG2150496
2-Butanone (MEK)	ND		5.00	1	10/13/2023 02:01	WG2150496
Methylene Chloride	ND		2.50	1	10/13/2023 02:01	WG2150496
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/13/2023 02:01	WG2150496
Methyl tert-butyl ether	ND		0.500	1	10/13/2023 02:01	WG2150496
Naphthalene	ND		2.50	1	10/13/2023 02:01	WG2150496
n-Propylbenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
Styrene	ND		0.500	1	10/13/2023 02:01	WG2150496
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/13/2023 02:01	WG2150496
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/13/2023 02:01	WG2150496
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/13/2023 02:01	WG2150496
Tetrachloroethene	62.7		0.500	1	10/13/2023 02:01	WG2150496
Toluene	ND		0.500	1	10/13/2023 02:01	WG2150496
1,2,3-Trichlorobenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
1,2,4-Trichlorobenzene	ND		1.00	1	10/13/2023 02:01	WG2150496
1,1,1-Trichloroethane	ND	J4	0.500	1	10/13/2023 02:01	WG2150496
1,1,2-Trichloroethane	ND		0.500	1	10/13/2023 02:01	WG2150496
Trichloroethene	42.9		0.500	1	10/13/2023 02:01	WG2150496
Trichlorofluoromethane	ND		2.50	1	10/13/2023 02:01	WG2150496
1,2,3-Trichloropropane	ND		2.50	1	10/13/2023 02:01	WG2150496
1,2,4-Trimethylbenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
1,2,3-Trimethylbenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
1,3,5-Trimethylbenzene	ND		0.500	1	10/13/2023 02:01	WG2150496
Vinyl acetate	ND	C3	5.00	1	10/13/2023 02:01	WG2150496
Vinyl chloride	0.989	C3	0.500	1	10/13/2023 02:01	WG2150496
Xylenes, Total	ND		1.50	1	10/13/2023 02:01	WG2150496
(S) Toluene-d8	103		80.0-120		10/13/2023 02:01	WG2150496
(S) 4-Bromofluorobenzene	99.9		77.0-126		10/13/2023 02:01	WG2150496
(S) 1,2-Dichloroethane-d4	109		70.0-130		10/13/2023 02:01	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l		date / time	
Nitrate as (N)	ND		100	1	10/12/2023 00:03	WG2149337
Nitrite as (N)	ND		100	1	10/12/2023 00:03	WG2149337
Sulfate	ND		5000	1	10/12/2023 00:03	WG2149337

Wet Chemistry by Method 5310 B-2011

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l		date / time	
TOC (Total Organic Carbon)	ND		1000	1	10/14/2023 23:10	WG2151243

Metals (ICPMS) by Method 6020B

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l		date / time	
Iron	1330		100	1	10/22/2023 14:02	WG2149707
Iron,Dissolved	320		100	1	10/16/2023 16:13	WG2149690
Manganese	1860		100	20	10/22/2023 14:57	WG2149707
Manganese,Dissolved	1910		50.0	10	10/17/2023 10:02	WG2149690

Volatile Organic Compounds (GC) by Method RSK175

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l		date / time	
Methane	879		10.0	1	10/14/2023 13:38	WG2150987
Ethane	ND		13.0	1	10/14/2023 13:38	WG2150987
Ethene	ND		13.0	1	10/14/2023 13:38	WG2150987

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

	Result	Qualifier	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l		date / time	
Acetone	ND		25.0	1	10/13/2023 02:23	WG2150496
Acrylonitrile	ND		5.00	1	10/13/2023 02:23	WG2150496
Benzene	ND		0.500	1	10/13/2023 02:23	WG2150496
Bromobenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
Bromodichloromethane	ND		0.500	1	10/13/2023 02:23	WG2150496
Bromochloromethane	ND		0.500	1	10/13/2023 02:23	WG2150496
Bromoform	ND		0.500	1	10/13/2023 02:23	WG2150496
Bromomethane	ND		2.50	1	10/13/2023 02:23	WG2150496
n-Butylbenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
sec-Butylbenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
tert-Butylbenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
Carbon disulfide	ND		0.500	1	10/13/2023 02:23	WG2150496
Carbon tetrachloride	ND		0.500	1	10/13/2023 02:23	WG2150496
Chlorobenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
Chlorodibromomethane	ND		0.500	1	10/13/2023 02:23	WG2150496
Chloroethane	ND	C3	2.50	1	10/13/2023 02:23	WG2150496
Chloroform	ND		0.500	1	10/13/2023 02:23	WG2150496
Chloromethane	ND		1.25	1	10/13/2023 02:23	WG2150496
2-Chlorotoluene	ND		0.500	1	10/13/2023 02:23	WG2150496
4-Chlorotoluene	ND		0.500	1	10/13/2023 02:23	WG2150496
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/13/2023 02:23	WG2150496
1,2-Dibromoethane	ND		0.500	1	10/13/2023 02:23	WG2150496
Dibromomethane	ND		0.500	1	10/13/2023 02:23	WG2150496
1,2-Dichlorobenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
1,3-Dichlorobenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
1,4-Dichlorobenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
Dichlorodifluoromethane	ND		2.50	1	10/13/2023 02:23	WG2150496

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	ND		0.500	1	10/13/2023 02:23	WG2150496
1,2-Dichloroethane	ND		0.500	1	10/13/2023 02:23	WG2150496
1,1-Dichloroethene	3.03		0.500	1	10/13/2023 02:23	WG2150496
cis-1,2-Dichloroethene	70.0		0.500	1	10/13/2023 02:23	WG2150496
trans-1,2-Dichloroethene	1.57		0.500	1	10/13/2023 02:23	WG2150496
1,2-Dichloropropane	ND		0.500	1	10/13/2023 02:23	WG2150496
1,1-Dichloropropene	ND		0.500	1	10/13/2023 02:23	WG2150496
1,3-Dichloropropane	ND		1.00	1	10/13/2023 02:23	WG2150496
cis-1,3-Dichloropropene	ND		0.500	1	10/13/2023 02:23	WG2150496
trans-1,3-Dichloropropene	ND		0.500	1	10/13/2023 02:23	WG2150496
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/13/2023 02:23	WG2150496
2,2-Dichloropropane	ND		0.500	1	10/13/2023 02:23	WG2150496
Di-isopropyl ether	ND	C3	0.500	1	10/13/2023 02:23	WG2150496
Ethylbenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
Hexachloro-1,3-butadiene	ND		1.00	1	10/13/2023 02:23	WG2150496
2-Hexanone	ND		5.00	1	10/13/2023 02:23	WG2150496
n-Hexane	ND		5.00	1	10/13/2023 02:23	WG2150496
Iodomethane	ND		5.00	1	10/13/2023 02:23	WG2150496
Isopropylbenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
p-Isopropyltoluene	ND		0.500	1	10/13/2023 02:23	WG2150496
2-Butanone (MEK)	ND		5.00	1	10/13/2023 02:23	WG2150496
Methylene Chloride	ND		2.50	1	10/13/2023 02:23	WG2150496
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/13/2023 02:23	WG2150496
Methyl tert-butyl ether	ND		0.500	1	10/13/2023 02:23	WG2150496
Naphthalene	ND		2.50	1	10/13/2023 02:23	WG2150496
n-Propylbenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
Styrene	ND		0.500	1	10/13/2023 02:23	WG2150496
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/13/2023 02:23	WG2150496
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/13/2023 02:23	WG2150496
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/13/2023 02:23	WG2150496
Tetrachloroethene	38.0		0.500	1	10/13/2023 02:23	WG2150496
Toluene	ND		0.500	1	10/13/2023 02:23	WG2150496
1,2,3-Trichlorobenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
1,2,4-Trichlorobenzene	ND		1.00	1	10/13/2023 02:23	WG2150496
1,1,1-Trichloroethane	ND	J4	0.500	1	10/13/2023 02:23	WG2150496
1,1,2-Trichloroethane	ND		0.500	1	10/13/2023 02:23	WG2150496
Trichloroethene	73.6		0.500	1	10/13/2023 02:23	WG2150496
Trichlorofluoromethane	ND		2.50	1	10/13/2023 02:23	WG2150496
1,2,3-Trichloropropane	ND		2.50	1	10/13/2023 02:23	WG2150496
1,2,4-Trimethylbenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
1,2,3-Trimethylbenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
1,3,5-Trimethylbenzene	ND		0.500	1	10/13/2023 02:23	WG2150496
Vinyl acetate	ND	C3	5.00	1	10/13/2023 02:23	WG2150496
Vinyl chloride	14.0	C3	0.500	1	10/13/2023 02:23	WG2150496
Xylenes, Total	ND		1.50	1	10/13/2023 02:23	WG2150496
(S) Toluene-d8	102		80.0-120		10/13/2023 02:23	WG2150496
(S) 4-Bromofluorobenzene	99.8		77.0-126		10/13/2023 02:23	WG2150496
(S) 1,2-Dichloroethane-d4	115		70.0-130		10/13/2023 02:23	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	344		25.0	1	10/13/2023 02:45	WG2150496
Acrylonitrile	ND		5.00	1	10/13/2023 02:45	WG2150496
Benzene	ND		0.500	1	10/13/2023 02:45	WG2150496
Bromobenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
Bromodichloromethane	ND		0.500	1	10/13/2023 02:45	WG2150496
Bromochloromethane	ND		0.500	1	10/13/2023 02:45	WG2150496
Bromoform	ND		0.500	1	10/13/2023 02:45	WG2150496
Bromomethane	ND		2.50	1	10/13/2023 02:45	WG2150496
n-Butylbenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
sec-Butylbenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
tert-Butylbenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
Carbon disulfide	ND		0.500	1	10/13/2023 02:45	WG2150496
Carbon tetrachloride	ND		0.500	1	10/13/2023 02:45	WG2150496
Chlorobenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
Chlorodibromomethane	ND		0.500	1	10/13/2023 02:45	WG2150496
Chloroethane	ND	C3	2.50	1	10/13/2023 02:45	WG2150496
Chloroform	ND		0.500	1	10/13/2023 02:45	WG2150496
Chloromethane	ND		1.25	1	10/13/2023 02:45	WG2150496
2-Chlorotoluene	ND		0.500	1	10/13/2023 02:45	WG2150496
4-Chlorotoluene	ND		0.500	1	10/13/2023 02:45	WG2150496
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/13/2023 02:45	WG2150496
1,2-Dibromoethane	ND		0.500	1	10/13/2023 02:45	WG2150496
Dibromomethane	ND		0.500	1	10/13/2023 02:45	WG2150496
1,2-Dichlorobenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
1,3-Dichlorobenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
1,4-Dichlorobenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
Dichlorodifluoromethane	ND		2.50	1	10/13/2023 02:45	WG2150496
1,1-Dichloroethane	ND		0.500	1	10/13/2023 02:45	WG2150496
1,2-Dichloroethane	ND		0.500	1	10/13/2023 02:45	WG2150496
1,1-Dichloroethene	ND		0.500	1	10/13/2023 02:45	WG2150496
cis-1,2-Dichloroethene	ND		0.500	1	10/13/2023 02:45	WG2150496
trans-1,2-Dichloroethene	ND		0.500	1	10/13/2023 02:45	WG2150496
1,2-Dichloropropane	ND		0.500	1	10/13/2023 02:45	WG2150496
1,1-Dichloropropene	ND		0.500	1	10/13/2023 02:45	WG2150496
1,3-Dichloropropane	ND		1.00	1	10/13/2023 02:45	WG2150496
cis-1,3-Dichloropropene	ND		0.500	1	10/13/2023 02:45	WG2150496
trans-1,3-Dichloropropene	ND		0.500	1	10/13/2023 02:45	WG2150496
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/13/2023 02:45	WG2150496
2,2-Dichloropropane	ND		0.500	1	10/13/2023 02:45	WG2150496
Di-isopropyl ether	ND	C3	0.500	1	10/13/2023 02:45	WG2150496
Ethylbenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
Hexachloro-1,3-butadiene	ND		1.00	1	10/13/2023 02:45	WG2150496
2-Hexanone	ND		5.00	1	10/13/2023 02:45	WG2150496
n-Hexane	ND		5.00	1	10/13/2023 02:45	WG2150496
Iodomethane	ND		5.00	1	10/13/2023 02:45	WG2150496
Isopropylbenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
p-Isopropyltoluene	ND		0.500	1	10/13/2023 02:45	WG2150496
2-Butanone (MEK)	11.8		5.00	1	10/13/2023 02:45	WG2150496
Methylene Chloride	ND		2.50	1	10/13/2023 02:45	WG2150496
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/13/2023 02:45	WG2150496
Methyl tert-butyl ether	ND		0.500	1	10/13/2023 02:45	WG2150496
Naphthalene	ND		2.50	1	10/13/2023 02:45	WG2150496
n-Propylbenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
Styrene	ND		0.500	1	10/13/2023 02:45	WG2150496
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/13/2023 02:45	WG2150496
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/13/2023 02:45	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/13/2023 02:45	WG2150496
Tetrachloroethene	ND		0.500	1	10/13/2023 02:45	WG2150496
Toluene	ND		0.500	1	10/13/2023 02:45	WG2150496
1,2,3-Trichlorobenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
1,2,4-Trichlorobenzene	ND		1.00	1	10/13/2023 02:45	WG2150496
1,1,1-Trichloroethane	ND	J4	0.500	1	10/13/2023 02:45	WG2150496
1,1,2-Trichloroethane	ND		0.500	1	10/13/2023 02:45	WG2150496
Trichloroethene	ND		0.500	1	10/13/2023 02:45	WG2150496
Trichlorofluoromethane	ND		2.50	1	10/13/2023 02:45	WG2150496
1,2,3-Trichloropropane	ND		2.50	1	10/13/2023 02:45	WG2150496
1,2,4-Trimethylbenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
1,2,3-Trimethylbenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
1,3,5-Trimethylbenzene	ND		0.500	1	10/13/2023 02:45	WG2150496
Vinyl acetate	ND	C3	5.00	1	10/13/2023 02:45	WG2150496
Vinyl chloride	ND	C3	0.500	1	10/13/2023 02:45	WG2150496
Xylenes, Total	ND		1.50	1	10/13/2023 02:45	WG2150496
(S) Toluene-d8	102		80.0-120		10/13/2023 02:45	WG2150496
(S) 4-Bromofluorobenzene	102		77.0-126		10/13/2023 02:45	WG2150496
(S) 1,2-Dichloroethane-d4	108		70.0-130		10/13/2023 02:45	WG2150496

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Nitrate as (N)	2600		100	1	10/12/2023 00:19	WG2149337
Nitrite as (N)	ND		100	1	10/12/2023 00:19	WG2149337
Sulfate	9080		5000	1	10/12/2023 00:19	WG2149337

Wet Chemistry by Method 5310 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TOC (Total Organic Carbon)	ND		1000	1	10/14/2023 23:24	WG2151243

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Iron	384		100	1	10/22/2023 14:06	WG2149707
Iron,Dissolved	ND		100	1	10/16/2023 16:16	WG2149690
Manganese	16.8		5.00	1	10/22/2023 14:06	WG2149707
Manganese,Dissolved	ND		5.00	1	10/16/2023 16:16	WG2149690

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Methane	ND		10.0	1	10/14/2023 13:44	WG2150987
Ethane	ND		13.0	1	10/14/2023 13:44	WG2150987
Ethene	ND		13.0	1	10/14/2023 13:44	WG2150987

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		25.0	1	10/13/2023 03:06	WG2150496
Acrylonitrile	ND		5.00	1	10/13/2023 03:06	WG2150496
Benzene	ND		0.500	1	10/13/2023 03:06	WG2150496
Bromobenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
Bromodichloromethane	ND		0.500	1	10/13/2023 03:06	WG2150496
Bromochloromethane	ND		0.500	1	10/13/2023 03:06	WG2150496
Bromoform	ND		0.500	1	10/13/2023 03:06	WG2150496
Bromomethane	ND		2.50	1	10/13/2023 03:06	WG2150496
n-Butylbenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
sec-Butylbenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
tert-Butylbenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
Carbon disulfide	ND		0.500	1	10/13/2023 03:06	WG2150496
Carbon tetrachloride	ND		0.500	1	10/13/2023 03:06	WG2150496
Chlorobenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
Chlorodibromomethane	ND		0.500	1	10/13/2023 03:06	WG2150496
Chloroethane	ND	C3	2.50	1	10/13/2023 03:06	WG2150496
Chloroform	ND		0.500	1	10/13/2023 03:06	WG2150496
Chloromethane	ND		1.25	1	10/13/2023 03:06	WG2150496
2-Chlorotoluene	ND		0.500	1	10/13/2023 03:06	WG2150496
4-Chlorotoluene	ND		0.500	1	10/13/2023 03:06	WG2150496
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/13/2023 03:06	WG2150496
1,2-Dibromoethane	ND		0.500	1	10/13/2023 03:06	WG2150496
Dibromomethane	ND		0.500	1	10/13/2023 03:06	WG2150496
1,2-Dichlorobenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
1,3-Dichlorobenzene	0.909		0.500	1	10/13/2023 03:06	WG2150496
1,4-Dichlorobenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
Dichlorodifluoromethane	ND		2.50	1	10/13/2023 03:06	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	ND		0.500	1	10/13/2023 03:06	WG2150496
1,2-Dichloroethane	ND		0.500	1	10/13/2023 03:06	WG2150496
1,1-Dichloroethene	ND		0.500	1	10/13/2023 03:06	WG2150496
cis-1,2-Dichloroethene	ND		0.500	1	10/13/2023 03:06	WG2150496
trans-1,2-Dichloroethene	ND		0.500	1	10/13/2023 03:06	WG2150496
1,2-Dichloropropane	ND		0.500	1	10/13/2023 03:06	WG2150496
1,1-Dichloropropene	ND		0.500	1	10/13/2023 03:06	WG2150496
1,3-Dichloropropane	ND		1.00	1	10/13/2023 03:06	WG2150496
cis-1,3-Dichloropropene	ND		0.500	1	10/13/2023 03:06	WG2150496
trans-1,3-Dichloropropene	ND		0.500	1	10/13/2023 03:06	WG2150496
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/13/2023 03:06	WG2150496
2,2-Dichloropropane	ND		0.500	1	10/13/2023 03:06	WG2150496
Di-isopropyl ether	ND	C3	0.500	1	10/13/2023 03:06	WG2150496
Ethylbenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
Hexachloro-1,3-butadiene	ND		1.00	1	10/13/2023 03:06	WG2150496
2-Hexanone	ND		5.00	1	10/13/2023 03:06	WG2150496
n-Hexane	ND		5.00	1	10/13/2023 03:06	WG2150496
Iodomethane	ND		5.00	1	10/13/2023 03:06	WG2150496
Isopropylbenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
p-Isopropyltoluene	ND		0.500	1	10/13/2023 03:06	WG2150496
2-Butanone (MEK)	ND		5.00	1	10/13/2023 03:06	WG2150496
Methylene Chloride	ND		2.50	1	10/13/2023 03:06	WG2150496
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/13/2023 03:06	WG2150496
Methyl tert-butyl ether	ND		0.500	1	10/13/2023 03:06	WG2150496
Naphthalene	ND		2.50	1	10/13/2023 03:06	WG2150496
n-Propylbenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
Styrene	ND		0.500	1	10/13/2023 03:06	WG2150496
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/13/2023 03:06	WG2150496
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/13/2023 03:06	WG2150496
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/13/2023 03:06	WG2150496
Tetrachloroethene	5.08		0.500	1	10/13/2023 03:06	WG2150496
Toluene	ND		0.500	1	10/13/2023 03:06	WG2150496
1,2,3-Trichlorobenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
1,2,4-Trichlorobenzene	ND		1.00	1	10/13/2023 03:06	WG2150496
1,1,1-Trichloroethane	ND	J4	0.500	1	10/13/2023 03:06	WG2150496
1,1,2-Trichloroethane	ND		0.500	1	10/13/2023 03:06	WG2150496
Trichloroethene	0.734		0.500	1	10/13/2023 03:06	WG2150496
Trichlorofluoromethane	ND		2.50	1	10/13/2023 03:06	WG2150496
1,2,3-Trichloropropane	ND		2.50	1	10/13/2023 03:06	WG2150496
1,2,4-Trimethylbenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
1,2,3-Trimethylbenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
1,3,5-Trimethylbenzene	ND		0.500	1	10/13/2023 03:06	WG2150496
Vinyl acetate	ND	C3	5.00	1	10/13/2023 03:06	WG2150496
Vinyl chloride	ND	C3	0.500	1	10/13/2023 03:06	WG2150496
Xylenes, Total	ND		1.50	1	10/13/2023 03:06	WG2150496
(S) Toluene-d8	102		80.0-120		10/13/2023 03:06	WG2150496
(S) 4-Bromofluorobenzene	100		77.0-126		10/13/2023 03:06	WG2150496
(S) 1,2-Dichloroethane-d4	109		70.0-130		10/13/2023 03:06	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Nitrate as (N)	177		100	1	10/12/2023 00:35	WG2149337
Nitrite as (N)	ND		100	1	10/12/2023 00:35	WG2149337
Sulfate	ND		5000	1	10/12/2023 00:35	WG2149337

Wet Chemistry by Method 5310 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TOC (Total Organic Carbon)	ND		1000	1	10/14/2023 23:37	WG2151243

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Iron	ND		100	1	10/22/2023 14:09	WG2149707
Iron,Dissolved	ND		100	1	10/16/2023 16:19	WG2149690
Manganese	58.3		5.00	1	10/22/2023 14:09	WG2149707
Manganese,Dissolved	11.2		5.00	1	10/16/2023 16:19	WG2149690

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Methane	ND		10.0	1	10/14/2023 13:54	WG2150987
Ethane	ND		13.0	1	10/14/2023 13:54	WG2150987
Ethene	ND		13.0	1	10/14/2023 13:54	WG2150987

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		25.0	1	10/13/2023 03:28	WG2150496
Acrylonitrile	ND		5.00	1	10/13/2023 03:28	WG2150496
Benzene	ND		0.500	1	10/13/2023 03:28	WG2150496
Bromobenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
Bromodichloromethane	ND		0.500	1	10/13/2023 03:28	WG2150496
Bromochloromethane	ND		0.500	1	10/13/2023 03:28	WG2150496
Bromoform	ND		0.500	1	10/13/2023 03:28	WG2150496
Bromomethane	ND		2.50	1	10/13/2023 03:28	WG2150496
n-Butylbenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
sec-Butylbenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
tert-Butylbenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
Carbon disulfide	ND		0.500	1	10/13/2023 03:28	WG2150496
Carbon tetrachloride	ND		0.500	1	10/13/2023 03:28	WG2150496
Chlorobenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
Chlorodibromomethane	ND		0.500	1	10/13/2023 03:28	WG2150496
Chloroethane	ND	C3	2.50	1	10/13/2023 03:28	WG2150496
Chloroform	ND		0.500	1	10/13/2023 03:28	WG2150496
Chloromethane	ND		1.25	1	10/13/2023 03:28	WG2150496
2-Chlorotoluene	ND		0.500	1	10/13/2023 03:28	WG2150496
4-Chlorotoluene	ND		0.500	1	10/13/2023 03:28	WG2150496
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/13/2023 03:28	WG2150496
1,2-Dibromoethane	ND		0.500	1	10/13/2023 03:28	WG2150496
Dibromomethane	ND		0.500	1	10/13/2023 03:28	WG2150496
1,2-Dichlorobenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
1,3-Dichlorobenzene	0.654		0.500	1	10/13/2023 03:28	WG2150496
1,4-Dichlorobenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
Dichlorodifluoromethane	ND		2.50	1	10/13/2023 03:28	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	ND		0.500	1	10/13/2023 03:28	WG2150496
1,2-Dichloroethane	ND		0.500	1	10/13/2023 03:28	WG2150496
1,1-Dichloroethene	ND		0.500	1	10/13/2023 03:28	WG2150496
cis-1,2-Dichloroethene	ND		0.500	1	10/13/2023 03:28	WG2150496
trans-1,2-Dichloroethene	ND		0.500	1	10/13/2023 03:28	WG2150496
1,2-Dichloropropane	ND		0.500	1	10/13/2023 03:28	WG2150496
1,1-Dichloropropene	ND		0.500	1	10/13/2023 03:28	WG2150496
1,3-Dichloropropane	ND		1.00	1	10/13/2023 03:28	WG2150496
cis-1,3-Dichloropropene	ND		0.500	1	10/13/2023 03:28	WG2150496
trans-1,3-Dichloropropene	ND		0.500	1	10/13/2023 03:28	WG2150496
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/13/2023 03:28	WG2150496
2,2-Dichloropropane	ND		0.500	1	10/13/2023 03:28	WG2150496
Di-isopropyl ether	ND	C3	0.500	1	10/13/2023 03:28	WG2150496
Ethylbenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
Hexachloro-1,3-butadiene	ND		1.00	1	10/13/2023 03:28	WG2150496
2-Hexanone	ND		5.00	1	10/13/2023 03:28	WG2150496
n-Hexane	ND		5.00	1	10/13/2023 03:28	WG2150496
Iodomethane	ND		5.00	1	10/13/2023 03:28	WG2150496
Isopropylbenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
p-Isopropyltoluene	ND		0.500	1	10/13/2023 03:28	WG2150496
2-Butanone (MEK)	ND		5.00	1	10/13/2023 03:28	WG2150496
Methylene Chloride	ND		2.50	1	10/13/2023 03:28	WG2150496
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/13/2023 03:28	WG2150496
Methyl tert-butyl ether	ND		0.500	1	10/13/2023 03:28	WG2150496
Naphthalene	ND		2.50	1	10/13/2023 03:28	WG2150496
n-Propylbenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
Styrene	ND		0.500	1	10/13/2023 03:28	WG2150496
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/13/2023 03:28	WG2150496
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/13/2023 03:28	WG2150496
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/13/2023 03:28	WG2150496
Tetrachloroethene	ND		0.500	1	10/13/2023 03:28	WG2150496
Toluene	ND		0.500	1	10/13/2023 03:28	WG2150496
1,2,3-Trichlorobenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
1,2,4-Trichlorobenzene	ND		1.00	1	10/13/2023 03:28	WG2150496
1,1,1-Trichloroethane	ND	J4	0.500	1	10/13/2023 03:28	WG2150496
1,1,2-Trichloroethane	ND		0.500	1	10/13/2023 03:28	WG2150496
Trichloroethene	ND		0.500	1	10/13/2023 03:28	WG2150496
Trichlorofluoromethane	ND		2.50	1	10/13/2023 03:28	WG2150496
1,2,3-Trichloropropane	ND		2.50	1	10/13/2023 03:28	WG2150496
1,2,4-Trimethylbenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
1,2,3-Trimethylbenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
1,3,5-Trimethylbenzene	ND		0.500	1	10/13/2023 03:28	WG2150496
Vinyl acetate	ND	C3	5.00	1	10/13/2023 03:28	WG2150496
Vinyl chloride	ND	C3	0.500	1	10/13/2023 03:28	WG2150496
Xylenes, Total	ND		1.50	1	10/13/2023 03:28	WG2150496
(S) Toluene-d8	101		80.0-120		10/13/2023 03:28	WG2150496
(S) 4-Bromofluorobenzene	98.5		77.0-126		10/13/2023 03:28	WG2150496
(S) 1,2-Dichloroethane-d4	110		70.0-130		10/13/2023 03:28	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Nitrate as (N)	ND		100	1	10/12/2023 00:51	WG2149337
Nitrite as (N)	ND		100	1	10/12/2023 00:51	WG2149337
Sulfate	ND		5000	1	10/12/2023 00:51	WG2149337

Wet Chemistry by Method 5310 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TOC (Total Organic Carbon)	ND		1000	1	10/15/2023 00:27	WG2151243

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Iron	492		100	1	10/22/2023 14:12	WG2149707
Iron,Dissolved	ND		100	1	10/16/2023 16:23	WG2149690
Manganese	78.9		5.00	1	10/22/2023 14:12	WG2149707
Manganese,Dissolved	66.1		5.00	1	10/16/2023 16:23	WG2149690

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Methane	57.8		10.0	1	10/14/2023 13:58	WG2150987
Ethane	ND		13.0	1	10/14/2023 13:58	WG2150987
Ethene	ND		13.0	1	10/14/2023 13:58	WG2150987

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		25.0	1	10/13/2023 03:50	WG2150496
Acrylonitrile	ND		5.00	1	10/13/2023 03:50	WG2150496
Benzene	ND		0.500	1	10/13/2023 03:50	WG2150496
Bromobenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
Bromodichloromethane	ND		0.500	1	10/13/2023 03:50	WG2150496
Bromochloromethane	ND		0.500	1	10/13/2023 03:50	WG2150496
Bromoform	ND		0.500	1	10/13/2023 03:50	WG2150496
Bromomethane	ND		2.50	1	10/13/2023 03:50	WG2150496
n-Butylbenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
sec-Butylbenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
tert-Butylbenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
Carbon disulfide	ND		0.500	1	10/13/2023 03:50	WG2150496
Carbon tetrachloride	ND		0.500	1	10/13/2023 03:50	WG2150496
Chlorobenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
Chlorodibromomethane	ND		0.500	1	10/13/2023 03:50	WG2150496
Chloroethane	ND	C3	2.50	1	10/13/2023 03:50	WG2150496
Chloroform	ND		0.500	1	10/13/2023 03:50	WG2150496
Chloromethane	ND		1.25	1	10/13/2023 03:50	WG2150496
2-Chlorotoluene	ND		0.500	1	10/13/2023 03:50	WG2150496
4-Chlorotoluene	ND		0.500	1	10/13/2023 03:50	WG2150496
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/13/2023 03:50	WG2150496
1,2-Dibromoethane	ND		0.500	1	10/13/2023 03:50	WG2150496
Dibromomethane	ND		0.500	1	10/13/2023 03:50	WG2150496
1,2-Dichlorobenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
1,3-Dichlorobenzene	0.531		0.500	1	10/13/2023 03:50	WG2150496
1,4-Dichlorobenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
Dichlorodifluoromethane	ND		2.50	1	10/13/2023 03:50	WG2150496

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	ND		0.500	1	10/13/2023 03:50	WG2150496
1,2-Dichloroethane	ND		0.500	1	10/13/2023 03:50	WG2150496
1,1-Dichloroethene	ND		0.500	1	10/13/2023 03:50	WG2150496
cis-1,2-Dichloroethene	0.760		0.500	1	10/13/2023 03:50	WG2150496
trans-1,2-Dichloroethene	ND		0.500	1	10/13/2023 03:50	WG2150496
1,2-Dichloropropane	ND		0.500	1	10/13/2023 03:50	WG2150496
1,1-Dichloropropene	ND		0.500	1	10/13/2023 03:50	WG2150496
1,3-Dichloropropane	ND		1.00	1	10/13/2023 03:50	WG2150496
cis-1,3-Dichloropropene	ND		0.500	1	10/13/2023 03:50	WG2150496
trans-1,3-Dichloropropene	ND		0.500	1	10/13/2023 03:50	WG2150496
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/13/2023 03:50	WG2150496
2,2-Dichloropropane	ND		0.500	1	10/13/2023 03:50	WG2150496
Di-isopropyl ether	ND	C3	0.500	1	10/13/2023 03:50	WG2150496
Ethylbenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
Hexachloro-1,3-butadiene	ND		1.00	1	10/13/2023 03:50	WG2150496
2-Hexanone	ND		5.00	1	10/13/2023 03:50	WG2150496
n-Hexane	ND		5.00	1	10/13/2023 03:50	WG2150496
Iodomethane	ND		5.00	1	10/13/2023 03:50	WG2150496
Isopropylbenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
p-Isopropyltoluene	ND		0.500	1	10/13/2023 03:50	WG2150496
2-Butanone (MEK)	ND		5.00	1	10/13/2023 03:50	WG2150496
Methylene Chloride	ND		2.50	1	10/13/2023 03:50	WG2150496
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/13/2023 03:50	WG2150496
Methyl tert-butyl ether	ND		0.500	1	10/13/2023 03:50	WG2150496
Naphthalene	ND		2.50	1	10/13/2023 03:50	WG2150496
n-Propylbenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
Styrene	ND		0.500	1	10/13/2023 03:50	WG2150496
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/13/2023 03:50	WG2150496
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/13/2023 03:50	WG2150496
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/13/2023 03:50	WG2150496
Tetrachloroethene	76.8		0.500	1	10/13/2023 03:50	WG2150496
Toluene	ND		0.500	1	10/13/2023 03:50	WG2150496
1,2,3-Trichlorobenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
1,2,4-Trichlorobenzene	ND		1.00	1	10/13/2023 03:50	WG2150496
1,1,1-Trichloroethane	ND	J4	0.500	1	10/13/2023 03:50	WG2150496
1,1,2-Trichloroethane	ND		0.500	1	10/13/2023 03:50	WG2150496
Trichloroethene	3.90		0.500	1	10/13/2023 03:50	WG2150496
Trichlorofluoromethane	ND		2.50	1	10/13/2023 03:50	WG2150496
1,2,3-Trichloropropane	ND		2.50	1	10/13/2023 03:50	WG2150496
1,2,4-Trimethylbenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
1,2,3-Trimethylbenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
1,3,5-Trimethylbenzene	ND		0.500	1	10/13/2023 03:50	WG2150496
Vinyl acetate	ND	C3	5.00	1	10/13/2023 03:50	WG2150496
Vinyl chloride	ND	C3	0.500	1	10/13/2023 03:50	WG2150496
Xylenes, Total	ND		1.50	1	10/13/2023 03:50	WG2150496
(S) Toluene-d8	100		80.0-120		10/13/2023 03:50	WG2150496
(S) 4-Bromofluorobenzene	100		77.0-126		10/13/2023 03:50	WG2150496
(S) 1,2-Dichloroethane-d4	112		70.0-130		10/13/2023 03:50	WG2150496

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3988046-1 10/11/23 11:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Nitrate as (N)	U		48.0	100
Nitrite as (N)	U		42.0	100
Sulfate	U		594	5000

L1664986-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1664986-03 10/11/23 22:59 • (DUP) R3988046-3 10/12/23 01:47

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate as (N)	271	ND	1	135	P1	15
Nitrite as (N)	ND	ND	1	0.000		15
Sulfate	6850	6630	1	3.35		15

L1665027-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1665027-03 10/12/23 01:31 • (DUP) R3988046-6 10/12/23 04:42

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate as (N)	ND	ND	1	3.83		15
Nitrite as (N)	ND	ND	1	0.000		15
Sulfate	26500	26400	1	0.281		15

Laboratory Control Sample (LCS)

(LCS) R3988046-2 10/11/23 11:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate as (N)	8000	7900	98.7	90.0-110	
Nitrite as (N)	8000	8400	105	90.0-110	
Sulfate	40000	40800	102	90.0-110	

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Cp

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Tc

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Ss

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Cn

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Sr

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Qc

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Gl

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Al

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Sc

L1664986-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1664986-03 10/11/23 22:59 • (MS) R3988046-4 10/12/23 02:03 • (MSD) R3988046-5 10/12/23 02:19

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Nitrate as (N)	8000	271	7850	7750	94.7	93.5	1	80.0-120			1.18	15
Nitrite as (N)	8000	ND	8300	8230	104	103	1	80.0-120			0.833	15
Sulfate	40000	6850	45600	45300	96.9	96.1	1	80.0-120			0.654	15

L1665027-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1665027-03 10/12/23 01:31 • (MS) R3988046-7 10/12/23 04:58

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Nitrate as (N)	8000	ND	7710	95.7	1	80.0-120	
Nitrite as (N)	8000	ND	8260	103	1	80.0-120	
Sulfate	40000	26500	61900	88.4	1	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3986491-2 10/14/23 17:31

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	232	⬇	102	1000

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1664986-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1664986-04 10/14/23 22:42 • (DUP) R3986491-3 10/14/23 22:56

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	ND	ND	1	2.09		20

L1665049-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1665049-06 10/16/23 06:12 • (DUP) R3986491-8 10/16/23 06:27

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	1390	1110	1	22.1	P1	20

Laboratory Control Sample (LCS)

(LCS) R3986491-1 10/14/23 17:18

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	25800	103	85.0-115	

L1664986-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1664986-09 10/15/23 00:27 • (MS) R3986491-4 10/15/23 00:51 • (MSD) R3986491-5 10/15/23 01:14

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	ND	26700	26400	105	103	1	80.0-120			1.28	20

L1665030-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1665030-05 10/15/23 02:29 • (MS) R3986491-6 10/15/23 02:53 • (MSD) R3986491-7 10/15/23 03:17

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	2040	28000	28000	104	104	1	80.0-120			0.0714	20

Method Blank (MB)

(MB) R3989387-1 10/21/23 17:00

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Iron,Dissolved	U		28.1	100
Manganese,Dissolved	0.722	J	0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3989387-2 10/21/23 17:03

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Iron,Dissolved	1000	993	99.3	80.0-120	
Manganese,Dissolved	50.0	50.7	101	80.0-120	

L1664986-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1664986-03 10/21/23 17:06 • (MS) R3989387-4 10/21/23 17:13 • (MSD) R3989387-5 10/21/23 17:16

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron,Dissolved	1000	ND	1010	1030	101	103	1	75.0-125			1.80	20
Manganese,Dissolved	50.0	13.2	63.8	63.2	101	100	1	75.0-125			0.933	20

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Cp

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Tc

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Ss

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Cn

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Sr

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Qc

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Gl

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Al

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Sc

Method Blank (MB)

(MB) R3986953-1 10/16/23 15:18

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iron,Dissolved	U		28.1	100
Manganese,Dissolved	1.04	⬇	0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3986953-2 10/16/23 15:21

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron,Dissolved	1000	983	98.3	80.0-120	
Manganese,Dissolved	50.0	49.5	99.0	80.0-120	

L1664742-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1664742-01 10/16/23 15:24 • (MS) R3986953-4 10/16/23 15:31 • (MSD) R3986953-5 10/16/23 15:34

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 %
Iron,Dissolved	1000	ND	1010	998	95.9	94.9	1	75.0-125			0.973	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3989456-1 10/22/23 13:03

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Iron	U		28.1	100
Manganese	U		0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3989456-2 10/22/23 13:06

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Iron	1000	1070	107	80.0-120	
Manganese	50.0	55.4	111	80.0-120	

L1664986-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1664986-02 10/22/23 13:10 • (MS) R3989456-4 10/22/23 13:16 • (MSD) R3989456-5 10/22/23 13:20

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron	1000	539	1600	1660	106	112	1	75.0-125			3.84	20
Manganese	50.0	365	418	421	107	112	1	75.0-125			0.597	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R3986247-2 10/14/23 11:36

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	2.98	⌵	2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0

L1664766-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1664766-03 10/14/23 13:00 • (DUP) R3986247-3 10/14/23 13:05

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	ND	ND	1	4.30		20
Ethane	ND	ND	1	0.000		20
Ethene	ND	ND	1	0.000		20

L1664986-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1664986-08 10/14/23 13:54 • (DUP) R3986247-4 10/14/23 14:03

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	ND	ND	1	0.000		20
Ethane	ND	ND	1	0.000		20
Ethene	ND	ND	1	0.000		20

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

(LCS) R3986247-1 10/14/23 11:33 • (LCSD) R3986247-7 10/14/23 14:34

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	%	%	%			%	%
Methane	67.8	70.2	72.4	104	107	85.0-115			3.09	20
Ethane	129	116	117	89.9	90.7	85.0-115			0.858	20
Ethene	127	116	117	91.3	92.1	85.0-115			0.858	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1664766-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1664766-01 10/14/23 12:52 • (MS) R3986247-5 10/14/23 14:27 • (MSD) R3986247-6 10/14/23 14:31

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Methane	67.8	20.3	90.2	88.3	103	100	1	50.0-150			2.13	20
Ethane	129	ND	128	126	99.2	97.7	1	50.0-150			1.57	20
Ethene	127	ND	128	125	101	98.4	1	50.0-150			2.37	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3985964-3 10/12/23 20:49

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromochloromethane	U		0.128	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
trans-1,4-Dichloro-2-butene	U		0.467	5.00
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3985964-3 10/12/23 20:49

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.137	0.500
Hexachloro-1,3-butadiene	U		0.337	1.00
2-Hexanone	U		0.787	5.00
n-Hexane	U		0.749	5.00
Iodomethane	U		0.554	5.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl acetate	U		0.692	5.00
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	103			80.0-120
(S) 4-Bromofluorobenzene	100			77.0-126
(S) 1,2-Dichloroethane-d4	109			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3985964-1 10/12/23 19:43 • (LCSD) R3985964-2 10/12/23 20:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	27.7	27.2	111	109	19.0-160			1.82	27
Acrylonitrile	25.0	21.7	20.8	86.8	83.2	55.0-149			4.24	20
Benzene	5.00	4.78	4.83	95.6	96.6	70.0-123			1.04	20
Bromobenzene	5.00	5.04	4.88	101	97.6	73.0-121			3.23	20
Bromodichloromethane	5.00	5.85	5.56	117	111	75.0-120			5.08	20
Bromochloromethane	5.00	5.27	5.34	105	107	76.0-122			1.32	20
Bromoform	5.00	5.73	5.37	115	107	68.0-132			6.49	20
Bromomethane	5.00	4.00	3.97	80.0	79.4	10.0-160			0.753	25
n-Butylbenzene	5.00	4.56	4.47	91.2	89.4	73.0-125			1.99	20
sec-Butylbenzene	5.00	4.90	4.70	98.0	94.0	75.0-125			4.17	20
tert-Butylbenzene	5.00	5.31	5.05	106	101	76.0-124			5.02	20
Carbon disulfide	5.00	4.73	4.60	94.6	92.0	61.0-128			2.79	20
Carbon tetrachloride	5.00	5.99	5.78	120	116	68.0-126			3.57	20
Chlorobenzene	5.00	4.97	4.83	99.4	96.6	80.0-121			2.86	20
Chlorodibromomethane	5.00	6.16	5.98	123	120	77.0-125			2.97	20
Chloroethane	5.00	3.22	3.43	64.4	68.6	47.0-150			6.32	20
Chloroform	5.00	5.50	5.42	110	108	73.0-120			1.47	20
Chloromethane	5.00	4.40	4.38	88.0	87.6	41.0-142			0.456	20
2-Chlorotoluene	5.00	5.27	5.02	105	100	76.0-123			4.86	20
4-Chlorotoluene	5.00	5.31	5.05	106	101	75.0-122			5.02	20
1,2-Dibromo-3-Chloropropane	5.00	4.87	4.54	97.4	90.8	58.0-134			7.01	20
1,2-Dibromoethane	5.00	5.06	5.18	101	104	80.0-122			2.34	20
Dibromomethane	5.00	5.33	5.32	107	106	80.0-120			0.188	20
1,2-Dichlorobenzene	5.00	5.33	5.09	107	102	79.0-121			4.61	20
1,3-Dichlorobenzene	5.00	5.42	5.25	108	105	79.0-120			3.19	20
1,4-Dichlorobenzene	5.00	5.46	5.20	109	104	79.0-120			4.88	20
Dichlorodifluoromethane	5.00	7.45	6.84	149	137	51.0-149			8.54	20
1,1-Dichloroethane	5.00	4.60	4.50	92.0	90.0	70.0-126			2.20	20
1,2-Dichloroethane	5.00	5.54	5.37	111	107	70.0-128			3.12	20
1,1-Dichloroethene	5.00	5.08	5.17	102	103	71.0-124			1.76	20
cis-1,2-Dichloroethene	5.00	4.94	4.93	98.8	98.6	73.0-120			0.203	20
trans-1,2-Dichloroethene	5.00	5.18	5.03	104	101	73.0-120			2.94	20
1,2-Dichloropropane	5.00	4.59	4.48	91.8	89.6	77.0-125			2.43	20
1,1-Dichloropropene	5.00	5.25	5.27	105	105	74.0-126			0.380	20
1,3-Dichloropropane	5.00	4.97	4.89	99.4	97.8	80.0-120			1.62	20
cis-1,3-Dichloropropene	5.00	5.05	5.14	101	103	80.0-123			1.77	20
trans-1,3-Dichloropropene	5.00	5.32	5.04	106	101	78.0-124			5.41	20
trans-1,4-Dichloro-2-butene	5.00	3.35	3.54	67.0	70.8	33.0-144			5.52	20
2,2-Dichloropropane	5.00	4.85	4.58	97.0	91.6	58.0-130			5.73	20
Di-isopropyl ether	5.00	3.91	3.94	78.2	78.8	58.0-138			0.764	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

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

(LCS) R3985964-1 10/12/23 19:43 • (LCSD) R3985964-2 10/12/23 20:05

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 %
Ethylbenzene	5.00	5.03	4.77	101	95.4	79.0-123			5.31	20
Hexachloro-1,3-butadiene	5.00	5.29	4.95	106	99.0	54.0-138			6.64	20
2-Hexanone	25.0	22.8	22.1	91.2	88.4	67.0-149			3.12	20
n-Hexane	5.00	4.28	4.15	85.6	83.0	57.0-133			3.08	20
Iodomethane	25.0	25.9	25.2	104	101	33.0-147			2.74	26
Isopropylbenzene	5.00	5.15	4.91	103	98.2	76.0-127			4.77	20
p-Isopropyltoluene	5.00	5.06	4.88	101	97.6	76.0-125			3.62	20
2-Butanone (MEK)	25.0	21.5	21.0	86.0	84.0	44.0-160			2.35	20
Methylene Chloride	5.00	4.65	4.63	93.0	92.6	67.0-120			0.431	20
4-Methyl-2-pentanone (MIBK)	25.0	20.3	19.8	81.2	79.2	68.0-142			2.49	20
Methyl tert-butyl ether	5.00	4.85	4.63	97.0	92.6	68.0-125			4.64	20
Naphthalene	5.00	4.96	4.64	99.2	92.8	54.0-135			6.67	20
n-Propylbenzene	5.00	5.16	4.96	103	99.2	77.0-124			3.95	20
Styrene	5.00	4.75	4.64	95.0	92.8	73.0-130			2.34	20
1,1,1,2-Tetrachloroethane	5.00	5.27	5.30	105	106	75.0-125			0.568	20
1,1,2,2-Tetrachloroethane	5.00	4.52	4.61	90.4	92.2	65.0-130			1.97	20
1,1,2-Trichlorotrifluoroethane	5.00	5.02	4.63	100	92.6	69.0-132			8.08	20
Tetrachloroethene	5.00	5.73	5.53	115	111	72.0-132			3.55	20
Toluene	5.00	5.18	5.01	104	100	79.0-120			3.34	20
1,2,3-Trichlorobenzene	5.00	4.80	4.76	96.0	95.2	50.0-138			0.837	20
1,2,4-Trichlorobenzene	5.00	4.87	4.69	97.4	93.8	57.0-137			3.77	20
1,1,1-Trichloroethane	5.00	6.38	6.35	128	127	73.0-124	J4	J4	0.471	20
1,1,2-Trichloroethane	5.00	5.09	5.30	102	106	80.0-120			4.04	20
Trichloroethene	5.00	5.55	5.54	111	111	78.0-124			0.180	20
Trichlorofluoromethane	5.00	5.72	5.45	114	109	59.0-147			4.83	20
1,2,3-Trichloropropane	5.00	5.38	5.88	108	118	73.0-130			8.88	20
1,2,4-Trimethylbenzene	5.00	5.12	4.91	102	98.2	76.0-121			4.19	20
1,2,3-Trimethylbenzene	5.00	5.00	4.86	100	97.2	77.0-120			2.84	20
1,3,5-Trimethylbenzene	5.00	5.16	4.95	103	99.0	76.0-122			4.15	20
Vinyl acetate	25.0	14.7	13.9	58.8	55.6	11.0-160			5.59	20
Vinyl chloride	5.00	3.56	3.68	71.2	73.6	67.0-131			3.31	20
Xylenes, Total	15.0	14.7	14.3	98.0	95.3	79.0-123			2.76	20
(S) Toluene-d8				104	102	80.0-120				
(S) 4-Bromofluorobenzene				103	103	77.0-126				
(S) 1,2-Dichloroethane-d4				114	114	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

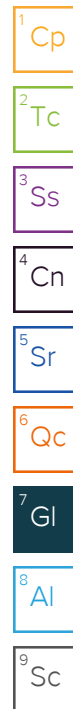
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

Abbreviations and Definitions

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

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.



ACCREDITATIONS & LOCATIONS

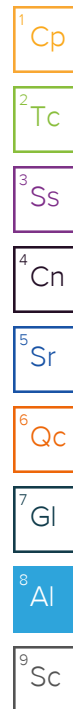
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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



Company Name/Address: PNG Environmental 6665 SW Hampton St., Suite 101 Tigard, OR 97223		Billing Information: Accounts Payable- Arla Johnson 6665 SW Hampton St. Suite 101 Tigard, OR 97223		Pres Chk		Analysis / Container / Preservative										Chain of Custody Page 1 of 1	
Report to: Guy Tanz		Email To: gtanz@pngenv.com														 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf	
Project Description:		City/State Collected: Springfield, OR		Please Circle: PT MT CT ET													
Phone: 503-620-2387		Client Project # 1176		Lab Project # PNGENVTOR-SPRINGVILL												SDC # 41449810 1034	
Collected by (print): <i>Jay Griffin</i>		Site/Facility ID # SPRINGFIELD, OR		P.O. # 1176												Acctnum: PNGENVTOR Template: T237420 Prelogin: P1023137 PM: 110 - Brian Ford PB:	
Collected by (signature): <i>Jay Griffin</i>		Rush? (Lab MUST Be Notified) Same Day Five Day Next Day 5 Day (Rad Only) Two Day 10 Day (Rad Only) Three Day		Quote #												Shipped Via:	
Immediately Packed on Ice N Y		Date Results Needed		No. of Cntrs												Remarks Sample # (lab only)	
Sample ID		Comp/Grab		Matrix *		Depth		Date		Time		Cntrs					
TB-101023		G		GW		101023		0700		9				-01			
NW-2464				GW				0815		9		+ + + + +		-02			
NW-2467				GW				0859		9		+ + + + +		-03			
NW-2562				GW				1005		9		+ + + + +		-04			
NW-2564				GW				0948		9		+ + + + +		-05			
NW-445				GW				1151		3				-06			
NW-449				GW				1144		9		+ + + + +		-07			
NW-446				GW				1111		9		+ + + + +		-08			
NW-3464				GW				1243		9		+ + + + +		-09			
				GW													
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks: *NO3,NO2 have a 48 hour holding time.		pH Temp Flow Other												Sample Receipt Checklist COC Seal Present/Intact: NP N COC Signed/Accurate: N Bottles arrive intact: N Correct bottles used: N Sufficient volume sent: N If Applicable VOA Zero Headspace: N Preservation Correct/Checked: N RAD Screen <0.5 mR/hr: N	
Samples returned via: UPS FedEx Courier		Tracking # 6643 42972256															
Relinquished by: (Signature) <i>Jay Griffin</i>		Date: 10-10-23		Time: 1500		Received by: (Signature) <i>Tamara McGowan</i>		Trip Blank Received: Yes/No 1 HCL / MeOH TBR		Temp: °C 67		Bottles Received: 67		If prese PH-10BDH4321 TRC 2362742 CR6-20221V			
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Temp: °C		Bottles Received:		Hold:		Condition: NCF / OK			
Relinquished by: (Signature)		Date:		Time:		Received for lab by: (Signature) <i>Tamara McGowan</i>		Date: 10-11-23		Time: 0900							



10515 Research Drive
Knoxville, TN 37932
Phone: (865) 573-8188
Fax: (865) 573-8133



Client: Guy Tanz
PNG Environmental, Inc.
6665 SW Hampton St
Suite 101
Tigard, OR 97223

Phone: 503-620-2387

Fax:

Identifier: 021UJ

Date Rec: 10/11/2023

Report Date: 10/17/2023

Client Project #: 1176

Client Project Name: Springfield

Purchase Order #:

Test results provided for: CENSUS

Reviewed By:

NOTICE: This report is intended only for the addressee shown above and may contain confidential or privileged information. If the recipient of this material is not the intended recipient or if you have received this in error, please notify Microbial Insights, Inc. immediately. The data and other information in this report represent only the sample(s) analyzed and are rendered upon condition that it is not to be reproduced without approval from Microbial Insights, Inc. Thank you for your cooperation.

Results relate only to the items tested and the sample(s) as received by the laboratory.

MICROBIAL INSIGHTS, INC.

10515 Research Dr., Knoxville, TN 37932
Tel. (865) 573-8188 Fax. (865) 573-8133

CENSUS

Client: PNG Environmental, Inc.
Project: Springfield

MI Project Number: 021UJ
Date Received: 10/11/2023

Sample Information

Client Sample ID:	MW-24 C4	MW-24 C7	MW-25 C2	MW-25 C4	MW-44i
Sample Date:	10/10/2023	10/10/2023	10/10/2023	10/10/2023	10/10/2023
Units:	cells/mL	cells/mL	cells/mL	cells/mL	cells/mL
Analyst/Reviewer:	AR/SK	AR/SK	AR/SK	AR/SK	AR/SK

Dechlorinating Bacteria

<i>Dehalococcoides</i>	<i>DHC</i>	5.97E+01	4.30E+00	5.42E+03	3.77E+03	9.00E-01
------------------------	------------	----------	----------	----------	----------	----------

Legend:

NA = Not Analyzed NS = Not Sampled J = Estimated gene copies below PQL but above LQL I = Inhibited
< = Result not detected

MICROBIAL INSIGHTS, INC.

10515 Research Dr., Knoxville, TN 37932
Tel. (865) 573-8188 Fax. (865) 573-8133

CENSUS

Client: PNG Environmental, Inc.
Project: Springfield

MI Project Number: 021UJ
Date Received: 10/11/2023

Sample Information

Client Sample ID:	MW-44d	MW-34 C4	MW-27 C3	MW-27 C7	MW-47i
Sample Date:	10/10/2023	10/10/2023	10/11/2023	10/11/2023	10/11/2023
Units:	cells/mL	cells/mL	cells/mL	cells/mL	cells/mL
Analyst/Reviewer:	AR/SK	AR/SK	AR/SK	AR/SK	AR/SK

Dechlorinating Bacteria

<i>Dehalococcoides</i>	<i>DHC</i>	1.65E+01	7.82E+02	8.00E-01	1.02E+02	<5.00E-01
------------------------	------------	----------	----------	----------	----------	-----------

Legend:

NA = Not Analyzed NS = Not Sampled J = Estimated gene copies below PQL but above LQL I = Inhibited
< = Result not detected

MICROBIAL INSIGHTS, INC.

10515 Research Dr., Knoxville, TN 37932
Tel. (865) 573-8188 Fax. (865) 573-8133

CENSUS

Client: PNG Environmental, Inc.
Project: Springfield

MI Project Number: 021UJ
Date Received: 10/11/2023

Sample Information

Client Sample ID:	MW-47d	MW-49i	MW-35i
Sample Date:	10/11/2023	10/11/2023	10/11/2023
Units:	cells/mL	cells/mL	cells/mL
Analyst/Reviewer:	AR/SK	AR/SK	AR/SK

Dechlorinating Bacteria

<i>Dehalococcoides</i>	DHC	<5.00E-01	1.00E-01(J)	5.00E-01(J)
------------------------	-----	-----------	-------------	-------------

Legend:

NA = Not Analyzed NS = Not Sampled J = Estimated gene copies below PQL but above LQL I = Inhibited
< = Result not detected

Quality Assurance/Quality Control Data

Samples Received 10/11/2023

Component	Date Prepared	Date Analyzed	Arrival Temperature	Positive Control	Extraction Blank	Negative Control
DHC	10/11/2023	10/17/2023	0 °C	106%	non-detect	non-detect

Samples Received 10/12/2023

Component	Date Prepared	Date Analyzed	Arrival Temperature	Positive Control	Extraction Blank	Negative Control
DHC	10/12/2023	10/17/2023	0 °C	105%	non-detect	non-detect

REPORT TO:

Name: Gly Tair
 Company: PRG Environmental
 Address: 6605 SW Hampton
Tigard OR 97267

email: gtair@prgenv.com
 Phone: 503 620-2357

Project Manager: same
 PM Email: _____
 Project Name: Springfield
 Project No.: 1176

INVOICE TO: (For invoices paid by a third party it is imperative that all information be provided)

Name: Gly Tair
 Company: same
 Address: _____

email: _____
 Phone: _____

Purchase Order No. _____
 Subcontract No. _____
 MI Quote No. _____



10515 Research Dr
 Knoxville, TN 37932
 865-573-8188

www.microbe.com

Please Check One:

- ☒ More samples to follow
☐ No Additional Samples

Report Type: ☒ Standard (default) ☐ Microbial Insights Level III raw data(15% surcharge) ☐ Microbial Insights Level IV (25% surcharge) ☐ Comprehensive Report(15%)

EDD type: ☐ Microbial Insights Standard (default) ☐ Specialty EDDs (5% surcharge) Specialty EDD Type: _____

Please contact us with any questions about the analyses or filling out the COC at (865) 573-8188 (9:00 am to 5:00 pm EST, M-F). After hours email: customerservice@microbe.com

Sample Information						Analyses																													
MI ID (Laboratory Use Only)	Sample Name	Date Sampled	Time Sampled	Matrix	Total Number of Containers	PLFA	NGS	QuantArray Chlor ¹	QuantArray Petro ¹	QuantArray NSZD ¹	QuantArray BGC ¹	DHC (Dehalococoides)	DHC Functional genes (bvs, tss, vcr)	DHB1 (Dehalobacter)	DHG (Dehalogenimonas)	DSM (Desulfuromonas)	DSB (Desulfotobacterium)	EBAC (Total)	SRB (Sulfate Reducing Bacteria-APS)	MGN (Methanogens)	MOB (Methanotrophs)	SMMO (Soluble Methane Monooxi)	DNF (Denitrifiers-nirS and nirK)	PM1 (MTBE aerobic)	RMO (Toluene Monooxygenase)	RDEG (Toluene Monooxygenase)	PHE (Phenol Hydroxylase)	NAH (Naphthalene-aerobic)	BSSA (Toluene/Xylene-Anaerobic)	add. qPCR:	add. qPCR:	add. qPCR:	RNA (Expression Option) ²		
021051	MW-24 C4	10/03	1015	W	1								X																						
2	MW-24 C7		0959		1								X																						
3	MW-25 C2		1005		1								X																						
4	MW-25 C4		0948		1								X																						
5	MW-44i		1144		1								X																						
6	MW-44d		1111		1								X																						
7	MW-34 C4		1243		1								X																						

Relinquished by: [Signature] Date: 10-10-23 Received by: [Signature] (lab use only) Date: 10/11/23

It is vital that chain of custody is filled out correctly & that all information is provided. Failure to provide sufficient and/or correct information regarding reporting, invoicing & analyses requested may result in delays for which MI will not be liable.

¹ If a QuantArray is selected only additional targets not already included need to be marked.

² Additional cost and sample preservation are associated with RNA samples

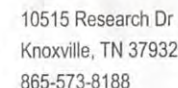
SATURDAY DELIVERY: See sampling protocol for the alternate shipping address and special instructions.

Name: Guy Taitz
Company: PUG Enterprises, Inc
Address: 6645 SW Highway 54
Tigard OR 97267
email: g.taitz@puginc.com
Phone: 503.678.7367

Project Manager: SANB
PM Email: _____
Project Name: Springfield
Project No.: 1176

Name: Buy T912
Company: same
Address: _____

email: _____
Phone: _____



Purchase Order No. _____
Subcontract No. _____
MI Quote No. _____

☐ More samples to follow
☒ No Additional Samples

Please contact us with any questions about the analyses or filling out the COC at (865) 573-8188 (9:00 am to 5:00 pm EST, M-F). After hours email: customerservice@microbe.com

[illegible]

It is vital that chain of custody is filled out correctly & that all information is provided. Failure to provide sufficient and/or correct information regarding reporting, invoicing & analyses requested may result in delays for which MI will not be liable.

¹ If a QuantArray is selected only additional targets not already included need to be marked.

² Additional cost and sample preservation are associated with RNA samples

SATURDAY DELIVERY: See sampling protocol for the alternate shipping address and special instructions.

PNG Environmental

Sample Delivery Group: L1665642
Samples Received: 10/12/2023
Project Number: 1176
Description:
Site: SPRINGFIELD, OR
Report To: Guy Tanz
6665 SW Hampton St., Suite 101
Tigard, OR 97223

Entire Report Reviewed By:



Brian Ford
Project Manager

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

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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

SAMPLE SUMMARY

TB-10123 L1665642-01 GW

				Collected by Jay Greifer	Collected date/time 10/11/23 08:01	Received date/time 10/12/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150892	1	10/17/23 13:21	10/17/23 13:21	ACG	Mt. Juliet, TN

MW-27C3 L1665642-02 GW

				Collected by Jay Greifer	Collected date/time 10/11/23 09:11	Received date/time 10/12/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2149919	1	10/13/23 00:23	10/13/23 00:23	GEB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2011	WG2152602	1	10/18/23 12:23	10/18/23 12:23	AW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150582	1	10/17/23 11:51	10/23/23 00:26	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150582	5	10/17/23 11:51	10/23/23 11:07	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150592	1	10/15/23 12:27	10/23/23 00:19	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150592	5	10/15/23 12:27	10/23/23 14:29	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2151427	1	10/16/23 15:11	10/16/23 15:11	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150892	1	10/17/23 18:07	10/17/23 18:07	ACG	Mt. Juliet, TN

MW-27C7 L1665642-03 GW

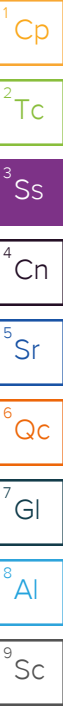
				Collected by Jay Greifer	Collected date/time 10/11/23 09:19	Received date/time 10/12/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2149919	1	10/13/23 00:35	10/13/23 00:35	GEB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2011	WG2152602	1	10/18/23 12:38	10/18/23 12:38	AW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150582	1	10/17/23 11:51	10/23/23 00:29	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150592	1	10/15/23 12:27	10/23/23 00:22	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2151427	1	10/16/23 15:13	10/16/23 15:13	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150892	1	10/17/23 18:26	10/17/23 18:26	ACG	Mt. Juliet, TN

MW-47I L1665642-04 GW

				Collected by Jay Greifer	Collected date/time 10/11/23 11:09	Received date/time 10/12/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2149919	1	10/13/23 00:48	10/13/23 00:48	GEB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2011	WG2152602	1	10/18/23 12:52	10/18/23 12:52	AW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150582	1	10/17/23 11:51	10/23/23 00:33	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150592	1	10/15/23 12:27	10/23/23 00:26	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150592	5	10/15/23 12:27	10/23/23 14:32	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2151427	1	10/16/23 15:20	10/16/23 15:20	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150892	1	10/17/23 18:45	10/17/23 18:45	ACG	Mt. Juliet, TN

MW-47D L1665642-05 GW

				Collected by Jay Greifer	Collected date/time 10/11/23 10:25	Received date/time 10/12/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2149919	1	10/13/23 01:00	10/13/23 01:00	GEB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2011	WG2152602	1	10/18/23 13:06	10/18/23 13:06	AW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150582	1	10/17/23 11:51	10/23/23 00:36	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150592	1	10/15/23 12:27	10/23/23 00:06	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150592	5	10/15/23 12:27	10/23/23 14:26	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2151427	1	10/16/23 15:23	10/16/23 15:23	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2150892	1	10/17/23 19:04	10/17/23 19:04	ACG	Mt. Juliet, TN



SAMPLE SUMMARY

MW-47S L1665642-06 GW

Collected by
Jay Greifer

Collected date/time
10/11/23 10:51

Received date/time
10/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2151501	1	10/15/23 01:42	10/15/23 01:42	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2154475	1	10/19/23 21:49	10/19/23 21:49	JHH	Mt. Juliet, TN

MW-49S L1665642-07 GW

Collected by
Jay Greifer

Collected date/time
10/11/23 11:40

Received date/time
10/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2151501	1	10/15/23 02:02	10/15/23 02:02	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2154475	1	10/19/23 22:11	10/19/23 22:11	JHH	Mt. Juliet, TN

MW-49I L1665642-08 GW

Collected by
Jay Greifer

Collected date/time
10/11/23 12:00

Received date/time
10/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2149919	1	10/13/23 01:13	10/13/23 01:13	GEB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2011	WG2152602	1	10/18/23 13:19	10/18/23 13:19	AW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150581	1	10/14/23 10:48	10/19/23 11:24	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150592	1	10/15/23 12:27	10/23/23 00:29	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2152303	1	10/17/23 13:42	10/17/23 13:42	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2151501	1	10/15/23 02:21	10/15/23 02:21	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2154475	1	10/19/23 22:32	10/19/23 22:32	JHH	Mt. Juliet, TN

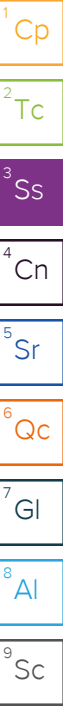
MW-35I L1665642-09 GW

Collected by
Jay Greifer

Collected date/time
10/11/23 12:50

Received date/time
10/12/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 300.0	WG2150288	1	10/12/23 23:46	10/12/23 23:46	GEB	Mt. Juliet, TN
Wet Chemistry by Method 5310 B-2011	WG2152602	1	10/18/23 13:33	10/18/23 13:33	AW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150581	1	10/14/23 10:48	10/19/23 11:27	JPD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150592	1	10/15/23 12:27	10/23/23 00:39	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2150592	5	10/15/23 12:27	10/23/23 14:36	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2152303	1	10/17/23 13:45	10/17/23 13:45	BAW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2151501	1	10/15/23 02:40	10/15/23 02:40	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2154475	1	10/19/23 22:54	10/19/23 22:54	JHH	Mt. Juliet, TN



CASE NARRATIVE

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

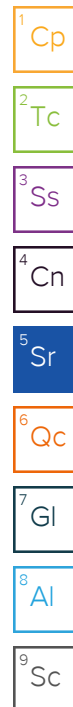


Brian Ford
Project Manager

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

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	25.0	1	10/17/2023 13:21	WG2150892
Acrylonitrile	ND		5.00	1	10/17/2023 13:21	WG2150892
Benzene	ND		0.500	1	10/17/2023 13:21	WG2150892
Bromobenzene	ND		0.500	1	10/17/2023 13:21	WG2150892
Bromodichloromethane	ND		0.500	1	10/17/2023 13:21	WG2150892
Bromochloromethane	ND		0.500	1	10/17/2023 13:21	WG2150892
Bromoform	ND		0.500	1	10/17/2023 13:21	WG2150892
Bromomethane	ND	C3	2.50	1	10/17/2023 13:21	WG2150892
n-Butylbenzene	ND		0.500	1	10/17/2023 13:21	WG2150892
sec-Butylbenzene	ND		0.500	1	10/17/2023 13:21	WG2150892
tert-Butylbenzene	ND	J4	0.500	1	10/17/2023 13:21	WG2150892
Carbon disulfide	ND		0.500	1	10/17/2023 13:21	WG2150892
Carbon tetrachloride	ND		0.500	1	10/17/2023 13:21	WG2150892
Chlorobenzene	ND		0.500	1	10/17/2023 13:21	WG2150892
Chlorodibromomethane	ND		0.500	1	10/17/2023 13:21	WG2150892
Chloroethane	ND		2.50	1	10/17/2023 13:21	WG2150892
Chloroform	ND		0.500	1	10/17/2023 13:21	WG2150892
Chloromethane	ND		1.25	1	10/17/2023 13:21	WG2150892
2-Chlorotoluene	ND		0.500	1	10/17/2023 13:21	WG2150892
4-Chlorotoluene	ND	J4	0.500	1	10/17/2023 13:21	WG2150892
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/17/2023 13:21	WG2150892
1,2-Dibromoethane	ND		0.500	1	10/17/2023 13:21	WG2150892
Dibromomethane	ND		0.500	1	10/17/2023 13:21	WG2150892
1,2-Dichlorobenzene	ND		0.500	1	10/17/2023 13:21	WG2150892
1,3-Dichlorobenzene	ND		0.500	1	10/17/2023 13:21	WG2150892
1,4-Dichlorobenzene	ND		0.500	1	10/17/2023 13:21	WG2150892
Dichlorodifluoromethane	ND		2.50	1	10/17/2023 13:21	WG2150892
1,1-Dichloroethane	ND		0.500	1	10/17/2023 13:21	WG2150892
1,2-Dichloroethane	ND		0.500	1	10/17/2023 13:21	WG2150892
1,1-Dichloroethene	ND		0.500	1	10/17/2023 13:21	WG2150892
cis-1,2-Dichloroethene	ND		0.500	1	10/17/2023 13:21	WG2150892
trans-1,2-Dichloroethene	ND		0.500	1	10/17/2023 13:21	WG2150892
1,2-Dichloropropane	ND		0.500	1	10/17/2023 13:21	WG2150892
1,1-Dichloropropene	ND		0.500	1	10/17/2023 13:21	WG2150892
1,3-Dichloropropane	ND		1.00	1	10/17/2023 13:21	WG2150892
cis-1,3-Dichloropropene	ND		0.500	1	10/17/2023 13:21	WG2150892
trans-1,3-Dichloropropene	ND		0.500	1	10/17/2023 13:21	WG2150892
trans-1,4-Dichloro-2-butene	ND	J4	5.00	1	10/17/2023 13:21	WG2150892
2,2-Dichloropropane	ND		0.500	1	10/17/2023 13:21	WG2150892
Di-isopropyl ether	ND		0.500	1	10/17/2023 13:21	WG2150892
Ethylbenzene	ND		0.500	1	10/17/2023 13:21	WG2150892
Hexachloro-1,3-butadiene	ND	C3	1.00	1	10/17/2023 13:21	WG2150892
2-Hexanone	ND		5.00	1	10/17/2023 13:21	WG2150892
n-Hexane	ND		5.00	1	10/17/2023 13:21	WG2150892
Iodomethane	ND		5.00	1	10/17/2023 13:21	WG2150892
Isopropylbenzene	ND		0.500	1	10/17/2023 13:21	WG2150892
p-Isopropyltoluene	ND		0.500	1	10/17/2023 13:21	WG2150892
2-Butanone (MEK)	ND		5.00	1	10/17/2023 13:21	WG2150892
Methylene Chloride	ND		2.50	1	10/17/2023 13:21	WG2150892
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/17/2023 13:21	WG2150892
Methyl tert-butyl ether	ND		0.500	1	10/17/2023 13:21	WG2150892
Naphthalene	ND	C3	2.50	1	10/17/2023 13:21	WG2150892
n-Propylbenzene	ND		0.500	1	10/17/2023 13:21	WG2150892
Styrene	ND		0.500	1	10/17/2023 13:21	WG2150892
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/17/2023 13:21	WG2150892
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/17/2023 13:21	WG2150892



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/17/2023 13:21	WG2150892
Tetrachloroethene	ND		0.500	1	10/17/2023 13:21	WG2150892
Toluene	ND		0.500	1	10/17/2023 13:21	WG2150892
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/17/2023 13:21	WG2150892
1,2,4-Trichlorobenzene	ND	C3	1.00	1	10/17/2023 13:21	WG2150892
1,1,1-Trichloroethane	ND		0.500	1	10/17/2023 13:21	WG2150892
1,1,2-Trichloroethane	ND		0.500	1	10/17/2023 13:21	WG2150892
Trichloroethene	ND		0.500	1	10/17/2023 13:21	WG2150892
Trichlorofluoromethane	ND		2.50	1	10/17/2023 13:21	WG2150892
1,2,3-Trichloropropane	ND		2.50	1	10/17/2023 13:21	WG2150892
1,2,4-Trimethylbenzene	ND		0.500	1	10/17/2023 13:21	WG2150892
1,2,3-Trimethylbenzene	ND		0.500	1	10/17/2023 13:21	WG2150892
1,3,5-Trimethylbenzene	ND	J4	0.500	1	10/17/2023 13:21	WG2150892
Vinyl acetate	ND		5.00	1	10/17/2023 13:21	WG2150892
Vinyl chloride	ND		0.500	1	10/17/2023 13:21	WG2150892
Xylenes, Total	ND		1.50	1	10/17/2023 13:21	WG2150892
(S) Toluene-d8	102		80.0-120		10/17/2023 13:21	WG2150892
(S) 4-Bromofluorobenzene	104		77.0-126		10/17/2023 13:21	WG2150892
(S) 1,2-Dichloroethane-d4	99.6		70.0-130		10/17/2023 13:21	WG2150892

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Nitrate as (N)	104		100	1	10/13/2023 00:23	WG2149919
Nitrite as (N)	ND		100	1	10/13/2023 00:23	WG2149919
Sulfate	6450		5000	1	10/13/2023 00:23	WG2149919

Wet Chemistry by Method 5310 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TOC (Total Organic Carbon)	ND		1000	1	10/18/2023 12:23	WG2152602

Metals (ICPMS) by Method 6020B

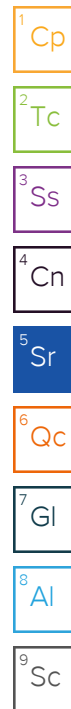
Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Iron	783		100	1	10/23/2023 00:19	WG2150592
Iron,Dissolved	208		100	1	10/23/2023 00:26	WG2150582
Manganese	334		25.0	5	10/23/2023 14:29	WG2150592
Manganese,Dissolved	227		25.0	5	10/23/2023 11:07	WG2150582

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Methane	312		10.0	1	10/16/2023 15:11	WG2151427
Ethane	ND		13.0	1	10/16/2023 15:11	WG2151427
Ethene	ND		13.0	1	10/16/2023 15:11	WG2151427

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	C3	25.0	1	10/17/2023 18:07	WG2150892
Acrylonitrile	ND		5.00	1	10/17/2023 18:07	WG2150892
Benzene	ND		0.500	1	10/17/2023 18:07	WG2150892
Bromobenzene	ND		0.500	1	10/17/2023 18:07	WG2150892
Bromodichloromethane	ND		0.500	1	10/17/2023 18:07	WG2150892
Bromochloromethane	ND		0.500	1	10/17/2023 18:07	WG2150892
Bromoform	ND		0.500	1	10/17/2023 18:07	WG2150892
Bromomethane	ND	C3	2.50	1	10/17/2023 18:07	WG2150892
n-Butylbenzene	ND		0.500	1	10/17/2023 18:07	WG2150892
sec-Butylbenzene	ND		0.500	1	10/17/2023 18:07	WG2150892
tert-Butylbenzene	ND	J4	0.500	1	10/17/2023 18:07	WG2150892
Carbon disulfide	ND		0.500	1	10/17/2023 18:07	WG2150892
Carbon tetrachloride	ND		0.500	1	10/17/2023 18:07	WG2150892
Chlorobenzene	ND		0.500	1	10/17/2023 18:07	WG2150892
Chlorodibromomethane	ND		0.500	1	10/17/2023 18:07	WG2150892
Chloroethane	ND		2.50	1	10/17/2023 18:07	WG2150892
Chloroform	ND		0.500	1	10/17/2023 18:07	WG2150892
Chloromethane	ND		1.25	1	10/17/2023 18:07	WG2150892
2-Chlorotoluene	ND		0.500	1	10/17/2023 18:07	WG2150892
4-Chlorotoluene	ND	J4	0.500	1	10/17/2023 18:07	WG2150892
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/17/2023 18:07	WG2150892
1,2-Dibromoethane	ND		0.500	1	10/17/2023 18:07	WG2150892
Dibromomethane	ND		0.500	1	10/17/2023 18:07	WG2150892
1,2-Dichlorobenzene	ND		0.500	1	10/17/2023 18:07	WG2150892
1,3-Dichlorobenzene	ND		0.500	1	10/17/2023 18:07	WG2150892
1,4-Dichlorobenzene	ND		0.500	1	10/17/2023 18:07	WG2150892
Dichlorodifluoromethane	ND		2.50	1	10/17/2023 18:07	WG2150892



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	ND		0.500	1	10/17/2023 18:07	WG2150892
1,2-Dichloroethane	ND		0.500	1	10/17/2023 18:07	WG2150892
1,1-Dichloroethene	1.98		0.500	1	10/17/2023 18:07	WG2150892
cis-1,2-Dichloroethene	57.9		0.500	1	10/17/2023 18:07	WG2150892
trans-1,2-Dichloroethene	ND		0.500	1	10/17/2023 18:07	WG2150892
1,2-Dichloropropane	ND		0.500	1	10/17/2023 18:07	WG2150892
1,1-Dichloropropene	ND		0.500	1	10/17/2023 18:07	WG2150892
1,3-Dichloropropane	ND		1.00	1	10/17/2023 18:07	WG2150892
cis-1,3-Dichloropropene	ND		0.500	1	10/17/2023 18:07	WG2150892
trans-1,3-Dichloropropene	ND		0.500	1	10/17/2023 18:07	WG2150892
trans-1,4-Dichloro-2-butene	ND	J4	5.00	1	10/17/2023 18:07	WG2150892
2,2-Dichloropropane	ND		0.500	1	10/17/2023 18:07	WG2150892
Di-isopropyl ether	ND		0.500	1	10/17/2023 18:07	WG2150892
Ethylbenzene	ND		0.500	1	10/17/2023 18:07	WG2150892
Hexachloro-1,3-butadiene	ND	C3	1.00	1	10/17/2023 18:07	WG2150892
2-Hexanone	ND		5.00	1	10/17/2023 18:07	WG2150892
n-Hexane	ND		5.00	1	10/17/2023 18:07	WG2150892
Iodomethane	ND		5.00	1	10/17/2023 18:07	WG2150892
Isopropylbenzene	ND		0.500	1	10/17/2023 18:07	WG2150892
p-Isopropyltoluene	ND		0.500	1	10/17/2023 18:07	WG2150892
2-Butanone (MEK)	ND		5.00	1	10/17/2023 18:07	WG2150892
Methylene Chloride	ND		2.50	1	10/17/2023 18:07	WG2150892
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/17/2023 18:07	WG2150892
Methyl tert-butyl ether	6.87		0.500	1	10/17/2023 18:07	WG2150892
Naphthalene	ND	C3	2.50	1	10/17/2023 18:07	WG2150892
n-Propylbenzene	ND		0.500	1	10/17/2023 18:07	WG2150892
Styrene	ND		0.500	1	10/17/2023 18:07	WG2150892
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/17/2023 18:07	WG2150892
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/17/2023 18:07	WG2150892
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/17/2023 18:07	WG2150892
Tetrachloroethene	71.0		0.500	1	10/17/2023 18:07	WG2150892
Toluene	ND		0.500	1	10/17/2023 18:07	WG2150892
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/17/2023 18:07	WG2150892
1,2,4-Trichlorobenzene	ND	C3	1.00	1	10/17/2023 18:07	WG2150892
1,1,1-Trichloroethane	ND		0.500	1	10/17/2023 18:07	WG2150892
1,1,2-Trichloroethane	ND		0.500	1	10/17/2023 18:07	WG2150892
Trichloroethene	13.8		0.500	1	10/17/2023 18:07	WG2150892
Trichlorofluoromethane	ND		2.50	1	10/17/2023 18:07	WG2150892
1,2,3-Trichloropropane	ND		2.50	1	10/17/2023 18:07	WG2150892
1,2,4-Trimethylbenzene	ND		0.500	1	10/17/2023 18:07	WG2150892
1,2,3-Trimethylbenzene	ND		0.500	1	10/17/2023 18:07	WG2150892
1,3,5-Trimethylbenzene	ND	J4	0.500	1	10/17/2023 18:07	WG2150892
Vinyl acetate	ND		5.00	1	10/17/2023 18:07	WG2150892
Vinyl chloride	1.95		0.500	1	10/17/2023 18:07	WG2150892
Xylenes, Total	ND		1.50	1	10/17/2023 18:07	WG2150892
(S) Toluene-d8	101		80.0-120		10/17/2023 18:07	WG2150892
(S) 4-Bromofluorobenzene	100		77.0-126		10/17/2023 18:07	WG2150892
(S) 1,2-Dichloroethane-d4	97.2		70.0-130		10/17/2023 18:07	WG2150892

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Nitrate as (N)	ND		100	1	10/13/2023 00:35	WG2149919
Nitrite as (N)	ND		100	1	10/13/2023 00:35	WG2149919
Sulfate	ND		5000	1	10/13/2023 00:35	WG2149919

Wet Chemistry by Method 5310 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TOC (Total Organic Carbon)	1140	B	1000	1	10/18/2023 12:38	WG2152602

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Iron	123		100	1	10/23/2023 00:22	WG2150592
Iron,Dissolved	ND		100	1	10/23/2023 00:29	WG2150582
Manganese	36.9		5.00	1	10/23/2023 00:22	WG2150592
Manganese,Dissolved	29.3		5.00	1	10/23/2023 00:29	WG2150582

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Methane	79.3		10.0	1	10/16/2023 15:13	WG2151427
Ethane	ND		13.0	1	10/16/2023 15:13	WG2151427
Ethene	ND		13.0	1	10/16/2023 15:13	WG2151427

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	C3	25.0	1	10/17/2023 18:26	WG2150892
Acrylonitrile	ND		5.00	1	10/17/2023 18:26	WG2150892
Benzene	ND		0.500	1	10/17/2023 18:26	WG2150892
Bromobenzene	ND		0.500	1	10/17/2023 18:26	WG2150892
Bromodichloromethane	ND		0.500	1	10/17/2023 18:26	WG2150892
Bromochloromethane	ND		0.500	1	10/17/2023 18:26	WG2150892
Bromoform	ND		0.500	1	10/17/2023 18:26	WG2150892
Bromomethane	ND	C3	2.50	1	10/17/2023 18:26	WG2150892
n-Butylbenzene	ND		0.500	1	10/17/2023 18:26	WG2150892
sec-Butylbenzene	ND		0.500	1	10/17/2023 18:26	WG2150892
tert-Butylbenzene	ND	J4	0.500	1	10/17/2023 18:26	WG2150892
Carbon disulfide	ND		0.500	1	10/17/2023 18:26	WG2150892
Carbon tetrachloride	ND		0.500	1	10/17/2023 18:26	WG2150892
Chlorobenzene	ND		0.500	1	10/17/2023 18:26	WG2150892
Chlorodibromomethane	ND		0.500	1	10/17/2023 18:26	WG2150892
Chloroethane	ND		2.50	1	10/17/2023 18:26	WG2150892
Chloroform	ND		0.500	1	10/17/2023 18:26	WG2150892
Chloromethane	ND		1.25	1	10/17/2023 18:26	WG2150892
2-Chlorotoluene	ND		0.500	1	10/17/2023 18:26	WG2150892
4-Chlorotoluene	ND	J4	0.500	1	10/17/2023 18:26	WG2150892
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/17/2023 18:26	WG2150892
1,2-Dibromoethane	ND		0.500	1	10/17/2023 18:26	WG2150892
Dibromomethane	ND		0.500	1	10/17/2023 18:26	WG2150892
1,2-Dichlorobenzene	ND		0.500	1	10/17/2023 18:26	WG2150892
1,3-Dichlorobenzene	ND		0.500	1	10/17/2023 18:26	WG2150892
1,4-Dichlorobenzene	ND		0.500	1	10/17/2023 18:26	WG2150892
Dichlorodifluoromethane	ND		2.50	1	10/17/2023 18:26	WG2150892

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	ND		0.500	1	10/17/2023 18:26	WG2150892
1,2-Dichloroethane	ND		0.500	1	10/17/2023 18:26	WG2150892
1,1-Dichloroethene	ND		0.500	1	10/17/2023 18:26	WG2150892
cis-1,2-Dichloroethene	ND		0.500	1	10/17/2023 18:26	WG2150892
trans-1,2-Dichloroethene	ND		0.500	1	10/17/2023 18:26	WG2150892
1,2-Dichloropropane	ND		0.500	1	10/17/2023 18:26	WG2150892
1,1-Dichloropropene	ND		0.500	1	10/17/2023 18:26	WG2150892
1,3-Dichloropropane	ND		1.00	1	10/17/2023 18:26	WG2150892
cis-1,3-Dichloropropene	ND		0.500	1	10/17/2023 18:26	WG2150892
trans-1,3-Dichloropropene	ND		0.500	1	10/17/2023 18:26	WG2150892
trans-1,4-Dichloro-2-butene	ND	J4	5.00	1	10/17/2023 18:26	WG2150892
2,2-Dichloropropane	ND		0.500	1	10/17/2023 18:26	WG2150892
Di-isopropyl ether	ND		0.500	1	10/17/2023 18:26	WG2150892
Ethylbenzene	ND		0.500	1	10/17/2023 18:26	WG2150892
Hexachloro-1,3-butadiene	ND	C3	1.00	1	10/17/2023 18:26	WG2150892
2-Hexanone	ND		5.00	1	10/17/2023 18:26	WG2150892
n-Hexane	ND		5.00	1	10/17/2023 18:26	WG2150892
Iodomethane	ND		5.00	1	10/17/2023 18:26	WG2150892
Isopropylbenzene	ND		0.500	1	10/17/2023 18:26	WG2150892
p-Isopropyltoluene	ND		0.500	1	10/17/2023 18:26	WG2150892
2-Butanone (MEK)	ND		5.00	1	10/17/2023 18:26	WG2150892
Methylene Chloride	ND		2.50	1	10/17/2023 18:26	WG2150892
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/17/2023 18:26	WG2150892
Methyl tert-butyl ether	ND		0.500	1	10/17/2023 18:26	WG2150892
Naphthalene	ND	C3	2.50	1	10/17/2023 18:26	WG2150892
n-Propylbenzene	ND		0.500	1	10/17/2023 18:26	WG2150892
Styrene	ND		0.500	1	10/17/2023 18:26	WG2150892
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/17/2023 18:26	WG2150892
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/17/2023 18:26	WG2150892
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/17/2023 18:26	WG2150892
Tetrachloroethene	ND		0.500	1	10/17/2023 18:26	WG2150892
Toluene	ND		0.500	1	10/17/2023 18:26	WG2150892
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/17/2023 18:26	WG2150892
1,2,4-Trichlorobenzene	ND	C3	1.00	1	10/17/2023 18:26	WG2150892
1,1,1-Trichloroethane	ND		0.500	1	10/17/2023 18:26	WG2150892
1,1,2-Trichloroethane	ND		0.500	1	10/17/2023 18:26	WG2150892
Trichloroethene	ND		0.500	1	10/17/2023 18:26	WG2150892
Trichlorofluoromethane	ND		2.50	1	10/17/2023 18:26	WG2150892
1,2,3-Trichloropropane	ND		2.50	1	10/17/2023 18:26	WG2150892
1,2,4-Trimethylbenzene	ND		0.500	1	10/17/2023 18:26	WG2150892
1,2,3-Trimethylbenzene	ND		0.500	1	10/17/2023 18:26	WG2150892
1,3,5-Trimethylbenzene	ND	J4	0.500	1	10/17/2023 18:26	WG2150892
Vinyl acetate	ND		5.00	1	10/17/2023 18:26	WG2150892
Vinyl chloride	ND		0.500	1	10/17/2023 18:26	WG2150892
Xylenes, Total	ND		1.50	1	10/17/2023 18:26	WG2150892
(S) Toluene-d8	100		80.0-120		10/17/2023 18:26	WG2150892
(S) 4-Bromofluorobenzene	103		77.0-126		10/17/2023 18:26	WG2150892
(S) 1,2-Dichloroethane-d4	98.3		70.0-130		10/17/2023 18:26	WG2150892

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Nitrate as (N)	109		100	1	10/13/2023 00:48	WG2149919
Nitrite as (N)	ND		100	1	10/13/2023 00:48	WG2149919
Sulfate	14900		5000	1	10/13/2023 00:48	WG2149919

Wet Chemistry by Method 5310 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TOC (Total Organic Carbon)	ND		1000	1	10/18/2023 12:52	WG2152602

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Iron	146		100	1	10/23/2023 00:26	WG2150592
Iron,Dissolved	ND		100	1	10/23/2023 00:33	WG2150582
Manganese	249		25.0	5	10/23/2023 14:32	WG2150592
Manganese,Dissolved	189		5.00	1	10/23/2023 00:33	WG2150582

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Methane	ND		10.0	1	10/16/2023 15:20	WG2151427
Ethane	ND		13.0	1	10/16/2023 15:20	WG2151427
Ethene	ND		13.0	1	10/16/2023 15:20	WG2151427

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	C3	25.0	1	10/17/2023 18:45	WG2150892
Acrylonitrile	ND		5.00	1	10/17/2023 18:45	WG2150892
Benzene	ND		0.500	1	10/17/2023 18:45	WG2150892
Bromobenzene	ND		0.500	1	10/17/2023 18:45	WG2150892
Bromodichloromethane	ND		0.500	1	10/17/2023 18:45	WG2150892
Bromochloromethane	ND		0.500	1	10/17/2023 18:45	WG2150892
Bromoform	ND		0.500	1	10/17/2023 18:45	WG2150892
Bromomethane	ND	C3	2.50	1	10/17/2023 18:45	WG2150892
n-Butylbenzene	ND		0.500	1	10/17/2023 18:45	WG2150892
sec-Butylbenzene	ND		0.500	1	10/17/2023 18:45	WG2150892
tert-Butylbenzene	ND	J4	0.500	1	10/17/2023 18:45	WG2150892
Carbon disulfide	ND		0.500	1	10/17/2023 18:45	WG2150892
Carbon tetrachloride	ND		0.500	1	10/17/2023 18:45	WG2150892
Chlorobenzene	ND		0.500	1	10/17/2023 18:45	WG2150892
Chlorodibromomethane	ND		0.500	1	10/17/2023 18:45	WG2150892
Chloroethane	ND		2.50	1	10/17/2023 18:45	WG2150892
Chloroform	ND		0.500	1	10/17/2023 18:45	WG2150892
Chloromethane	ND		1.25	1	10/17/2023 18:45	WG2150892
2-Chlorotoluene	ND		0.500	1	10/17/2023 18:45	WG2150892
4-Chlorotoluene	ND	J4	0.500	1	10/17/2023 18:45	WG2150892
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/17/2023 18:45	WG2150892
1,2-Dibromoethane	ND		0.500	1	10/17/2023 18:45	WG2150892
Dibromomethane	ND		0.500	1	10/17/2023 18:45	WG2150892
1,2-Dichlorobenzene	ND		0.500	1	10/17/2023 18:45	WG2150892
1,3-Dichlorobenzene	0.506		0.500	1	10/17/2023 18:45	WG2150892
1,4-Dichlorobenzene	ND		0.500	1	10/17/2023 18:45	WG2150892
Dichlorodifluoromethane	ND		2.50	1	10/17/2023 18:45	WG2150892

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	ND		0.500	1	10/17/2023 18:45	WG2150892
1,2-Dichloroethane	ND		0.500	1	10/17/2023 18:45	WG2150892
1,1-Dichloroethene	ND		0.500	1	10/17/2023 18:45	WG2150892
cis-1,2-Dichloroethene	ND		0.500	1	10/17/2023 18:45	WG2150892
trans-1,2-Dichloroethene	ND		0.500	1	10/17/2023 18:45	WG2150892
1,2-Dichloropropane	ND		0.500	1	10/17/2023 18:45	WG2150892
1,1-Dichloropropene	ND		0.500	1	10/17/2023 18:45	WG2150892
1,3-Dichloropropane	ND		1.00	1	10/17/2023 18:45	WG2150892
cis-1,3-Dichloropropene	ND		0.500	1	10/17/2023 18:45	WG2150892
trans-1,3-Dichloropropene	ND		0.500	1	10/17/2023 18:45	WG2150892
trans-1,4-Dichloro-2-butene	ND	J4	5.00	1	10/17/2023 18:45	WG2150892
2,2-Dichloropropane	ND		0.500	1	10/17/2023 18:45	WG2150892
Di-isopropyl ether	ND		0.500	1	10/17/2023 18:45	WG2150892
Ethylbenzene	ND		0.500	1	10/17/2023 18:45	WG2150892
Hexachloro-1,3-butadiene	ND	C3	1.00	1	10/17/2023 18:45	WG2150892
2-Hexanone	ND		5.00	1	10/17/2023 18:45	WG2150892
n-Hexane	ND		5.00	1	10/17/2023 18:45	WG2150892
Iodomethane	ND		5.00	1	10/17/2023 18:45	WG2150892
Isopropylbenzene	ND		0.500	1	10/17/2023 18:45	WG2150892
p-Isopropyltoluene	ND		0.500	1	10/17/2023 18:45	WG2150892
2-Butanone (MEK)	ND		5.00	1	10/17/2023 18:45	WG2150892
Methylene Chloride	ND		2.50	1	10/17/2023 18:45	WG2150892
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/17/2023 18:45	WG2150892
Methyl tert-butyl ether	ND		0.500	1	10/17/2023 18:45	WG2150892
Naphthalene	ND	C3	2.50	1	10/17/2023 18:45	WG2150892
n-Propylbenzene	ND		0.500	1	10/17/2023 18:45	WG2150892
Styrene	ND		0.500	1	10/17/2023 18:45	WG2150892
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/17/2023 18:45	WG2150892
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/17/2023 18:45	WG2150892
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/17/2023 18:45	WG2150892
Tetrachloroethene	ND		0.500	1	10/17/2023 18:45	WG2150892
Toluene	ND		0.500	1	10/17/2023 18:45	WG2150892
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/17/2023 18:45	WG2150892
1,2,4-Trichlorobenzene	ND	C3	1.00	1	10/17/2023 18:45	WG2150892
1,1,1-Trichloroethane	ND		0.500	1	10/17/2023 18:45	WG2150892
1,1,2-Trichloroethane	ND		0.500	1	10/17/2023 18:45	WG2150892
Trichloroethene	ND		0.500	1	10/17/2023 18:45	WG2150892
Trichlorofluoromethane	ND		2.50	1	10/17/2023 18:45	WG2150892
1,2,3-Trichloropropane	ND		2.50	1	10/17/2023 18:45	WG2150892
1,2,4-Trimethylbenzene	ND		0.500	1	10/17/2023 18:45	WG2150892
1,2,3-Trimethylbenzene	ND		0.500	1	10/17/2023 18:45	WG2150892
1,3,5-Trimethylbenzene	ND	J4	0.500	1	10/17/2023 18:45	WG2150892
Vinyl acetate	ND		5.00	1	10/17/2023 18:45	WG2150892
Vinyl chloride	ND		0.500	1	10/17/2023 18:45	WG2150892
Xylenes, Total	ND		1.50	1	10/17/2023 18:45	WG2150892
(S) Toluene-d8	101		80.0-120		10/17/2023 18:45	WG2150892
(S) 4-Bromofluorobenzene	103		77.0-126		10/17/2023 18:45	WG2150892
(S) 1,2-Dichloroethane-d4	98.3		70.0-130		10/17/2023 18:45	WG2150892

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Nitrate as (N)	ND		100	1	10/13/2023 01:00	WG2149919
Nitrite as (N)	ND		100	1	10/13/2023 01:00	WG2149919
Sulfate	ND		5000	1	10/13/2023 01:00	WG2149919

Wet Chemistry by Method 5310 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TOC (Total Organic Carbon)	ND		1000	1	10/18/2023 13:06	WG2152602

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Iron	1470		100	1	10/23/2023 00:06	WG2150592
Iron,Dissolved	ND		100	1	10/23/2023 00:36	WG2150582
Manganese	233		25.0	5	10/23/2023 14:26	WG2150592
Manganese,Dissolved	51.4		5.00	1	10/23/2023 00:36	WG2150582

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Methane	58.2		10.0	1	10/16/2023 15:23	WG2151427
Ethane	ND		13.0	1	10/16/2023 15:23	WG2151427
Ethene	ND		13.0	1	10/16/2023 15:23	WG2151427

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	C3	25.0	1	10/17/2023 19:04	WG2150892
Acrylonitrile	ND		5.00	1	10/17/2023 19:04	WG2150892
Benzene	ND		0.500	1	10/17/2023 19:04	WG2150892
Bromobenzene	ND		0.500	1	10/17/2023 19:04	WG2150892
Bromodichloromethane	ND		0.500	1	10/17/2023 19:04	WG2150892
Bromochloromethane	ND		0.500	1	10/17/2023 19:04	WG2150892
Bromoform	ND		0.500	1	10/17/2023 19:04	WG2150892
Bromomethane	ND	C3	2.50	1	10/17/2023 19:04	WG2150892
n-Butylbenzene	ND		0.500	1	10/17/2023 19:04	WG2150892
sec-Butylbenzene	ND		0.500	1	10/17/2023 19:04	WG2150892
tert-Butylbenzene	ND	J4	0.500	1	10/17/2023 19:04	WG2150892
Carbon disulfide	ND		0.500	1	10/17/2023 19:04	WG2150892
Carbon tetrachloride	ND		0.500	1	10/17/2023 19:04	WG2150892
Chlorobenzene	ND		0.500	1	10/17/2023 19:04	WG2150892
Chlorodibromomethane	ND		0.500	1	10/17/2023 19:04	WG2150892
Chloroethane	ND		2.50	1	10/17/2023 19:04	WG2150892
Chloroform	ND		0.500	1	10/17/2023 19:04	WG2150892
Chloromethane	ND		1.25	1	10/17/2023 19:04	WG2150892
2-Chlorotoluene	ND		0.500	1	10/17/2023 19:04	WG2150892
4-Chlorotoluene	ND	J4	0.500	1	10/17/2023 19:04	WG2150892
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/17/2023 19:04	WG2150892
1,2-Dibromoethane	ND		0.500	1	10/17/2023 19:04	WG2150892
Dibromomethane	ND		0.500	1	10/17/2023 19:04	WG2150892
1,2-Dichlorobenzene	ND		0.500	1	10/17/2023 19:04	WG2150892
1,3-Dichlorobenzene	2.17		0.500	1	10/17/2023 19:04	WG2150892
1,4-Dichlorobenzene	ND		0.500	1	10/17/2023 19:04	WG2150892
Dichlorodifluoromethane	ND		2.50	1	10/17/2023 19:04	WG2150892

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	ND		0.500	1	10/17/2023 19:04	WG2150892
1,2-Dichloroethane	ND		0.500	1	10/17/2023 19:04	WG2150892
1,1-Dichloroethene	ND		0.500	1	10/17/2023 19:04	WG2150892
cis-1,2-Dichloroethene	ND		0.500	1	10/17/2023 19:04	WG2150892
trans-1,2-Dichloroethene	ND		0.500	1	10/17/2023 19:04	WG2150892
1,2-Dichloropropane	ND		0.500	1	10/17/2023 19:04	WG2150892
1,1-Dichloropropene	ND		0.500	1	10/17/2023 19:04	WG2150892
1,3-Dichloropropane	ND		1.00	1	10/17/2023 19:04	WG2150892
cis-1,3-Dichloropropene	ND		0.500	1	10/17/2023 19:04	WG2150892
trans-1,3-Dichloropropene	ND		0.500	1	10/17/2023 19:04	WG2150892
trans-1,4-Dichloro-2-butene	ND	J4	5.00	1	10/17/2023 19:04	WG2150892
2,2-Dichloropropane	ND		0.500	1	10/17/2023 19:04	WG2150892
Di-isopropyl ether	ND		0.500	1	10/17/2023 19:04	WG2150892
Ethylbenzene	ND		0.500	1	10/17/2023 19:04	WG2150892
Hexachloro-1,3-butadiene	ND	C3	1.00	1	10/17/2023 19:04	WG2150892
2-Hexanone	ND		5.00	1	10/17/2023 19:04	WG2150892
n-Hexane	ND		5.00	1	10/17/2023 19:04	WG2150892
Iodomethane	ND		5.00	1	10/17/2023 19:04	WG2150892
Isopropylbenzene	ND		0.500	1	10/17/2023 19:04	WG2150892
p-Isopropyltoluene	ND		0.500	1	10/17/2023 19:04	WG2150892
2-Butanone (MEK)	ND		5.00	1	10/17/2023 19:04	WG2150892
Methylene Chloride	ND		2.50	1	10/17/2023 19:04	WG2150892
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/17/2023 19:04	WG2150892
Methyl tert-butyl ether	ND		0.500	1	10/17/2023 19:04	WG2150892
Naphthalene	ND	C3	2.50	1	10/17/2023 19:04	WG2150892
n-Propylbenzene	ND		0.500	1	10/17/2023 19:04	WG2150892
Styrene	ND		0.500	1	10/17/2023 19:04	WG2150892
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/17/2023 19:04	WG2150892
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/17/2023 19:04	WG2150892
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/17/2023 19:04	WG2150892
Tetrachloroethene	ND		0.500	1	10/17/2023 19:04	WG2150892
Toluene	ND		0.500	1	10/17/2023 19:04	WG2150892
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/17/2023 19:04	WG2150892
1,2,4-Trichlorobenzene	ND	C3	1.00	1	10/17/2023 19:04	WG2150892
1,1,1-Trichloroethane	ND		0.500	1	10/17/2023 19:04	WG2150892
1,1,2-Trichloroethane	ND		0.500	1	10/17/2023 19:04	WG2150892
Trichloroethene	ND		0.500	1	10/17/2023 19:04	WG2150892
Trichlorofluoromethane	ND		2.50	1	10/17/2023 19:04	WG2150892
1,2,3-Trichloropropane	ND		2.50	1	10/17/2023 19:04	WG2150892
1,2,4-Trimethylbenzene	ND		0.500	1	10/17/2023 19:04	WG2150892
1,2,3-Trimethylbenzene	ND		0.500	1	10/17/2023 19:04	WG2150892
1,3,5-Trimethylbenzene	ND	J4	0.500	1	10/17/2023 19:04	WG2150892
Vinyl acetate	ND		5.00	1	10/17/2023 19:04	WG2150892
Vinyl chloride	ND		0.500	1	10/17/2023 19:04	WG2150892
Xylenes, Total	ND		1.50	1	10/17/2023 19:04	WG2150892
(S) Toluene-d8	102		80.0-120		10/17/2023 19:04	WG2150892
(S) 4-Bromofluorobenzene	105		77.0-126		10/17/2023 19:04	WG2150892
(S) 1,2-Dichloroethane-d4	97.0		70.0-130		10/17/2023 19:04	WG2150892

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	460		25.0	1	10/15/2023 01:42	WG2151501
Acrylonitrile	ND		5.00	1	10/15/2023 01:42	WG2151501
Benzene	ND		0.500	1	10/15/2023 01:42	WG2151501
Bromobenzene	ND		0.500	1	10/19/2023 21:49	WG2154475
Bromodichloromethane	ND		0.500	1	10/15/2023 01:42	WG2151501
Bromochloromethane	ND		0.500	1	10/15/2023 01:42	WG2151501
Bromoform	ND		0.500	1	10/15/2023 01:42	WG2151501
Bromomethane	ND		2.50	1	10/15/2023 01:42	WG2151501
n-Butylbenzene	ND		0.500	1	10/19/2023 21:49	WG2154475
sec-Butylbenzene	ND		0.500	1	10/19/2023 21:49	WG2154475
tert-Butylbenzene	ND		0.500	1	10/19/2023 21:49	WG2154475
Carbon disulfide	ND	C3	0.500	1	10/15/2023 01:42	WG2151501
Carbon tetrachloride	ND		0.500	1	10/15/2023 01:42	WG2151501
Chlorobenzene	ND		0.500	1	10/15/2023 01:42	WG2151501
Chlorodibromomethane	ND		0.500	1	10/15/2023 01:42	WG2151501
Chloroethane	ND		2.50	1	10/15/2023 01:42	WG2151501
Chloroform	ND		0.500	1	10/15/2023 01:42	WG2151501
Chloromethane	ND		1.25	1	10/15/2023 01:42	WG2151501
2-Chlorotoluene	ND		0.500	1	10/19/2023 21:49	WG2154475
4-Chlorotoluene	ND		0.500	1	10/19/2023 21:49	WG2154475
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/19/2023 21:49	WG2154475
1,2-Dibromoethane	ND		0.500	1	10/15/2023 01:42	WG2151501
Dibromomethane	ND		0.500	1	10/15/2023 01:42	WG2151501
1,2-Dichlorobenzene	ND		0.500	1	10/19/2023 21:49	WG2154475
1,3-Dichlorobenzene	ND		0.500	1	10/19/2023 21:49	WG2154475
1,4-Dichlorobenzene	ND		0.500	1	10/19/2023 21:49	WG2154475
Dichlorodifluoromethane	ND		2.50	1	10/15/2023 01:42	WG2151501
1,1-Dichloroethane	ND		0.500	1	10/15/2023 01:42	WG2151501
1,2-Dichloroethane	ND		0.500	1	10/15/2023 01:42	WG2151501
1,1-Dichloroethene	ND		0.500	1	10/15/2023 01:42	WG2151501
cis-1,2-Dichloroethene	ND		0.500	1	10/15/2023 01:42	WG2151501
trans-1,2-Dichloroethene	ND		0.500	1	10/15/2023 01:42	WG2151501
1,2-Dichloropropane	ND		0.500	1	10/15/2023 01:42	WG2151501
1,1-Dichloropropene	ND		0.500	1	10/15/2023 01:42	WG2151501
1,3-Dichloropropane	ND		1.00	1	10/15/2023 01:42	WG2151501
cis-1,3-Dichloropropene	ND		0.500	1	10/15/2023 01:42	WG2151501
trans-1,3-Dichloropropene	ND		0.500	1	10/15/2023 01:42	WG2151501
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/19/2023 21:49	WG2154475
2,2-Dichloropropane	ND		0.500	1	10/15/2023 01:42	WG2151501
Di-isopropyl ether	ND		0.500	1	10/15/2023 01:42	WG2151501
Ethylbenzene	ND		0.500	1	10/15/2023 01:42	WG2151501
Hexachloro-1,3-butadiene	ND		1.00	1	10/19/2023 21:49	WG2154475
2-Hexanone	ND		5.00	1	10/15/2023 01:42	WG2151501
n-Hexane	ND		5.00	1	10/15/2023 01:42	WG2151501
Iodomethane	ND		5.00	1	10/15/2023 01:42	WG2151501
Isopropylbenzene	ND		0.500	1	10/15/2023 01:42	WG2151501
p-Isopropyltoluene	ND		0.500	1	10/19/2023 21:49	WG2154475
2-Butanone (MEK)	19.0		5.00	1	10/15/2023 01:42	WG2151501
Methylene Chloride	ND		2.50	1	10/15/2023 01:42	WG2151501
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/15/2023 01:42	WG2151501
Methyl tert-butyl ether	ND		0.500	1	10/15/2023 01:42	WG2151501
Naphthalene	ND	C3	2.50	1	10/19/2023 21:49	WG2154475
n-Propylbenzene	ND		0.500	1	10/19/2023 21:49	WG2154475
Styrene	ND		0.500	1	10/15/2023 01:42	WG2151501
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/15/2023 01:42	WG2151501
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/19/2023 21:49	WG2154475

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/15/2023 01:42	WG2151501
Tetrachloroethene	ND		0.500	1	10/15/2023 01:42	WG2151501
Toluene	ND		0.500	1	10/15/2023 01:42	WG2151501
1,2,3-Trichlorobenzene	ND		0.500	1	10/19/2023 21:49	WG2154475
1,2,4-Trichlorobenzene	ND		1.00	1	10/19/2023 21:49	WG2154475
1,1,1-Trichloroethane	ND		0.500	1	10/15/2023 01:42	WG2151501
1,1,2-Trichloroethane	ND		0.500	1	10/15/2023 01:42	WG2151501
Trichloroethene	ND		0.500	1	10/15/2023 01:42	WG2151501
Trichlorofluoromethane	ND		2.50	1	10/15/2023 01:42	WG2151501
1,2,3-Trichloropropane	ND		2.50	1	10/19/2023 21:49	WG2154475
1,2,4-Trimethylbenzene	ND		0.500	1	10/19/2023 21:49	WG2154475
1,2,3-Trimethylbenzene	ND		0.500	1	10/19/2023 21:49	WG2154475
1,3,5-Trimethylbenzene	ND		0.500	1	10/19/2023 21:49	WG2154475
Vinyl acetate	ND		5.00	1	10/15/2023 01:42	WG2151501
Vinyl chloride	ND		0.500	1	10/15/2023 01:42	WG2151501
Xylenes, Total	ND		1.50	1	10/15/2023 01:42	WG2151501
(S) Toluene-d8	103		80.0-120		10/15/2023 01:42	WG2151501
(S) Toluene-d8	109		80.0-120		10/19/2023 21:49	WG2154475
(S) 4-Bromofluorobenzene	88.3		77.0-126		10/15/2023 01:42	WG2151501
(S) 4-Bromofluorobenzene	90.3		77.0-126		10/19/2023 21:49	WG2154475
(S) 1,2-Dichloroethane-d4	115		70.0-130		10/15/2023 01:42	WG2151501
(S) 1,2-Dichloroethane-d4	104		70.0-130		10/19/2023 21:49	WG2154475

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	75.2		25.0	1	10/15/2023 02:02	WG2151501
Acrylonitrile	ND		5.00	1	10/15/2023 02:02	WG2151501
Benzene	ND		0.500	1	10/15/2023 02:02	WG2151501
Bromobenzene	ND		0.500	1	10/19/2023 22:11	WG2154475
Bromodichloromethane	ND		0.500	1	10/15/2023 02:02	WG2151501
Bromochloromethane	ND		0.500	1	10/15/2023 02:02	WG2151501
Bromoform	ND		0.500	1	10/15/2023 02:02	WG2151501
Bromomethane	ND		2.50	1	10/15/2023 02:02	WG2151501
n-Butylbenzene	ND		0.500	1	10/19/2023 22:11	WG2154475
sec-Butylbenzene	ND		0.500	1	10/19/2023 22:11	WG2154475
tert-Butylbenzene	ND		0.500	1	10/19/2023 22:11	WG2154475
Carbon disulfide	ND	C3	0.500	1	10/15/2023 02:02	WG2151501
Carbon tetrachloride	ND		0.500	1	10/15/2023 02:02	WG2151501
Chlorobenzene	ND		0.500	1	10/15/2023 02:02	WG2151501
Chlorodibromomethane	ND		0.500	1	10/15/2023 02:02	WG2151501
Chloroethane	ND		2.50	1	10/15/2023 02:02	WG2151501
Chloroform	ND		0.500	1	10/15/2023 02:02	WG2151501
Chloromethane	ND		1.25	1	10/15/2023 02:02	WG2151501
2-Chlorotoluene	ND		0.500	1	10/19/2023 22:11	WG2154475
4-Chlorotoluene	ND		0.500	1	10/19/2023 22:11	WG2154475
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/19/2023 22:11	WG2154475
1,2-Dibromoethane	ND		0.500	1	10/15/2023 02:02	WG2151501
Dibromomethane	ND		0.500	1	10/15/2023 02:02	WG2151501
1,2-Dichlorobenzene	ND		0.500	1	10/19/2023 22:11	WG2154475
1,3-Dichlorobenzene	ND		0.500	1	10/19/2023 22:11	WG2154475
1,4-Dichlorobenzene	ND		0.500	1	10/19/2023 22:11	WG2154475
Dichlorodifluoromethane	ND		2.50	1	10/15/2023 02:02	WG2151501
1,1-Dichloroethane	ND		0.500	1	10/15/2023 02:02	WG2151501
1,2-Dichloroethane	ND		0.500	1	10/15/2023 02:02	WG2151501
1,1-Dichloroethene	ND		0.500	1	10/15/2023 02:02	WG2151501
cis-1,2-Dichloroethene	ND		0.500	1	10/15/2023 02:02	WG2151501
trans-1,2-Dichloroethene	ND		0.500	1	10/15/2023 02:02	WG2151501
1,2-Dichloropropane	ND		0.500	1	10/15/2023 02:02	WG2151501
1,1-Dichloropropene	ND		0.500	1	10/15/2023 02:02	WG2151501
1,3-Dichloropropane	ND		1.00	1	10/15/2023 02:02	WG2151501
cis-1,3-Dichloropropene	ND		0.500	1	10/15/2023 02:02	WG2151501
trans-1,3-Dichloropropene	ND		0.500	1	10/15/2023 02:02	WG2151501
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/19/2023 22:11	WG2154475
2,2-Dichloropropane	ND		0.500	1	10/15/2023 02:02	WG2151501
Di-isopropyl ether	ND		0.500	1	10/15/2023 02:02	WG2151501
Ethylbenzene	ND		0.500	1	10/15/2023 02:02	WG2151501
Hexachloro-1,3-butadiene	ND		1.00	1	10/19/2023 22:11	WG2154475
2-Hexanone	ND		5.00	1	10/15/2023 02:02	WG2151501
n-Hexane	ND		5.00	1	10/15/2023 02:02	WG2151501
Iodomethane	ND		5.00	1	10/15/2023 02:02	WG2151501
Isopropylbenzene	ND		0.500	1	10/15/2023 02:02	WG2151501
p-Isopropyltoluene	ND		0.500	1	10/19/2023 22:11	WG2154475
2-Butanone (MEK)	ND		5.00	1	10/15/2023 02:02	WG2151501
Methylene Chloride	ND		2.50	1	10/15/2023 02:02	WG2151501
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/15/2023 02:02	WG2151501
Methyl tert-butyl ether	ND		0.500	1	10/15/2023 02:02	WG2151501
Naphthalene	ND	C3	2.50	1	10/19/2023 22:11	WG2154475
n-Propylbenzene	ND		0.500	1	10/19/2023 22:11	WG2154475
Styrene	ND		0.500	1	10/15/2023 02:02	WG2151501
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/15/2023 02:02	WG2151501
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/19/2023 22:11	WG2154475

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/15/2023 02:02	WG2151501
Tetrachloroethene	ND		0.500	1	10/15/2023 02:02	WG2151501
Toluene	ND		0.500	1	10/15/2023 02:02	WG2151501
1,2,3-Trichlorobenzene	ND		0.500	1	10/19/2023 22:11	WG2154475
1,2,4-Trichlorobenzene	ND		1.00	1	10/19/2023 22:11	WG2154475
1,1,1-Trichloroethane	ND		0.500	1	10/15/2023 02:02	WG2151501
1,1,2-Trichloroethane	ND		0.500	1	10/15/2023 02:02	WG2151501
Trichloroethene	ND		0.500	1	10/15/2023 02:02	WG2151501
Trichlorofluoromethane	ND		2.50	1	10/15/2023 02:02	WG2151501
1,2,3-Trichloropropane	ND		2.50	1	10/19/2023 22:11	WG2154475
1,2,4-Trimethylbenzene	ND		0.500	1	10/19/2023 22:11	WG2154475
1,2,3-Trimethylbenzene	ND		0.500	1	10/19/2023 22:11	WG2154475
1,3,5-Trimethylbenzene	ND		0.500	1	10/19/2023 22:11	WG2154475
Vinyl acetate	ND		5.00	1	10/15/2023 02:02	WG2151501
Vinyl chloride	ND		0.500	1	10/15/2023 02:02	WG2151501
Xylenes, Total	ND		1.50	1	10/15/2023 02:02	WG2151501
(S) Toluene-d8	106		80.0-120		10/15/2023 02:02	WG2151501
(S) Toluene-d8	108		80.0-120		10/19/2023 22:11	WG2154475
(S) 4-Bromofluorobenzene	91.8		77.0-126		10/15/2023 02:02	WG2151501
(S) 4-Bromofluorobenzene	91.4		77.0-126		10/19/2023 22:11	WG2154475
(S) 1,2-Dichloroethane-d4	115		70.0-130		10/15/2023 02:02	WG2151501
(S) 1,2-Dichloroethane-d4	105		70.0-130		10/19/2023 22:11	WG2154475

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Nitrate as (N)	201		100	1	10/13/2023 01:13	WG2149919
Nitrite as (N)	ND		100	1	10/13/2023 01:13	WG2149919
Sulfate	7280		5000	1	10/13/2023 01:13	WG2149919

Wet Chemistry by Method 5310 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
TOC (Total Organic Carbon)	ND		1000	1	10/18/2023 13:19	WG2152602

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Iron	1540		100	1	10/23/2023 00:29	WG2150592
Iron,Dissolved	ND		100	1	10/19/2023 11:24	WG2150581
Manganese	116		5.00	1	10/23/2023 00:29	WG2150592
Manganese,Dissolved	51.8		5.00	1	10/19/2023 11:24	WG2150581

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Methane	ND		10.0	1	10/17/2023 13:42	WG2152303
Ethane	ND		13.0	1	10/17/2023 13:42	WG2152303
Ethene	ND		13.0	1	10/17/2023 13:42	WG2152303

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		25.0	1	10/15/2023 02:21	WG2151501
Acrylonitrile	ND		5.00	1	10/15/2023 02:21	WG2151501
Benzene	ND		0.500	1	10/15/2023 02:21	WG2151501
Bromobenzene	ND		0.500	1	10/19/2023 22:32	WG2154475
Bromodichloromethane	ND		0.500	1	10/15/2023 02:21	WG2151501
Bromochloromethane	ND		0.500	1	10/15/2023 02:21	WG2151501
Bromoform	ND		0.500	1	10/15/2023 02:21	WG2151501
Bromomethane	ND		2.50	1	10/15/2023 02:21	WG2151501
n-Butylbenzene	ND		0.500	1	10/19/2023 22:32	WG2154475
sec-Butylbenzene	ND		0.500	1	10/19/2023 22:32	WG2154475
tert-Butylbenzene	ND		0.500	1	10/19/2023 22:32	WG2154475
Carbon disulfide	ND	C3	0.500	1	10/15/2023 02:21	WG2151501
Carbon tetrachloride	ND		0.500	1	10/15/2023 02:21	WG2151501
Chlorobenzene	ND		0.500	1	10/15/2023 02:21	WG2151501
Chlorodibromomethane	ND		0.500	1	10/15/2023 02:21	WG2151501
Chloroethane	ND		2.50	1	10/15/2023 02:21	WG2151501
Chloroform	ND		0.500	1	10/15/2023 02:21	WG2151501
Chloromethane	ND		1.25	1	10/15/2023 02:21	WG2151501
2-Chlorotoluene	ND		0.500	1	10/19/2023 22:32	WG2154475
4-Chlorotoluene	ND		0.500	1	10/19/2023 22:32	WG2154475
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/19/2023 22:32	WG2154475
1,2-Dibromoethane	ND		0.500	1	10/15/2023 02:21	WG2151501
Dibromomethane	ND		0.500	1	10/15/2023 02:21	WG2151501
1,2-Dichlorobenzene	ND		0.500	1	10/19/2023 22:32	WG2154475
1,3-Dichlorobenzene	ND		0.500	1	10/19/2023 22:32	WG2154475
1,4-Dichlorobenzene	ND		0.500	1	10/19/2023 22:32	WG2154475
Dichlorodifluoromethane	ND		2.50	1	10/15/2023 02:21	WG2151501

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	ND		0.500	1	10/15/2023 02:21	WG2151501
1,2-Dichloroethane	ND		0.500	1	10/15/2023 02:21	WG2151501
1,1-Dichloroethene	ND		0.500	1	10/15/2023 02:21	WG2151501
cis-1,2-Dichloroethene	ND		0.500	1	10/15/2023 02:21	WG2151501
trans-1,2-Dichloroethene	ND		0.500	1	10/15/2023 02:21	WG2151501
1,2-Dichloropropane	ND		0.500	1	10/15/2023 02:21	WG2151501
1,1-Dichloropropene	ND		0.500	1	10/15/2023 02:21	WG2151501
1,3-Dichloropropane	ND		1.00	1	10/15/2023 02:21	WG2151501
cis-1,3-Dichloropropene	ND		0.500	1	10/15/2023 02:21	WG2151501
trans-1,3-Dichloropropene	ND		0.500	1	10/15/2023 02:21	WG2151501
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/19/2023 22:32	WG2154475
2,2-Dichloropropane	ND		0.500	1	10/15/2023 02:21	WG2151501
Di-isopropyl ether	ND		0.500	1	10/15/2023 02:21	WG2151501
Ethylbenzene	ND		0.500	1	10/15/2023 02:21	WG2151501
Hexachloro-1,3-butadiene	ND		1.00	1	10/19/2023 22:32	WG2154475
2-Hexanone	ND		5.00	1	10/15/2023 02:21	WG2151501
n-Hexane	ND		5.00	1	10/15/2023 02:21	WG2151501
Iodomethane	ND		5.00	1	10/15/2023 02:21	WG2151501
Isopropylbenzene	ND		0.500	1	10/15/2023 02:21	WG2151501
p-Isopropyltoluene	ND		0.500	1	10/19/2023 22:32	WG2154475
2-Butanone (MEK)	ND		5.00	1	10/15/2023 02:21	WG2151501
Methylene Chloride	ND		2.50	1	10/15/2023 02:21	WG2151501
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/15/2023 02:21	WG2151501
Methyl tert-butyl ether	ND		0.500	1	10/15/2023 02:21	WG2151501
Naphthalene	ND	C3	2.50	1	10/19/2023 22:32	WG2154475
n-Propylbenzene	ND		0.500	1	10/19/2023 22:32	WG2154475
Styrene	ND		0.500	1	10/15/2023 02:21	WG2151501
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/15/2023 02:21	WG2151501
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/19/2023 22:32	WG2154475
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/15/2023 02:21	WG2151501
Tetrachloroethene	ND		0.500	1	10/15/2023 02:21	WG2151501
Toluene	ND		0.500	1	10/15/2023 02:21	WG2151501
1,2,3-Trichlorobenzene	ND		0.500	1	10/19/2023 22:32	WG2154475
1,2,4-Trichlorobenzene	ND		1.00	1	10/19/2023 22:32	WG2154475
1,1,1-Trichloroethane	ND		0.500	1	10/15/2023 02:21	WG2151501
1,1,2-Trichloroethane	ND		0.500	1	10/15/2023 02:21	WG2151501
Trichloroethene	ND		0.500	1	10/15/2023 02:21	WG2151501
Trichlorofluoromethane	ND		2.50	1	10/15/2023 02:21	WG2151501
1,2,3-Trichloropropane	ND		2.50	1	10/19/2023 22:32	WG2154475
1,2,4-Trimethylbenzene	ND		0.500	1	10/19/2023 22:32	WG2154475
1,2,3-Trimethylbenzene	ND		0.500	1	10/19/2023 22:32	WG2154475
1,3,5-Trimethylbenzene	ND		0.500	1	10/19/2023 22:32	WG2154475
Vinyl acetate	ND		5.00	1	10/15/2023 02:21	WG2151501
Vinyl chloride	ND		0.500	1	10/15/2023 02:21	WG2151501
Xylenes, Total	ND		1.50	1	10/15/2023 02:21	WG2151501
(S) Toluene-d8	106		80.0-120		10/15/2023 02:21	WG2151501
(S) Toluene-d8	112		80.0-120		10/19/2023 22:32	WG2154475
(S) 4-Bromofluorobenzene	92.8		77.0-126		10/15/2023 02:21	WG2151501
(S) 4-Bromofluorobenzene	93.4		77.0-126		10/19/2023 22:32	WG2154475
(S) 1,2-Dichloroethane-d4	116		70.0-130		10/15/2023 02:21	WG2151501
(S) 1,2-Dichloroethane-d4	105		70.0-130		10/19/2023 22:32	WG2154475

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 300.0

	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l			
Nitrate as (N)	276		100	1	10/12/2023 23:46	WG2150288
Nitrite as (N)	ND		100	1	10/12/2023 23:46	WG2150288
Sulfate	13800		5000	1	10/12/2023 23:46	WG2150288

Wet Chemistry by Method 5310 B-2011

	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l			
TOC (Total Organic Carbon)	ND		1000	1	10/18/2023 13:33	WG2152602

Metals (ICPMS) by Method 6020B

	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l			
Iron	ND		100	1	10/23/2023 00:39	WG2150592
Iron,Dissolved	ND		100	1	10/19/2023 11:27	WG2150581
Manganese	279		25.0	5	10/23/2023 14:36	WG2150592
Manganese,Dissolved	149		5.00	1	10/19/2023 11:27	WG2150581

Volatile Organic Compounds (GC) by Method RSK175

	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l			
Methane	16.5		10.0	1	10/17/2023 13:45	WG2152303
Ethane	ND		13.0	1	10/17/2023 13:45	WG2152303
Ethene	ND		13.0	1	10/17/2023 13:45	WG2152303

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

	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Analyte	ug/l		ug/l			
Acetone	ND		25.0	1	10/15/2023 02:40	WG2151501
Acrylonitrile	ND		5.00	1	10/15/2023 02:40	WG2151501
Benzene	ND		0.500	1	10/15/2023 02:40	WG2151501
Bromobenzene	ND		0.500	1	10/19/2023 22:54	WG2154475
Bromodichloromethane	ND		0.500	1	10/15/2023 02:40	WG2151501
Bromochloromethane	ND		0.500	1	10/15/2023 02:40	WG2151501
Bromoform	ND		0.500	1	10/15/2023 02:40	WG2151501
Bromomethane	ND		2.50	1	10/15/2023 02:40	WG2151501
n-Butylbenzene	ND		0.500	1	10/19/2023 22:54	WG2154475
sec-Butylbenzene	ND		0.500	1	10/19/2023 22:54	WG2154475
tert-Butylbenzene	ND		0.500	1	10/19/2023 22:54	WG2154475
Carbon disulfide	ND	C3	0.500	1	10/15/2023 02:40	WG2151501
Carbon tetrachloride	ND		0.500	1	10/15/2023 02:40	WG2151501
Chlorobenzene	ND		0.500	1	10/15/2023 02:40	WG2151501
Chlorodibromomethane	ND		0.500	1	10/15/2023 02:40	WG2151501
Chloroethane	ND		2.50	1	10/15/2023 02:40	WG2151501
Chloroform	ND		0.500	1	10/15/2023 02:40	WG2151501
Chloromethane	ND		1.25	1	10/15/2023 02:40	WG2151501
2-Chlorotoluene	ND		0.500	1	10/19/2023 22:54	WG2154475
4-Chlorotoluene	ND		0.500	1	10/19/2023 22:54	WG2154475
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/19/2023 22:54	WG2154475
1,2-Dibromoethane	ND		0.500	1	10/15/2023 02:40	WG2151501
Dibromomethane	ND		0.500	1	10/15/2023 02:40	WG2151501
1,2-Dichlorobenzene	ND		0.500	1	10/19/2023 22:54	WG2154475
1,3-Dichlorobenzene	ND		0.500	1	10/19/2023 22:54	WG2154475
1,4-Dichlorobenzene	ND		0.500	1	10/19/2023 22:54	WG2154475
Dichlorodifluoromethane	ND		2.50	1	10/15/2023 02:40	WG2151501

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

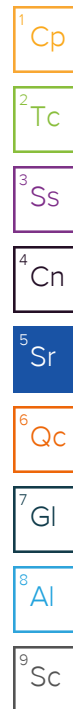
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	ND		0.500	1	10/15/2023 02:40	WG2151501
1,2-Dichloroethane	ND		0.500	1	10/15/2023 02:40	WG2151501
1,1-Dichloroethene	ND		0.500	1	10/15/2023 02:40	WG2151501
cis-1,2-Dichloroethene	8.97		0.500	1	10/15/2023 02:40	WG2151501
trans-1,2-Dichloroethene	ND		0.500	1	10/15/2023 02:40	WG2151501
1,2-Dichloropropane	ND		0.500	1	10/15/2023 02:40	WG2151501
1,1-Dichloropropene	ND		0.500	1	10/15/2023 02:40	WG2151501
1,3-Dichloropropane	ND		1.00	1	10/15/2023 02:40	WG2151501
cis-1,3-Dichloropropene	ND		0.500	1	10/15/2023 02:40	WG2151501
trans-1,3-Dichloropropene	ND		0.500	1	10/15/2023 02:40	WG2151501
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/19/2023 22:54	WG2154475
2,2-Dichloropropane	ND		0.500	1	10/15/2023 02:40	WG2151501
Di-isopropyl ether	ND		0.500	1	10/15/2023 02:40	WG2151501
Ethylbenzene	ND		0.500	1	10/15/2023 02:40	WG2151501
Hexachloro-1,3-butadiene	ND		1.00	1	10/19/2023 22:54	WG2154475
2-Hexanone	ND		5.00	1	10/15/2023 02:40	WG2151501
n-Hexane	ND		5.00	1	10/15/2023 02:40	WG2151501
Iodomethane	ND		5.00	1	10/15/2023 02:40	WG2151501
Isopropylbenzene	ND		0.500	1	10/15/2023 02:40	WG2151501
p-Isopropyltoluene	ND		0.500	1	10/19/2023 22:54	WG2154475
2-Butanone (MEK)	ND		5.00	1	10/15/2023 02:40	WG2151501
Methylene Chloride	ND		2.50	1	10/15/2023 02:40	WG2151501
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/15/2023 02:40	WG2151501
Methyl tert-butyl ether	8.83		0.500	1	10/15/2023 02:40	WG2151501
Naphthalene	ND	C3	2.50	1	10/19/2023 22:54	WG2154475
n-Propylbenzene	ND		0.500	1	10/19/2023 22:54	WG2154475
Styrene	ND		0.500	1	10/15/2023 02:40	WG2151501
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/15/2023 02:40	WG2151501
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/19/2023 22:54	WG2154475
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/15/2023 02:40	WG2151501
Tetrachloroethene	14.5		0.500	1	10/15/2023 02:40	WG2151501
Toluene	ND		0.500	1	10/15/2023 02:40	WG2151501
1,2,3-Trichlorobenzene	ND		0.500	1	10/19/2023 22:54	WG2154475
1,2,4-Trichlorobenzene	ND		1.00	1	10/19/2023 22:54	WG2154475
1,1,1-Trichloroethane	ND		0.500	1	10/15/2023 02:40	WG2151501
1,1,2-Trichloroethane	ND		0.500	1	10/15/2023 02:40	WG2151501
Trichloroethene	2.93		0.500	1	10/15/2023 02:40	WG2151501
Trichlorofluoromethane	ND		2.50	1	10/15/2023 02:40	WG2151501
1,2,3-Trichloropropane	ND		2.50	1	10/19/2023 22:54	WG2154475
1,2,4-Trimethylbenzene	ND		0.500	1	10/19/2023 22:54	WG2154475
1,2,3-Trimethylbenzene	ND		0.500	1	10/19/2023 22:54	WG2154475
1,3,5-Trimethylbenzene	ND		0.500	1	10/19/2023 22:54	WG2154475
Vinyl acetate	ND		5.00	1	10/15/2023 02:40	WG2151501
Vinyl chloride	0.529		0.500	1	10/15/2023 02:40	WG2151501
Xylenes, Total	ND		1.50	1	10/15/2023 02:40	WG2151501
(S) Toluene-d8	104		80.0-120		10/15/2023 02:40	WG2151501
(S) Toluene-d8	112		80.0-120		10/19/2023 22:54	WG2154475
(S) 4-Bromofluorobenzene	89.9		77.0-126		10/15/2023 02:40	WG2151501
(S) 4-Bromofluorobenzene	93.8		77.0-126		10/19/2023 22:54	WG2154475
(S) 1,2-Dichloroethane-d4	116		70.0-130		10/15/2023 02:40	WG2151501
(S) 1,2-Dichloroethane-d4	104		70.0-130		10/19/2023 22:54	WG2154475



Method Blank (MB)

(MB) R3987411-1 10/12/23 09:09

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Nitrate as (N)	U		48.0	100
Nitrite as (N)	U		42.0	100
Sulfate	U		594	5000

L1665028-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1665028-01 10/12/23 21:14 • (DUP) R3987411-3 10/13/23 01:51

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate as (N)	881	891	1	1.12		15
Nitrite as (N)	122	112	1	8.66		15
Sulfate	5660	5630	1	0.556		15

L1665642-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1665642-02 10/13/23 00:23 • (DUP) R3987411-6 10/13/23 04:22

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Nitrate as (N)	104	100	1	3.04		15
Nitrite as (N)	ND	ND	1	0.000		15
Sulfate	6450	6400	1	0.884		15

Laboratory Control Sample (LCS)

(LCS) R3987411-2 10/12/23 09:23

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Nitrate as (N)	8000	7720	96.5	90.0-110	
Nitrite as (N)	8000	7870	98.4	90.0-110	
Sulfate	40000	38900	97.3	90.0-110	

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

L1665526-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1665526-03 10/12/23 22:29 • (MS) R3987411-4 10/13/23 02:16 • (MSD) R3987411-5 10/13/23 02:29

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 %
Nitrate as (N)	8000	ND	8280	8370	104	105	1	80.0-120			1.04	15
Nitrite as (N)	8000	ND	8460	8530	106	107	1	80.0-120			0.818	15
Sulfate	40000	445000	395000	395000	0.000	0.000	1	80.0-120	EV	EV	0.0404	15

L1665642-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1665642-02 10/13/23 00:23 • (MS) R3987411-7 10/13/23 04:34

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate as (N)	8000	104	7580	93.5	1	80.0-120	
Nitrite as (N)	8000	ND	8140	102	1	80.0-120	
Sulfate	40000	6450	44200	94.3	1	80.0-120	

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R3986106-1 10/12/23 20:36

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Nitrate as (N)	U		48.0	100
Nitrite as (N)	U		42.0	100
Sulfate	U		594	5000

L1665642-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1665642-09 10/12/23 23:46 • (DUP) R3986106-3 10/13/23 00:03

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Nitrate as (N)	276	286	1	3.56		15
Nitrite as (N)	ND	ND	1	0.000		15
Sulfate	13800	13800	1	0.0427		15

L1662315-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1662315-18 10/13/23 03:42 • (DUP) R3986106-5 10/13/23 03:59

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Nitrate as (N)	ND	ND	1	3.78		15
Nitrite as (N)	ND	ND	1	0.000		15
Sulfate	ND	ND	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R3986106-2 10/12/23 20:53

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Nitrate as (N)	8000	7990	99.9	90.0-110	
Nitrite as (N)	8000	8290	104	90.0-110	
Sulfate	40000	40200	101	90.0-110	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1665642-09 Original Sample (OS) • Matrix Spike (MS)

(OS) L1665642-09 10/12/23 23:46 • (MS) R3986106-4 10/13/23 00:20

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Nitrate as (N)	8000	276	7690	92.7	1	80.0-120	
Nitrite as (N)	8000	ND	7810	97.6	1	80.0-120	
Sulfate	40000	13800	48900	87.7	1	80.0-120	

L1662315-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1662315-18 10/13/23 03:42 • (MS) R3986106-6 10/13/23 04:16 • (MSD) R3986106-7 10/13/23 04:33

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 %
Nitrate as (N)	8000	ND	8200	8130	102	101	1	80.0-120			0.844	15
Nitrite as (N)	8000	ND	8110	8140	101	102	1	80.0-120			0.381	15
Sulfate	40000	ND	40300	40300	101	101	1	80.0-120			0.0390	15

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3988071-2 10/18/23 10:42

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	155		102	1000

L1665711-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1665711-02 10/18/23 15:26 • (DUP) R3988071-5 10/18/23 15:42

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	3240	3300	1	2.02		20

L1665711-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1665711-08 10/18/23 18:38 • (DUP) R3988071-8 10/18/23 18:51

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	ND	ND	1	200	P1	20

Laboratory Control Sample (LCS)

(LCS) R3988071-1 10/18/23 10:28

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	26300	105	85.0-115	

L1665642-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1665642-09 10/18/23 13:33 • (MS) R3988071-3 10/18/23 13:56 • (MSD) R3988071-4 10/18/23 14:20

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	ND	27400	27500	106	107	1	85.0-115			0.620	20

L1665711-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1665711-07 10/18/23 17:00 • (MS) R3988071-6 10/18/23 17:23 • (MSD) R3988071-7 10/18/23 17:47

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	ND	26400	26400	105	105	1	85.0-115			0.0379	20

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

Method Blank (MB)

(MB) R3988332-1 10/19/23 10:27

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Iron,Dissolved	U		28.1	100
Manganese,Dissolved	U		0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3988332-2 10/19/23 10:31

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Iron,Dissolved	1000	1040	104	80.0-120	
Manganese,Dissolved	50.0	52.6	105	80.0-120	

L1665391-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1665391-01 10/19/23 10:34 • (MS) R3988332-4 10/19/23 10:41 • (MSD) R3988332-5 10/19/23 10:44

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron,Dissolved	1000	582	1610	1590	103	101	1	75.0-125			1.41	20
Manganese,Dissolved	50.0	1040	1080	1070	81.4	60.0	1	75.0-125	V		0.999	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3989743-1 10/22/23 22:50

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Iron,Dissolved	U		28.1	100
Manganese,Dissolved	U		0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3989743-2 10/22/23 22:54

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Iron,Dissolved	1000	1090	109	80.0-120	
Manganese,Dissolved	50.0	52.3	105	80.0-120	

L1665549-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1665549-16 10/22/23 22:57 • (MS) R3989743-4 10/22/23 23:04 • (MSD) R3989743-5 10/22/23 23:07

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron,Dissolved	1000	670	1600	1570	93.1	89.8	5	75.0-125			2.11	20
Manganese,Dissolved	50.0	5110	5150	5240	64.9	261	5	75.0-125	V	V	1.88	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3989694-1 10/22/23 23:59

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Iron	U		28.1	100
Manganese	U		0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3989694-2 10/23/23 00:03

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Iron	1000	1040	104	80.0-120	
Manganese	50.0	51.1	102	80.0-120	

L1665642-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1665642-05 10/23/23 00:06 • (MS) R3989694-4 10/23/23 00:13 • (MSD) R3989694-5 10/23/23 00:16

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron	1000	1470	2470	2500	99.9	103	1	75.0-125			1.29	20
Manganese	50.0	223	275	273	104	99.2	1	75.0-125			0.921	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3986729-2 10/16/23 14:05

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Methane	U		2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0

L1664557-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1664557-15 10/16/23 14:07 • (DUP) R3986729-3 10/16/23 14:50

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Methane	72.7	75.1	1	3.25		20
Ethane	ND	ND	1	6.65		20
Ethene	ND	ND	1	0.228		20

L1665459-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1665459-02 10/16/23 14:56 • (DUP) R3986729-4 10/16/23 15:25

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Methane	ND	ND	1	0.000		20
Ethane	ND	ND	1	0.000		20
Ethene	ND	ND	1	0.000		20

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

(LCS) R3986729-1 10/16/23 14:02 • (LCSD) R3986729-5 10/16/23 15:28

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	66.6	67.5	98.2	99.6	85.0-115			1.34	20
Ethane	129	116	115	89.9	89.1	85.0-115			0.866	20
Ethene	127	116	115	91.3	90.6	85.0-115			0.866	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3987321-2 10/17/23 12:17

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Methane	U		2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0

L1665666-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1665666-01 10/17/23 13:49 • (DUP) R3987321-3 10/17/23 14:20

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Methane	919	926	1	0.759		20
Ethane	ND	ND	1	0.000		20
Ethene	ND	ND	1	0.000		20

L1666176-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1666176-07 10/17/23 15:07 • (DUP) R3987321-4 10/17/23 15:15

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Methane	12.3	11.3	1	8.47		20
Ethane	ND	ND	1	0.000		20
Ethene	ND	ND	1	0.000		20

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

(LCS) R3987321-1 10/17/23 12:12 • (LCSD) R3987321-7 10/17/23 15:32

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	72.5	64.6	107	95.3	85.0-115			11.5	20
Ethane	129	111	112	86.0	86.8	85.0-115			0.897	20
Ethene	127	111	111	87.4	87.4	85.0-115			0.000	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1665393-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1665393-10 10/17/23 13:40 • (MS) R3987321-5 10/17/23 15:22 • (MSD) R3987321-6 10/17/23 15:24

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Methane	67.8	ND	70.3	68.2	104	101	1	50.0-150			3.03	20
Ethane	129	ND	130	128	101	99.2	1	50.0-150			1.55	20
Ethene	127	ND	129	127	102	100	1	50.0-150			1.56	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3987611-3 10/17/23 10:32

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromochloromethane	U		0.128	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
trans-1,4-Dichloro-2-butene	U		0.467	5.00
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3987611-3 10/17/23 10:32

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.137	0.500
Hexachloro-1,3-butadiene	U		0.337	1.00
2-Hexanone	U		0.787	5.00
n-Hexane	U		0.749	5.00
Iodomethane	U		0.554	5.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl acetate	U		0.692	5.00
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	101			80.0-120
(S) 4-Bromofluorobenzene	101			77.0-126
(S) 1,2-Dichloroethane-d4	96.3			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3987611-1 10/17/23 08:57 • (LCSD) R3987611-2 10/17/23 09:16

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	18.3	17.2	73.2	68.8	19.0-160			6.20	27
Acrylonitrile	25.0	26.7	28.4	107	114	55.0-149			6.17	20
Benzene	5.00	5.38	5.37	108	107	70.0-123			0.186	20
Bromobenzene	5.00	5.33	5.50	107	110	73.0-121			3.14	20
Bromodichloromethane	5.00	5.07	5.18	101	104	75.0-120			2.15	20
Bromochloromethane	5.00	4.72	4.75	94.4	95.0	76.0-122			0.634	20
Bromoform	5.00	4.37	4.44	87.4	88.8	68.0-132			1.59	20
Bromomethane	5.00	3.40	3.51	68.0	70.2	10.0-160			3.18	25
n-Butylbenzene	5.00	5.41	5.43	108	109	73.0-125			0.369	20
sec-Butylbenzene	5.00	5.93	6.17	119	123	75.0-125			3.97	20
tert-Butylbenzene	5.00	6.08	6.31	122	126	76.0-124		J4	3.71	20
Carbon disulfide	5.00	5.53	5.40	111	108	61.0-128			2.38	20
Carbon tetrachloride	5.00	5.01	4.84	100	96.8	68.0-126			3.45	20
Chlorobenzene	5.00	5.18	5.07	104	101	80.0-121			2.15	20
Chlorodibromomethane	5.00	5.08	4.92	102	98.4	77.0-125			3.20	20
Chloroethane	5.00	4.40	4.40	88.0	88.0	47.0-150			0.000	20
Chloroform	5.00	4.72	4.79	94.4	95.8	73.0-120			1.47	20
Chloromethane	5.00	5.16	5.10	103	102	41.0-142			1.17	20
2-Chlorotoluene	5.00	5.78	5.97	116	119	76.0-123			3.23	20
4-Chlorotoluene	5.00	6.08	6.28	122	126	75.0-122		J4	3.24	20
1,2-Dibromo-3-Chloropropane	5.00	4.25	4.45	85.0	89.0	58.0-134			4.60	20
1,2-Dibromoethane	5.00	5.04	4.92	101	98.4	80.0-122			2.41	20
Dibromomethane	5.00	4.66	4.59	93.2	91.8	80.0-120			1.51	20
1,2-Dichlorobenzene	5.00	4.98	5.21	99.6	104	79.0-121			4.51	20
1,3-Dichlorobenzene	5.00	5.42	5.56	108	111	79.0-120			2.55	20
1,4-Dichlorobenzene	5.00	5.26	5.35	105	107	79.0-120			1.70	20
Dichlorodifluoromethane	5.00	4.78	4.73	95.6	94.6	51.0-149			1.05	20
1,1-Dichloroethane	5.00	5.50	5.54	110	111	70.0-126			0.725	20
1,2-Dichloroethane	5.00	4.22	4.43	84.4	88.6	70.0-128			4.86	20
1,1-Dichloroethene	5.00	5.59	5.60	112	112	71.0-124			0.179	20
cis-1,2-Dichloroethene	5.00	5.03	5.01	101	100	73.0-120			0.398	20
trans-1,2-Dichloroethene	5.00	5.17	5.25	103	105	73.0-120			1.54	20
1,2-Dichloropropane	5.00	5.84	5.73	117	115	77.0-125			1.90	20
1,1-Dichloropropene	5.00	5.40	5.38	108	108	74.0-126			0.371	20
1,3-Dichloropropane	5.00	5.30	5.21	106	104	80.0-120			1.71	20
cis-1,3-Dichloropropene	5.00	5.49	5.61	110	112	80.0-123			2.16	20
trans-1,3-Dichloropropene	5.00	5.51	5.46	110	109	78.0-124			0.912	20
trans-1,4-Dichloro-2-butene	5.00	7.32	6.04	146	121	33.0-144	J4		19.2	20
2,2-Dichloropropane	5.00	5.34	5.28	107	106	58.0-130			1.13	20
Di-isopropyl ether	5.00	6.31	6.27	126	125	58.0-138			0.636	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3987611-1 10/17/23 08:57 • (LCSD) R3987611-2 10/17/23 09:16

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Ethylbenzene	5.00	5.20	5.11	104	102	79.0-123			1.75	20
Hexachloro-1,3-butadiene	5.00	3.94	4.44	78.8	88.8	54.0-138			11.9	20
2-Hexanone	25.0	30.2	28.9	121	116	67.0-149			4.40	20
n-Hexane	5.00	6.00	5.87	120	117	57.0-133			2.19	20
Iodomethane	25.0	21.3	21.0	85.2	84.0	33.0-147			1.42	26
Isopropylbenzene	5.00	5.23	5.20	105	104	76.0-127			0.575	20
p-Isopropyltoluene	5.00	5.01	5.31	100	106	76.0-125			5.81	20
2-Butanone (MEK)	25.0	29.4	29.1	118	116	44.0-160			1.03	20
Methylene Chloride	5.00	4.74	4.73	94.8	94.6	67.0-120			0.211	20
4-Methyl-2-pentanone (MIBK)	25.0	31.2	29.8	125	119	68.0-142			4.59	20
Methyl tert-butyl ether	5.00	4.32	4.19	86.4	83.8	68.0-125			3.06	20
Naphthalene	5.00	3.22	3.61	64.4	72.2	54.0-135			11.4	20
n-Propylbenzene	5.00	5.91	6.13	118	123	77.0-124			3.65	20
Styrene	5.00	4.49	4.43	89.8	88.6	73.0-130			1.35	20
1,1,1,2-Tetrachloroethane	5.00	5.08	4.90	102	98.0	75.0-125			3.61	20
1,1,2,2-Tetrachloroethane	5.00	5.35	5.36	107	107	65.0-130			0.187	20
1,1,2-Trichlorotrifluoroethane	5.00	5.64	5.69	113	114	69.0-132			0.883	20
Tetrachloroethene	5.00	5.46	5.30	109	106	72.0-132			2.97	20
Toluene	5.00	5.38	5.20	108	104	79.0-120			3.40	20
1,2,3-Trichlorobenzene	5.00	3.46	3.82	69.2	76.4	50.0-138			9.89	20
1,2,4-Trichlorobenzene	5.00	3.40	3.89	68.0	77.8	57.0-137			13.4	20
1,1,1-Trichloroethane	5.00	4.84	4.89	96.8	97.8	73.0-124			1.03	20
1,1,2-Trichloroethane	5.00	5.08	4.98	102	99.6	80.0-120			1.99	20
Trichloroethene	5.00	5.08	5.15	102	103	78.0-124			1.37	20
Trichlorofluoromethane	5.00	5.31	5.32	106	106	59.0-147			0.188	20
1,2,3-Trichloropropane	5.00	5.23	5.19	105	104	73.0-130			0.768	20
1,2,4-Trimethylbenzene	5.00	5.80	6.03	116	121	76.0-121			3.89	20
1,2,3-Trimethylbenzene	5.00	5.41	5.55	108	111	77.0-120			2.55	20
1,3,5-Trimethylbenzene	5.00	5.97	6.18	119	124	76.0-122		J4	3.46	20
Vinyl acetate	25.0	31.4	31.0	126	124	11.0-160			1.28	20
Vinyl chloride	5.00	4.51	4.63	90.2	92.6	67.0-131			2.63	20
Xylenes, Total	15.0	15.8	14.5	105	96.7	79.0-123			8.58	20
(S) Toluene-d8				101	101	80.0-120				
(S) 4-Bromofluorobenzene				101	98.9	77.0-126				
(S) 1,2-Dichloroethane-d4				96.3	97.6	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3988402-3 10/15/23 01:23

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromodichloromethane	U		0.136	0.500
Bromochloromethane	U		0.128	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500
Ethylbenzene	U		0.137	0.500
2-Hexanone	U		0.787	5.00
n-Hexane	U		0.749	5.00
Iodomethane	U		0.554	5.00
Isopropylbenzene	U		0.105	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3988402-3 10/15/23 01:23

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
Vinyl acetate	U		0.692	5.00
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	104			80.0-120
(S) 4-Bromofluorobenzene	89.4			77.0-126
(S) 1,2-Dichloroethane-d4	117			70.0-130

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

(LCS) R3988402-1 10/14/23 23:49 • (LCSD) R3988402-2 10/15/23 00:08

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 %
Acetone	25.0	20.3	22.0	81.2	88.0	19.0-160			8.04	27
Acrylonitrile	25.0	27.1	28.3	108	113	55.0-149			4.33	20
Benzene	5.00	4.49	4.54	89.8	90.8	70.0-123			1.11	20
Bromodichloromethane	5.00	4.97	5.24	99.4	105	75.0-120			5.29	20
Bromochloromethane	5.00	4.38	4.42	87.6	88.4	76.0-122			0.909	20
Bromoform	5.00	4.37	4.74	87.4	94.8	68.0-132			8.12	20
Bromomethane	5.00	4.37	4.17	87.4	83.4	10.0-160			4.68	25
Carbon disulfide	5.00	3.68	3.85	73.6	77.0	61.0-128			4.52	20
Carbon tetrachloride	5.00	4.71	4.73	94.2	94.6	68.0-126			0.424	20
Chlorobenzene	5.00	4.67	4.87	93.4	97.4	80.0-121			4.19	20
Chlorodibromomethane	5.00	4.66	4.93	93.2	98.6	77.0-125			5.63	20
Chloroethane	5.00	5.11	5.31	102	106	47.0-150			3.84	20
Chloroform	5.00	4.66	4.55	93.2	91.0	73.0-120			2.39	20
Chloromethane	5.00	5.40	5.40	108	108	41.0-142			0.000	20
1,2-Dibromoethane	5.00	5.04	5.28	101	106	80.0-122			4.65	20
Dibromomethane	5.00	5.01	4.99	100	99.8	80.0-120			0.400	20
Dichlorodifluoromethane	5.00	4.64	4.86	92.8	97.2	51.0-149			4.63	20
1,1-Dichloroethane	5.00	5.53	5.48	111	110	70.0-126			0.908	20
1,2-Dichloroethane	5.00	5.53	5.51	111	110	70.0-128			0.362	20
1,1-Dichloroethene	5.00	5.19	5.43	104	109	71.0-124			4.52	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R3988402-1 10/14/23 23:49 • (LCSD) R3988402-2 10/15/23 00:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
cis-1,2-Dichloroethene	5.00	4.41	4.39	88.2	87.8	73.0-120			0.455	20
trans-1,2-Dichloroethene	5.00	4.35	4.42	87.0	88.4	73.0-120			1.60	20
1,2-Dichloropropane	5.00	5.46	5.35	109	107	77.0-125			2.04	20
1,1-Dichloropropene	5.00	4.76	4.79	95.2	95.8	74.0-126			0.628	20
1,3-Dichloropropane	5.00	5.25	5.39	105	108	80.0-120			2.63	20
cis-1,3-Dichloropropene	5.00	5.23	5.33	105	107	80.0-123			1.89	20
trans-1,3-Dichloropropene	5.00	5.30	5.56	106	111	78.0-124			4.79	20
2,2-Dichloropropane	5.00	4.71	4.60	94.2	92.0	58.0-130			2.36	20
Di-isopropyl ether	5.00	5.45	5.34	109	107	58.0-138			2.04	20
Ethylbenzene	5.00	4.52	4.60	90.4	92.0	79.0-123			1.75	20
2-Hexanone	25.0	30.3	32.2	121	129	67.0-149			6.08	20
n-Hexane	5.00	4.56	4.80	91.2	96.0	57.0-133			5.13	20
Iodomethane	25.0	21.1	20.5	84.4	82.0	33.0-147			2.88	26
Isopropylbenzene	5.00	4.35	4.49	87.0	89.8	76.0-127			3.17	20
2-Butanone (MEK)	25.0	24.5	25.7	98.0	103	44.0-160			4.78	20
Methylene Chloride	5.00	4.36	4.37	87.2	87.4	67.0-120			0.229	20
4-Methyl-2-pentanone (MIBK)	25.0	28.1	28.9	112	116	68.0-142			2.81	20
Methyl tert-butyl ether	5.00	4.04	4.12	80.8	82.4	68.0-125			1.96	20
Styrene	5.00	4.06	4.18	81.2	83.6	73.0-130			2.91	20
1,1,1,2-Tetrachloroethane	5.00	4.30	4.63	86.0	92.6	75.0-125			7.39	20
1,1,2-Trichlorotrifluoroethane	5.00	4.21	4.53	84.2	90.6	69.0-132			7.32	20
Tetrachloroethene	5.00	4.57	4.64	91.4	92.8	72.0-132			1.52	20
Toluene	5.00	4.75	4.83	95.0	96.6	79.0-120			1.67	20
1,1,1-Trichloroethane	5.00	4.72	4.63	94.4	92.6	73.0-124			1.93	20
1,1,2-Trichloroethane	5.00	5.16	5.52	103	110	80.0-120			6.74	20
Trichloroethene	5.00	4.56	4.73	91.2	94.6	78.0-124			3.66	20
Trichlorofluoromethane	5.00	4.91	4.81	98.2	96.2	59.0-147			2.06	20
Vinyl acetate	25.0	24.4	23.6	97.6	94.4	11.0-160			3.33	20
Vinyl chloride	5.00	5.06	5.10	101	102	67.0-131			0.787	20
Xylenes, Total	15.0	13.5	14.0	90.0	93.3	79.0-123			3.64	20
(S) Toluene-d8				103	104	80.0-120				
(S) 4-Bromofluorobenzene				89.2	90.0	77.0-126				
(S) 1,2-Dichloroethane-d4				117	116	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3988994-3 10/19/23 17:09

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Bromobenzene	U		0.118	0.500
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
trans-1,4-Dichloro-2-butene	U		0.467	5.00
Hexachloro-1,3-butadiene	U		0.337	1.00
p-Isopropyltoluene	U		0.120	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
(S) Toluene-d8	114			80.0-120
(S) 4-Bromofluorobenzene	94.7			77.0-126
(S) 1,2-Dichloroethane-d4	104			70.0-130

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R3988994-1 10/19/23 15:43 • (LCSD) R3988994-2 10/19/23 16:04

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 %
Bromobenzene	5.00	4.72	4.59	94.4	91.8	73.0-121			2.79	20
n-Butylbenzene	5.00	4.75	4.62	95.0	92.4	73.0-125			2.77	20
sec-Butylbenzene	5.00	5.09	4.79	102	95.8	75.0-125			6.07	20
tert-Butylbenzene	5.00	5.44	5.21	109	104	76.0-124			4.32	20
2-Chlorotoluene	5.00	5.00	4.76	100	95.2	76.0-123			4.92	20
4-Chlorotoluene	5.00	5.08	4.96	102	99.2	75.0-122			2.39	20
1,2-Dibromo-3-Chloropropane	5.00	4.59	4.91	91.8	98.2	58.0-134			6.74	20
1,2-Dichlorobenzene	5.00	4.87	4.86	97.4	97.2	79.0-121			0.206	20

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

(LCS) R3988994-1 10/19/23 15:43 • (LCSD) R3988994-2 10/19/23 16:04

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
1,3-Dichlorobenzene	5.00	5.06	5.04	101	101	79.0-120			0.396	20
1,4-Dichlorobenzene	5.00	5.24	5.13	105	103	79.0-120			2.12	20
trans-1,4-Dichloro-2-butene	5.00	3.27	3.40	65.4	68.0	33.0-144			3.90	20
Hexachloro-1,3-butadiene	5.00	4.83	4.56	96.6	91.2	54.0-138			5.75	20
p-Isopropyltoluene	5.00	5.02	4.85	100	97.0	76.0-125			3.44	20
Naphthalene	5.00	3.82	3.85	76.4	77.0	54.0-135			0.782	20
n-Propylbenzene	5.00	4.91	4.69	98.2	93.8	77.0-124			4.58	20
1,1,2,2-Tetrachloroethane	5.00	4.66	4.55	93.2	91.0	65.0-130			2.39	20
1,2,3-Trichlorobenzene	5.00	4.17	4.37	83.4	87.4	50.0-138			4.68	20
1,2,4-Trichlorobenzene	5.00	4.76	4.78	95.2	95.6	57.0-137			0.419	20
1,2,3-Trichloropropane	5.00	5.22	4.96	104	99.2	73.0-130			5.11	20
1,2,4-Trimethylbenzene	5.00	4.84	4.60	96.8	92.0	76.0-121			5.08	20
1,2,3-Trimethylbenzene	5.00	4.60	4.58	92.0	91.6	77.0-120			0.436	20
1,3,5-Trimethylbenzene	5.00	4.96	4.66	99.2	93.2	76.0-122			6.24	20
(S) Toluene-d8				112	108	80.0-120				
(S) 4-Bromofluorobenzene				96.1	92.4	77.0-126				
(S) 1,2-Dichloroethane-d4				103	103	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

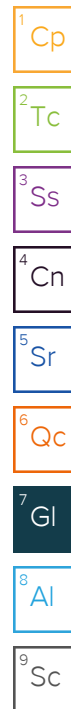
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

Abbreviations and Definitions

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

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
V	The sample concentration is too high to evaluate accurate spike recoveries.



ACCREDITATIONS & LOCATIONS

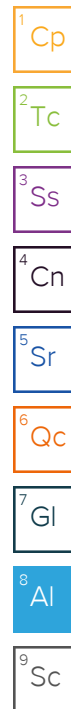
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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



Company Name / Address: PNG Environmental 6665 SW Hampton St., Suite 101 Tigard, OR 97223		Billing Information: Accounts Payable- Arla Johnson 6665 SW Hampton St. Suite 101 Tigard, OR 97223		Pres Chk		Analysis / Container / Preservative										Chain of Custody Page 1 of 1	
Report to: Guy Tanz		Email To: gtanz@pngenv.com														 PEOPLE ADVANCING SCIENCE MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf	
Project Description:		City/State Collected:		Please Circle: PT MT CT ET												SDG # 11665642 C144	
Phone: 503-620-2387		Client Project # 1176		Lab Project # PNGENVTOR-SPRINGVILL												Acctnum: PNGENVTOR Template: T237420 Prelogin: P1023137 PM: 110 - Brian Ford PB:	
Collected by (print): Jay Griffin		Site/Facility ID # SPRINGFIELD, OR		P.O. # 1176												Shipped Via:	
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 #												Remarks	
Immediately Packed on Ice N Y				Date Results Needed												Sample # (lab only)	
Sample ID		Comp/Grab		Matrix *		Depth		Date		Time		No. of Cntrs					
TB-101123		G		GW		101123		0901		1							
MW-27C3				GW				0911		9		+		+			
MW-27C7				GW				0919		9		+		+			
MW-47i				GW				1109		9		+		+			
MW-47d								1025		9		+		+			
MW-47s								1051		3				+			
MW-49s								1140		3				+			
MW-49i								1200		9		+		+			
MW-35i								1250		9		+		+			
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks: *NO3, NO2 have a 48 hour holding time.		pH Temp		Flow Other		Sample Receipt Checklist COC Seal Present/Intact: NP Y N COC Signed/Accurate: Y N Bottles arrive intact: Y N Correct bottles used: Y N Sufficient volume sent: Y N If Applicable VOA Zero Headspace: Y N Preservation Correct/Checked: Y N RAD Screen <0.5 mR/hr: Y N									
Relinquished by: (Signature) [Signature]		Date: 10-11-23		Time: 7:45		Tracking # 6643 4297 2227		Received by: (Signature) [Signature]		Trip Blank Received: Yes/No HCL/MeOH TBR		Temp: 44°C 300.30 60		Bottles Received: 60		If preservation required by Login: Date/Time	
Relinquished by: (Signature) [Signature]		Date:		Time:		Received by: (Signature) [Signature]		Date:		Time:		Hold:		Condition: NCF 1 OK			

October 26, 2023

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

PNG Environmental

Sample Delivery Group: L1667481
Samples Received: 10/17/2023
Project Number: 1176
Description:
Site: SPRINGFIELD, OR
Report To: Guy Tanz
6665 SW Hampton St., Suite 101
Tigard, OR 97223

Entire Report Reviewed By:



Brian Ford
Project Manager

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

Pace Analytical National

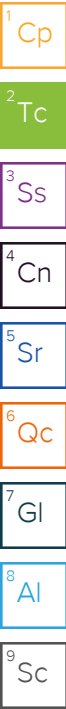
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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

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SAMPLE SUMMARY

TB-101223 L1667481-01 GW

				Collected by Jay Greifer	Collected date/time 10/12/23 07:58	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/20/23 23:08	10/20/23 23:08	DYW	Mt. Juliet, TN

MW-25 C 1 L1667481-02 GW

				Collected by Jay Greifer	Collected date/time 10/12/23 10:00	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/20/23 23:51	10/20/23 23:51	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2156456	1	10/24/23 00:45	10/24/23 00:45	KSD	Mt. Juliet, TN

MW-25 C 3 L1667481-03 GW

				Collected by Jay Greifer	Collected date/time 10/12/23 09:51	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 00:13	10/21/23 00:13	DYW	Mt. Juliet, TN

MW-25 C 5 L1667481-04 GW

				Collected by Jay Greifer	Collected date/time 10/12/23 09:41	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 00:35	10/21/23 00:35	DYW	Mt. Juliet, TN

MW-25 C 6 L1667481-05 GW

				Collected by Jay Greifer	Collected date/time 10/12/23 09:24	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 00:57	10/21/23 00:57	DYW	Mt. Juliet, TN

MW-25 C 7 L1667481-06 GW

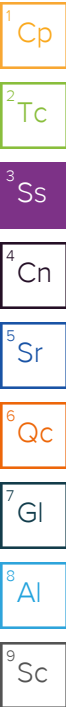
				Collected by Jay Greifer	Collected date/time 10/12/23 09:04	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 01:18	10/21/23 01:18	DYW	Mt. Juliet, TN

MW-99 L1667481-07 GW

				Collected by Jay Greifer	Collected date/time 10/12/23 09:53	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 01:40	10/21/23 01:40	DYW	Mt. Juliet, TN

MW-26 C 1 L1667481-08 GW

				Collected by Jay Greifer	Collected date/time 10/12/23 11:23	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 02:02	10/21/23 02:02	DYW	Mt. Juliet, TN



SAMPLE SUMMARY

MW-26 C 3 L1667481-09 GW

				Collected by Jay Greifer	Collected date/time 10/12/23 11:16	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 02:24	10/21/23 02:24	DYW	Mt. Juliet, TN

MW-26 C 4 L1667481-10 GW

				Collected by Jay Greifer	Collected date/time 10/12/23 11:07	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 02:46	10/21/23 02:46	DYW	Mt. Juliet, TN

MW-26 C 5 L1667481-11 GW

				Collected by Jay Greifer	Collected date/time 10/12/23 10:52	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 03:07	10/21/23 03:07	DYW	Mt. Juliet, TN

MW-34 C 1 L1667481-12 GW

				Collected by Jay Greifer	Collected date/time 10/12/23 12:10	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 03:29	10/21/23 03:29	DYW	Mt. Juliet, TN

MW-34 C 3 L1667481-13 GW

				Collected by Jay Greifer	Collected date/time 10/12/23 12:04	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 03:51	10/21/23 03:51	DYW	Mt. Juliet, TN

MW-34 C 5 L1667481-14 GW

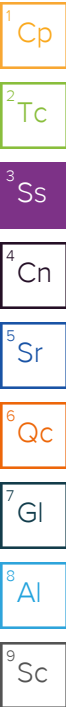
				Collected by Jay Greifer	Collected date/time 10/12/23 11:52	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 04:13	10/21/23 04:13	DYW	Mt. Juliet, TN

MW-32 C 3 L1667481-15 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 08:59	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 04:35	10/21/23 04:35	DYW	Mt. Juliet, TN

MW-32 C 5 L1667481-16 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 08:46	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 04:56	10/21/23 04:56	DYW	Mt. Juliet, TN



SAMPLE SUMMARY

MW-31 C 3 L1667481-17 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 09:40	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 05:18	10/21/23 05:18	DYW	Mt. Juliet, TN

MW-31 C 5 L1667481-18 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 09:28	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 05:40	10/21/23 05:40	DYW	Mt. Juliet, TN

MW-27 C 1 L1667481-19 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 10:17	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155181	1	10/21/23 06:02	10/21/23 06:02	DYW	Mt. Juliet, TN

MW-27 C 4 L1667481-20 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 10:07	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155590	1	10/23/23 14:25	10/23/23 14:25	JCP	Mt. Juliet, TN

MW-30 C 1 L1667481-21 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 11:15	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155590	1	10/23/23 14:47	10/23/23 14:47	JCP	Mt. Juliet, TN

MW-30 C 3 L1667481-22 GW

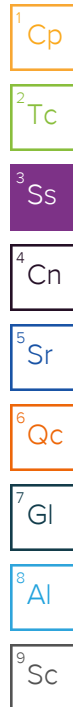
				Collected by Jay Greifer	Collected date/time 10/13/23 11:04	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155590	1	10/23/23 15:09	10/23/23 15:09	JCP	Mt. Juliet, TN

MW-30 C 5 L1667481-23 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 10:49	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155590	1	10/23/23 15:31	10/23/23 15:31	JCP	Mt. Juliet, TN

MW-98 L1667481-24 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 11:05	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155590	1	10/23/23 15:52	10/23/23 15:52	JCP	Mt. Juliet, TN



SAMPLE SUMMARY

MW-33 C 1 L1667481-25 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 12:40	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155590	1	10/23/23 16:14	10/23/23 16:14	JCP	Mt. Juliet, TN

MW-33 C 2 L1667481-26 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 12:30	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155590	1	10/23/23 16:36	10/23/23 16:36	JCP	Mt. Juliet, TN

MW-33 C 3 L1667481-27 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 12:23	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155590	1	10/23/23 16:58	10/23/23 16:58	JCP	Mt. Juliet, TN

MW-33 C 4 L1667481-28 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 12:10	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155590	1	10/23/23 17:20	10/23/23 17:20	JCP	Mt. Juliet, TN

MW-33 C 5 L1667481-29 GW

				Collected by Jay Greifer	Collected date/time 10/13/23 11:56	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155590	1	10/23/23 17:42	10/23/23 17:42	JCP	Mt. Juliet, TN

MW-28 C 1 L1667481-30 GW

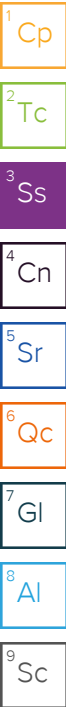
				Collected by Jay Greifer	Collected date/time 10/16/23 09:20	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155590	1	10/23/23 18:04	10/23/23 18:04	JCP	Mt. Juliet, TN

MW-28 C 2 L1667481-31 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 09:13	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/21/23 23:04	10/21/23 23:04	ACG	Mt. Juliet, TN

MW-28 C 3 L1667481-32 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 09:03	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/21/23 23:24	10/21/23 23:24	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2158025	5	10/26/23 01:55	10/26/23 01:55	DYW	Mt. Juliet, TN



SAMPLE SUMMARY

MW-28 C 4 L1667481-33 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 08:52	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/21/23 23:44	10/21/23 23:44	ACG	Mt. Juliet, TN

MW-28 C 5 L1667481-34 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 08:40	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 00:03	10/22/23 00:03	ACG	Mt. Juliet, TN

MW-37 C 1 L1667481-35 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 10:11	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 00:23	10/22/23 00:23	ACG	Mt. Juliet, TN

MW-37 C 3 L1667481-36 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 10:03	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 00:43	10/22/23 00:43	ACG	Mt. Juliet, TN

MW-37 C 4 L1667481-37 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 09:52	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 01:03	10/22/23 01:03	ACG	Mt. Juliet, TN

MW-38 C 1 L1667481-38 GW

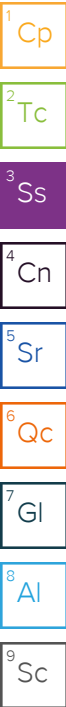
				Collected by Jay Greifer	Collected date/time 10/16/23 10:57	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 01:22	10/22/23 01:22	ACG	Mt. Juliet, TN

MW-38 C 3 L1667481-39 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 11:07	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 01:42	10/22/23 01:42	ACG	Mt. Juliet, TN

MW-38 C 4 L1667481-40 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 10:51	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 02:02	10/22/23 02:02	ACG	Mt. Juliet, TN



SAMPLE SUMMARY

MW-1S L1667481-41 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 11:59	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 02:21	10/22/23 02:21	ACG	Mt. Juliet, TN

MW-2S L1667481-42 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 12:14	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 02:41	10/22/23 02:41	ACG	Mt. Juliet, TN

DEQ-1D L1667481-43 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 12:26	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 03:01	10/22/23 03:01	ACG	Mt. Juliet, TN

MW-29S L1667481-44 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 12:39	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 03:20	10/22/23 03:20	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2158025	5	10/26/23 02:16	10/26/23 02:16	DYW	Mt. Juliet, TN

MW-3S L1667481-45 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 12:50	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 03:40	10/22/23 03:40	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2158025	1	10/26/23 00:30	10/26/23 00:30	DYW	Mt. Juliet, TN

MW-16S L1667481-46 GW

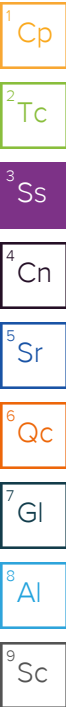
				Collected by Jay Greifer	Collected date/time 10/16/23 12:58	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 03:59	10/22/23 03:59	ACG	Mt. Juliet, TN

MW-17I L1667481-47 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 13:10	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 04:19	10/22/23 04:19	ACG	Mt. Juliet, TN

MW-97 L1667481-48 GW

				Collected by Jay Greifer	Collected date/time 10/16/23 13:11	Received date/time 10/17/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 04:38	10/22/23 04:38	ACG	Mt. Juliet, TN



SAMPLE SUMMARY

MW-21I L1667481-49 GW

Collected by
Jay Greifer

Collected date/time
10/16/23 13:26

Received date/time
10/17/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 04:58	10/22/23 04:58	ACG	Mt. Juliet, TN

MW-22S L1667481-50 GW

Collected by
Jay Greifer

Collected date/time
10/16/23 13:37

Received date/time
10/17/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2155719	1	10/22/23 05:17	10/22/23 05:17	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2158025	5	10/26/23 02:37	10/26/23 02:37	DYW	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

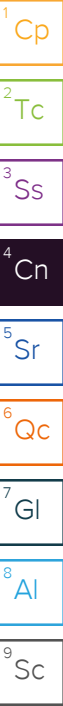
⁹Sc

CASE NARRATIVE

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



Brian Ford
Project Manager



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/20/2023 23:08	WG2155181
Acrylonitrile	ND		5.00	1	10/20/2023 23:08	WG2155181
Benzene	ND		0.500	1	10/20/2023 23:08	WG2155181
Bromobenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
Bromodichloromethane	ND		0.500	1	10/20/2023 23:08	WG2155181
Bromochloromethane	ND		0.500	1	10/20/2023 23:08	WG2155181
Bromoform	ND		0.500	1	10/20/2023 23:08	WG2155181
Bromomethane	ND	C3	2.50	1	10/20/2023 23:08	WG2155181
n-Butylbenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
sec-Butylbenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
tert-Butylbenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
Carbon disulfide	ND		0.500	1	10/20/2023 23:08	WG2155181
Carbon tetrachloride	ND		0.500	1	10/20/2023 23:08	WG2155181
Chlorobenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
Chlorodibromomethane	ND		0.500	1	10/20/2023 23:08	WG2155181
Chloroethane	ND		2.50	1	10/20/2023 23:08	WG2155181
Chloroform	ND		0.500	1	10/20/2023 23:08	WG2155181
Chloromethane	ND	J4	1.25	1	10/20/2023 23:08	WG2155181
2-Chlorotoluene	ND		0.500	1	10/20/2023 23:08	WG2155181
4-Chlorotoluene	ND		0.500	1	10/20/2023 23:08	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/20/2023 23:08	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/20/2023 23:08	WG2155181
Dibromomethane	ND		0.500	1	10/20/2023 23:08	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/20/2023 23:08	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/20/2023 23:08	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/20/2023 23:08	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/20/2023 23:08	WG2155181
cis-1,2-Dichloroethene	ND		0.500	1	10/20/2023 23:08	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/20/2023 23:08	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/20/2023 23:08	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/20/2023 23:08	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/20/2023 23:08	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/20/2023 23:08	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/20/2023 23:08	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/20/2023 23:08	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/20/2023 23:08	WG2155181
Di-isopropyl ether	ND		0.500	1	10/20/2023 23:08	WG2155181
Ethylbenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/20/2023 23:08	WG2155181
2-Hexanone	ND	J4	5.00	1	10/20/2023 23:08	WG2155181
n-Hexane	ND		5.00	1	10/20/2023 23:08	WG2155181
Iodomethane	ND		5.00	1	10/20/2023 23:08	WG2155181
Isopropylbenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/20/2023 23:08	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/20/2023 23:08	WG2155181
Methylene Chloride	ND		2.50	1	10/20/2023 23:08	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/20/2023 23:08	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/20/2023 23:08	WG2155181
Naphthalene	ND		2.50	1	10/20/2023 23:08	WG2155181
n-Propylbenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
Styrene	ND		0.500	1	10/20/2023 23:08	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/20/2023 23:08	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/20/2023 23:08	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

TB-101223

SAMPLE RESULTS - 01

Collected date/time: 10/12/23 07:58

L1667481

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/20/2023 23:08	WG2155181
Tetrachloroethene	ND		0.500	1	10/20/2023 23:08	WG2155181
Toluene	ND		0.500	1	10/20/2023 23:08	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/20/2023 23:08	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/20/2023 23:08	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/20/2023 23:08	WG2155181
Trichloroethene	ND		0.500	1	10/20/2023 23:08	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/20/2023 23:08	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/20/2023 23:08	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/20/2023 23:08	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/20/2023 23:08	WG2155181
Vinyl chloride	ND		0.500	1	10/20/2023 23:08	WG2155181
Xylenes, Total	ND		1.50	1	10/20/2023 23:08	WG2155181
(S) Toluene-d8	108		80.0-120		10/20/2023 23:08	WG2155181
(S) 4-Bromofluorobenzene	92.2		77.0-126		10/20/2023 23:08	WG2155181
(S) 1,2-Dichloroethane-d4	118		70.0-130		10/20/2023 23:08	WG2155181

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

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/20/2023 23:51	WG2155181
Acrylonitrile	ND		5.00	1	10/20/2023 23:51	WG2155181
Benzene	ND		0.500	1	10/20/2023 23:51	WG2155181
Bromobenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
Bromodichloromethane	ND		0.500	1	10/20/2023 23:51	WG2155181
Bromochloromethane	ND		0.500	1	10/20/2023 23:51	WG2155181
Bromoform	ND		0.500	1	10/20/2023 23:51	WG2155181
Bromomethane	ND	C3	2.50	1	10/20/2023 23:51	WG2155181
n-Butylbenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
sec-Butylbenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
tert-Butylbenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
Carbon disulfide	ND		0.500	1	10/20/2023 23:51	WG2155181
Carbon tetrachloride	ND		0.500	1	10/20/2023 23:51	WG2155181
Chlorobenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
Chlorodibromomethane	ND		0.500	1	10/20/2023 23:51	WG2155181
Chloroethane	ND		2.50	1	10/20/2023 23:51	WG2155181
Chloroform	ND		0.500	1	10/20/2023 23:51	WG2155181
Chloromethane	ND	J4	1.25	1	10/20/2023 23:51	WG2155181
2-Chlorotoluene	ND		0.500	1	10/20/2023 23:51	WG2155181
4-Chlorotoluene	ND		0.500	1	10/20/2023 23:51	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/20/2023 23:51	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/20/2023 23:51	WG2155181
Dibromomethane	ND		0.500	1	10/20/2023 23:51	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/20/2023 23:51	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/20/2023 23:51	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/20/2023 23:51	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/20/2023 23:51	WG2155181
cis-1,2-Dichloroethene	ND		0.500	1	10/20/2023 23:51	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/20/2023 23:51	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/20/2023 23:51	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/20/2023 23:51	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/20/2023 23:51	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/20/2023 23:51	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/20/2023 23:51	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/20/2023 23:51	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/20/2023 23:51	WG2155181
Di-isopropyl ether	ND		0.500	1	10/20/2023 23:51	WG2155181
Ethylbenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/20/2023 23:51	WG2155181
2-Hexanone	ND	J4	5.00	1	10/20/2023 23:51	WG2155181
n-Hexane	ND		5.00	1	10/20/2023 23:51	WG2155181
Iodomethane	ND		5.00	1	10/20/2023 23:51	WG2155181
Isopropylbenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/20/2023 23:51	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/20/2023 23:51	WG2155181
Methylene Chloride	ND		2.50	1	10/20/2023 23:51	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/20/2023 23:51	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/20/2023 23:51	WG2155181
Naphthalene	ND		2.50	1	10/20/2023 23:51	WG2155181
n-Propylbenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
Styrene	ND		0.500	1	10/20/2023 23:51	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/20/2023 23:51	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/20/2023 23:51	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/20/2023 23:51	WG2155181
Tetrachloroethene	ND		0.500	1	10/24/2023 00:45	WG2156456
Toluene	ND		0.500	1	10/20/2023 23:51	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/20/2023 23:51	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/20/2023 23:51	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/20/2023 23:51	WG2155181
Trichloroethene	ND		0.500	1	10/20/2023 23:51	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/20/2023 23:51	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/20/2023 23:51	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/20/2023 23:51	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/20/2023 23:51	WG2155181
Vinyl chloride	ND		0.500	1	10/20/2023 23:51	WG2155181
Xylenes, Total	ND		1.50	1	10/20/2023 23:51	WG2155181
(S) Toluene-d8	110		80.0-120		10/20/2023 23:51	WG2155181
(S) Toluene-d8	107		80.0-120		10/24/2023 00:45	WG2156456
(S) 4-Bromofluorobenzene	91.2		77.0-126		10/20/2023 23:51	WG2155181
(S) 4-Bromofluorobenzene	89.1		77.0-126		10/24/2023 00:45	WG2156456
(S) 1,2-Dichloroethane-d4	110		70.0-130		10/20/2023 23:51	WG2155181
(S) 1,2-Dichloroethane-d4	109		70.0-130		10/24/2023 00:45	WG2156456

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

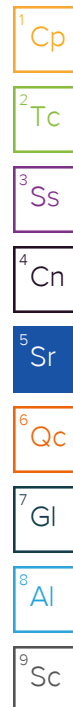
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 00:13	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 00:13	WG2155181
Benzene	ND		0.500	1	10/21/2023 00:13	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 00:13	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 00:13	WG2155181
Bromoform	ND		0.500	1	10/21/2023 00:13	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 00:13	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 00:13	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 00:13	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 00:13	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 00:13	WG2155181
Chloroform	ND		0.500	1	10/21/2023 00:13	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 00:13	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 00:13	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 00:13	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 00:13	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 00:13	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 00:13	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 00:13	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 00:13	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 00:13	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 00:13	WG2155181
cis-1,2-Dichloroethene	14.4		0.500	1	10/21/2023 00:13	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 00:13	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 00:13	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 00:13	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 00:13	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 00:13	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 00:13	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 00:13	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 00:13	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 00:13	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 00:13	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 00:13	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 00:13	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 00:13	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 00:13	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 00:13	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 00:13	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 00:13	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 00:13	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 00:13	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
Styrene	ND		0.500	1	10/21/2023 00:13	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 00:13	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 00:13	WG2155181



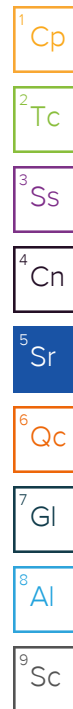
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 00:13	WG2155181
Tetrachloroethene	58.1		0.500	1	10/21/2023 00:13	WG2155181
Toluene	ND		0.500	1	10/21/2023 00:13	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 00:13	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 00:13	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 00:13	WG2155181
Trichloroethene	40.0		0.500	1	10/21/2023 00:13	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 00:13	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 00:13	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 00:13	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 00:13	WG2155181
Vinyl chloride	1.10		0.500	1	10/21/2023 00:13	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 00:13	WG2155181
(S) Toluene-d8	111		80.0-120		10/21/2023 00:13	WG2155181
(S) 4-Bromofluorobenzene	93.4		77.0-126		10/21/2023 00:13	WG2155181
(S) 1,2-Dichloroethane-d4	108		70.0-130		10/21/2023 00:13	WG2155181

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 00:35	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 00:35	WG2155181
Benzene	ND		0.500	1	10/21/2023 00:35	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 00:35	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 00:35	WG2155181
Bromoform	ND		0.500	1	10/21/2023 00:35	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 00:35	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 00:35	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 00:35	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 00:35	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 00:35	WG2155181
Chloroform	ND		0.500	1	10/21/2023 00:35	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 00:35	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 00:35	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 00:35	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 00:35	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 00:35	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 00:35	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 00:35	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 00:35	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 00:35	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 00:35	WG2155181
cis-1,2-Dichloroethene	8.81		0.500	1	10/21/2023 00:35	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 00:35	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 00:35	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 00:35	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 00:35	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 00:35	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 00:35	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 00:35	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 00:35	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 00:35	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 00:35	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 00:35	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 00:35	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 00:35	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 00:35	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 00:35	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 00:35	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 00:35	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 00:35	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 00:35	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
Styrene	ND		0.500	1	10/21/2023 00:35	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 00:35	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 00:35	WG2155181



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 00:35	WG2155181
Tetrachloroethene	ND		0.500	1	10/21/2023 00:35	WG2155181
Toluene	ND		0.500	1	10/21/2023 00:35	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 00:35	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 00:35	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 00:35	WG2155181
Trichloroethene	ND		0.500	1	10/21/2023 00:35	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 00:35	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 00:35	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 00:35	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 00:35	WG2155181
Vinyl chloride	3.08		0.500	1	10/21/2023 00:35	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 00:35	WG2155181
(S) Toluene-d8	112		80.0-120		10/21/2023 00:35	WG2155181
(S) 4-Bromofluorobenzene	91.5		77.0-126		10/21/2023 00:35	WG2155181
(S) 1,2-Dichloroethane-d4	109		70.0-130		10/21/2023 00:35	WG2155181

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 00:57	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 00:57	WG2155181
Benzene	ND		0.500	1	10/21/2023 00:57	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 00:57	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 00:57	WG2155181
Bromoform	ND		0.500	1	10/21/2023 00:57	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 00:57	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 00:57	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 00:57	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 00:57	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 00:57	WG2155181
Chloroform	ND		0.500	1	10/21/2023 00:57	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 00:57	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 00:57	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 00:57	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 00:57	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 00:57	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 00:57	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 00:57	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 00:57	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 00:57	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 00:57	WG2155181
cis-1,2-Dichloroethene	5.02		0.500	1	10/21/2023 00:57	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 00:57	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 00:57	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 00:57	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 00:57	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 00:57	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 00:57	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 00:57	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 00:57	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 00:57	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 00:57	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 00:57	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 00:57	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 00:57	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 00:57	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 00:57	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 00:57	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 00:57	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 00:57	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 00:57	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
Styrene	ND		0.500	1	10/21/2023 00:57	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 00:57	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 00:57	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 00:57	WG2155181
Tetrachloroethene	45.5		0.500	1	10/21/2023 00:57	WG2155181
Toluene	ND		0.500	1	10/21/2023 00:57	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 00:57	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 00:57	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 00:57	WG2155181
Trichloroethene	6.87		0.500	1	10/21/2023 00:57	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 00:57	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 00:57	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 00:57	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 00:57	WG2155181
Vinyl chloride	0.676		0.500	1	10/21/2023 00:57	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 00:57	WG2155181
(S) Toluene-d8	109		80.0-120		10/21/2023 00:57	WG2155181
(S) 4-Bromofluorobenzene	90.9		77.0-126		10/21/2023 00:57	WG2155181
(S) 1,2-Dichloroethane-d4	107		70.0-130		10/21/2023 00:57	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

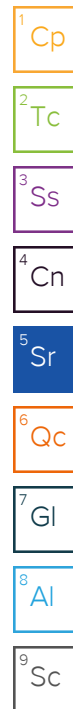
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 01:18	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 01:18	WG2155181
Benzene	ND		0.500	1	10/21/2023 01:18	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 01:18	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 01:18	WG2155181
Bromoform	ND		0.500	1	10/21/2023 01:18	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 01:18	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 01:18	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 01:18	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 01:18	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 01:18	WG2155181
Chloroform	ND		0.500	1	10/21/2023 01:18	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 01:18	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 01:18	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 01:18	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 01:18	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 01:18	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 01:18	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 01:18	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 01:18	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 01:18	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 01:18	WG2155181
cis-1,2-Dichloroethene	ND		0.500	1	10/21/2023 01:18	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 01:18	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 01:18	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 01:18	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 01:18	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 01:18	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 01:18	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 01:18	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 01:18	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 01:18	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 01:18	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 01:18	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 01:18	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 01:18	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 01:18	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 01:18	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 01:18	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 01:18	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 01:18	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 01:18	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
Styrene	ND		0.500	1	10/21/2023 01:18	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 01:18	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 01:18	WG2155181



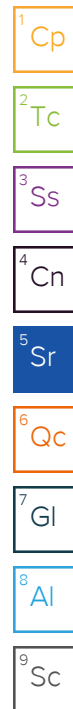
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 01:18	WG2155181
Tetrachloroethene	0.954		0.500	1	10/21/2023 01:18	WG2155181
Toluene	ND		0.500	1	10/21/2023 01:18	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 01:18	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 01:18	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 01:18	WG2155181
Trichloroethene	ND		0.500	1	10/21/2023 01:18	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 01:18	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 01:18	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 01:18	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 01:18	WG2155181
Vinyl chloride	ND		0.500	1	10/21/2023 01:18	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 01:18	WG2155181
(S) Toluene-d8	112		80.0-120		10/21/2023 01:18	WG2155181
(S) 4-Bromofluorobenzene	93.7		77.0-126		10/21/2023 01:18	WG2155181
(S) 1,2-Dichloroethane-d4	109		70.0-130		10/21/2023 01:18	WG2155181

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 01:40	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 01:40	WG2155181
Benzene	ND		0.500	1	10/21/2023 01:40	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 01:40	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 01:40	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 01:40	WG2155181
Bromoform	ND		0.500	1	10/21/2023 01:40	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 01:40	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 01:40	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 01:40	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 01:40	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 01:40	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 01:40	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 01:40	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 01:40	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 01:40	WG2155181
Chloroform	ND		0.500	1	10/21/2023 01:40	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 01:40	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 01:40	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 01:40	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 01:40	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 01:40	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 01:40	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 01:40	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 01:40	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 01:40	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 01:40	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 01:40	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 01:40	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 01:40	WG2155181
cis-1,2-Dichloroethene	14.0		0.500	1	10/21/2023 01:40	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 01:40	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 01:40	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 01:40	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 01:40	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 01:40	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 01:40	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 01:40	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 01:40	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 01:40	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 01:40	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 01:40	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 01:40	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 01:40	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 01:40	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 01:40	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 01:40	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 01:40	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 01:40	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 01:40	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 01:40	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 01:40	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 01:40	WG2155181
Styrene	ND		0.500	1	10/21/2023 01:40	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 01:40	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 01:40	WG2155181



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch	
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 01:40	WG2155181	¹ Cp
Tetrachloroethene	60.7		0.500	1	10/21/2023 01:40	WG2155181	² Tc
Toluene	ND		0.500	1	10/21/2023 01:40	WG2155181	³ Ss
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 01:40	WG2155181	
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 01:40	WG2155181	
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 01:40	WG2155181	⁴ Cn
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 01:40	WG2155181	
Trichloroethene	41.1		0.500	1	10/21/2023 01:40	WG2155181	⁵ Sr
Trichlorofluoromethane	ND		2.50	1	10/21/2023 01:40	WG2155181	
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 01:40	WG2155181	⁶ Qc
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 01:40	WG2155181	
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 01:40	WG2155181	⁷ Gl
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 01:40	WG2155181	
Vinyl acetate	ND	C3	5.00	1	10/21/2023 01:40	WG2155181	⁸ Al
Vinyl chloride	0.990		0.500	1	10/21/2023 01:40	WG2155181	
Xylenes, Total	ND		1.50	1	10/21/2023 01:40	WG2155181	⁹ Sc
(S) Toluene-d8	110		80.0-120		10/21/2023 01:40	WG2155181	
(S) 4-Bromofluorobenzene	90.8		77.0-126		10/21/2023 01:40	WG2155181	
(S) 1,2-Dichloroethane-d4	107		70.0-130		10/21/2023 01:40	WG2155181	

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 02:02	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 02:02	WG2155181
Benzene	ND		0.500	1	10/21/2023 02:02	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 02:02	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 02:02	WG2155181
Bromoform	ND		0.500	1	10/21/2023 02:02	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 02:02	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 02:02	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 02:02	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 02:02	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 02:02	WG2155181
Chloroform	ND		0.500	1	10/21/2023 02:02	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 02:02	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 02:02	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 02:02	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 02:02	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 02:02	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 02:02	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 02:02	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 02:02	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 02:02	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 02:02	WG2155181
cis-1,2-Dichloroethene	ND		0.500	1	10/21/2023 02:02	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 02:02	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 02:02	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 02:02	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 02:02	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 02:02	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 02:02	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 02:02	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 02:02	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 02:02	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 02:02	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 02:02	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 02:02	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 02:02	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 02:02	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 02:02	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 02:02	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 02:02	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 02:02	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 02:02	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
Styrene	ND		0.500	1	10/21/2023 02:02	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 02:02	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 02:02	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

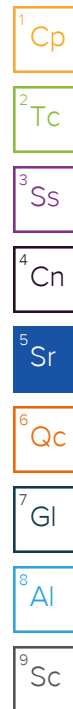
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 02:02	WG2155181
Tetrachloroethene	ND		0.500	1	10/21/2023 02:02	WG2155181
Toluene	ND		0.500	1	10/21/2023 02:02	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 02:02	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 02:02	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 02:02	WG2155181
Trichloroethene	ND		0.500	1	10/21/2023 02:02	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 02:02	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 02:02	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 02:02	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 02:02	WG2155181
Vinyl chloride	ND		0.500	1	10/21/2023 02:02	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 02:02	WG2155181
(S) Toluene-d8	111		80.0-120		10/21/2023 02:02	WG2155181
(S) 4-Bromofluorobenzene	95.8		77.0-126		10/21/2023 02:02	WG2155181
(S) 1,2-Dichloroethane-d4	111		70.0-130		10/21/2023 02:02	WG2155181

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 02:24	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 02:24	WG2155181
Benzene	ND		0.500	1	10/21/2023 02:24	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 02:24	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 02:24	WG2155181
Bromoform	ND		0.500	1	10/21/2023 02:24	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 02:24	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 02:24	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 02:24	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 02:24	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 02:24	WG2155181
Chloroform	ND		0.500	1	10/21/2023 02:24	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 02:24	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 02:24	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 02:24	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 02:24	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 02:24	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 02:24	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 02:24	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 02:24	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 02:24	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 02:24	WG2155181
cis-1,2-Dichloroethene	1.24		0.500	1	10/21/2023 02:24	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 02:24	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 02:24	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 02:24	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 02:24	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 02:24	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 02:24	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 02:24	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 02:24	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 02:24	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 02:24	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 02:24	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 02:24	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 02:24	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 02:24	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 02:24	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 02:24	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 02:24	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 02:24	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 02:24	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
Styrene	ND		0.500	1	10/21/2023 02:24	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 02:24	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 02:24	WG2155181



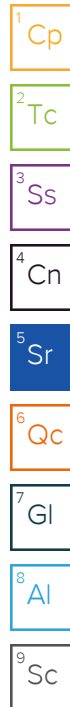
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 02:24	WG2155181
Tetrachloroethene	37.6		0.500	1	10/21/2023 02:24	WG2155181
Toluene	ND		0.500	1	10/21/2023 02:24	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 02:24	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 02:24	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 02:24	WG2155181
Trichloroethene	3.03		0.500	1	10/21/2023 02:24	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 02:24	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 02:24	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 02:24	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 02:24	WG2155181
Vinyl chloride	0.732		0.500	1	10/21/2023 02:24	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 02:24	WG2155181
(S) Toluene-d8	114		80.0-120		10/21/2023 02:24	WG2155181
(S) 4-Bromofluorobenzene	93.6		77.0-126		10/21/2023 02:24	WG2155181
(S) 1,2-Dichloroethane-d4	111		70.0-130		10/21/2023 02:24	WG2155181

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

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 02:46	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 02:46	WG2155181
Benzene	ND		0.500	1	10/21/2023 02:46	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 02:46	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 02:46	WG2155181
Bromoform	ND		0.500	1	10/21/2023 02:46	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 02:46	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 02:46	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 02:46	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 02:46	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 02:46	WG2155181
Chloroform	ND		0.500	1	10/21/2023 02:46	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 02:46	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 02:46	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 02:46	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 02:46	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 02:46	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 02:46	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 02:46	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 02:46	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 02:46	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 02:46	WG2155181
cis-1,2-Dichloroethene	5.91		0.500	1	10/21/2023 02:46	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 02:46	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 02:46	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 02:46	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 02:46	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 02:46	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 02:46	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 02:46	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 02:46	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 02:46	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 02:46	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 02:46	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 02:46	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 02:46	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 02:46	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 02:46	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 02:46	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 02:46	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 02:46	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 02:46	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
Styrene	ND		0.500	1	10/21/2023 02:46	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 02:46	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 02:46	WG2155181



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 02:46	WG2155181
Tetrachloroethene	48.4		0.500	1	10/21/2023 02:46	WG2155181
Toluene	ND		0.500	1	10/21/2023 02:46	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 02:46	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 02:46	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 02:46	WG2155181
Trichloroethene	12.8		0.500	1	10/21/2023 02:46	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 02:46	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 02:46	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 02:46	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 02:46	WG2155181
Vinyl chloride	1.63		0.500	1	10/21/2023 02:46	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 02:46	WG2155181
(S) Toluene-d8	112		80.0-120		10/21/2023 02:46	WG2155181
(S) 4-Bromofluorobenzene	89.4		77.0-126		10/21/2023 02:46	WG2155181
(S) 1,2-Dichloroethane-d4	106		70.0-130		10/21/2023 02:46	WG2155181

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 03:07	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 03:07	WG2155181
Benzene	ND		0.500	1	10/21/2023 03:07	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 03:07	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 03:07	WG2155181
Bromoform	ND		0.500	1	10/21/2023 03:07	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 03:07	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 03:07	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 03:07	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 03:07	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 03:07	WG2155181
Chloroform	ND		0.500	1	10/21/2023 03:07	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 03:07	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 03:07	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 03:07	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 03:07	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 03:07	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 03:07	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 03:07	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 03:07	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 03:07	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 03:07	WG2155181
cis-1,2-Dichloroethene	ND		0.500	1	10/21/2023 03:07	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 03:07	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 03:07	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 03:07	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 03:07	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 03:07	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 03:07	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 03:07	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 03:07	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 03:07	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 03:07	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 03:07	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 03:07	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 03:07	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 03:07	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 03:07	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 03:07	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 03:07	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 03:07	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 03:07	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
Styrene	ND		0.500	1	10/21/2023 03:07	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 03:07	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 03:07	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 03:07	WG2155181
Tetrachloroethene	21.9		0.500	1	10/21/2023 03:07	WG2155181
Toluene	ND		0.500	1	10/21/2023 03:07	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 03:07	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 03:07	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 03:07	WG2155181
Trichloroethene	0.784		0.500	1	10/21/2023 03:07	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 03:07	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 03:07	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 03:07	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 03:07	WG2155181
Vinyl chloride	ND		0.500	1	10/21/2023 03:07	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 03:07	WG2155181
(S) Toluene-d8	113		80.0-120		10/21/2023 03:07	WG2155181
(S) 4-Bromofluorobenzene	95.5		77.0-126		10/21/2023 03:07	WG2155181
(S) 1,2-Dichloroethane-d4	113		70.0-130		10/21/2023 03:07	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 03:29	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 03:29	WG2155181
Benzene	ND		0.500	1	10/21/2023 03:29	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 03:29	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 03:29	WG2155181
Bromoform	ND		0.500	1	10/21/2023 03:29	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 03:29	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 03:29	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 03:29	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 03:29	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 03:29	WG2155181
Chloroform	ND		0.500	1	10/21/2023 03:29	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 03:29	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 03:29	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 03:29	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 03:29	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 03:29	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 03:29	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 03:29	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 03:29	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 03:29	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 03:29	WG2155181
cis-1,2-Dichloroethene	ND		0.500	1	10/21/2023 03:29	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 03:29	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 03:29	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 03:29	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 03:29	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 03:29	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 03:29	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 03:29	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 03:29	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 03:29	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 03:29	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 03:29	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 03:29	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 03:29	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 03:29	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 03:29	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 03:29	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 03:29	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 03:29	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 03:29	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
Styrene	ND		0.500	1	10/21/2023 03:29	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 03:29	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 03:29	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 03:29	WG2155181
Tetrachloroethene	ND		0.500	1	10/21/2023 03:29	WG2155181
Toluene	ND		0.500	1	10/21/2023 03:29	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 03:29	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 03:29	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 03:29	WG2155181
Trichloroethene	ND		0.500	1	10/21/2023 03:29	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 03:29	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 03:29	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 03:29	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 03:29	WG2155181
Vinyl chloride	ND		0.500	1	10/21/2023 03:29	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 03:29	WG2155181
(S) Toluene-d8	114		80.0-120		10/21/2023 03:29	WG2155181
(S) 4-Bromofluorobenzene	95.8		77.0-126		10/21/2023 03:29	WG2155181
(S) 1,2-Dichloroethane-d4	107		70.0-130		10/21/2023 03:29	WG2155181

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		25.0	1	10/21/2023 03:51	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 03:51	WG2155181
Benzene	ND		0.500	1	10/21/2023 03:51	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 03:51	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 03:51	WG2155181
Bromoform	ND		0.500	1	10/21/2023 03:51	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 03:51	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 03:51	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 03:51	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 03:51	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 03:51	WG2155181
Chloroform	ND		0.500	1	10/21/2023 03:51	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 03:51	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 03:51	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 03:51	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 03:51	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 03:51	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 03:51	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 03:51	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 03:51	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 03:51	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 03:51	WG2155181
cis-1,2-Dichloroethene	ND		0.500	1	10/21/2023 03:51	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 03:51	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 03:51	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 03:51	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 03:51	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 03:51	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 03:51	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 03:51	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 03:51	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 03:51	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 03:51	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 03:51	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 03:51	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 03:51	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 03:51	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 03:51	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 03:51	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 03:51	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 03:51	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 03:51	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
Styrene	ND		0.500	1	10/21/2023 03:51	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 03:51	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 03:51	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

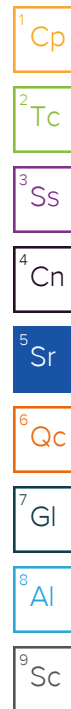
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 03:51	WG2155181
Tetrachloroethene	ND		0.500	1	10/21/2023 03:51	WG2155181
Toluene	ND		0.500	1	10/21/2023 03:51	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 03:51	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 03:51	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 03:51	WG2155181
Trichloroethene	ND		0.500	1	10/21/2023 03:51	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 03:51	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 03:51	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 03:51	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 03:51	WG2155181
Vinyl chloride	ND		0.500	1	10/21/2023 03:51	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 03:51	WG2155181
(S) Toluene-d8	111		80.0-120		10/21/2023 03:51	WG2155181
(S) 4-Bromofluorobenzene	95.0		77.0-126		10/21/2023 03:51	WG2155181
(S) 1,2-Dichloroethane-d4	112		70.0-130		10/21/2023 03:51	WG2155181



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 04:13	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 04:13	WG2155181
Benzene	ND		0.500	1	10/21/2023 04:13	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 04:13	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 04:13	WG2155181
Bromoform	ND		0.500	1	10/21/2023 04:13	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 04:13	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 04:13	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 04:13	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 04:13	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 04:13	WG2155181
Chloroform	ND		0.500	1	10/21/2023 04:13	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 04:13	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 04:13	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 04:13	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 04:13	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 04:13	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 04:13	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 04:13	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 04:13	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 04:13	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 04:13	WG2155181
cis-1,2-Dichloroethene	ND		0.500	1	10/21/2023 04:13	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 04:13	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 04:13	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 04:13	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 04:13	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 04:13	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 04:13	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 04:13	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 04:13	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 04:13	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 04:13	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 04:13	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 04:13	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 04:13	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 04:13	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 04:13	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 04:13	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 04:13	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 04:13	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 04:13	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
Styrene	ND		0.500	1	10/21/2023 04:13	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 04:13	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 04:13	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 04:13	WG2155181
Tetrachloroethene	1.58		0.500	1	10/21/2023 04:13	WG2155181
Toluene	ND		0.500	1	10/21/2023 04:13	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 04:13	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 04:13	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 04:13	WG2155181
Trichloroethene	ND		0.500	1	10/21/2023 04:13	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 04:13	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 04:13	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 04:13	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 04:13	WG2155181
Vinyl chloride	ND		0.500	1	10/21/2023 04:13	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 04:13	WG2155181
(S) Toluene-d8	114		80.0-120		10/21/2023 04:13	WG2155181
(S) 4-Bromofluorobenzene	92.1		77.0-126		10/21/2023 04:13	WG2155181
(S) 1,2-Dichloroethane-d4	108		70.0-130		10/21/2023 04:13	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 04:35	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 04:35	WG2155181
Benzene	ND		0.500	1	10/21/2023 04:35	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 04:35	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 04:35	WG2155181
Bromoform	ND		0.500	1	10/21/2023 04:35	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 04:35	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 04:35	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 04:35	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 04:35	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 04:35	WG2155181
Chloroform	ND		0.500	1	10/21/2023 04:35	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 04:35	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 04:35	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 04:35	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 04:35	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 04:35	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 04:35	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 04:35	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 04:35	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 04:35	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 04:35	WG2155181
cis-1,2-Dichloroethene	1.36		0.500	1	10/21/2023 04:35	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 04:35	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 04:35	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 04:35	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 04:35	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 04:35	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 04:35	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 04:35	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 04:35	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 04:35	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 04:35	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 04:35	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 04:35	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 04:35	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 04:35	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 04:35	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 04:35	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 04:35	WG2155181
Methyl tert-butyl ether	1.09		0.500	1	10/21/2023 04:35	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 04:35	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
Styrene	ND		0.500	1	10/21/2023 04:35	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 04:35	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 04:35	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

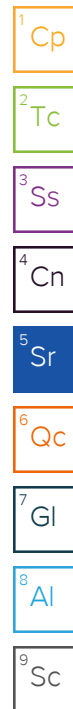
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 04:35	WG2155181
Tetrachloroethene	76.6		0.500	1	10/21/2023 04:35	WG2155181
Toluene	ND		0.500	1	10/21/2023 04:35	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 04:35	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 04:35	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 04:35	WG2155181
Trichloroethene	6.96		0.500	1	10/21/2023 04:35	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 04:35	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 04:35	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 04:35	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 04:35	WG2155181
Vinyl chloride	1.33		0.500	1	10/21/2023 04:35	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 04:35	WG2155181
(S) Toluene-d8	112		80.0-120		10/21/2023 04:35	WG2155181
(S) 4-Bromofluorobenzene	91.6		77.0-126		10/21/2023 04:35	WG2155181
(S) 1,2-Dichloroethane-d4	107		70.0-130		10/21/2023 04:35	WG2155181

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 04:56	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 04:56	WG2155181
Benzene	ND		0.500	1	10/21/2023 04:56	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 04:56	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 04:56	WG2155181
Bromoform	ND		0.500	1	10/21/2023 04:56	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 04:56	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 04:56	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 04:56	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 04:56	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 04:56	WG2155181
Chloroform	ND		0.500	1	10/21/2023 04:56	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 04:56	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 04:56	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 04:56	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 04:56	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 04:56	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 04:56	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 04:56	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 04:56	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 04:56	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 04:56	WG2155181
cis-1,2-Dichloroethene	5.42		0.500	1	10/21/2023 04:56	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 04:56	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 04:56	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 04:56	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 04:56	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 04:56	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 04:56	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 04:56	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 04:56	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 04:56	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 04:56	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 04:56	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 04:56	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 04:56	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 04:56	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 04:56	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 04:56	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 04:56	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 04:56	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 04:56	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
Styrene	ND		0.500	1	10/21/2023 04:56	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 04:56	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 04:56	WG2155181



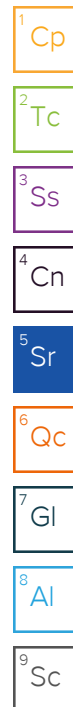
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 04:56	WG2155181
Tetrachloroethene	56.6		0.500	1	10/21/2023 04:56	WG2155181
Toluene	ND		0.500	1	10/21/2023 04:56	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 04:56	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 04:56	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 04:56	WG2155181
Trichloroethene	7.68		0.500	1	10/21/2023 04:56	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 04:56	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 04:56	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 04:56	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 04:56	WG2155181
Vinyl chloride	0.983		0.500	1	10/21/2023 04:56	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 04:56	WG2155181
(S) Toluene-d8	109		80.0-120		10/21/2023 04:56	WG2155181
(S) 4-Bromofluorobenzene	91.3		77.0-126		10/21/2023 04:56	WG2155181
(S) 1,2-Dichloroethane-d4	111		70.0-130		10/21/2023 04:56	WG2155181

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 05:18	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 05:18	WG2155181
Benzene	ND		0.500	1	10/21/2023 05:18	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 05:18	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 05:18	WG2155181
Bromoform	ND		0.500	1	10/21/2023 05:18	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 05:18	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 05:18	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 05:18	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 05:18	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 05:18	WG2155181
Chloroform	ND		0.500	1	10/21/2023 05:18	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 05:18	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 05:18	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 05:18	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 05:18	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 05:18	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 05:18	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 05:18	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 05:18	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 05:18	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 05:18	WG2155181
cis-1,2-Dichloroethene	4.22		0.500	1	10/21/2023 05:18	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 05:18	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 05:18	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 05:18	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 05:18	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 05:18	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 05:18	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 05:18	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 05:18	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 05:18	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 05:18	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 05:18	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 05:18	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 05:18	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 05:18	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 05:18	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 05:18	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 05:18	WG2155181
Methyl tert-butyl ether	4.04		0.500	1	10/21/2023 05:18	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 05:18	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
Styrene	ND		0.500	1	10/21/2023 05:18	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 05:18	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 05:18	WG2155181



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 05:18	WG2155181
Tetrachloroethene	44.6		0.500	1	10/21/2023 05:18	WG2155181
Toluene	ND		0.500	1	10/21/2023 05:18	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 05:18	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 05:18	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 05:18	WG2155181
Trichloroethene	6.39		0.500	1	10/21/2023 05:18	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 05:18	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 05:18	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 05:18	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 05:18	WG2155181
Vinyl chloride	1.10		0.500	1	10/21/2023 05:18	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 05:18	WG2155181
(S) Toluene-d8	111		80.0-120		10/21/2023 05:18	WG2155181
(S) 4-Bromofluorobenzene	93.0		77.0-126		10/21/2023 05:18	WG2155181
(S) 1,2-Dichloroethane-d4	111		70.0-130		10/21/2023 05:18	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

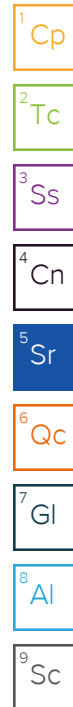
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 05:40	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 05:40	WG2155181
Benzene	ND		0.500	1	10/21/2023 05:40	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 05:40	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 05:40	WG2155181
Bromoform	ND		0.500	1	10/21/2023 05:40	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 05:40	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 05:40	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 05:40	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 05:40	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 05:40	WG2155181
Chloroform	ND		0.500	1	10/21/2023 05:40	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 05:40	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 05:40	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 05:40	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 05:40	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 05:40	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 05:40	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 05:40	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 05:40	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 05:40	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 05:40	WG2155181
cis-1,2-Dichloroethene	10.6		0.500	1	10/21/2023 05:40	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 05:40	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 05:40	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 05:40	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 05:40	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 05:40	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 05:40	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 05:40	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 05:40	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 05:40	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 05:40	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 05:40	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 05:40	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 05:40	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 05:40	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 05:40	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 05:40	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 05:40	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 05:40	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 05:40	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
Styrene	ND		0.500	1	10/21/2023 05:40	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 05:40	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 05:40	WG2155181



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 05:40	WG2155181
Tetrachloroethene	30.2		0.500	1	10/21/2023 05:40	WG2155181
Toluene	ND		0.500	1	10/21/2023 05:40	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 05:40	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 05:40	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 05:40	WG2155181
Trichloroethene	14.5		0.500	1	10/21/2023 05:40	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 05:40	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 05:40	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 05:40	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 05:40	WG2155181
Vinyl chloride	1.17		0.500	1	10/21/2023 05:40	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 05:40	WG2155181
(S) Toluene-d8	110		80.0-120		10/21/2023 05:40	WG2155181
(S) 4-Bromofluorobenzene	90.6		77.0-126		10/21/2023 05:40	WG2155181
(S) 1,2-Dichloroethane-d4	110		70.0-130		10/21/2023 05:40	WG2155181

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 06:02	WG2155181
Acrylonitrile	ND		5.00	1	10/21/2023 06:02	WG2155181
Benzene	ND		0.500	1	10/21/2023 06:02	WG2155181
Bromobenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
Bromodichloromethane	ND		0.500	1	10/21/2023 06:02	WG2155181
Bromochloromethane	ND		0.500	1	10/21/2023 06:02	WG2155181
Bromoform	ND		0.500	1	10/21/2023 06:02	WG2155181
Bromomethane	ND	C3	2.50	1	10/21/2023 06:02	WG2155181
n-Butylbenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
sec-Butylbenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
tert-Butylbenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
Carbon disulfide	ND		0.500	1	10/21/2023 06:02	WG2155181
Carbon tetrachloride	ND		0.500	1	10/21/2023 06:02	WG2155181
Chlorobenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
Chlorodibromomethane	ND		0.500	1	10/21/2023 06:02	WG2155181
Chloroethane	ND		2.50	1	10/21/2023 06:02	WG2155181
Chloroform	4.67		0.500	1	10/21/2023 06:02	WG2155181
Chloromethane	ND	J4	1.25	1	10/21/2023 06:02	WG2155181
2-Chlorotoluene	ND		0.500	1	10/21/2023 06:02	WG2155181
4-Chlorotoluene	ND		0.500	1	10/21/2023 06:02	WG2155181
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 06:02	WG2155181
1,2-Dibromoethane	ND		0.500	1	10/21/2023 06:02	WG2155181
Dibromomethane	ND		0.500	1	10/21/2023 06:02	WG2155181
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 06:02	WG2155181
1,1-Dichloroethane	ND		0.500	1	10/21/2023 06:02	WG2155181
1,2-Dichloroethane	ND		0.500	1	10/21/2023 06:02	WG2155181
1,1-Dichloroethene	ND		0.500	1	10/21/2023 06:02	WG2155181
cis-1,2-Dichloroethene	ND		0.500	1	10/21/2023 06:02	WG2155181
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 06:02	WG2155181
1,2-Dichloropropane	ND	J4	0.500	1	10/21/2023 06:02	WG2155181
1,1-Dichloropropene	ND		0.500	1	10/21/2023 06:02	WG2155181
1,3-Dichloropropane	ND		1.00	1	10/21/2023 06:02	WG2155181
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 06:02	WG2155181
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 06:02	WG2155181
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 06:02	WG2155181
2,2-Dichloropropane	ND	J3	0.500	1	10/21/2023 06:02	WG2155181
Di-isopropyl ether	ND		0.500	1	10/21/2023 06:02	WG2155181
Ethylbenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 06:02	WG2155181
2-Hexanone	ND	J4	5.00	1	10/21/2023 06:02	WG2155181
n-Hexane	ND		5.00	1	10/21/2023 06:02	WG2155181
Iodomethane	ND		5.00	1	10/21/2023 06:02	WG2155181
Isopropylbenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
p-Isopropyltoluene	ND		0.500	1	10/21/2023 06:02	WG2155181
2-Butanone (MEK)	ND		5.00	1	10/21/2023 06:02	WG2155181
Methylene Chloride	ND		2.50	1	10/21/2023 06:02	WG2155181
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 06:02	WG2155181
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 06:02	WG2155181
Naphthalene	ND		2.50	1	10/21/2023 06:02	WG2155181
n-Propylbenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
Styrene	ND		0.500	1	10/21/2023 06:02	WG2155181
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 06:02	WG2155181
1,1,2,2-Tetrachloroethane	ND	C3	0.500	1	10/21/2023 06:02	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 06:02	WG2155181
Tetrachloroethene	ND		0.500	1	10/21/2023 06:02	WG2155181
Toluene	ND		0.500	1	10/21/2023 06:02	WG2155181
1,2,3-Trichlorobenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 06:02	WG2155181
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 06:02	WG2155181
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 06:02	WG2155181
Trichloroethene	ND		0.500	1	10/21/2023 06:02	WG2155181
Trichlorofluoromethane	ND		2.50	1	10/21/2023 06:02	WG2155181
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 06:02	WG2155181
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 06:02	WG2155181
Vinyl acetate	ND	C3	5.00	1	10/21/2023 06:02	WG2155181
Vinyl chloride	ND		0.500	1	10/21/2023 06:02	WG2155181
Xylenes, Total	ND		1.50	1	10/21/2023 06:02	WG2155181
(S) Toluene-d8	113		80.0-120		10/21/2023 06:02	WG2155181
(S) 4-Bromofluorobenzene	93.1		77.0-126		10/21/2023 06:02	WG2155181
(S) 1,2-Dichloroethane-d4	115		70.0-130		10/21/2023 06:02	WG2155181

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

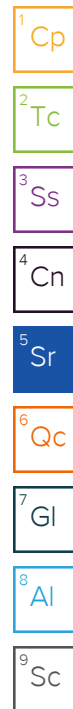
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/23/2023 14:25	WG2155590
Acrylonitrile	ND		5.00	1	10/23/2023 14:25	WG2155590
Benzene	ND		0.500	1	10/23/2023 14:25	WG2155590
Bromobenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
Bromodichloromethane	ND		0.500	1	10/23/2023 14:25	WG2155590
Bromochloromethane	ND		0.500	1	10/23/2023 14:25	WG2155590
Bromoform	ND		0.500	1	10/23/2023 14:25	WG2155590
Bromomethane	ND		2.50	1	10/23/2023 14:25	WG2155590
n-Butylbenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
sec-Butylbenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
tert-Butylbenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
Carbon disulfide	ND		0.500	1	10/23/2023 14:25	WG2155590
Carbon tetrachloride	ND		0.500	1	10/23/2023 14:25	WG2155590
Chlorobenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
Chlorodibromomethane	ND		0.500	1	10/23/2023 14:25	WG2155590
Chloroethane	ND		2.50	1	10/23/2023 14:25	WG2155590
Chloroform	ND		0.500	1	10/23/2023 14:25	WG2155590
Chloromethane	ND		1.25	1	10/23/2023 14:25	WG2155590
2-Chlorotoluene	ND		0.500	1	10/23/2023 14:25	WG2155590
4-Chlorotoluene	ND		0.500	1	10/23/2023 14:25	WG2155590
1,2-Dibromo-3-Chloropropane	ND	C3	2.50	1	10/23/2023 14:25	WG2155590
1,2-Dibromoethane	ND		0.500	1	10/23/2023 14:25	WG2155590
Dibromomethane	ND		0.500	1	10/23/2023 14:25	WG2155590
1,2-Dichlorobenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
1,3-Dichlorobenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
1,4-Dichlorobenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
Dichlorodifluoromethane	ND		2.50	1	10/23/2023 14:25	WG2155590
1,1-Dichloroethane	ND		0.500	1	10/23/2023 14:25	WG2155590
1,2-Dichloroethane	ND		0.500	1	10/23/2023 14:25	WG2155590
1,1-Dichloroethene	ND		0.500	1	10/23/2023 14:25	WG2155590
cis-1,2-Dichloroethene	1.48		0.500	1	10/23/2023 14:25	WG2155590
trans-1,2-Dichloroethene	ND		0.500	1	10/23/2023 14:25	WG2155590
1,2-Dichloropropane	ND		0.500	1	10/23/2023 14:25	WG2155590
1,1-Dichloropropene	ND		0.500	1	10/23/2023 14:25	WG2155590
1,3-Dichloropropane	ND		1.00	1	10/23/2023 14:25	WG2155590
cis-1,3-Dichloropropene	ND		0.500	1	10/23/2023 14:25	WG2155590
trans-1,3-Dichloropropene	ND		0.500	1	10/23/2023 14:25	WG2155590
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/23/2023 14:25	WG2155590
2,2-Dichloropropane	ND	C3	0.500	1	10/23/2023 14:25	WG2155590
Di-isopropyl ether	ND		0.500	1	10/23/2023 14:25	WG2155590
Ethylbenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
Hexachloro-1,3-butadiene	ND		1.00	1	10/23/2023 14:25	WG2155590
2-Hexanone	ND		5.00	1	10/23/2023 14:25	WG2155590
n-Hexane	ND		5.00	1	10/23/2023 14:25	WG2155590
Iodomethane	ND		5.00	1	10/23/2023 14:25	WG2155590
Isopropylbenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
p-Isopropyltoluene	ND		0.500	1	10/23/2023 14:25	WG2155590
2-Butanone (MEK)	ND		5.00	1	10/23/2023 14:25	WG2155590
Methylene Chloride	ND		2.50	1	10/23/2023 14:25	WG2155590
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/23/2023 14:25	WG2155590
Methyl tert-butyl ether	2.87		0.500	1	10/23/2023 14:25	WG2155590
Naphthalene	ND		2.50	1	10/23/2023 14:25	WG2155590
n-Propylbenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
Styrene	ND		0.500	1	10/23/2023 14:25	WG2155590
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/23/2023 14:25	WG2155590
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/23/2023 14:25	WG2155590



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/23/2023 14:25	WG2155590
Tetrachloroethene	42.9		0.500	1	10/23/2023 14:25	WG2155590
Toluene	ND		0.500	1	10/23/2023 14:25	WG2155590
1,2,3-Trichlorobenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
1,2,4-Trichlorobenzene	ND		1.00	1	10/23/2023 14:25	WG2155590
1,1,1-Trichloroethane	ND		0.500	1	10/23/2023 14:25	WG2155590
1,1,2-Trichloroethane	ND		0.500	1	10/23/2023 14:25	WG2155590
Trichloroethene	17.1		0.500	1	10/23/2023 14:25	WG2155590
Trichlorofluoromethane	ND		2.50	1	10/23/2023 14:25	WG2155590
1,2,3-Trichloropropane	ND		2.50	1	10/23/2023 14:25	WG2155590
1,2,4-Trimethylbenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
1,2,3-Trimethylbenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
1,3,5-Trimethylbenzene	ND		0.500	1	10/23/2023 14:25	WG2155590
Vinyl acetate	ND	C3	5.00	1	10/23/2023 14:25	WG2155590
Vinyl chloride	ND		0.500	1	10/23/2023 14:25	WG2155590
Xylenes, Total	ND		1.50	1	10/23/2023 14:25	WG2155590
(S) Toluene-d8	105		80.0-120		10/23/2023 14:25	WG2155590
(S) 4-Bromofluorobenzene	93.8		77.0-126		10/23/2023 14:25	WG2155590
(S) 1,2-Dichloroethane-d4	103		70.0-130		10/23/2023 14:25	WG2155590

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/23/2023 14:47	WG2155590
Acrylonitrile	ND		5.00	1	10/23/2023 14:47	WG2155590
Benzene	ND		0.500	1	10/23/2023 14:47	WG2155590
Bromobenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
Bromodichloromethane	ND		0.500	1	10/23/2023 14:47	WG2155590
Bromochloromethane	ND		0.500	1	10/23/2023 14:47	WG2155590
Bromoform	ND		0.500	1	10/23/2023 14:47	WG2155590
Bromomethane	ND		2.50	1	10/23/2023 14:47	WG2155590
n-Butylbenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
sec-Butylbenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
tert-Butylbenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
Carbon disulfide	ND		0.500	1	10/23/2023 14:47	WG2155590
Carbon tetrachloride	ND		0.500	1	10/23/2023 14:47	WG2155590
Chlorobenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
Chlorodibromomethane	ND		0.500	1	10/23/2023 14:47	WG2155590
Chloroethane	ND		2.50	1	10/23/2023 14:47	WG2155590
Chloroform	ND		0.500	1	10/23/2023 14:47	WG2155590
Chloromethane	ND		1.25	1	10/23/2023 14:47	WG2155590
2-Chlorotoluene	ND		0.500	1	10/23/2023 14:47	WG2155590
4-Chlorotoluene	ND		0.500	1	10/23/2023 14:47	WG2155590
1,2-Dibromo-3-Chloropropane	ND	C3	2.50	1	10/23/2023 14:47	WG2155590
1,2-Dibromoethane	ND		0.500	1	10/23/2023 14:47	WG2155590
Dibromomethane	ND		0.500	1	10/23/2023 14:47	WG2155590
1,2-Dichlorobenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
1,3-Dichlorobenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
1,4-Dichlorobenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
Dichlorodifluoromethane	ND		2.50	1	10/23/2023 14:47	WG2155590
1,1-Dichloroethane	ND		0.500	1	10/23/2023 14:47	WG2155590
1,2-Dichloroethane	ND		0.500	1	10/23/2023 14:47	WG2155590
1,1-Dichloroethene	ND		0.500	1	10/23/2023 14:47	WG2155590
cis-1,2-Dichloroethene	5.56		0.500	1	10/23/2023 14:47	WG2155590
trans-1,2-Dichloroethene	ND		0.500	1	10/23/2023 14:47	WG2155590
1,2-Dichloropropane	ND		0.500	1	10/23/2023 14:47	WG2155590
1,1-Dichloropropene	ND		0.500	1	10/23/2023 14:47	WG2155590
1,3-Dichloropropane	ND		1.00	1	10/23/2023 14:47	WG2155590
cis-1,3-Dichloropropene	ND		0.500	1	10/23/2023 14:47	WG2155590
trans-1,3-Dichloropropene	ND		0.500	1	10/23/2023 14:47	WG2155590
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/23/2023 14:47	WG2155590
2,2-Dichloropropane	ND	C3	0.500	1	10/23/2023 14:47	WG2155590
Di-isopropyl ether	ND		0.500	1	10/23/2023 14:47	WG2155590
Ethylbenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
Hexachloro-1,3-butadiene	ND		1.00	1	10/23/2023 14:47	WG2155590
2-Hexanone	ND		5.00	1	10/23/2023 14:47	WG2155590
n-Hexane	ND		5.00	1	10/23/2023 14:47	WG2155590
Iodomethane	ND		5.00	1	10/23/2023 14:47	WG2155590
Isopropylbenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
p-Isopropyltoluene	ND		0.500	1	10/23/2023 14:47	WG2155590
2-Butanone (MEK)	ND		5.00	1	10/23/2023 14:47	WG2155590
Methylene Chloride	ND		2.50	1	10/23/2023 14:47	WG2155590
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/23/2023 14:47	WG2155590
Methyl tert-butyl ether	ND		0.500	1	10/23/2023 14:47	WG2155590
Naphthalene	ND		2.50	1	10/23/2023 14:47	WG2155590
n-Propylbenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
Styrene	ND		0.500	1	10/23/2023 14:47	WG2155590
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/23/2023 14:47	WG2155590
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/23/2023 14:47	WG2155590

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/23/2023 14:47	WG2155590
Tetrachloroethene	28.4		0.500	1	10/23/2023 14:47	WG2155590
Toluene	ND		0.500	1	10/23/2023 14:47	WG2155590
1,2,3-Trichlorobenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
1,2,4-Trichlorobenzene	ND		1.00	1	10/23/2023 14:47	WG2155590
1,1,1-Trichloroethane	ND		0.500	1	10/23/2023 14:47	WG2155590
1,1,2-Trichloroethane	ND		0.500	1	10/23/2023 14:47	WG2155590
Trichloroethene	6.42		0.500	1	10/23/2023 14:47	WG2155590
Trichlorofluoromethane	ND		2.50	1	10/23/2023 14:47	WG2155590
1,2,3-Trichloropropane	ND		2.50	1	10/23/2023 14:47	WG2155590
1,2,4-Trimethylbenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
1,2,3-Trimethylbenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
1,3,5-Trimethylbenzene	ND		0.500	1	10/23/2023 14:47	WG2155590
Vinyl acetate	ND	C3	5.00	1	10/23/2023 14:47	WG2155590
Vinyl chloride	0.715		0.500	1	10/23/2023 14:47	WG2155590
Xylenes, Total	ND		1.50	1	10/23/2023 14:47	WG2155590
(S) Toluene-d8	104		80.0-120		10/23/2023 14:47	WG2155590
(S) 4-Bromofluorobenzene	92.0		77.0-126		10/23/2023 14:47	WG2155590
(S) 1,2-Dichloroethane-d4	105		70.0-130		10/23/2023 14:47	WG2155590

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/23/2023 15:09	WG2155590
Acrylonitrile	ND		5.00	1	10/23/2023 15:09	WG2155590
Benzene	ND		0.500	1	10/23/2023 15:09	WG2155590
Bromobenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
Bromodichloromethane	ND		0.500	1	10/23/2023 15:09	WG2155590
Bromochloromethane	ND		0.500	1	10/23/2023 15:09	WG2155590
Bromoform	ND		0.500	1	10/23/2023 15:09	WG2155590
Bromomethane	ND		2.50	1	10/23/2023 15:09	WG2155590
n-Butylbenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
sec-Butylbenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
tert-Butylbenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
Carbon disulfide	ND		0.500	1	10/23/2023 15:09	WG2155590
Carbon tetrachloride	ND		0.500	1	10/23/2023 15:09	WG2155590
Chlorobenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
Chlorodibromomethane	ND		0.500	1	10/23/2023 15:09	WG2155590
Chloroethane	ND		2.50	1	10/23/2023 15:09	WG2155590
Chloroform	ND		0.500	1	10/23/2023 15:09	WG2155590
Chloromethane	ND		1.25	1	10/23/2023 15:09	WG2155590
2-Chlorotoluene	ND		0.500	1	10/23/2023 15:09	WG2155590
4-Chlorotoluene	ND		0.500	1	10/23/2023 15:09	WG2155590
1,2-Dibromo-3-Chloropropane	ND	C3	2.50	1	10/23/2023 15:09	WG2155590
1,2-Dibromoethane	ND		0.500	1	10/23/2023 15:09	WG2155590
Dibromomethane	ND		0.500	1	10/23/2023 15:09	WG2155590
1,2-Dichlorobenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
1,3-Dichlorobenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
1,4-Dichlorobenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
Dichlorodifluoromethane	ND		2.50	1	10/23/2023 15:09	WG2155590
1,1-Dichloroethane	ND		0.500	1	10/23/2023 15:09	WG2155590
1,2-Dichloroethane	ND		0.500	1	10/23/2023 15:09	WG2155590
1,1-Dichloroethene	ND		0.500	1	10/23/2023 15:09	WG2155590
cis-1,2-Dichloroethene	15.8		0.500	1	10/23/2023 15:09	WG2155590
trans-1,2-Dichloroethene	ND		0.500	1	10/23/2023 15:09	WG2155590
1,2-Dichloropropane	ND		0.500	1	10/23/2023 15:09	WG2155590
1,1-Dichloropropene	ND		0.500	1	10/23/2023 15:09	WG2155590
1,3-Dichloropropane	ND		1.00	1	10/23/2023 15:09	WG2155590
cis-1,3-Dichloropropene	ND		0.500	1	10/23/2023 15:09	WG2155590
trans-1,3-Dichloropropene	ND		0.500	1	10/23/2023 15:09	WG2155590
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/23/2023 15:09	WG2155590
2,2-Dichloropropane	ND	C3	0.500	1	10/23/2023 15:09	WG2155590
Di-isopropyl ether	ND		0.500	1	10/23/2023 15:09	WG2155590
Ethylbenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
Hexachloro-1,3-butadiene	ND		1.00	1	10/23/2023 15:09	WG2155590
2-Hexanone	ND		5.00	1	10/23/2023 15:09	WG2155590
n-Hexane	ND		5.00	1	10/23/2023 15:09	WG2155590
Iodomethane	ND		5.00	1	10/23/2023 15:09	WG2155590
Isopropylbenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
p-Isopropyltoluene	ND		0.500	1	10/23/2023 15:09	WG2155590
2-Butanone (MEK)	ND		5.00	1	10/23/2023 15:09	WG2155590
Methylene Chloride	ND		2.50	1	10/23/2023 15:09	WG2155590
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/23/2023 15:09	WG2155590
Methyl tert-butyl ether	0.691		0.500	1	10/23/2023 15:09	WG2155590
Naphthalene	ND		2.50	1	10/23/2023 15:09	WG2155590
n-Propylbenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
Styrene	ND		0.500	1	10/23/2023 15:09	WG2155590
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/23/2023 15:09	WG2155590
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/23/2023 15:09	WG2155590

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/23/2023 15:09	WG2155590
Tetrachloroethene	28.3		0.500	1	10/23/2023 15:09	WG2155590
Toluene	ND		0.500	1	10/23/2023 15:09	WG2155590
1,2,3-Trichlorobenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
1,2,4-Trichlorobenzene	ND		1.00	1	10/23/2023 15:09	WG2155590
1,1,1-Trichloroethane	ND		0.500	1	10/23/2023 15:09	WG2155590
1,1,2-Trichloroethane	ND		0.500	1	10/23/2023 15:09	WG2155590
Trichloroethene	19.0		0.500	1	10/23/2023 15:09	WG2155590
Trichlorofluoromethane	ND		2.50	1	10/23/2023 15:09	WG2155590
1,2,3-Trichloropropane	ND		2.50	1	10/23/2023 15:09	WG2155590
1,2,4-Trimethylbenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
1,2,3-Trimethylbenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
1,3,5-Trimethylbenzene	ND		0.500	1	10/23/2023 15:09	WG2155590
Vinyl acetate	ND	C3	5.00	1	10/23/2023 15:09	WG2155590
Vinyl chloride	2.92		0.500	1	10/23/2023 15:09	WG2155590
Xylenes, Total	ND		1.50	1	10/23/2023 15:09	WG2155590
(S) Toluene-d8	104		80.0-120		10/23/2023 15:09	WG2155590
(S) 4-Bromofluorobenzene	95.1		77.0-126		10/23/2023 15:09	WG2155590
(S) 1,2-Dichloroethane-d4	106		70.0-130		10/23/2023 15:09	WG2155590

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/23/2023 15:31	WG2155590
Acrylonitrile	ND		5.00	1	10/23/2023 15:31	WG2155590
Benzene	ND		0.500	1	10/23/2023 15:31	WG2155590
Bromobenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
Bromodichloromethane	ND		0.500	1	10/23/2023 15:31	WG2155590
Bromochloromethane	ND		0.500	1	10/23/2023 15:31	WG2155590
Bromoform	ND		0.500	1	10/23/2023 15:31	WG2155590
Bromomethane	ND		2.50	1	10/23/2023 15:31	WG2155590
n-Butylbenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
sec-Butylbenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
tert-Butylbenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
Carbon disulfide	ND		0.500	1	10/23/2023 15:31	WG2155590
Carbon tetrachloride	ND		0.500	1	10/23/2023 15:31	WG2155590
Chlorobenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
Chlorodibromomethane	ND		0.500	1	10/23/2023 15:31	WG2155590
Chloroethane	ND		2.50	1	10/23/2023 15:31	WG2155590
Chloroform	ND		0.500	1	10/23/2023 15:31	WG2155590
Chloromethane	ND		1.25	1	10/23/2023 15:31	WG2155590
2-Chlorotoluene	ND		0.500	1	10/23/2023 15:31	WG2155590
4-Chlorotoluene	ND		0.500	1	10/23/2023 15:31	WG2155590
1,2-Dibromo-3-Chloropropane	ND	C3	2.50	1	10/23/2023 15:31	WG2155590
1,2-Dibromoethane	ND		0.500	1	10/23/2023 15:31	WG2155590
Dibromomethane	ND		0.500	1	10/23/2023 15:31	WG2155590
1,2-Dichlorobenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
1,3-Dichlorobenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
1,4-Dichlorobenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
Dichlorodifluoromethane	ND		2.50	1	10/23/2023 15:31	WG2155590
1,1-Dichloroethane	ND		0.500	1	10/23/2023 15:31	WG2155590
1,2-Dichloroethane	ND		0.500	1	10/23/2023 15:31	WG2155590
1,1-Dichloroethene	ND		0.500	1	10/23/2023 15:31	WG2155590
cis-1,2-Dichloroethene	3.88		0.500	1	10/23/2023 15:31	WG2155590
trans-1,2-Dichloroethene	ND		0.500	1	10/23/2023 15:31	WG2155590
1,2-Dichloropropane	ND		0.500	1	10/23/2023 15:31	WG2155590
1,1-Dichloropropene	ND		0.500	1	10/23/2023 15:31	WG2155590
1,3-Dichloropropane	ND		1.00	1	10/23/2023 15:31	WG2155590
cis-1,3-Dichloropropene	ND		0.500	1	10/23/2023 15:31	WG2155590
trans-1,3-Dichloropropene	ND		0.500	1	10/23/2023 15:31	WG2155590
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/23/2023 15:31	WG2155590
2,2-Dichloropropane	ND	C3	0.500	1	10/23/2023 15:31	WG2155590
Di-isopropyl ether	ND		0.500	1	10/23/2023 15:31	WG2155590
Ethylbenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
Hexachloro-1,3-butadiene	ND		1.00	1	10/23/2023 15:31	WG2155590
2-Hexanone	ND		5.00	1	10/23/2023 15:31	WG2155590
n-Hexane	ND		5.00	1	10/23/2023 15:31	WG2155590
Iodomethane	ND		5.00	1	10/23/2023 15:31	WG2155590
Isopropylbenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
p-Isopropyltoluene	ND		0.500	1	10/23/2023 15:31	WG2155590
2-Butanone (MEK)	ND		5.00	1	10/23/2023 15:31	WG2155590
Methylene Chloride	ND		2.50	1	10/23/2023 15:31	WG2155590
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/23/2023 15:31	WG2155590
Methyl tert-butyl ether	ND		0.500	1	10/23/2023 15:31	WG2155590
Naphthalene	ND		2.50	1	10/23/2023 15:31	WG2155590
n-Propylbenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
Styrene	ND		0.500	1	10/23/2023 15:31	WG2155590
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/23/2023 15:31	WG2155590
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/23/2023 15:31	WG2155590

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/23/2023 15:31	WG2155590
Tetrachloroethene	36.5		0.500	1	10/23/2023 15:31	WG2155590
Toluene	ND		0.500	1	10/23/2023 15:31	WG2155590
1,2,3-Trichlorobenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
1,2,4-Trichlorobenzene	ND		1.00	1	10/23/2023 15:31	WG2155590
1,1,1-Trichloroethane	ND		0.500	1	10/23/2023 15:31	WG2155590
1,1,2-Trichloroethane	ND		0.500	1	10/23/2023 15:31	WG2155590
Trichloroethene	10.4		0.500	1	10/23/2023 15:31	WG2155590
Trichlorofluoromethane	ND		2.50	1	10/23/2023 15:31	WG2155590
1,2,3-Trichloropropane	ND		2.50	1	10/23/2023 15:31	WG2155590
1,2,4-Trimethylbenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
1,2,3-Trimethylbenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
1,3,5-Trimethylbenzene	ND		0.500	1	10/23/2023 15:31	WG2155590
Vinyl acetate	ND	C3	5.00	1	10/23/2023 15:31	WG2155590
Vinyl chloride	0.579		0.500	1	10/23/2023 15:31	WG2155590
Xylenes, Total	ND		1.50	1	10/23/2023 15:31	WG2155590
(S) Toluene-d8	103		80.0-120		10/23/2023 15:31	WG2155590
(S) 4-Bromofluorobenzene	91.9		77.0-126		10/23/2023 15:31	WG2155590
(S) 1,2-Dichloroethane-d4	104		70.0-130		10/23/2023 15:31	WG2155590

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/23/2023 15:52	WG2155590
Acrylonitrile	ND		5.00	1	10/23/2023 15:52	WG2155590
Benzene	ND		0.500	1	10/23/2023 15:52	WG2155590
Bromobenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
Bromodichloromethane	ND		0.500	1	10/23/2023 15:52	WG2155590
Bromochloromethane	ND		0.500	1	10/23/2023 15:52	WG2155590
Bromoform	ND		0.500	1	10/23/2023 15:52	WG2155590
Bromomethane	ND		2.50	1	10/23/2023 15:52	WG2155590
n-Butylbenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
sec-Butylbenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
tert-Butylbenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
Carbon disulfide	ND		0.500	1	10/23/2023 15:52	WG2155590
Carbon tetrachloride	ND		0.500	1	10/23/2023 15:52	WG2155590
Chlorobenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
Chlorodibromomethane	ND		0.500	1	10/23/2023 15:52	WG2155590
Chloroethane	ND		2.50	1	10/23/2023 15:52	WG2155590
Chloroform	ND		0.500	1	10/23/2023 15:52	WG2155590
Chloromethane	ND		1.25	1	10/23/2023 15:52	WG2155590
2-Chlorotoluene	ND		0.500	1	10/23/2023 15:52	WG2155590
4-Chlorotoluene	ND		0.500	1	10/23/2023 15:52	WG2155590
1,2-Dibromo-3-Chloropropane	ND	C3	2.50	1	10/23/2023 15:52	WG2155590
1,2-Dibromoethane	ND		0.500	1	10/23/2023 15:52	WG2155590
Dibromomethane	ND		0.500	1	10/23/2023 15:52	WG2155590
1,2-Dichlorobenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
1,3-Dichlorobenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
1,4-Dichlorobenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
Dichlorodifluoromethane	ND		2.50	1	10/23/2023 15:52	WG2155590
1,1-Dichloroethane	ND		0.500	1	10/23/2023 15:52	WG2155590
1,2-Dichloroethane	ND		0.500	1	10/23/2023 15:52	WG2155590
1,1-Dichloroethene	ND		0.500	1	10/23/2023 15:52	WG2155590
cis-1,2-Dichloroethene	15.6		0.500	1	10/23/2023 15:52	WG2155590
trans-1,2-Dichloroethene	ND		0.500	1	10/23/2023 15:52	WG2155590
1,2-Dichloropropane	ND		0.500	1	10/23/2023 15:52	WG2155590
1,1-Dichloropropene	ND		0.500	1	10/23/2023 15:52	WG2155590
1,3-Dichloropropane	ND		1.00	1	10/23/2023 15:52	WG2155590
cis-1,3-Dichloropropene	ND		0.500	1	10/23/2023 15:52	WG2155590
trans-1,3-Dichloropropene	ND		0.500	1	10/23/2023 15:52	WG2155590
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/23/2023 15:52	WG2155590
2,2-Dichloropropane	ND	C3	0.500	1	10/23/2023 15:52	WG2155590
Di-isopropyl ether	ND		0.500	1	10/23/2023 15:52	WG2155590
Ethylbenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
Hexachloro-1,3-butadiene	ND		1.00	1	10/23/2023 15:52	WG2155590
2-Hexanone	ND		5.00	1	10/23/2023 15:52	WG2155590
n-Hexane	ND		5.00	1	10/23/2023 15:52	WG2155590
Iodomethane	ND		5.00	1	10/23/2023 15:52	WG2155590
Isopropylbenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
p-Isopropyltoluene	ND		0.500	1	10/23/2023 15:52	WG2155590
2-Butanone (MEK)	ND		5.00	1	10/23/2023 15:52	WG2155590
Methylene Chloride	ND		2.50	1	10/23/2023 15:52	WG2155590
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/23/2023 15:52	WG2155590
Methyl tert-butyl ether	0.708		0.500	1	10/23/2023 15:52	WG2155590
Naphthalene	ND		2.50	1	10/23/2023 15:52	WG2155590
n-Propylbenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
Styrene	ND		0.500	1	10/23/2023 15:52	WG2155590
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/23/2023 15:52	WG2155590
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/23/2023 15:52	WG2155590

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/23/2023 15:52	WG2155590
Tetrachloroethene	26.2		0.500	1	10/23/2023 15:52	WG2155590
Toluene	ND		0.500	1	10/23/2023 15:52	WG2155590
1,2,3-Trichlorobenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
1,2,4-Trichlorobenzene	ND		1.00	1	10/23/2023 15:52	WG2155590
1,1,1-Trichloroethane	ND		0.500	1	10/23/2023 15:52	WG2155590
1,1,2-Trichloroethane	ND		0.500	1	10/23/2023 15:52	WG2155590
Trichloroethene	18.0		0.500	1	10/23/2023 15:52	WG2155590
Trichlorofluoromethane	ND		2.50	1	10/23/2023 15:52	WG2155590
1,2,3-Trichloropropane	ND		2.50	1	10/23/2023 15:52	WG2155590
1,2,4-Trimethylbenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
1,2,3-Trimethylbenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
1,3,5-Trimethylbenzene	ND		0.500	1	10/23/2023 15:52	WG2155590
Vinyl acetate	ND	C3	5.00	1	10/23/2023 15:52	WG2155590
Vinyl chloride	2.87		0.500	1	10/23/2023 15:52	WG2155590
Xylenes, Total	ND		1.50	1	10/23/2023 15:52	WG2155590
(S) Toluene-d8	102		80.0-120		10/23/2023 15:52	WG2155590
(S) 4-Bromofluorobenzene	94.1		77.0-126		10/23/2023 15:52	WG2155590
(S) 1,2-Dichloroethane-d4	104		70.0-130		10/23/2023 15:52	WG2155590

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

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/23/2023 16:14	WG2155590
Acrylonitrile	ND		5.00	1	10/23/2023 16:14	WG2155590
Benzene	ND		0.500	1	10/23/2023 16:14	WG2155590
Bromobenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
Bromodichloromethane	ND		0.500	1	10/23/2023 16:14	WG2155590
Bromochloromethane	ND		0.500	1	10/23/2023 16:14	WG2155590
Bromoform	ND		0.500	1	10/23/2023 16:14	WG2155590
Bromomethane	ND		2.50	1	10/23/2023 16:14	WG2155590
n-Butylbenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
sec-Butylbenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
tert-Butylbenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
Carbon disulfide	ND		0.500	1	10/23/2023 16:14	WG2155590
Carbon tetrachloride	ND		0.500	1	10/23/2023 16:14	WG2155590
Chlorobenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
Chlorodibromomethane	ND		0.500	1	10/23/2023 16:14	WG2155590
Chloroethane	ND		2.50	1	10/23/2023 16:14	WG2155590
Chloroform	ND		0.500	1	10/23/2023 16:14	WG2155590
Chloromethane	ND		1.25	1	10/23/2023 16:14	WG2155590
2-Chlorotoluene	ND		0.500	1	10/23/2023 16:14	WG2155590
4-Chlorotoluene	ND		0.500	1	10/23/2023 16:14	WG2155590
1,2-Dibromo-3-Chloropropane	ND	C3	2.50	1	10/23/2023 16:14	WG2155590
1,2-Dibromoethane	ND		0.500	1	10/23/2023 16:14	WG2155590
Dibromomethane	ND		0.500	1	10/23/2023 16:14	WG2155590
1,2-Dichlorobenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
1,3-Dichlorobenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
1,4-Dichlorobenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
Dichlorodifluoromethane	ND		2.50	1	10/23/2023 16:14	WG2155590
1,1-Dichloroethane	ND		0.500	1	10/23/2023 16:14	WG2155590
1,2-Dichloroethane	ND		0.500	1	10/23/2023 16:14	WG2155590
1,1-Dichloroethene	ND		0.500	1	10/23/2023 16:14	WG2155590
cis-1,2-Dichloroethene	ND		0.500	1	10/23/2023 16:14	WG2155590
trans-1,2-Dichloroethene	ND		0.500	1	10/23/2023 16:14	WG2155590
1,2-Dichloropropane	ND		0.500	1	10/23/2023 16:14	WG2155590
1,1-Dichloropropene	ND		0.500	1	10/23/2023 16:14	WG2155590
1,3-Dichloropropane	ND		1.00	1	10/23/2023 16:14	WG2155590
cis-1,3-Dichloropropene	ND		0.500	1	10/23/2023 16:14	WG2155590
trans-1,3-Dichloropropene	ND		0.500	1	10/23/2023 16:14	WG2155590
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/23/2023 16:14	WG2155590
2,2-Dichloropropane	ND	C3	0.500	1	10/23/2023 16:14	WG2155590
Di-isopropyl ether	ND		0.500	1	10/23/2023 16:14	WG2155590
Ethylbenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
Hexachloro-1,3-butadiene	ND		1.00	1	10/23/2023 16:14	WG2155590
2-Hexanone	ND		5.00	1	10/23/2023 16:14	WG2155590
n-Hexane	ND		5.00	1	10/23/2023 16:14	WG2155590
Iodomethane	ND		5.00	1	10/23/2023 16:14	WG2155590
Isopropylbenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
p-Isopropyltoluene	ND		0.500	1	10/23/2023 16:14	WG2155590
2-Butanone (MEK)	ND		5.00	1	10/23/2023 16:14	WG2155590
Methylene Chloride	ND		2.50	1	10/23/2023 16:14	WG2155590
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/23/2023 16:14	WG2155590
Methyl tert-butyl ether	ND		0.500	1	10/23/2023 16:14	WG2155590
Naphthalene	ND		2.50	1	10/23/2023 16:14	WG2155590
n-Propylbenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
Styrene	ND		0.500	1	10/23/2023 16:14	WG2155590
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/23/2023 16:14	WG2155590
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/23/2023 16:14	WG2155590

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

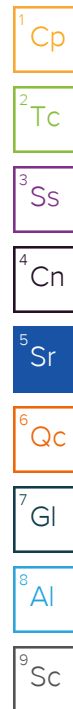
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/23/2023 16:14	WG2155590
Tetrachloroethene	0.528		0.500	1	10/23/2023 16:14	WG2155590
Toluene	ND		0.500	1	10/23/2023 16:14	WG2155590
1,2,3-Trichlorobenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
1,2,4-Trichlorobenzene	ND		1.00	1	10/23/2023 16:14	WG2155590
1,1,1-Trichloroethane	ND		0.500	1	10/23/2023 16:14	WG2155590
1,1,2-Trichloroethane	ND		0.500	1	10/23/2023 16:14	WG2155590
Trichloroethene	0.863		0.500	1	10/23/2023 16:14	WG2155590
Trichlorofluoromethane	ND		2.50	1	10/23/2023 16:14	WG2155590
1,2,3-Trichloropropane	ND		2.50	1	10/23/2023 16:14	WG2155590
1,2,4-Trimethylbenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
1,2,3-Trimethylbenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
1,3,5-Trimethylbenzene	ND		0.500	1	10/23/2023 16:14	WG2155590
Vinyl acetate	ND	C3	5.00	1	10/23/2023 16:14	WG2155590
Vinyl chloride	ND		0.500	1	10/23/2023 16:14	WG2155590
Xylenes, Total	ND		1.50	1	10/23/2023 16:14	WG2155590
(S) Toluene-d8	104		80.0-120		10/23/2023 16:14	WG2155590
(S) 4-Bromofluorobenzene	95.0		77.0-126		10/23/2023 16:14	WG2155590
(S) 1,2-Dichloroethane-d4	107		70.0-130		10/23/2023 16:14	WG2155590

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/23/2023 16:36	WG2155590
Acrylonitrile	ND		5.00	1	10/23/2023 16:36	WG2155590
Benzene	ND		0.500	1	10/23/2023 16:36	WG2155590
Bromobenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
Bromodichloromethane	ND		0.500	1	10/23/2023 16:36	WG2155590
Bromochloromethane	ND		0.500	1	10/23/2023 16:36	WG2155590
Bromoform	ND		0.500	1	10/23/2023 16:36	WG2155590
Bromomethane	ND		2.50	1	10/23/2023 16:36	WG2155590
n-Butylbenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
sec-Butylbenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
tert-Butylbenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
Carbon disulfide	ND		0.500	1	10/23/2023 16:36	WG2155590
Carbon tetrachloride	ND		0.500	1	10/23/2023 16:36	WG2155590
Chlorobenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
Chlorodibromomethane	ND		0.500	1	10/23/2023 16:36	WG2155590
Chloroethane	ND		2.50	1	10/23/2023 16:36	WG2155590
Chloroform	ND		0.500	1	10/23/2023 16:36	WG2155590
Chloromethane	ND		1.25	1	10/23/2023 16:36	WG2155590
2-Chlorotoluene	ND		0.500	1	10/23/2023 16:36	WG2155590
4-Chlorotoluene	ND		0.500	1	10/23/2023 16:36	WG2155590
1,2-Dibromo-3-Chloropropane	ND	C3	2.50	1	10/23/2023 16:36	WG2155590
1,2-Dibromoethane	ND		0.500	1	10/23/2023 16:36	WG2155590
Dibromomethane	ND		0.500	1	10/23/2023 16:36	WG2155590
1,2-Dichlorobenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
1,3-Dichlorobenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
1,4-Dichlorobenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
Dichlorodifluoromethane	ND		2.50	1	10/23/2023 16:36	WG2155590
1,1-Dichloroethane	ND		0.500	1	10/23/2023 16:36	WG2155590
1,2-Dichloroethane	ND		0.500	1	10/23/2023 16:36	WG2155590
1,1-Dichloroethene	ND		0.500	1	10/23/2023 16:36	WG2155590
cis-1,2-Dichloroethene	5.31		0.500	1	10/23/2023 16:36	WG2155590
trans-1,2-Dichloroethene	ND		0.500	1	10/23/2023 16:36	WG2155590
1,2-Dichloropropane	ND		0.500	1	10/23/2023 16:36	WG2155590
1,1-Dichloropropene	ND		0.500	1	10/23/2023 16:36	WG2155590
1,3-Dichloropropane	ND		1.00	1	10/23/2023 16:36	WG2155590
cis-1,3-Dichloropropene	ND		0.500	1	10/23/2023 16:36	WG2155590
trans-1,3-Dichloropropene	ND		0.500	1	10/23/2023 16:36	WG2155590
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/23/2023 16:36	WG2155590
2,2-Dichloropropane	ND	C3	0.500	1	10/23/2023 16:36	WG2155590
Di-isopropyl ether	ND		0.500	1	10/23/2023 16:36	WG2155590
Ethylbenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
Hexachloro-1,3-butadiene	ND		1.00	1	10/23/2023 16:36	WG2155590
2-Hexanone	ND		5.00	1	10/23/2023 16:36	WG2155590
n-Hexane	ND		5.00	1	10/23/2023 16:36	WG2155590
Iodomethane	ND		5.00	1	10/23/2023 16:36	WG2155590
Isopropylbenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
p-Isopropyltoluene	ND		0.500	1	10/23/2023 16:36	WG2155590
2-Butanone (MEK)	ND		5.00	1	10/23/2023 16:36	WG2155590
Methylene Chloride	ND		2.50	1	10/23/2023 16:36	WG2155590
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/23/2023 16:36	WG2155590
Methyl tert-butyl ether	ND		0.500	1	10/23/2023 16:36	WG2155590
Naphthalene	ND		2.50	1	10/23/2023 16:36	WG2155590
n-Propylbenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
Styrene	ND		0.500	1	10/23/2023 16:36	WG2155590
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/23/2023 16:36	WG2155590
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/23/2023 16:36	WG2155590



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/23/2023 16:36	WG2155590
Tetrachloroethene	40.4		0.500	1	10/23/2023 16:36	WG2155590
Toluene	ND		0.500	1	10/23/2023 16:36	WG2155590
1,2,3-Trichlorobenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
1,2,4-Trichlorobenzene	ND		1.00	1	10/23/2023 16:36	WG2155590
1,1,1-Trichloroethane	ND		0.500	1	10/23/2023 16:36	WG2155590
1,1,2-Trichloroethane	ND		0.500	1	10/23/2023 16:36	WG2155590
Trichloroethene	15.4		0.500	1	10/23/2023 16:36	WG2155590
Trichlorofluoromethane	ND		2.50	1	10/23/2023 16:36	WG2155590
1,2,3-Trichloropropane	ND		2.50	1	10/23/2023 16:36	WG2155590
1,2,4-Trimethylbenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
1,2,3-Trimethylbenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
1,3,5-Trimethylbenzene	ND		0.500	1	10/23/2023 16:36	WG2155590
Vinyl acetate	ND	C3	5.00	1	10/23/2023 16:36	WG2155590
Vinyl chloride	ND		0.500	1	10/23/2023 16:36	WG2155590
Xylenes, Total	ND		1.50	1	10/23/2023 16:36	WG2155590
(S) Toluene-d8	106		80.0-120		10/23/2023 16:36	WG2155590
(S) 4-Bromofluorobenzene	93.9		77.0-126		10/23/2023 16:36	WG2155590
(S) 1,2-Dichloroethane-d4	103		70.0-130		10/23/2023 16:36	WG2155590

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/23/2023 16:58	WG2155590
Acrylonitrile	ND		5.00	1	10/23/2023 16:58	WG2155590
Benzene	ND		0.500	1	10/23/2023 16:58	WG2155590
Bromobenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
Bromodichloromethane	ND		0.500	1	10/23/2023 16:58	WG2155590
Bromochloromethane	ND		0.500	1	10/23/2023 16:58	WG2155590
Bromoform	ND		0.500	1	10/23/2023 16:58	WG2155590
Bromomethane	ND		2.50	1	10/23/2023 16:58	WG2155590
n-Butylbenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
sec-Butylbenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
tert-Butylbenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
Carbon disulfide	ND		0.500	1	10/23/2023 16:58	WG2155590
Carbon tetrachloride	ND		0.500	1	10/23/2023 16:58	WG2155590
Chlorobenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
Chlorodibromomethane	ND		0.500	1	10/23/2023 16:58	WG2155590
Chloroethane	ND		2.50	1	10/23/2023 16:58	WG2155590
Chloroform	ND		0.500	1	10/23/2023 16:58	WG2155590
Chloromethane	ND		1.25	1	10/23/2023 16:58	WG2155590
2-Chlorotoluene	ND		0.500	1	10/23/2023 16:58	WG2155590
4-Chlorotoluene	ND		0.500	1	10/23/2023 16:58	WG2155590
1,2-Dibromo-3-Chloropropane	ND	C3	2.50	1	10/23/2023 16:58	WG2155590
1,2-Dibromoethane	ND		0.500	1	10/23/2023 16:58	WG2155590
Dibromomethane	ND		0.500	1	10/23/2023 16:58	WG2155590
1,2-Dichlorobenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
1,3-Dichlorobenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
1,4-Dichlorobenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
Dichlorodifluoromethane	ND		2.50	1	10/23/2023 16:58	WG2155590
1,1-Dichloroethane	ND		0.500	1	10/23/2023 16:58	WG2155590
1,2-Dichloroethane	ND		0.500	1	10/23/2023 16:58	WG2155590
1,1-Dichloroethene	ND		0.500	1	10/23/2023 16:58	WG2155590
cis-1,2-Dichloroethene	4.59		0.500	1	10/23/2023 16:58	WG2155590
trans-1,2-Dichloroethene	ND		0.500	1	10/23/2023 16:58	WG2155590
1,2-Dichloropropane	ND		0.500	1	10/23/2023 16:58	WG2155590
1,1-Dichloropropene	ND		0.500	1	10/23/2023 16:58	WG2155590
1,3-Dichloropropane	ND		1.00	1	10/23/2023 16:58	WG2155590
cis-1,3-Dichloropropene	ND		0.500	1	10/23/2023 16:58	WG2155590
trans-1,3-Dichloropropene	ND		0.500	1	10/23/2023 16:58	WG2155590
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/23/2023 16:58	WG2155590
2,2-Dichloropropane	ND	C3	0.500	1	10/23/2023 16:58	WG2155590
Di-isopropyl ether	ND		0.500	1	10/23/2023 16:58	WG2155590
Ethylbenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
Hexachloro-1,3-butadiene	ND		1.00	1	10/23/2023 16:58	WG2155590
2-Hexanone	ND		5.00	1	10/23/2023 16:58	WG2155590
n-Hexane	ND		5.00	1	10/23/2023 16:58	WG2155590
Iodomethane	ND		5.00	1	10/23/2023 16:58	WG2155590
Isopropylbenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
p-Isopropyltoluene	ND		0.500	1	10/23/2023 16:58	WG2155590
2-Butanone (MEK)	ND		5.00	1	10/23/2023 16:58	WG2155590
Methylene Chloride	ND		2.50	1	10/23/2023 16:58	WG2155590
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/23/2023 16:58	WG2155590
Methyl tert-butyl ether	ND		0.500	1	10/23/2023 16:58	WG2155590
Naphthalene	ND		2.50	1	10/23/2023 16:58	WG2155590
n-Propylbenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
Styrene	ND		0.500	1	10/23/2023 16:58	WG2155590
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/23/2023 16:58	WG2155590
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/23/2023 16:58	WG2155590

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/23/2023 16:58	WG2155590
Tetrachloroethene	45.5		0.500	1	10/23/2023 16:58	WG2155590
Toluene	ND		0.500	1	10/23/2023 16:58	WG2155590
1,2,3-Trichlorobenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
1,2,4-Trichlorobenzene	ND		1.00	1	10/23/2023 16:58	WG2155590
1,1,1-Trichloroethane	ND		0.500	1	10/23/2023 16:58	WG2155590
1,1,2-Trichloroethane	ND		0.500	1	10/23/2023 16:58	WG2155590
Trichloroethene	15.3		0.500	1	10/23/2023 16:58	WG2155590
Trichlorofluoromethane	ND		2.50	1	10/23/2023 16:58	WG2155590
1,2,3-Trichloropropane	ND		2.50	1	10/23/2023 16:58	WG2155590
1,2,4-Trimethylbenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
1,2,3-Trimethylbenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
1,3,5-Trimethylbenzene	ND		0.500	1	10/23/2023 16:58	WG2155590
Vinyl acetate	ND	C3	5.00	1	10/23/2023 16:58	WG2155590
Vinyl chloride	ND		0.500	1	10/23/2023 16:58	WG2155590
Xylenes, Total	ND		1.50	1	10/23/2023 16:58	WG2155590
(S) Toluene-d8	105		80.0-120		10/23/2023 16:58	WG2155590
(S) 4-Bromofluorobenzene	94.1		77.0-126		10/23/2023 16:58	WG2155590
(S) 1,2-Dichloroethane-d4	107		70.0-130		10/23/2023 16:58	WG2155590

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/23/2023 17:20	WG2155590
Acrylonitrile	ND		5.00	1	10/23/2023 17:20	WG2155590
Benzene	ND		0.500	1	10/23/2023 17:20	WG2155590
Bromobenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
Bromodichloromethane	ND		0.500	1	10/23/2023 17:20	WG2155590
Bromochloromethane	ND		0.500	1	10/23/2023 17:20	WG2155590
Bromoform	ND		0.500	1	10/23/2023 17:20	WG2155590
Bromomethane	ND		2.50	1	10/23/2023 17:20	WG2155590
n-Butylbenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
sec-Butylbenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
tert-Butylbenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
Carbon disulfide	ND		0.500	1	10/23/2023 17:20	WG2155590
Carbon tetrachloride	ND		0.500	1	10/23/2023 17:20	WG2155590
Chlorobenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
Chlorodibromomethane	ND		0.500	1	10/23/2023 17:20	WG2155590
Chloroethane	ND		2.50	1	10/23/2023 17:20	WG2155590
Chloroform	ND		0.500	1	10/23/2023 17:20	WG2155590
Chloromethane	ND		1.25	1	10/23/2023 17:20	WG2155590
2-Chlorotoluene	ND		0.500	1	10/23/2023 17:20	WG2155590
4-Chlorotoluene	ND		0.500	1	10/23/2023 17:20	WG2155590
1,2-Dibromo-3-Chloropropane	ND	C3	2.50	1	10/23/2023 17:20	WG2155590
1,2-Dibromoethane	ND		0.500	1	10/23/2023 17:20	WG2155590
Dibromomethane	ND		0.500	1	10/23/2023 17:20	WG2155590
1,2-Dichlorobenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
1,3-Dichlorobenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
1,4-Dichlorobenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
Dichlorodifluoromethane	ND		2.50	1	10/23/2023 17:20	WG2155590
1,1-Dichloroethane	ND		0.500	1	10/23/2023 17:20	WG2155590
1,2-Dichloroethane	ND		0.500	1	10/23/2023 17:20	WG2155590
1,1-Dichloroethene	ND		0.500	1	10/23/2023 17:20	WG2155590
cis-1,2-Dichloroethene	2.18		0.500	1	10/23/2023 17:20	WG2155590
trans-1,2-Dichloroethene	ND		0.500	1	10/23/2023 17:20	WG2155590
1,2-Dichloropropane	ND		0.500	1	10/23/2023 17:20	WG2155590
1,1-Dichloropropene	ND		0.500	1	10/23/2023 17:20	WG2155590
1,3-Dichloropropane	ND		1.00	1	10/23/2023 17:20	WG2155590
cis-1,3-Dichloropropene	ND		0.500	1	10/23/2023 17:20	WG2155590
trans-1,3-Dichloropropene	ND		0.500	1	10/23/2023 17:20	WG2155590
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/23/2023 17:20	WG2155590
2,2-Dichloropropane	ND	C3	0.500	1	10/23/2023 17:20	WG2155590
Di-isopropyl ether	ND		0.500	1	10/23/2023 17:20	WG2155590
Ethylbenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
Hexachloro-1,3-butadiene	ND		1.00	1	10/23/2023 17:20	WG2155590
2-Hexanone	ND		5.00	1	10/23/2023 17:20	WG2155590
n-Hexane	ND		5.00	1	10/23/2023 17:20	WG2155590
Iodomethane	ND		5.00	1	10/23/2023 17:20	WG2155590
Isopropylbenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
p-Isopropyltoluene	ND		0.500	1	10/23/2023 17:20	WG2155590
2-Butanone (MEK)	ND		5.00	1	10/23/2023 17:20	WG2155590
Methylene Chloride	ND		2.50	1	10/23/2023 17:20	WG2155590
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/23/2023 17:20	WG2155590
Methyl tert-butyl ether	ND		0.500	1	10/23/2023 17:20	WG2155590
Naphthalene	ND		2.50	1	10/23/2023 17:20	WG2155590
n-Propylbenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
Styrene	ND		0.500	1	10/23/2023 17:20	WG2155590
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/23/2023 17:20	WG2155590
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/23/2023 17:20	WG2155590

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

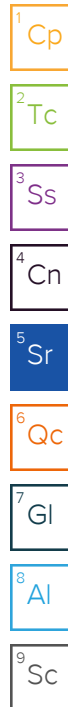
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/23/2023 17:20	WG2155590
Tetrachloroethene	31.9		0.500	1	10/23/2023 17:20	WG2155590
Toluene	ND		0.500	1	10/23/2023 17:20	WG2155590
1,2,3-Trichlorobenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
1,2,4-Trichlorobenzene	ND		1.00	1	10/23/2023 17:20	WG2155590
1,1,1-Trichloroethane	ND		0.500	1	10/23/2023 17:20	WG2155590
1,1,2-Trichloroethane	ND		0.500	1	10/23/2023 17:20	WG2155590
Trichloroethene	8.84		0.500	1	10/23/2023 17:20	WG2155590
Trichlorofluoromethane	ND		2.50	1	10/23/2023 17:20	WG2155590
1,2,3-Trichloropropane	ND		2.50	1	10/23/2023 17:20	WG2155590
1,2,4-Trimethylbenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
1,2,3-Trimethylbenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
1,3,5-Trimethylbenzene	ND		0.500	1	10/23/2023 17:20	WG2155590
Vinyl acetate	ND	C3	5.00	1	10/23/2023 17:20	WG2155590
Vinyl chloride	ND		0.500	1	10/23/2023 17:20	WG2155590
Xylenes, Total	ND		1.50	1	10/23/2023 17:20	WG2155590
(S) Toluene-d8	104		80.0-120		10/23/2023 17:20	WG2155590
(S) 4-Bromofluorobenzene	93.9		77.0-126		10/23/2023 17:20	WG2155590
(S) 1,2-Dichloroethane-d4	105		70.0-130		10/23/2023 17:20	WG2155590



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/23/2023 17:42	WG2155590
Acrylonitrile	ND		5.00	1	10/23/2023 17:42	WG2155590
Benzene	ND		0.500	1	10/23/2023 17:42	WG2155590
Bromobenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
Bromodichloromethane	ND		0.500	1	10/23/2023 17:42	WG2155590
Bromochloromethane	ND		0.500	1	10/23/2023 17:42	WG2155590
Bromoform	ND		0.500	1	10/23/2023 17:42	WG2155590
Bromomethane	ND		2.50	1	10/23/2023 17:42	WG2155590
n-Butylbenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
sec-Butylbenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
tert-Butylbenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
Carbon disulfide	ND		0.500	1	10/23/2023 17:42	WG2155590
Carbon tetrachloride	ND		0.500	1	10/23/2023 17:42	WG2155590
Chlorobenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
Chlorodibromomethane	ND		0.500	1	10/23/2023 17:42	WG2155590
Chloroethane	ND		2.50	1	10/23/2023 17:42	WG2155590
Chloroform	ND		0.500	1	10/23/2023 17:42	WG2155590
Chloromethane	ND		1.25	1	10/23/2023 17:42	WG2155590
2-Chlorotoluene	ND		0.500	1	10/23/2023 17:42	WG2155590
4-Chlorotoluene	ND		0.500	1	10/23/2023 17:42	WG2155590
1,2-Dibromo-3-Chloropropane	ND	C3	2.50	1	10/23/2023 17:42	WG2155590
1,2-Dibromoethane	ND		0.500	1	10/23/2023 17:42	WG2155590
Dibromomethane	ND		0.500	1	10/23/2023 17:42	WG2155590
1,2-Dichlorobenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
1,3-Dichlorobenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
1,4-Dichlorobenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
Dichlorodifluoromethane	ND		2.50	1	10/23/2023 17:42	WG2155590
1,1-Dichloroethane	ND		0.500	1	10/23/2023 17:42	WG2155590
1,2-Dichloroethane	ND		0.500	1	10/23/2023 17:42	WG2155590
1,1-Dichloroethene	ND		0.500	1	10/23/2023 17:42	WG2155590
cis-1,2-Dichloroethene	1.90		0.500	1	10/23/2023 17:42	WG2155590
trans-1,2-Dichloroethene	ND		0.500	1	10/23/2023 17:42	WG2155590
1,2-Dichloropropane	ND		0.500	1	10/23/2023 17:42	WG2155590
1,1-Dichloropropene	ND		0.500	1	10/23/2023 17:42	WG2155590
1,3-Dichloropropane	ND		1.00	1	10/23/2023 17:42	WG2155590
cis-1,3-Dichloropropene	ND		0.500	1	10/23/2023 17:42	WG2155590
trans-1,3-Dichloropropene	ND		0.500	1	10/23/2023 17:42	WG2155590
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/23/2023 17:42	WG2155590
2,2-Dichloropropane	ND	C3	0.500	1	10/23/2023 17:42	WG2155590
Di-isopropyl ether	ND		0.500	1	10/23/2023 17:42	WG2155590
Ethylbenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
Hexachloro-1,3-butadiene	ND		1.00	1	10/23/2023 17:42	WG2155590
2-Hexanone	ND		5.00	1	10/23/2023 17:42	WG2155590
n-Hexane	ND		5.00	1	10/23/2023 17:42	WG2155590
Iodomethane	ND		5.00	1	10/23/2023 17:42	WG2155590
Isopropylbenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
p-Isopropyltoluene	ND		0.500	1	10/23/2023 17:42	WG2155590
2-Butanone (MEK)	ND		5.00	1	10/23/2023 17:42	WG2155590
Methylene Chloride	ND		2.50	1	10/23/2023 17:42	WG2155590
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/23/2023 17:42	WG2155590
Methyl tert-butyl ether	ND		0.500	1	10/23/2023 17:42	WG2155590
Naphthalene	ND		2.50	1	10/23/2023 17:42	WG2155590
n-Propylbenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
Styrene	ND		0.500	1	10/23/2023 17:42	WG2155590
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/23/2023 17:42	WG2155590
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/23/2023 17:42	WG2155590

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/23/2023 17:42	WG2155590
Tetrachloroethene	26.6		0.500	1	10/23/2023 17:42	WG2155590
Toluene	ND		0.500	1	10/23/2023 17:42	WG2155590
1,2,3-Trichlorobenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
1,2,4-Trichlorobenzene	ND		1.00	1	10/23/2023 17:42	WG2155590
1,1,1-Trichloroethane	ND		0.500	1	10/23/2023 17:42	WG2155590
1,1,2-Trichloroethane	ND		0.500	1	10/23/2023 17:42	WG2155590
Trichloroethene	7.26		0.500	1	10/23/2023 17:42	WG2155590
Trichlorofluoromethane	ND		2.50	1	10/23/2023 17:42	WG2155590
1,2,3-Trichloropropane	ND		2.50	1	10/23/2023 17:42	WG2155590
1,2,4-Trimethylbenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
1,2,3-Trimethylbenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
1,3,5-Trimethylbenzene	ND		0.500	1	10/23/2023 17:42	WG2155590
Vinyl acetate	ND	C3	5.00	1	10/23/2023 17:42	WG2155590
Vinyl chloride	ND		0.500	1	10/23/2023 17:42	WG2155590
Xylenes, Total	ND		1.50	1	10/23/2023 17:42	WG2155590
(S) Toluene-d8	104		80.0-120		10/23/2023 17:42	WG2155590
(S) 4-Bromofluorobenzene	94.4		77.0-126		10/23/2023 17:42	WG2155590
(S) 1,2-Dichloroethane-d4	107		70.0-130		10/23/2023 17:42	WG2155590

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/23/2023 18:04	WG2155590
Acrylonitrile	ND		5.00	1	10/23/2023 18:04	WG2155590
Benzene	ND		0.500	1	10/23/2023 18:04	WG2155590
Bromobenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
Bromodichloromethane	ND		0.500	1	10/23/2023 18:04	WG2155590
Bromochloromethane	ND		0.500	1	10/23/2023 18:04	WG2155590
Bromoform	ND		0.500	1	10/23/2023 18:04	WG2155590
Bromomethane	ND		2.50	1	10/23/2023 18:04	WG2155590
n-Butylbenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
sec-Butylbenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
tert-Butylbenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
Carbon disulfide	ND		0.500	1	10/23/2023 18:04	WG2155590
Carbon tetrachloride	ND		0.500	1	10/23/2023 18:04	WG2155590
Chlorobenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
Chlorodibromomethane	ND		0.500	1	10/23/2023 18:04	WG2155590
Chloroethane	ND		2.50	1	10/23/2023 18:04	WG2155590
Chloroform	ND		0.500	1	10/23/2023 18:04	WG2155590
Chloromethane	ND		1.25	1	10/23/2023 18:04	WG2155590
2-Chlorotoluene	ND		0.500	1	10/23/2023 18:04	WG2155590
4-Chlorotoluene	ND		0.500	1	10/23/2023 18:04	WG2155590
1,2-Dibromo-3-Chloropropane	ND	C3	2.50	1	10/23/2023 18:04	WG2155590
1,2-Dibromoethane	ND		0.500	1	10/23/2023 18:04	WG2155590
Dibromomethane	ND		0.500	1	10/23/2023 18:04	WG2155590
1,2-Dichlorobenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
1,3-Dichlorobenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
1,4-Dichlorobenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
Dichlorodifluoromethane	ND		2.50	1	10/23/2023 18:04	WG2155590
1,1-Dichloroethane	ND		0.500	1	10/23/2023 18:04	WG2155590
1,2-Dichloroethane	ND		0.500	1	10/23/2023 18:04	WG2155590
1,1-Dichloroethene	ND		0.500	1	10/23/2023 18:04	WG2155590
cis-1,2-Dichloroethene	ND		0.500	1	10/23/2023 18:04	WG2155590
trans-1,2-Dichloroethene	ND		0.500	1	10/23/2023 18:04	WG2155590
1,2-Dichloropropane	ND		0.500	1	10/23/2023 18:04	WG2155590
1,1-Dichloropropene	ND		0.500	1	10/23/2023 18:04	WG2155590
1,3-Dichloropropane	ND		1.00	1	10/23/2023 18:04	WG2155590
cis-1,3-Dichloropropene	ND		0.500	1	10/23/2023 18:04	WG2155590
trans-1,3-Dichloropropene	ND		0.500	1	10/23/2023 18:04	WG2155590
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/23/2023 18:04	WG2155590
2,2-Dichloropropane	ND	C3	0.500	1	10/23/2023 18:04	WG2155590
Di-isopropyl ether	ND		0.500	1	10/23/2023 18:04	WG2155590
Ethylbenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
Hexachloro-1,3-butadiene	ND		1.00	1	10/23/2023 18:04	WG2155590
2-Hexanone	ND		5.00	1	10/23/2023 18:04	WG2155590
n-Hexane	ND		5.00	1	10/23/2023 18:04	WG2155590
Iodomethane	ND		5.00	1	10/23/2023 18:04	WG2155590
Isopropylbenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
p-Isopropyltoluene	ND		0.500	1	10/23/2023 18:04	WG2155590
2-Butanone (MEK)	ND		5.00	1	10/23/2023 18:04	WG2155590
Methylene Chloride	ND		2.50	1	10/23/2023 18:04	WG2155590
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/23/2023 18:04	WG2155590
Methyl tert-butyl ether	ND		0.500	1	10/23/2023 18:04	WG2155590
Naphthalene	ND		2.50	1	10/23/2023 18:04	WG2155590
n-Propylbenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
Styrene	ND		0.500	1	10/23/2023 18:04	WG2155590
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/23/2023 18:04	WG2155590
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/23/2023 18:04	WG2155590

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

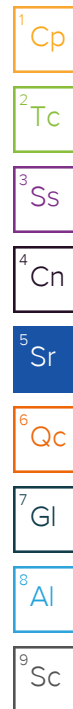
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/23/2023 18:04	WG2155590
Tetrachloroethene	3.05		0.500	1	10/23/2023 18:04	WG2155590
Toluene	ND		0.500	1	10/23/2023 18:04	WG2155590
1,2,3-Trichlorobenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
1,2,4-Trichlorobenzene	ND		1.00	1	10/23/2023 18:04	WG2155590
1,1,1-Trichloroethane	ND		0.500	1	10/23/2023 18:04	WG2155590
1,1,2-Trichloroethane	ND		0.500	1	10/23/2023 18:04	WG2155590
Trichloroethene	1.09		0.500	1	10/23/2023 18:04	WG2155590
Trichlorofluoromethane	ND		2.50	1	10/23/2023 18:04	WG2155590
1,2,3-Trichloropropane	ND		2.50	1	10/23/2023 18:04	WG2155590
1,2,4-Trimethylbenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
1,2,3-Trimethylbenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
1,3,5-Trimethylbenzene	ND		0.500	1	10/23/2023 18:04	WG2155590
Vinyl acetate	ND	C3	5.00	1	10/23/2023 18:04	WG2155590
Vinyl chloride	ND		0.500	1	10/23/2023 18:04	WG2155590
Xylenes, Total	ND		1.50	1	10/23/2023 18:04	WG2155590
(S) Toluene-d8	103		80.0-120		10/23/2023 18:04	WG2155590
(S) 4-Bromofluorobenzene	93.3		77.0-126		10/23/2023 18:04	WG2155590
(S) 1,2-Dichloroethane-d4	105		70.0-130		10/23/2023 18:04	WG2155590

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		25.0	1	10/21/2023 23:04	WG2155719
Acrylonitrile	ND		5.00	1	10/21/2023 23:04	WG2155719
Benzene	ND		0.500	1	10/21/2023 23:04	WG2155719
Bromobenzene	ND	J4	0.500	1	10/21/2023 23:04	WG2155719
Bromodichloromethane	ND		0.500	1	10/21/2023 23:04	WG2155719
Bromochloromethane	ND		0.500	1	10/21/2023 23:04	WG2155719
Bromoform	ND		0.500	1	10/21/2023 23:04	WG2155719
Bromomethane	ND		2.50	1	10/21/2023 23:04	WG2155719
n-Butylbenzene	ND		0.500	1	10/21/2023 23:04	WG2155719
sec-Butylbenzene	ND		0.500	1	10/21/2023 23:04	WG2155719
tert-Butylbenzene	ND		0.500	1	10/21/2023 23:04	WG2155719
Carbon disulfide	ND		0.500	1	10/21/2023 23:04	WG2155719
Carbon tetrachloride	ND		0.500	1	10/21/2023 23:04	WG2155719
Chlorobenzene	ND		0.500	1	10/21/2023 23:04	WG2155719
Chlorodibromomethane	ND		0.500	1	10/21/2023 23:04	WG2155719
Chloroethane	ND		2.50	1	10/21/2023 23:04	WG2155719
Chloroform	ND		0.500	1	10/21/2023 23:04	WG2155719
Chloromethane	ND		1.25	1	10/21/2023 23:04	WG2155719
2-Chlorotoluene	ND		0.500	1	10/21/2023 23:04	WG2155719
4-Chlorotoluene	ND		0.500	1	10/21/2023 23:04	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 23:04	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/21/2023 23:04	WG2155719
Dibromomethane	ND		0.500	1	10/21/2023 23:04	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 23:04	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 23:04	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 23:04	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 23:04	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/21/2023 23:04	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/21/2023 23:04	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/21/2023 23:04	WG2155719
cis-1,2-Dichloroethene	2.73		0.500	1	10/21/2023 23:04	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 23:04	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/21/2023 23:04	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/21/2023 23:04	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/21/2023 23:04	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 23:04	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 23:04	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 23:04	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/21/2023 23:04	WG2155719
Di-isopropyl ether	ND		0.500	1	10/21/2023 23:04	WG2155719
Ethylbenzene	ND		0.500	1	10/21/2023 23:04	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 23:04	WG2155719
2-Hexanone	ND		5.00	1	10/21/2023 23:04	WG2155719
n-Hexane	ND		5.00	1	10/21/2023 23:04	WG2155719
Iodomethane	ND		5.00	1	10/21/2023 23:04	WG2155719
Isopropylbenzene	ND		0.500	1	10/21/2023 23:04	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/21/2023 23:04	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/21/2023 23:04	WG2155719
Methylene Chloride	ND		2.50	1	10/21/2023 23:04	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 23:04	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 23:04	WG2155719
Naphthalene	ND	C3	2.50	1	10/21/2023 23:04	WG2155719
n-Propylbenzene	ND		0.500	1	10/21/2023 23:04	WG2155719
Styrene	ND		0.500	1	10/21/2023 23:04	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 23:04	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/21/2023 23:04	WG2155719



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 23:04	WG2155719
Tetrachloroethene	28.7	C5	0.500	1	10/21/2023 23:04	WG2155719
Toluene	ND		0.500	1	10/21/2023 23:04	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/21/2023 23:04	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 23:04	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 23:04	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 23:04	WG2155719
Trichloroethene	9.58		0.500	1	10/21/2023 23:04	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/21/2023 23:04	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 23:04	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 23:04	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 23:04	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 23:04	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/21/2023 23:04	WG2155719
Vinyl chloride	ND		0.500	1	10/21/2023 23:04	WG2155719
Xylenes, Total	ND		1.50	1	10/21/2023 23:04	WG2155719
(S) Toluene-d8	108		80.0-120		10/21/2023 23:04	WG2155719
(S) 4-Bromofluorobenzene	93.9		77.0-126		10/21/2023 23:04	WG2155719
(S) 1,2-Dichloroethane-d4	97.1		70.0-130		10/21/2023 23:04	WG2155719

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 23:24	WG2155719
Acrylonitrile	ND		5.00	1	10/21/2023 23:24	WG2155719
Benzene	ND		0.500	1	10/21/2023 23:24	WG2155719
Bromobenzene	ND	J4	0.500	1	10/21/2023 23:24	WG2155719
Bromodichloromethane	ND		0.500	1	10/21/2023 23:24	WG2155719
Bromochloromethane	ND		0.500	1	10/21/2023 23:24	WG2155719
Bromoform	ND		0.500	1	10/21/2023 23:24	WG2155719
Bromomethane	ND		2.50	1	10/21/2023 23:24	WG2155719
n-Butylbenzene	ND		0.500	1	10/21/2023 23:24	WG2155719
sec-Butylbenzene	ND		0.500	1	10/21/2023 23:24	WG2155719
tert-Butylbenzene	ND		0.500	1	10/21/2023 23:24	WG2155719
Carbon disulfide	ND		0.500	1	10/21/2023 23:24	WG2155719
Carbon tetrachloride	ND		0.500	1	10/21/2023 23:24	WG2155719
Chlorobenzene	ND		0.500	1	10/21/2023 23:24	WG2155719
Chlorodibromomethane	ND		0.500	1	10/21/2023 23:24	WG2155719
Chloroethane	ND		2.50	1	10/21/2023 23:24	WG2155719
Chloroform	ND		0.500	1	10/21/2023 23:24	WG2155719
Chloromethane	ND		1.25	1	10/21/2023 23:24	WG2155719
2-Chlorotoluene	ND		0.500	1	10/21/2023 23:24	WG2155719
4-Chlorotoluene	ND		0.500	1	10/21/2023 23:24	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 23:24	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/21/2023 23:24	WG2155719
Dibromomethane	ND		0.500	1	10/21/2023 23:24	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 23:24	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 23:24	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 23:24	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 23:24	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/21/2023 23:24	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/21/2023 23:24	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/21/2023 23:24	WG2155719
cis-1,2-Dichloroethene	11.8		0.500	1	10/21/2023 23:24	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 23:24	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/21/2023 23:24	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/21/2023 23:24	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/21/2023 23:24	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 23:24	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 23:24	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 23:24	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/21/2023 23:24	WG2155719
Di-isopropyl ether	ND		0.500	1	10/21/2023 23:24	WG2155719
Ethylbenzene	ND		0.500	1	10/21/2023 23:24	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 23:24	WG2155719
2-Hexanone	ND		5.00	1	10/21/2023 23:24	WG2155719
n-Hexane	ND		5.00	1	10/21/2023 23:24	WG2155719
Iodomethane	ND		5.00	1	10/21/2023 23:24	WG2155719
Isopropylbenzene	ND		0.500	1	10/21/2023 23:24	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/21/2023 23:24	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/21/2023 23:24	WG2155719
Methylene Chloride	ND		2.50	1	10/21/2023 23:24	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 23:24	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 23:24	WG2155719
Naphthalene	ND	C3	2.50	1	10/21/2023 23:24	WG2155719
n-Propylbenzene	ND		0.500	1	10/21/2023 23:24	WG2155719
Styrene	ND		0.500	1	10/21/2023 23:24	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 23:24	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/21/2023 23:24	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 23:24	WG2155719
Tetrachloroethene	104		2.50	5	10/26/2023 01:55	WG2158025
Toluene	ND		0.500	1	10/21/2023 23:24	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/21/2023 23:24	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 23:24	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 23:24	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 23:24	WG2155719
Trichloroethene	37.5		0.500	1	10/21/2023 23:24	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/21/2023 23:24	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 23:24	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 23:24	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 23:24	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 23:24	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/21/2023 23:24	WG2155719
Vinyl chloride	ND		0.500	1	10/21/2023 23:24	WG2155719
Xylenes, Total	ND		1.50	1	10/21/2023 23:24	WG2155719
(S) Toluene-d8	107		80.0-120		10/21/2023 23:24	WG2155719
(S) Toluene-d8	108		80.0-120		10/26/2023 01:55	WG2158025
(S) 4-Bromofluorobenzene	91.5		77.0-126		10/21/2023 23:24	WG2155719
(S) 4-Bromofluorobenzene	105		77.0-126		10/26/2023 01:55	WG2158025
(S) 1,2-Dichloroethane-d4	96.4		70.0-130		10/21/2023 23:24	WG2155719
(S) 1,2-Dichloroethane-d4	107		70.0-130		10/26/2023 01:55	WG2158025

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

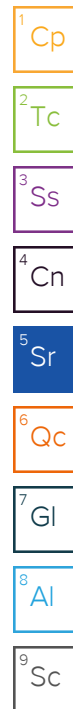
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/21/2023 23:44	WG2155719
Acrylonitrile	ND		5.00	1	10/21/2023 23:44	WG2155719
Benzene	ND		0.500	1	10/21/2023 23:44	WG2155719
Bromobenzene	ND	J4	0.500	1	10/21/2023 23:44	WG2155719
Bromodichloromethane	ND		0.500	1	10/21/2023 23:44	WG2155719
Bromochloromethane	ND		0.500	1	10/21/2023 23:44	WG2155719
Bromoform	ND		0.500	1	10/21/2023 23:44	WG2155719
Bromomethane	ND		2.50	1	10/21/2023 23:44	WG2155719
n-Butylbenzene	ND		0.500	1	10/21/2023 23:44	WG2155719
sec-Butylbenzene	ND		0.500	1	10/21/2023 23:44	WG2155719
tert-Butylbenzene	ND		0.500	1	10/21/2023 23:44	WG2155719
Carbon disulfide	ND		0.500	1	10/21/2023 23:44	WG2155719
Carbon tetrachloride	ND		0.500	1	10/21/2023 23:44	WG2155719
Chlorobenzene	ND		0.500	1	10/21/2023 23:44	WG2155719
Chlorodibromomethane	ND		0.500	1	10/21/2023 23:44	WG2155719
Chloroethane	ND		2.50	1	10/21/2023 23:44	WG2155719
Chloroform	ND		0.500	1	10/21/2023 23:44	WG2155719
Chloromethane	ND		1.25	1	10/21/2023 23:44	WG2155719
2-Chlorotoluene	ND		0.500	1	10/21/2023 23:44	WG2155719
4-Chlorotoluene	ND		0.500	1	10/21/2023 23:44	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/21/2023 23:44	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/21/2023 23:44	WG2155719
Dibromomethane	ND		0.500	1	10/21/2023 23:44	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/21/2023 23:44	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/21/2023 23:44	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/21/2023 23:44	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/21/2023 23:44	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/21/2023 23:44	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/21/2023 23:44	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/21/2023 23:44	WG2155719
cis-1,2-Dichloroethene	6.32		0.500	1	10/21/2023 23:44	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/21/2023 23:44	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/21/2023 23:44	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/21/2023 23:44	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/21/2023 23:44	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/21/2023 23:44	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/21/2023 23:44	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/21/2023 23:44	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/21/2023 23:44	WG2155719
Di-isopropyl ether	ND		0.500	1	10/21/2023 23:44	WG2155719
Ethylbenzene	ND		0.500	1	10/21/2023 23:44	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/21/2023 23:44	WG2155719
2-Hexanone	ND		5.00	1	10/21/2023 23:44	WG2155719
n-Hexane	ND		5.00	1	10/21/2023 23:44	WG2155719
Iodomethane	ND		5.00	1	10/21/2023 23:44	WG2155719
Isopropylbenzene	ND		0.500	1	10/21/2023 23:44	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/21/2023 23:44	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/21/2023 23:44	WG2155719
Methylene Chloride	ND		2.50	1	10/21/2023 23:44	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/21/2023 23:44	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/21/2023 23:44	WG2155719
Naphthalene	ND	C3	2.50	1	10/21/2023 23:44	WG2155719
n-Propylbenzene	ND		0.500	1	10/21/2023 23:44	WG2155719
Styrene	ND		0.500	1	10/21/2023 23:44	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/21/2023 23:44	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/21/2023 23:44	WG2155719



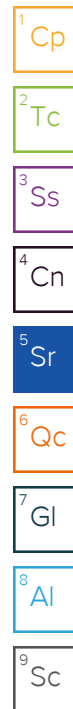
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/21/2023 23:44	WG2155719
Tetrachloroethene	69.9	C5	0.500	1	10/21/2023 23:44	WG2155719
Toluene	ND		0.500	1	10/21/2023 23:44	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/21/2023 23:44	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/21/2023 23:44	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/21/2023 23:44	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/21/2023 23:44	WG2155719
Trichloroethene	20.0		0.500	1	10/21/2023 23:44	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/21/2023 23:44	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/21/2023 23:44	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/21/2023 23:44	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/21/2023 23:44	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/21/2023 23:44	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/21/2023 23:44	WG2155719
Vinyl chloride	ND		0.500	1	10/21/2023 23:44	WG2155719
Xylenes, Total	ND		1.50	1	10/21/2023 23:44	WG2155719
(S) Toluene-d8	105		80.0-120		10/21/2023 23:44	WG2155719
(S) 4-Bromofluorobenzene	92.4		77.0-126		10/21/2023 23:44	WG2155719
(S) 1,2-Dichloroethane-d4	100		70.0-130		10/21/2023 23:44	WG2155719

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/22/2023 00:03	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 00:03	WG2155719
Benzene	ND		0.500	1	10/22/2023 00:03	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 00:03	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 00:03	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 00:03	WG2155719
Bromoform	ND		0.500	1	10/22/2023 00:03	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 00:03	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 00:03	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 00:03	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 00:03	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 00:03	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 00:03	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 00:03	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 00:03	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 00:03	WG2155719
Chloroform	ND		0.500	1	10/22/2023 00:03	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 00:03	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 00:03	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 00:03	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 00:03	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 00:03	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 00:03	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 00:03	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 00:03	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 00:03	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 00:03	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 00:03	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 00:03	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 00:03	WG2155719
cis-1,2-Dichloroethene	1.46		0.500	1	10/22/2023 00:03	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 00:03	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 00:03	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 00:03	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 00:03	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 00:03	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 00:03	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 00:03	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 00:03	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 00:03	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 00:03	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 00:03	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 00:03	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 00:03	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 00:03	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 00:03	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 00:03	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/22/2023 00:03	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 00:03	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 00:03	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 00:03	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 00:03	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 00:03	WG2155719
Styrene	ND		0.500	1	10/22/2023 00:03	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 00:03	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 00:03	WG2155719



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 00:03	WG2155719
Tetrachloroethene	4.29	C5	0.500	1	10/22/2023 00:03	WG2155719
Toluene	ND		0.500	1	10/22/2023 00:03	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 00:03	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 00:03	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 00:03	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 00:03	WG2155719
Trichloroethene	2.44		0.500	1	10/22/2023 00:03	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 00:03	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 00:03	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 00:03	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 00:03	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 00:03	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 00:03	WG2155719
Vinyl chloride	ND		0.500	1	10/22/2023 00:03	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 00:03	WG2155719
(S) Toluene-d8	103		80.0-120		10/22/2023 00:03	WG2155719
(S) 4-Bromofluorobenzene	93.6		77.0-126		10/22/2023 00:03	WG2155719
(S) 1,2-Dichloroethane-d4	98.8		70.0-130		10/22/2023 00:03	WG2155719

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/22/2023 00:23	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 00:23	WG2155719
Benzene	ND		0.500	1	10/22/2023 00:23	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 00:23	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 00:23	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 00:23	WG2155719
Bromoform	ND		0.500	1	10/22/2023 00:23	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 00:23	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 00:23	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 00:23	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 00:23	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 00:23	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 00:23	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 00:23	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 00:23	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 00:23	WG2155719
Chloroform	ND		0.500	1	10/22/2023 00:23	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 00:23	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 00:23	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 00:23	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 00:23	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 00:23	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 00:23	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 00:23	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 00:23	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 00:23	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 00:23	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 00:23	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 00:23	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 00:23	WG2155719
cis-1,2-Dichloroethene	ND		0.500	1	10/22/2023 00:23	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 00:23	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 00:23	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 00:23	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 00:23	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 00:23	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 00:23	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 00:23	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 00:23	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 00:23	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 00:23	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 00:23	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 00:23	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 00:23	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 00:23	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 00:23	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 00:23	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/22/2023 00:23	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 00:23	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 00:23	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 00:23	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 00:23	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 00:23	WG2155719
Styrene	ND		0.500	1	10/22/2023 00:23	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 00:23	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 00:23	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 00:23	WG2155719
Tetrachloroethene	ND		0.500	1	10/22/2023 00:23	WG2155719
Toluene	ND		0.500	1	10/22/2023 00:23	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 00:23	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 00:23	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 00:23	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 00:23	WG2155719
Trichloroethene	ND		0.500	1	10/22/2023 00:23	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 00:23	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 00:23	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 00:23	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 00:23	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 00:23	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 00:23	WG2155719
Vinyl chloride	ND		0.500	1	10/22/2023 00:23	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 00:23	WG2155719
(S) Toluene-d8	107		80.0-120		10/22/2023 00:23	WG2155719
(S) 4-Bromofluorobenzene	92.4		77.0-126		10/22/2023 00:23	WG2155719
(S) 1,2-Dichloroethane-d4	91.2		70.0-130		10/22/2023 00:23	WG2155719

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/22/2023 00:43	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 00:43	WG2155719
Benzene	ND		0.500	1	10/22/2023 00:43	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 00:43	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 00:43	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 00:43	WG2155719
Bromoform	ND		0.500	1	10/22/2023 00:43	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 00:43	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 00:43	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 00:43	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 00:43	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 00:43	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 00:43	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 00:43	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 00:43	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 00:43	WG2155719
Chloroform	ND		0.500	1	10/22/2023 00:43	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 00:43	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 00:43	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 00:43	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 00:43	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 00:43	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 00:43	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 00:43	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 00:43	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 00:43	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 00:43	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 00:43	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 00:43	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 00:43	WG2155719
cis-1,2-Dichloroethene	ND		0.500	1	10/22/2023 00:43	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 00:43	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 00:43	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 00:43	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 00:43	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 00:43	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 00:43	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 00:43	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 00:43	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 00:43	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 00:43	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 00:43	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 00:43	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 00:43	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 00:43	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 00:43	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 00:43	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/22/2023 00:43	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 00:43	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 00:43	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 00:43	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 00:43	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 00:43	WG2155719
Styrene	ND		0.500	1	10/22/2023 00:43	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 00:43	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 00:43	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 00:43	WG2155719
Tetrachloroethene	0.683	C5	0.500	1	10/22/2023 00:43	WG2155719
Toluene	ND		0.500	1	10/22/2023 00:43	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 00:43	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 00:43	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 00:43	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 00:43	WG2155719
Trichloroethene	ND		0.500	1	10/22/2023 00:43	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 00:43	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 00:43	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 00:43	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 00:43	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 00:43	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 00:43	WG2155719
Vinyl chloride	ND		0.500	1	10/22/2023 00:43	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 00:43	WG2155719
(S) Toluene-d8	103		80.0-120		10/22/2023 00:43	WG2155719
(S) 4-Bromofluorobenzene	88.8		77.0-126		10/22/2023 00:43	WG2155719
(S) 1,2-Dichloroethane-d4	92.8		70.0-130		10/22/2023 00:43	WG2155719

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/22/2023 01:03	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 01:03	WG2155719
Benzene	ND		0.500	1	10/22/2023 01:03	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 01:03	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 01:03	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 01:03	WG2155719
Bromoform	ND		0.500	1	10/22/2023 01:03	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 01:03	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 01:03	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 01:03	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 01:03	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 01:03	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 01:03	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 01:03	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 01:03	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 01:03	WG2155719
Chloroform	ND		0.500	1	10/22/2023 01:03	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 01:03	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 01:03	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 01:03	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 01:03	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 01:03	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 01:03	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 01:03	WG2155719
1,3-Dichlorobenzene	0.505		0.500	1	10/22/2023 01:03	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 01:03	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 01:03	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 01:03	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 01:03	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 01:03	WG2155719
cis-1,2-Dichloroethene	ND		0.500	1	10/22/2023 01:03	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 01:03	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 01:03	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 01:03	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 01:03	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 01:03	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 01:03	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 01:03	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 01:03	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 01:03	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 01:03	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 01:03	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 01:03	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 01:03	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 01:03	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 01:03	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 01:03	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/22/2023 01:03	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 01:03	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 01:03	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 01:03	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 01:03	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 01:03	WG2155719
Styrene	ND		0.500	1	10/22/2023 01:03	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 01:03	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 01:03	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 01:03	WG2155719
Tetrachloroethene	0.750	C5	0.500	1	10/22/2023 01:03	WG2155719
Toluene	ND		0.500	1	10/22/2023 01:03	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 01:03	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 01:03	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 01:03	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 01:03	WG2155719
Trichloroethene	ND		0.500	1	10/22/2023 01:03	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 01:03	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 01:03	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 01:03	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 01:03	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 01:03	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 01:03	WG2155719
Vinyl chloride	ND		0.500	1	10/22/2023 01:03	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 01:03	WG2155719
(S) Toluene-d8	103		80.0-120		10/22/2023 01:03	WG2155719
(S) 4-Bromofluorobenzene	94.4		77.0-126		10/22/2023 01:03	WG2155719
(S) 1,2-Dichloroethane-d4	95.0		70.0-130		10/22/2023 01:03	WG2155719

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/22/2023 01:22	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 01:22	WG2155719
Benzene	ND		0.500	1	10/22/2023 01:22	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 01:22	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 01:22	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 01:22	WG2155719
Bromoform	ND		0.500	1	10/22/2023 01:22	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 01:22	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 01:22	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 01:22	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 01:22	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 01:22	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 01:22	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 01:22	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 01:22	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 01:22	WG2155719
Chloroform	ND		0.500	1	10/22/2023 01:22	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 01:22	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 01:22	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 01:22	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 01:22	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 01:22	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 01:22	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 01:22	WG2155719
1,3-Dichlorobenzene	0.521		0.500	1	10/22/2023 01:22	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 01:22	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 01:22	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 01:22	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 01:22	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 01:22	WG2155719
cis-1,2-Dichloroethene	ND		0.500	1	10/22/2023 01:22	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 01:22	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 01:22	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 01:22	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 01:22	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 01:22	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 01:22	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 01:22	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 01:22	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 01:22	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 01:22	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 01:22	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 01:22	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 01:22	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 01:22	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 01:22	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 01:22	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/22/2023 01:22	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 01:22	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 01:22	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 01:22	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 01:22	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 01:22	WG2155719
Styrene	ND		0.500	1	10/22/2023 01:22	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 01:22	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 01:22	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 01:22	WG2155719
Tetrachloroethene	ND		0.500	1	10/22/2023 01:22	WG2155719
Toluene	ND		0.500	1	10/22/2023 01:22	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 01:22	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 01:22	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 01:22	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 01:22	WG2155719
Trichloroethene	ND		0.500	1	10/22/2023 01:22	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 01:22	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 01:22	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 01:22	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 01:22	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 01:22	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 01:22	WG2155719
Vinyl chloride	ND		0.500	1	10/22/2023 01:22	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 01:22	WG2155719
(S) Toluene-d8	103		80.0-120		10/22/2023 01:22	WG2155719
(S) 4-Bromofluorobenzene	90.9		77.0-126		10/22/2023 01:22	WG2155719
(S) 1,2-Dichloroethane-d4	93.0		70.0-130		10/22/2023 01:22	WG2155719

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/22/2023 01:42	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 01:42	WG2155719
Benzene	ND		0.500	1	10/22/2023 01:42	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 01:42	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 01:42	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 01:42	WG2155719
Bromoform	ND		0.500	1	10/22/2023 01:42	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 01:42	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 01:42	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 01:42	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 01:42	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 01:42	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 01:42	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 01:42	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 01:42	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 01:42	WG2155719
Chloroform	ND		0.500	1	10/22/2023 01:42	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 01:42	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 01:42	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 01:42	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 01:42	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 01:42	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 01:42	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 01:42	WG2155719
1,3-Dichlorobenzene	2.66		0.500	1	10/22/2023 01:42	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 01:42	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 01:42	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 01:42	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 01:42	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 01:42	WG2155719
cis-1,2-Dichloroethene	ND		0.500	1	10/22/2023 01:42	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 01:42	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 01:42	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 01:42	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 01:42	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 01:42	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 01:42	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 01:42	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 01:42	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 01:42	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 01:42	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 01:42	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 01:42	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 01:42	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 01:42	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 01:42	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 01:42	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/22/2023 01:42	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 01:42	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 01:42	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 01:42	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 01:42	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 01:42	WG2155719
Styrene	ND		0.500	1	10/22/2023 01:42	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 01:42	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 01:42	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

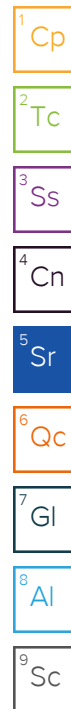
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 01:42	WG2155719
Tetrachloroethene	ND		0.500	1	10/22/2023 01:42	WG2155719
Toluene	0.554		0.500	1	10/22/2023 01:42	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 01:42	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 01:42	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 01:42	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 01:42	WG2155719
Trichloroethene	ND		0.500	1	10/22/2023 01:42	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 01:42	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 01:42	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 01:42	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 01:42	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 01:42	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 01:42	WG2155719
Vinyl chloride	ND		0.500	1	10/22/2023 01:42	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 01:42	WG2155719
(S) Toluene-d8	104		80.0-120		10/22/2023 01:42	WG2155719
(S) 4-Bromofluorobenzene	90.9		77.0-126		10/22/2023 01:42	WG2155719
(S) 1,2-Dichloroethane-d4	92.4		70.0-130		10/22/2023 01:42	WG2155719



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		25.0	1	10/22/2023 02:02	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 02:02	WG2155719
Benzene	ND		0.500	1	10/22/2023 02:02	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 02:02	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 02:02	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 02:02	WG2155719
Bromoform	ND		0.500	1	10/22/2023 02:02	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 02:02	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 02:02	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 02:02	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 02:02	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 02:02	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 02:02	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 02:02	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 02:02	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 02:02	WG2155719
Chloroform	ND		0.500	1	10/22/2023 02:02	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 02:02	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 02:02	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 02:02	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 02:02	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 02:02	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 02:02	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 02:02	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 02:02	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 02:02	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 02:02	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 02:02	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 02:02	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 02:02	WG2155719
cis-1,2-Dichloroethene	ND		0.500	1	10/22/2023 02:02	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 02:02	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 02:02	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 02:02	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 02:02	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 02:02	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 02:02	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 02:02	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 02:02	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 02:02	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 02:02	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 02:02	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 02:02	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 02:02	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 02:02	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 02:02	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 02:02	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/22/2023 02:02	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 02:02	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 02:02	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 02:02	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 02:02	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 02:02	WG2155719
Styrene	ND		0.500	1	10/22/2023 02:02	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 02:02	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 02:02	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 02:02	WG2155719
Tetrachloroethene	ND		0.500	1	10/22/2023 02:02	WG2155719
Toluene	ND		0.500	1	10/22/2023 02:02	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 02:02	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 02:02	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 02:02	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 02:02	WG2155719
Trichloroethene	ND		0.500	1	10/22/2023 02:02	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 02:02	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 02:02	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 02:02	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 02:02	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 02:02	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 02:02	WG2155719
Vinyl chloride	ND		0.500	1	10/22/2023 02:02	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 02:02	WG2155719
(S) Toluene-d8	105		80.0-120		10/22/2023 02:02	WG2155719
(S) 4-Bromofluorobenzene	90.0		77.0-126		10/22/2023 02:02	WG2155719
(S) 1,2-Dichloroethane-d4	92.7		70.0-130		10/22/2023 02:02	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	33.8		25.0	1	10/22/2023 02:21	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 02:21	WG2155719
Benzene	ND		0.500	1	10/22/2023 02:21	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 02:21	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 02:21	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 02:21	WG2155719
Bromoform	ND		0.500	1	10/22/2023 02:21	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 02:21	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 02:21	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 02:21	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 02:21	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 02:21	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 02:21	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 02:21	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 02:21	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 02:21	WG2155719
Chloroform	ND		0.500	1	10/22/2023 02:21	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 02:21	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 02:21	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 02:21	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 02:21	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 02:21	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 02:21	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 02:21	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 02:21	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 02:21	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 02:21	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 02:21	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 02:21	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 02:21	WG2155719
cis-1,2-Dichloroethene	ND		0.500	1	10/22/2023 02:21	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 02:21	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 02:21	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 02:21	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 02:21	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 02:21	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 02:21	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 02:21	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 02:21	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 02:21	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 02:21	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 02:21	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 02:21	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 02:21	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 02:21	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 02:21	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 02:21	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/22/2023 02:21	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 02:21	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 02:21	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 02:21	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 02:21	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 02:21	WG2155719
Styrene	ND		0.500	1	10/22/2023 02:21	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 02:21	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 02:21	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 02:21	WG2155719
Tetrachloroethene	ND		0.500	1	10/22/2023 02:21	WG2155719
Toluene	ND		0.500	1	10/22/2023 02:21	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 02:21	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 02:21	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 02:21	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 02:21	WG2155719
Trichloroethene	ND		0.500	1	10/22/2023 02:21	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 02:21	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 02:21	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 02:21	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 02:21	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 02:21	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 02:21	WG2155719
Vinyl chloride	ND		0.500	1	10/22/2023 02:21	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 02:21	WG2155719
(S) Toluene-d8	106		80.0-120		10/22/2023 02:21	WG2155719
(S) 4-Bromofluorobenzene	91.0		77.0-126		10/22/2023 02:21	WG2155719
(S) 1,2-Dichloroethane-d4	91.8		70.0-130		10/22/2023 02:21	WG2155719

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

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	107		25.0	1	10/22/2023 02:41	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 02:41	WG2155719
Benzene	ND		0.500	1	10/22/2023 02:41	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 02:41	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 02:41	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 02:41	WG2155719
Bromoform	ND		0.500	1	10/22/2023 02:41	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 02:41	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 02:41	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 02:41	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 02:41	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 02:41	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 02:41	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 02:41	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 02:41	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 02:41	WG2155719
Chloroform	1.15		0.500	1	10/22/2023 02:41	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 02:41	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 02:41	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 02:41	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 02:41	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 02:41	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 02:41	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 02:41	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 02:41	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 02:41	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 02:41	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 02:41	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 02:41	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 02:41	WG2155719
cis-1,2-Dichloroethene	ND		0.500	1	10/22/2023 02:41	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 02:41	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 02:41	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 02:41	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 02:41	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 02:41	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 02:41	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 02:41	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 02:41	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 02:41	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 02:41	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 02:41	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 02:41	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 02:41	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 02:41	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 02:41	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 02:41	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/22/2023 02:41	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 02:41	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 02:41	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 02:41	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 02:41	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 02:41	WG2155719
Styrene	ND		0.500	1	10/22/2023 02:41	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 02:41	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 02:41	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 02:41	WG2155719
Tetrachloroethene	ND		0.500	1	10/22/2023 02:41	WG2155719
Toluene	ND		0.500	1	10/22/2023 02:41	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 02:41	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 02:41	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 02:41	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 02:41	WG2155719
Trichloroethene	ND		0.500	1	10/22/2023 02:41	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 02:41	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 02:41	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 02:41	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 02:41	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 02:41	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 02:41	WG2155719
Vinyl chloride	ND		0.500	1	10/22/2023 02:41	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 02:41	WG2155719
(S) Toluene-d8	106		80.0-120		10/22/2023 02:41	WG2155719
(S) 4-Bromofluorobenzene	90.0		77.0-126		10/22/2023 02:41	WG2155719
(S) 1,2-Dichloroethane-d4	92.3		70.0-130		10/22/2023 02:41	WG2155719

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

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	330		25.0	1	10/22/2023 03:01	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 03:01	WG2155719
Benzene	ND		0.500	1	10/22/2023 03:01	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 03:01	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 03:01	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 03:01	WG2155719
Bromoform	ND		0.500	1	10/22/2023 03:01	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 03:01	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 03:01	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 03:01	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 03:01	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 03:01	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 03:01	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 03:01	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 03:01	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 03:01	WG2155719
Chloroform	ND		0.500	1	10/22/2023 03:01	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 03:01	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 03:01	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 03:01	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 03:01	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 03:01	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 03:01	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 03:01	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 03:01	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 03:01	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 03:01	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 03:01	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 03:01	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 03:01	WG2155719
cis-1,2-Dichloroethene	1.70		0.500	1	10/22/2023 03:01	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 03:01	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 03:01	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 03:01	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 03:01	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 03:01	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 03:01	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 03:01	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 03:01	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 03:01	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 03:01	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 03:01	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 03:01	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 03:01	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 03:01	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 03:01	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 03:01	WG2155719
2-Butanone (MEK)	16.9		5.00	1	10/22/2023 03:01	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 03:01	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 03:01	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 03:01	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 03:01	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 03:01	WG2155719
Styrene	ND		0.500	1	10/22/2023 03:01	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 03:01	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 03:01	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

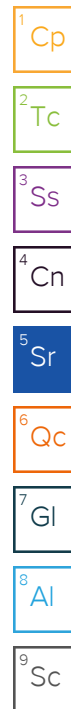
7 Gl

8 Al

9 Sc

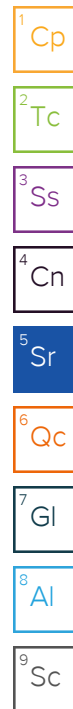
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 03:01	WG2155719
Tetrachloroethene	8.47	C5	0.500	1	10/22/2023 03:01	WG2155719
Toluene	ND		0.500	1	10/22/2023 03:01	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 03:01	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 03:01	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 03:01	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 03:01	WG2155719
Trichloroethene	1.94		0.500	1	10/22/2023 03:01	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 03:01	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 03:01	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 03:01	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 03:01	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 03:01	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 03:01	WG2155719
Vinyl chloride	ND		0.500	1	10/22/2023 03:01	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 03:01	WG2155719
(S) Toluene-d8	105		80.0-120		10/22/2023 03:01	WG2155719
(S) 4-Bromofluorobenzene	92.8		77.0-126		10/22/2023 03:01	WG2155719
(S) 1,2-Dichloroethane-d4	95.3		70.0-130		10/22/2023 03:01	WG2155719



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	502		125	5	10/26/2023 02:16	WG2158025
Acrylonitrile	ND		5.00	1	10/22/2023 03:20	WG2155719
Benzene	ND		0.500	1	10/22/2023 03:20	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 03:20	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 03:20	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 03:20	WG2155719
Bromoform	ND		0.500	1	10/22/2023 03:20	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 03:20	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 03:20	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 03:20	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 03:20	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 03:20	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 03:20	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 03:20	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 03:20	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 03:20	WG2155719
Chloroform	ND		0.500	1	10/22/2023 03:20	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 03:20	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 03:20	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 03:20	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 03:20	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 03:20	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 03:20	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 03:20	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 03:20	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 03:20	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 03:20	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 03:20	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 03:20	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 03:20	WG2155719
cis-1,2-Dichloroethene	ND		0.500	1	10/22/2023 03:20	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 03:20	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 03:20	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 03:20	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 03:20	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 03:20	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 03:20	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 03:20	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 03:20	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 03:20	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 03:20	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 03:20	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 03:20	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 03:20	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 03:20	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 03:20	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 03:20	WG2155719
2-Butanone (MEK)	19.8		5.00	1	10/22/2023 03:20	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 03:20	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 03:20	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 03:20	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 03:20	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 03:20	WG2155719
Styrene	ND		0.500	1	10/22/2023 03:20	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 03:20	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 03:20	WG2155719



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 03:20	WG2155719
Tetrachloroethene	ND		0.500	1	10/22/2023 03:20	WG2155719
Toluene	ND		0.500	1	10/22/2023 03:20	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 03:20	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 03:20	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 03:20	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 03:20	WG2155719
Trichloroethene	ND		0.500	1	10/22/2023 03:20	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 03:20	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 03:20	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 03:20	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 03:20	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 03:20	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 03:20	WG2155719
Vinyl chloride	ND		0.500	1	10/22/2023 03:20	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 03:20	WG2155719
(S) Toluene-d8	103		80.0-120		10/22/2023 03:20	WG2155719
(S) Toluene-d8	113		80.0-120		10/26/2023 02:16	WG2158025
(S) 4-Bromofluorobenzene	90.9		77.0-126		10/22/2023 03:20	WG2155719
(S) 4-Bromofluorobenzene	109		77.0-126		10/26/2023 02:16	WG2158025
(S) 1,2-Dichloroethane-d4	95.6		70.0-130		10/22/2023 03:20	WG2155719
(S) 1,2-Dichloroethane-d4	110		70.0-130		10/26/2023 02:16	WG2158025

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	36.7		25.0	1	10/26/2023 00:30	WG2158025
Acrylonitrile	ND		5.00	1	10/22/2023 03:40	WG2155719
Benzene	ND		0.500	1	10/22/2023 03:40	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 03:40	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 03:40	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 03:40	WG2155719
Bromoform	ND		0.500	1	10/22/2023 03:40	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 03:40	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 03:40	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 03:40	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 03:40	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 03:40	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 03:40	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 03:40	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 03:40	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 03:40	WG2155719
Chloroform	ND		0.500	1	10/22/2023 03:40	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 03:40	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 03:40	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 03:40	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 03:40	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 03:40	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 03:40	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 03:40	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 03:40	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 03:40	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 03:40	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 03:40	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 03:40	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 03:40	WG2155719
cis-1,2-Dichloroethene	ND		0.500	1	10/22/2023 03:40	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 03:40	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 03:40	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 03:40	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 03:40	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 03:40	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 03:40	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 03:40	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 03:40	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 03:40	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 03:40	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 03:40	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 03:40	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 03:40	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 03:40	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 03:40	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 03:40	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/22/2023 03:40	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 03:40	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 03:40	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 03:40	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 03:40	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 03:40	WG2155719
Styrene	ND		0.500	1	10/22/2023 03:40	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 03:40	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 03:40	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 03:40	WG2155719
Tetrachloroethene	ND		0.500	1	10/22/2023 03:40	WG2155719
Toluene	ND		0.500	1	10/22/2023 03:40	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 03:40	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 03:40	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 03:40	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 03:40	WG2155719
Trichloroethene	ND		0.500	1	10/22/2023 03:40	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 03:40	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 03:40	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 03:40	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 03:40	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 03:40	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 03:40	WG2155719
Vinyl chloride	1.17		0.500	1	10/22/2023 03:40	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 03:40	WG2155719
(S) Toluene-d8	106		80.0-120		10/22/2023 03:40	WG2155719
(S) Toluene-d8	110		80.0-120		10/26/2023 00:30	WG2158025
(S) 4-Bromofluorobenzene	91.5		77.0-126		10/22/2023 03:40	WG2155719
(S) 4-Bromofluorobenzene	107		77.0-126		10/26/2023 00:30	WG2158025
(S) 1,2-Dichloroethane-d4	95.3		70.0-130		10/22/2023 03:40	WG2155719
(S) 1,2-Dichloroethane-d4	107		70.0-130		10/26/2023 00:30	WG2158025

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	316		25.0	1	10/22/2023 03:59	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 03:59	WG2155719
Benzene	ND		0.500	1	10/22/2023 03:59	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 03:59	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 03:59	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 03:59	WG2155719
Bromoform	ND		0.500	1	10/22/2023 03:59	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 03:59	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 03:59	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 03:59	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 03:59	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 03:59	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 03:59	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 03:59	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 03:59	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 03:59	WG2155719
Chloroform	ND		0.500	1	10/22/2023 03:59	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 03:59	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 03:59	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 03:59	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 03:59	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 03:59	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 03:59	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 03:59	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 03:59	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 03:59	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 03:59	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 03:59	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 03:59	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 03:59	WG2155719
cis-1,2-Dichloroethene	2.92		0.500	1	10/22/2023 03:59	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 03:59	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 03:59	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 03:59	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 03:59	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 03:59	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 03:59	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 03:59	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 03:59	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 03:59	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 03:59	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 03:59	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 03:59	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 03:59	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 03:59	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 03:59	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 03:59	WG2155719
2-Butanone (MEK)	16.2		5.00	1	10/22/2023 03:59	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 03:59	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 03:59	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 03:59	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 03:59	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 03:59	WG2155719
Styrene	ND		0.500	1	10/22/2023 03:59	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 03:59	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 03:59	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 03:59	WG2155719
Tetrachloroethene	ND		0.500	1	10/22/2023 03:59	WG2155719
Toluene	ND		0.500	1	10/22/2023 03:59	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 03:59	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 03:59	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 03:59	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 03:59	WG2155719
Trichloroethene	1.56		0.500	1	10/22/2023 03:59	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 03:59	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 03:59	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 03:59	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 03:59	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 03:59	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 03:59	WG2155719
Vinyl chloride	1.85		0.500	1	10/22/2023 03:59	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 03:59	WG2155719
(S) Toluene-d8	102		80.0-120		10/22/2023 03:59	WG2155719
(S) 4-Bromofluorobenzene	87.9		77.0-126		10/22/2023 03:59	WG2155719
(S) 1,2-Dichloroethane-d4	92.9		70.0-130		10/22/2023 03:59	WG2155719

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	48.5		25.0	1	10/22/2023 04:19	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 04:19	WG2155719
Benzene	ND		0.500	1	10/22/2023 04:19	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 04:19	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 04:19	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 04:19	WG2155719
Bromoform	ND		0.500	1	10/22/2023 04:19	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 04:19	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 04:19	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 04:19	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 04:19	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 04:19	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 04:19	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 04:19	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 04:19	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 04:19	WG2155719
Chloroform	ND		0.500	1	10/22/2023 04:19	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 04:19	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 04:19	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 04:19	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 04:19	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 04:19	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 04:19	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 04:19	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 04:19	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 04:19	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 04:19	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 04:19	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 04:19	WG2155719
1,1-Dichloroethene	2.11		0.500	1	10/22/2023 04:19	WG2155719
cis-1,2-Dichloroethene	20.8		0.500	1	10/22/2023 04:19	WG2155719
trans-1,2-Dichloroethene	0.691		0.500	1	10/22/2023 04:19	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 04:19	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 04:19	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 04:19	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 04:19	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 04:19	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 04:19	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 04:19	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 04:19	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 04:19	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 04:19	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 04:19	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 04:19	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 04:19	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 04:19	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 04:19	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/22/2023 04:19	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 04:19	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 04:19	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 04:19	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 04:19	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 04:19	WG2155719
Styrene	ND		0.500	1	10/22/2023 04:19	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 04:19	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 04:19	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

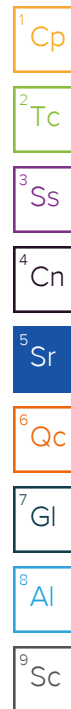
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 04:19	WG2155719
Tetrachloroethene	ND		0.500	1	10/22/2023 04:19	WG2155719
Toluene	ND		0.500	1	10/22/2023 04:19	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 04:19	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 04:19	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 04:19	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 04:19	WG2155719
Trichloroethene	5.69		0.500	1	10/22/2023 04:19	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 04:19	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 04:19	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 04:19	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 04:19	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 04:19	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 04:19	WG2155719
Vinyl chloride	35.1		0.500	1	10/22/2023 04:19	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 04:19	WG2155719
(S) Toluene-d8	105		80.0-120		10/22/2023 04:19	WG2155719
(S) 4-Bromofluorobenzene	88.9		77.0-126		10/22/2023 04:19	WG2155719
(S) 1,2-Dichloroethane-d4	97.4		70.0-130		10/22/2023 04:19	WG2155719



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	40.7		25.0	1	10/22/2023 04:38	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 04:38	WG2155719
Benzene	ND		0.500	1	10/22/2023 04:38	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 04:38	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 04:38	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 04:38	WG2155719
Bromoform	ND		0.500	1	10/22/2023 04:38	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 04:38	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 04:38	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 04:38	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 04:38	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 04:38	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 04:38	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 04:38	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 04:38	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 04:38	WG2155719
Chloroform	ND		0.500	1	10/22/2023 04:38	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 04:38	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 04:38	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 04:38	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 04:38	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 04:38	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 04:38	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 04:38	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 04:38	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 04:38	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 04:38	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 04:38	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 04:38	WG2155719
1,1-Dichloroethene	1.83		0.500	1	10/22/2023 04:38	WG2155719
cis-1,2-Dichloroethene	20.0		0.500	1	10/22/2023 04:38	WG2155719
trans-1,2-Dichloroethene	0.678		0.500	1	10/22/2023 04:38	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 04:38	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 04:38	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 04:38	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 04:38	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 04:38	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 04:38	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 04:38	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 04:38	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 04:38	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 04:38	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 04:38	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 04:38	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 04:38	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 04:38	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 04:38	WG2155719
2-Butanone (MEK)	ND		5.00	1	10/22/2023 04:38	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 04:38	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 04:38	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 04:38	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 04:38	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 04:38	WG2155719
Styrene	ND		0.500	1	10/22/2023 04:38	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 04:38	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 04:38	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

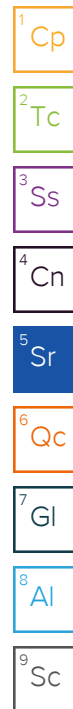
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 04:38	WG2155719
Tetrachloroethene	ND		0.500	1	10/22/2023 04:38	WG2155719
Toluene	ND		0.500	1	10/22/2023 04:38	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 04:38	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 04:38	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 04:38	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 04:38	WG2155719
Trichloroethene	5.55		0.500	1	10/22/2023 04:38	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 04:38	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 04:38	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 04:38	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 04:38	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 04:38	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 04:38	WG2155719
Vinyl chloride	32.6		0.500	1	10/22/2023 04:38	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 04:38	WG2155719
(S) Toluene-d8	101		80.0-120		10/22/2023 04:38	WG2155719
(S) 4-Bromofluorobenzene	95.4		77.0-126		10/22/2023 04:38	WG2155719
(S) 1,2-Dichloroethane-d4	97.1		70.0-130		10/22/2023 04:38	WG2155719

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	345		25.0	1	10/22/2023 04:58	WG2155719
Acrylonitrile	ND		5.00	1	10/22/2023 04:58	WG2155719
Benzene	ND		0.500	1	10/22/2023 04:58	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 04:58	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 04:58	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 04:58	WG2155719
Bromoform	ND		0.500	1	10/22/2023 04:58	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 04:58	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 04:58	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 04:58	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 04:58	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 04:58	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 04:58	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 04:58	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 04:58	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 04:58	WG2155719
Chloroform	ND		0.500	1	10/22/2023 04:58	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 04:58	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 04:58	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 04:58	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 04:58	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 04:58	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 04:58	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 04:58	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 04:58	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 04:58	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 04:58	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 04:58	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 04:58	WG2155719
1,1-Dichloroethene	2.65		0.500	1	10/22/2023 04:58	WG2155719
cis-1,2-Dichloroethene	79.7		0.500	1	10/22/2023 04:58	WG2155719
trans-1,2-Dichloroethene	1.74		0.500	1	10/22/2023 04:58	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 04:58	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 04:58	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 04:58	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 04:58	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 04:58	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 04:58	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 04:58	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 04:58	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 04:58	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 04:58	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 04:58	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 04:58	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 04:58	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 04:58	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 04:58	WG2155719
2-Butanone (MEK)	16.4		5.00	1	10/22/2023 04:58	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 04:58	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 04:58	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 04:58	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 04:58	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 04:58	WG2155719
Styrene	ND		0.500	1	10/22/2023 04:58	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 04:58	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 04:58	WG2155719



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 04:58	WG2155719
Tetrachloroethene	2.38	C5	0.500	1	10/22/2023 04:58	WG2155719
Toluene	ND		0.500	1	10/22/2023 04:58	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 04:58	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 04:58	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 04:58	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 04:58	WG2155719
Trichloroethene	17.4		0.500	1	10/22/2023 04:58	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 04:58	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 04:58	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 04:58	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 04:58	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 04:58	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 04:58	WG2155719
Vinyl chloride	29.8		0.500	1	10/22/2023 04:58	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 04:58	WG2155719
(S) Toluene-d8	103		80.0-120		10/22/2023 04:58	WG2155719
(S) 4-Bromofluorobenzene	87.6		77.0-126		10/22/2023 04:58	WG2155719
(S) 1,2-Dichloroethane-d4	93.1		70.0-130		10/22/2023 04:58	WG2155719

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	685		125	5	10/26/2023 02:37	WG2158025
Acrylonitrile	ND		5.00	1	10/22/2023 05:17	WG2155719
Benzene	ND		0.500	1	10/22/2023 05:17	WG2155719
Bromobenzene	ND	J4	0.500	1	10/22/2023 05:17	WG2155719
Bromodichloromethane	ND		0.500	1	10/22/2023 05:17	WG2155719
Bromochloromethane	ND		0.500	1	10/22/2023 05:17	WG2155719
Bromoform	ND		0.500	1	10/22/2023 05:17	WG2155719
Bromomethane	ND		2.50	1	10/22/2023 05:17	WG2155719
n-Butylbenzene	ND		0.500	1	10/22/2023 05:17	WG2155719
sec-Butylbenzene	ND		0.500	1	10/22/2023 05:17	WG2155719
tert-Butylbenzene	ND		0.500	1	10/22/2023 05:17	WG2155719
Carbon disulfide	ND		0.500	1	10/22/2023 05:17	WG2155719
Carbon tetrachloride	ND		0.500	1	10/22/2023 05:17	WG2155719
Chlorobenzene	ND		0.500	1	10/22/2023 05:17	WG2155719
Chlorodibromomethane	ND		0.500	1	10/22/2023 05:17	WG2155719
Chloroethane	ND		2.50	1	10/22/2023 05:17	WG2155719
Chloroform	ND		0.500	1	10/22/2023 05:17	WG2155719
Chloromethane	ND		1.25	1	10/22/2023 05:17	WG2155719
2-Chlorotoluene	ND		0.500	1	10/22/2023 05:17	WG2155719
4-Chlorotoluene	ND		0.500	1	10/22/2023 05:17	WG2155719
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/22/2023 05:17	WG2155719
1,2-Dibromoethane	ND		0.500	1	10/22/2023 05:17	WG2155719
Dibromomethane	ND		0.500	1	10/22/2023 05:17	WG2155719
1,2-Dichlorobenzene	ND		0.500	1	10/22/2023 05:17	WG2155719
1,3-Dichlorobenzene	ND		0.500	1	10/22/2023 05:17	WG2155719
1,4-Dichlorobenzene	ND		0.500	1	10/22/2023 05:17	WG2155719
Dichlorodifluoromethane	ND		2.50	1	10/22/2023 05:17	WG2155719
1,1-Dichloroethane	ND		0.500	1	10/22/2023 05:17	WG2155719
1,2-Dichloroethane	ND		0.500	1	10/22/2023 05:17	WG2155719
1,1-Dichloroethene	ND		0.500	1	10/22/2023 05:17	WG2155719
cis-1,2-Dichloroethene	ND		0.500	1	10/22/2023 05:17	WG2155719
trans-1,2-Dichloroethene	ND		0.500	1	10/22/2023 05:17	WG2155719
1,2-Dichloropropane	ND		0.500	1	10/22/2023 05:17	WG2155719
1,1-Dichloropropene	ND		0.500	1	10/22/2023 05:17	WG2155719
1,3-Dichloropropane	ND		1.00	1	10/22/2023 05:17	WG2155719
cis-1,3-Dichloropropene	ND		0.500	1	10/22/2023 05:17	WG2155719
trans-1,3-Dichloropropene	ND		0.500	1	10/22/2023 05:17	WG2155719
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/22/2023 05:17	WG2155719
2,2-Dichloropropane	ND		0.500	1	10/22/2023 05:17	WG2155719
Di-isopropyl ether	ND		0.500	1	10/22/2023 05:17	WG2155719
Ethylbenzene	ND		0.500	1	10/22/2023 05:17	WG2155719
Hexachloro-1,3-butadiene	ND		1.00	1	10/22/2023 05:17	WG2155719
2-Hexanone	ND		5.00	1	10/22/2023 05:17	WG2155719
n-Hexane	ND		5.00	1	10/22/2023 05:17	WG2155719
Iodomethane	ND		5.00	1	10/22/2023 05:17	WG2155719
Isopropylbenzene	ND		0.500	1	10/22/2023 05:17	WG2155719
p-Isopropyltoluene	ND		0.500	1	10/22/2023 05:17	WG2155719
2-Butanone (MEK)	30.0		5.00	1	10/22/2023 05:17	WG2155719
Methylene Chloride	ND		2.50	1	10/22/2023 05:17	WG2155719
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/22/2023 05:17	WG2155719
Methyl tert-butyl ether	ND		0.500	1	10/22/2023 05:17	WG2155719
Naphthalene	ND	C3	2.50	1	10/22/2023 05:17	WG2155719
n-Propylbenzene	ND		0.500	1	10/22/2023 05:17	WG2155719
Styrene	ND		0.500	1	10/22/2023 05:17	WG2155719
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/22/2023 05:17	WG2155719
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/22/2023 05:17	WG2155719

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/22/2023 05:17	WG2155719
Tetrachloroethene	1.61	C5	0.500	1	10/22/2023 05:17	WG2155719
Toluene	ND		0.500	1	10/22/2023 05:17	WG2155719
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/22/2023 05:17	WG2155719
1,2,4-Trichlorobenzene	ND		1.00	1	10/22/2023 05:17	WG2155719
1,1,1-Trichloroethane	ND		0.500	1	10/22/2023 05:17	WG2155719
1,1,2-Trichloroethane	ND		0.500	1	10/22/2023 05:17	WG2155719
Trichloroethene	ND		0.500	1	10/22/2023 05:17	WG2155719
Trichlorofluoromethane	ND		2.50	1	10/22/2023 05:17	WG2155719
1,2,3-Trichloropropane	ND		2.50	1	10/22/2023 05:17	WG2155719
1,2,4-Trimethylbenzene	ND		0.500	1	10/22/2023 05:17	WG2155719
1,2,3-Trimethylbenzene	ND		0.500	1	10/22/2023 05:17	WG2155719
1,3,5-Trimethylbenzene	ND		0.500	1	10/22/2023 05:17	WG2155719
Vinyl acetate	ND	C3	5.00	1	10/22/2023 05:17	WG2155719
Vinyl chloride	ND		0.500	1	10/22/2023 05:17	WG2155719
Xylenes, Total	ND		1.50	1	10/22/2023 05:17	WG2155719
(S) Toluene-d8	102		80.0-120		10/22/2023 05:17	WG2155719
(S) Toluene-d8	108		80.0-120		10/26/2023 02:37	WG2158025
(S) 4-Bromofluorobenzene	89.4		77.0-126		10/22/2023 05:17	WG2155719
(S) 4-Bromofluorobenzene	109		77.0-126		10/26/2023 02:37	WG2158025
(S) 1,2-Dichloroethane-d4	96.3		70.0-130		10/22/2023 05:17	WG2155719
(S) 1,2-Dichloroethane-d4	112		70.0-130		10/26/2023 02:37	WG2158025

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3989812-3 10/20/23 22:38

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromochloromethane	U		0.128	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
trans-1,4-Dichloro-2-butene	U		0.467	5.00
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3989812-3 10/20/23 22:38

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.137	0.500
Hexachloro-1,3-butadiene	U		0.337	1.00
2-Hexanone	U		0.787	5.00
n-Hexane	U		0.749	5.00
Iodomethane	U		0.554	5.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl acetate	U		0.692	5.00
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	111			80.0-120
(S) 4-Bromofluorobenzene	91.1			77.0-126
(S) 1,2-Dichloroethane-d4	106			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3989812-1 10/20/23 21:33 • (LCSD) R3989812-2 10/20/23 21:55

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 %
Acetone	25.0	22.3	23.1	89.2	92.4	19.0-160			3.52	27
Acrylonitrile	25.0	31.5	30.2	126	121	55.0-149			4.21	20
Benzene	5.00	4.79	4.39	95.8	87.8	70.0-123			8.71	20
Bromobenzene	5.00	4.32	4.49	86.4	89.8	73.0-121			3.86	20
Bromodichloromethane	5.00	4.88	4.53	97.6	90.6	75.0-120			7.44	20
Bromochloromethane	5.00	4.91	4.29	98.2	85.8	76.0-122			13.5	20
Bromoform	5.00	4.92	4.83	98.4	96.6	68.0-132			1.85	20
Bromomethane	5.00	3.56	3.32	71.2	66.4	10.0-160			6.98	25
n-Butylbenzene	5.00	4.40	4.09	88.0	81.8	73.0-125			7.30	20
sec-Butylbenzene	5.00	4.38	4.55	87.6	91.0	75.0-125			3.81	20
tert-Butylbenzene	5.00	4.81	4.98	96.2	99.6	76.0-124			3.47	20
Carbon disulfide	5.00	4.00	3.79	80.0	75.8	61.0-128			5.39	20
Carbon tetrachloride	5.00	4.43	4.25	88.6	85.0	68.0-126			4.15	20
Chlorobenzene	5.00	5.24	5.04	105	101	80.0-121			3.89	20
Chlorodibromomethane	5.00	5.44	5.10	109	102	77.0-125			6.45	20
Chloroethane	5.00	4.17	3.95	83.4	79.0	47.0-150			5.42	20
Chloroform	5.00	4.41	4.21	88.2	84.2	73.0-120			4.64	20
Chloromethane	5.00	7.37	7.18	147	144	41.0-142	J4	J4	2.61	20
2-Chlorotoluene	5.00	4.45	4.47	89.0	89.4	76.0-123			0.448	20
4-Chlorotoluene	5.00	4.69	4.75	93.8	95.0	75.0-122			1.27	20
1,2-Dibromo-3-Chloropropane	5.00	4.41	4.77	88.2	95.4	58.0-134			7.84	20
1,2-Dibromoethane	5.00	5.09	4.84	102	96.8	80.0-122			5.04	20
Dibromomethane	5.00	4.53	4.38	90.6	87.6	80.0-120			3.37	20
1,2-Dichlorobenzene	5.00	4.41	4.53	88.2	90.6	79.0-121			2.68	20
1,3-Dichlorobenzene	5.00	4.57	4.74	91.4	94.8	79.0-120			3.65	20
1,4-Dichlorobenzene	5.00	4.77	4.67	95.4	93.4	79.0-120			2.12	20
Dichlorodifluoromethane	5.00	6.29	5.37	126	107	51.0-149			15.8	20
1,1-Dichloroethane	5.00	5.24	4.89	105	97.8	70.0-126			6.91	20
1,2-Dichloroethane	5.00	5.66	5.46	113	109	70.0-128			3.60	20
1,1-Dichloroethene	5.00	4.18	3.94	83.6	78.8	71.0-124			5.91	20
cis-1,2-Dichloroethene	5.00	4.08	3.90	81.6	78.0	73.0-120			4.51	20
trans-1,2-Dichloroethene	5.00	4.32	3.97	86.4	79.4	73.0-120			8.44	20
1,2-Dichloropropane	5.00	6.28	6.12	126	122	77.0-125	J4		2.58	20
1,1-Dichloropropene	5.00	4.81	4.58	96.2	91.6	74.0-126			4.90	20
1,3-Dichloropropane	5.00	5.19	5.05	104	101	80.0-120			2.73	20
cis-1,3-Dichloropropene	5.00	5.03	5.28	101	106	80.0-123			4.85	20
trans-1,3-Dichloropropene	5.00	5.18	5.09	104	102	78.0-124			1.75	20
trans-1,4-Dichloro-2-butene	5.00	5.54	6.11	111	122	33.0-144			9.79	20
2,2-Dichloropropane	5.00	4.47	3.35	89.4	67.0	58.0-130		J3	28.6	20
Di-isopropyl ether	5.00	4.99	4.77	99.8	95.4	58.0-138			4.51	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3989812-1 10/20/23 21:33 • (LCSD) R3989812-2 10/20/23 21:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Ethylbenzene	5.00	4.87	4.52	97.4	90.4	79.0-123			7.45	20
Hexachloro-1,3-butadiene	5.00	4.27	4.54	85.4	90.8	54.0-138			6.13	20
2-Hexanone	25.0	35.3	37.4	141	150	67.0-149		J4	5.78	20
n-Hexane	5.00	5.94	5.15	119	103	57.0-133			14.2	20
Iodomethane	25.0	21.3	20.1	85.2	80.4	33.0-147			5.80	26
Isopropylbenzene	5.00	4.58	4.38	91.6	87.6	76.0-127			4.46	20
p-Isopropyltoluene	5.00	4.63	4.50	92.6	90.0	76.0-125			2.85	20
2-Butanone (MEK)	25.0	29.9	29.6	120	118	44.0-160			1.01	20
Methylene Chloride	5.00	4.11	3.91	82.2	78.2	67.0-120			4.99	20
4-Methyl-2-pentanone (MIBK)	25.0	25.8	25.6	103	102	68.0-142			0.778	20
Methyl tert-butyl ether	5.00	4.00	3.78	80.0	75.6	68.0-125			5.66	20
Naphthalene	5.00	4.24	4.01	84.8	80.2	54.0-135			5.58	20
n-Propylbenzene	5.00	4.27	4.36	85.4	87.2	77.0-124			2.09	20
Styrene	5.00	4.13	4.17	82.6	83.4	73.0-130			0.964	20
1,1,1,2-Tetrachloroethane	5.00	4.70	4.54	94.0	90.8	75.0-125			3.46	20
1,1,2,2-Tetrachloroethane	5.00	3.96	4.19	79.2	83.8	65.0-130			5.64	20
1,1,2-Trichlorotrifluoroethane	5.00	4.41	3.75	88.2	75.0	69.0-132			16.2	20
Tetrachloroethene	5.00	4.90	4.84	98.0	96.8	72.0-132			1.23	20
Toluene	5.00	4.95	4.79	99.0	95.8	79.0-120			3.29	20
1,2,3-Trichlorobenzene	5.00	4.50	4.48	90.0	89.6	50.0-138			0.445	20
1,2,4-Trichlorobenzene	5.00	4.39	4.29	87.8	85.8	57.0-137			2.30	20
1,1,1-Trichloroethane	5.00	4.67	4.18	93.4	83.6	73.0-124			11.1	20
1,1,2-Trichloroethane	5.00	5.17	4.92	103	98.4	80.0-120			4.96	20
Trichloroethene	5.00	5.51	5.41	110	108	78.0-124			1.83	20
Trichlorofluoromethane	5.00	5.02	4.25	100	85.0	59.0-147			16.6	20
1,2,3-Trichloropropane	5.00	4.44	4.93	88.8	98.6	73.0-130			10.5	20
1,2,4-Trimethylbenzene	5.00	4.21	4.14	84.2	82.8	76.0-121			1.68	20
1,2,3-Trimethylbenzene	5.00	4.40	4.16	88.0	83.2	77.0-120			5.61	20
1,3,5-Trimethylbenzene	5.00	4.38	4.39	87.6	87.8	76.0-122			0.228	20
Vinyl acetate	25.0	16.2	16.5	64.8	66.0	11.0-160			1.83	20
Vinyl chloride	5.00	5.24	4.74	105	94.8	67.0-131			10.0	20
Xylenes, Total	15.0	14.3	13.6	95.3	90.7	79.0-123			5.02	20
(S) Toluene-d8				110	110	80.0-120				
(S) 4-Bromofluorobenzene				97.8	96.8	77.0-126				
(S) 1,2-Dichloroethane-d4				112	105	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3990344-3 10/23/23 10:08

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromochloromethane	U		0.128	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
trans-1,4-Dichloro-2-butene	U		0.467	5.00
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3990344-3 10/23/23 10:08

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.137	0.500
Hexachloro-1,3-butadiene	U		0.337	1.00
2-Hexanone	U		0.787	5.00
n-Hexane	U		0.749	5.00
Iodomethane	U		0.554	5.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl acetate	U		0.692	5.00
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	105			80.0-120
(S) 4-Bromofluorobenzene	94.2			77.0-126
(S) 1,2-Dichloroethane-d4	103			70.0-130

¹Cp

²Tc

³Ss

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⁵Sr

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⁷Gl

⁸Al

⁹Sc

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

(LCS) R3990344-1 10/23/23 09:02 • (LCSD) R3990344-2 10/23/23 09:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	32.9	30.5	132	122	19.0-160			7.57	27
Acrylonitrile	25.0	23.2	22.9	92.8	91.6	55.0-149			1.30	20
Benzene	5.00	4.82	4.88	96.4	97.6	70.0-123			1.24	20
Bromobenzene	5.00	5.11	4.98	102	99.6	73.0-121			2.58	20
Bromodichloromethane	5.00	5.11	5.06	102	101	75.0-120			0.983	20
Bromochloromethane	5.00	4.81	4.91	96.2	98.2	76.0-122			2.06	20
Bromoform	5.00	4.32	4.18	86.4	83.6	68.0-132			3.29	20
Bromomethane	5.00	4.73	4.80	94.6	96.0	10.0-160			1.47	25
n-Butylbenzene	5.00	4.24	4.22	84.8	84.4	73.0-125			0.473	20
sec-Butylbenzene	5.00	4.76	4.65	95.2	93.0	75.0-125			2.34	20
tert-Butylbenzene	5.00	4.83	4.70	96.6	94.0	76.0-124			2.73	20
Carbon disulfide	5.00	4.15	4.66	83.0	93.2	61.0-128			11.6	20
Carbon tetrachloride	5.00	4.39	4.77	87.8	95.4	68.0-126			8.30	20
Chlorobenzene	5.00	4.74	4.45	94.8	89.0	80.0-121			6.31	20
Chlorodibromomethane	5.00	5.21	4.86	104	97.2	77.0-125			6.95	20
Chloroethane	5.00	4.53	4.79	90.6	95.8	47.0-150			5.58	20
Chloroform	5.00	4.99	4.93	99.8	98.6	73.0-120			1.21	20
Chloromethane	5.00	4.84	5.26	96.8	105	41.0-142			8.32	20
2-Chlorotoluene	5.00	5.16	5.02	103	100	76.0-123			2.75	20
4-Chlorotoluene	5.00	5.24	4.99	105	99.8	75.0-122			4.89	20
1,2-Dibromo-3-Chloropropane	5.00	3.74	4.10	74.8	82.0	58.0-134			9.18	20
1,2-Dibromoethane	5.00	4.86	4.60	97.2	92.0	80.0-122			5.50	20
Dibromomethane	5.00	5.07	5.09	101	102	80.0-120			0.394	20
1,2-Dichlorobenzene	5.00	4.93	4.80	98.6	96.0	79.0-121			2.67	20
1,3-Dichlorobenzene	5.00	4.95	4.79	99.0	95.8	79.0-120			3.29	20
1,4-Dichlorobenzene	5.00	5.02	4.99	100	99.8	79.0-120			0.599	20
Dichlorodifluoromethane	5.00	5.14	5.96	103	119	51.0-149			14.8	20
1,1-Dichloroethane	5.00	4.55	4.59	91.0	91.8	70.0-126			0.875	20
1,2-Dichloroethane	5.00	4.99	4.92	99.8	98.4	70.0-128			1.41	20
1,1-Dichloroethene	5.00	4.90	5.02	98.0	100	71.0-124			2.42	20
cis-1,2-Dichloroethene	5.00	4.66	4.63	93.2	92.6	73.0-120			0.646	20
trans-1,2-Dichloroethene	5.00	4.72	4.88	94.4	97.6	73.0-120			3.33	20
1,2-Dichloropropane	5.00	4.84	4.80	96.8	96.0	77.0-125			0.830	20
1,1-Dichloropropene	5.00	4.77	5.02	95.4	100	74.0-126			5.11	20
1,3-Dichloropropane	5.00	5.08	4.88	102	97.6	80.0-120			4.02	20
cis-1,3-Dichloropropene	5.00	4.96	4.90	99.2	98.0	80.0-123			1.22	20
trans-1,3-Dichloropropene	5.00	4.73	4.62	94.6	92.4	78.0-124			2.35	20
trans-1,4-Dichloro-2-butene	5.00	3.97	3.95	79.4	79.0	33.0-144			0.505	20
2,2-Dichloropropane	5.00	3.60	3.84	72.0	76.8	58.0-130			6.45	20
Di-isopropyl ether	5.00	4.40	4.41	88.0	88.2	58.0-138			0.227	20

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Cp

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Tc

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Ss

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Cn

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Sr

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Qc

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Gl

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Al

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Sc

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

(LCS) R3990344-1 10/23/23 09:02 • (LCSD) R3990344-2 10/23/23 09:24

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 %
Ethylbenzene	5.00	4.50	4.49	90.0	89.8	79.0-123			0.222	20
Hexachloro-1,3-butadiene	5.00	4.02	4.03	80.4	80.6	54.0-138			0.248	20
2-Hexanone	25.0	23.1	22.0	92.4	88.0	67.0-149			4.88	20
n-Hexane	5.00	4.21	4.35	84.2	87.0	57.0-133			3.27	20
Iodomethane	25.0	21.4	21.8	85.6	87.2	33.0-147			1.85	26
Isopropylbenzene	5.00	4.43	4.36	88.6	87.2	76.0-127			1.59	20
p-Isopropyltoluene	5.00	4.70	4.66	94.0	93.2	76.0-125			0.855	20
2-Butanone (MEK)	25.0	24.6	23.5	98.4	94.0	44.0-160			4.57	20
Methylene Chloride	5.00	4.79	4.67	95.8	93.4	67.0-120			2.54	20
4-Methyl-2-pentanone (MIBK)	25.0	22.5	21.3	90.0	85.2	68.0-142			5.48	20
Methyl tert-butyl ether	5.00	4.51	4.43	90.2	88.6	68.0-125			1.79	20
Naphthalene	5.00	4.15	4.44	83.0	88.8	54.0-135			6.75	20
n-Propylbenzene	5.00	5.07	5.03	101	101	77.0-124			0.792	20
Styrene	5.00	4.24	4.08	84.8	81.6	73.0-130			3.85	20
1,1,1,2-Tetrachloroethane	5.00	4.51	4.32	90.2	86.4	75.0-125			4.30	20
1,1,2,2-Tetrachloroethane	5.00	5.26	4.98	105	99.6	65.0-130			5.47	20
1,1,2-Trichlorotrifluoroethane	5.00	4.56	4.71	91.2	94.2	69.0-132			3.24	20
Tetrachloroethene	5.00	4.39	4.41	87.8	88.2	72.0-132			0.455	20
Toluene	5.00	4.88	4.73	97.6	94.6	79.0-120			3.12	20
1,2,3-Trichlorobenzene	5.00	4.16	4.32	83.2	86.4	50.0-138			3.77	20
1,2,4-Trichlorobenzene	5.00	3.99	4.12	79.8	82.4	57.0-137			3.21	20
1,1,1-Trichloroethane	5.00	5.13	5.24	103	105	73.0-124			2.12	20
1,1,2-Trichloroethane	5.00	5.19	4.78	104	95.6	80.0-120			8.22	20
Trichloroethene	5.00	4.80	4.81	96.0	96.2	78.0-124			0.208	20
Trichlorofluoromethane	5.00	5.02	5.43	100	109	59.0-147			7.85	20
1,2,3-Trichloropropane	5.00	5.41	5.17	108	103	73.0-130			4.54	20
1,2,4-Trimethylbenzene	5.00	4.88	4.66	97.6	93.2	76.0-121			4.61	20
1,2,3-Trimethylbenzene	5.00	4.79	4.65	95.8	93.0	77.0-120			2.97	20
1,3,5-Trimethylbenzene	5.00	4.84	4.69	96.8	93.8	76.0-122			3.15	20
Vinyl acetate	25.0	14.4	13.0	57.6	52.0	11.0-160			10.2	20
Vinyl chloride	5.00	4.41	4.86	88.2	97.2	67.0-131			9.71	20
Xylenes, Total	15.0	13.4	13.1	89.3	87.3	79.0-123			2.26	20
(S) Toluene-d8				103	102	80.0-120				
(S) 4-Bromofluorobenzene				97.7	95.3	77.0-126				
(S) 1,2-Dichloroethane-d4				107	108	70.0-130				

¹Cp

²Tc

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Method Blank (MB)

(MB) R3991112-3 10/21/23 22:45

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromochloromethane	U		0.128	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
trans-1,4-Dichloro-2-butene	U		0.467	5.00
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500

¹Cp

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Method Blank (MB)

(MB) R3991112-3 10/21/23 22:45

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.137	0.500
Hexachloro-1,3-butadiene	U		0.337	1.00
2-Hexanone	U		0.787	5.00
n-Hexane	U		0.749	5.00
Iodomethane	U		0.554	5.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl acetate	U		0.692	5.00
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	106			80.0-120
(S) 4-Bromofluorobenzene	95.9			77.0-126
(S) 1,2-Dichloroethane-d4	95.2			70.0-130

¹Cp

²Tc

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

(LCS) R3991112-1 10/21/23 21:26 • (LCSD) R3991112-2 10/21/23 21:46

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	21.9	21.7	87.6	86.8	19.0-160			0.917	27
Acrylonitrile	25.0	24.6	24.4	98.4	97.6	55.0-149			0.816	20
Benzene	5.00	5.07	5.04	101	101	70.0-123			0.593	20
Bromobenzene	5.00	6.24	6.18	125	124	73.0-121	J4	J4	0.966	20
Bromodichloromethane	5.00	5.07	4.94	101	98.8	75.0-120			2.60	20
Bromochloromethane	5.00	5.32	5.24	106	105	76.0-122			1.52	20
Bromoform	5.00	5.46	5.44	109	109	68.0-132			0.367	20
Bromomethane	5.00	5.29	5.32	106	106	10.0-160			0.566	25
n-Butylbenzene	5.00	5.02	5.40	100	108	73.0-125			7.29	20
sec-Butylbenzene	5.00	5.32	5.35	106	107	75.0-125			0.562	20
tert-Butylbenzene	5.00	5.54	5.57	111	111	76.0-124			0.540	20
Carbon disulfide	5.00	4.74	4.80	94.8	96.0	61.0-128			1.26	20
Carbon tetrachloride	5.00	5.11	5.08	102	102	68.0-126			0.589	20
Chlorobenzene	5.00	5.93	5.90	119	118	80.0-121			0.507	20
Chlorodibromomethane	5.00	5.49	5.40	110	108	77.0-125			1.65	20
Chloroethane	5.00	5.25	5.07	105	101	47.0-150			3.49	20
Chloroform	5.00	4.96	4.90	99.2	98.0	73.0-120			1.22	20
Chloromethane	5.00	4.85	4.99	97.0	99.8	41.0-142			2.85	20
2-Chlorotoluene	5.00	5.50	5.40	110	108	76.0-123			1.83	20
4-Chlorotoluene	5.00	5.75	5.76	115	115	75.0-122			0.174	20
1,2-Dibromo-3-Chloropropane	5.00	4.08	4.06	81.6	81.2	58.0-134			0.491	20
1,2-Dibromoethane	5.00	5.62	5.51	112	110	80.0-122			1.98	20
Dibromomethane	5.00	4.86	4.98	97.2	99.6	80.0-120			2.44	20
1,2-Dichlorobenzene	5.00	5.91	5.87	118	117	79.0-121			0.679	20
1,3-Dichlorobenzene	5.00	5.72	5.85	114	117	79.0-120			2.25	20
1,4-Dichlorobenzene	5.00	5.86	5.81	117	116	79.0-120			0.857	20
Dichlorodifluoromethane	5.00	4.74	4.51	94.8	90.2	51.0-149			4.97	20
1,1-Dichloroethane	5.00	4.85	4.57	97.0	91.4	70.0-126			5.94	20
1,2-Dichloroethane	5.00	5.25	5.03	105	101	70.0-128			4.28	20
1,1-Dichloroethene	5.00	4.86	4.94	97.2	98.8	71.0-124			1.63	20
cis-1,2-Dichloroethene	5.00	4.86	4.86	97.2	97.2	73.0-120			0.000	20
trans-1,2-Dichloroethene	5.00	4.94	5.15	98.8	103	73.0-120			4.16	20
1,2-Dichloropropane	5.00	5.09	5.15	102	103	77.0-125			1.17	20
1,1-Dichloropropene	5.00	5.19	5.08	104	102	74.0-126			2.14	20
1,3-Dichloropropane	5.00	5.75	5.70	115	114	80.0-120			0.873	20
cis-1,3-Dichloropropene	5.00	5.00	4.94	100	98.8	80.0-123			1.21	20
trans-1,3-Dichloropropene	5.00	5.59	5.70	112	114	78.0-124			1.95	20
trans-1,4-Dichloro-2-butene	5.00	4.96	4.65	99.2	93.0	33.0-144			6.45	20
2,2-Dichloropropane	5.00	4.97	4.93	99.4	98.6	58.0-130			0.808	20
Di-isopropyl ether	5.00	4.93	4.92	98.6	98.4	58.0-138			0.203	20

¹Cp

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

(LCS) R3991112-1 10/21/23 21:26 • (LCSD) R3991112-2 10/21/23 21:46

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Ethylbenzene	5.00	5.71	5.50	114	110	79.0-123			3.75	20
Hexachloro-1,3-butadiene	5.00	5.24	4.99	105	99.8	54.0-138			4.89	20
2-Hexanone	25.0	27.8	27.4	111	110	67.0-149			1.45	20
n-Hexane	5.00	4.84	4.57	96.8	91.4	57.0-133			5.74	20
Iodomethane	25.0	26.3	26.4	105	106	33.0-147			0.380	26
Isopropylbenzene	5.00	5.34	5.26	107	105	76.0-127			1.51	20
p-Isopropyltoluene	5.00	5.20	5.30	104	106	76.0-125			1.90	20
2-Butanone (MEK)	25.0	25.9	25.1	104	100	44.0-160			3.14	20
Methylene Chloride	5.00	4.97	5.01	99.4	100	67.0-120			0.802	20
4-Methyl-2-pentanone (MIBK)	25.0	27.9	27.4	112	110	68.0-142			1.81	20
Methyl tert-butyl ether	5.00	4.54	4.61	90.8	92.2	68.0-125			1.53	20
Naphthalene	5.00	3.36	3.41	67.2	68.2	54.0-135			1.48	20
n-Propylbenzene	5.00	5.55	5.60	111	112	77.0-124			0.897	20
Styrene	5.00	5.18	5.27	104	105	73.0-130			1.72	20
1,1,1,2-Tetrachloroethane	5.00	5.70	5.68	114	114	75.0-125			0.351	20
1,1,2,2-Tetrachloroethane	5.00	5.07	5.02	101	100	65.0-130			0.991	20
1,1,2-Trichlorotrifluoroethane	5.00	4.88	4.66	97.6	93.2	69.0-132			4.61	20
Tetrachloroethene	5.00	6.31	6.38	126	128	72.0-132			1.10	20
Toluene	5.00	5.77	5.72	115	114	79.0-120			0.870	20
1,2,3-Trichlorobenzene	5.00	3.76	3.79	75.2	75.8	50.0-138			0.795	20
1,2,4-Trichlorobenzene	5.00	4.70	4.88	94.0	97.6	57.0-137			3.76	20
1,1,1-Trichloroethane	5.00	5.00	5.18	100	104	73.0-124			3.54	20
1,1,2-Trichloroethane	5.00	5.73	5.60	115	112	80.0-120			2.29	20
Trichloroethene	5.00	5.80	5.47	116	109	78.0-124			5.86	20
Trichlorofluoromethane	5.00	5.24	5.15	105	103	59.0-147			1.73	20
1,2,3-Trichloropropane	5.00	6.13	6.20	123	124	73.0-130			1.14	20
1,2,4-Trimethylbenzene	5.00	5.31	5.34	106	107	76.0-121			0.563	20
1,2,3-Trimethylbenzene	5.00	5.32	5.19	106	104	77.0-120			2.47	20
1,3,5-Trimethylbenzene	5.00	5.41	5.35	108	107	76.0-122			1.12	20
Vinyl acetate	25.0	10.9	11.2	43.6	44.8	11.0-160			2.71	20
Vinyl chloride	5.00	5.06	4.97	101	99.4	67.0-131			1.79	20
Xylenes, Total	15.0	16.1	16.4	107	109	79.0-123			1.85	20
(S) Toluene-d8				103	103	80.0-120				
(S) 4-Bromofluorobenzene				94.2	92.3	77.0-126				
(S) 1,2-Dichloroethane-d4				94.6	95.9	70.0-130				

¹Cp

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Method Blank (MB)

(MB) R3990242-3 10/23/23 22:27

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Tetrachloroethene	U		0.300	0.500
(S) Toluene-d8	108			80.0-120
(S) 4-Bromofluorobenzene	90.6			77.0-126
(S) 1,2-Dichloroethane-d4	115			70.0-130

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

(LCS) R3990242-1 10/23/23 21:22 • (LCSD) R3990242-2 10/23/23 21:44

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 %
Tetrachloroethene	5.00	4.56	4.80	91.2	96.0	72.0-132			5.13	20
(S) Toluene-d8				108	108	80.0-120				
(S) 4-Bromofluorobenzene				93.9	90.8	77.0-126				
(S) 1,2-Dichloroethane-d4				119	113	70.0-130				

1
Cp

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Tc

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Ss

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Cn

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Sr

6
Qc

7
Gl

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Al

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Sc

Method Blank (MB)

(MB) R3991344-3 10/25/23 17:25

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Tetrachloroethene	U		0.300	0.500
(S) Toluene-d8	111			80.0-120
(S) 4-Bromofluorobenzene	109			77.0-126
(S) 1,2-Dichloroethane-d4	107			70.0-130

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

(LCS) R3991344-1 10/25/23 16:22 • (LCSD) R3991344-2 10/25/23 16:43

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 %
Acetone	25.0	23.3	22.8	93.2	91.2	19.0-160			2.17	27
Tetrachloroethene	5.00	5.37	5.81	107	116	72.0-132			7.87	20
(S) Toluene-d8				109	107	80.0-120				
(S) 4-Bromofluorobenzene				109	106	77.0-126				
(S) 1,2-Dichloroethane-d4				104	103	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

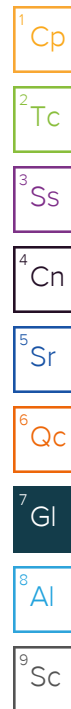
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
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.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.



ACCREDITATIONS & LOCATIONS

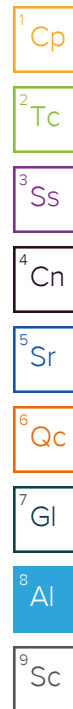
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

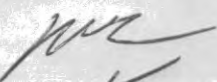
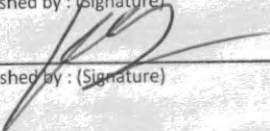
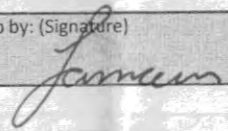
Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia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

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

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

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



Company Name/Address: PNG Environmental 6665 SW Hampton St., Suite 101 Tigard, OR 97223		Billing Information: Accounts Payable- Arla Johnson 6665 SW Hampton St. Suite 101 Tigard, OR 97223		Pres Chk		Analysis / Container / Preservative										Chain of Custody Page 1 of 5					
Report to: Guy Tanz		Email To: gtanz@pngenv.com														 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf					
Project Description:		City/State Collected: Springfield, OR		Please Circle: PT MT CT ET												SDG # Uld 7481 J001					
Phone: 503-620-2387		Client Project # 1176		Lab Project # PNGENVTOR-SPRINGVILL												Acctnum: PNGENVTOR Template: T237419 Prelogin: P1023130 PM: 110 - Brian Ford PB:					
Collected by (print): Jay Gwilt		Site/Facility ID # SPRINGFIELD, OR		P.O. # 1176												Shipped Via:					
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 #												Remarks					
Immediately Packed on Ice N ☐ Y ☒		Date Results Needed		No. of Cntrs												Sample # (lab only)					
Sample ID		Comp/Grab		Matrix *		Depth		Date		Time											
TB-101223		G		GW		10/12/23		0758		1		X									
MW-25 C 1				GW				1000		3		X									
MW-25 C 3				GW				0951		1		X									
MW-25 C 5				GW				0941		1		X									
MW-25 C 6				GW				0944		1		X									
MW-25 C 7				GW				0904		1		X									
MW-99				GW				0953		1		X									
MW-26 C 1				GW				1123		1		X									
MW-26 C 3				GW				1116		1		X									
MW-26 C 4		V		GW		V		1107		V		X									
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks:		pH _____ Temp _____ Flow _____ Other _____												Sample Receipt Checklist COC Seal Present/Intact: ☒ NP ☐ N COC Signed/Accurate: ☒ ☐ N Bottles arrive intact: ☒ ☐ N Correct bottles used: ☒ ☐ N Sufficient volume sent: ☒ ☐ N If Applicable VOA Zero Headspace: ☒ ☐ N Preservation Correct/Checked: ☒ ☐ N RAD Screen <0.5 mR/hr: ☒ ☐ N					
Samples returned via: ☐ UPS ☐ FedEx ☐ Courier		Tracking #		6643 4297 2245																	
Relinquished by: (Signature) 		Date: 10/16/23		Time: 4:1500		Received by: (Signature)		Trip Blank Received: ☒ Yes ☐ No HCL/MeOH TBR		Temp: _____ °C Bottles Received: CCAS 4.5+0=4.5 147 Date: 10/17/23 Time: 0900											
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		If preservation required by Login: Date/Time													
Relinquished by: (Signature)		Date:		Time:		Received for lab by: (Signature) 		Hold: Condition: NCF (OK)													

PNG Environmental 6665 SW Hampton St., Suite 101 Tigard, OR 97223						Billing Information:						Pres Chk		Analysis / Container / Preservative								Chain of Custody		Page 2 of 3			
						Accounts Payable- Arla Johnson 6665 SW Hampton St. Suite 101 Tigard, OR 97223																Email To: gtanz@pngenv.com					
Report to: Guy Tanz						Project Description:						City/State Collected: Springfield, OR		Please Circle: PT MT CT ET		VOCs 8260LL 40mlAmb-HCI								 PEOPLE ADVANCING SCIENCE MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf SDG # ULD07481 Table # Acctnum: PNGENVTOR Template: T237419 Prelogin: P1023130 PM: 110 - Brian Ford PB: Shipped Via:			
Phone: 503-620-2387		Client Project # 1176		Lab Project # PNGENVTOR-SPRINGVILL		P.O. # 1176		Quote #		Date Results Needed		No. of Cntrs															
Collected by (print): Jay Gruber		Site/Facility ID # SPRINGFIELD, OR		Rush? (Lab MUST Be Notified)																							
Collected by (signature): [Signature]				Same Day Five Day		Next Day 5 Day (Rad Only)		Two Day 10 Day (Rad Only)		Three Day																	
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs																				
MW-26 C5	G		GW		10/12/23	1052	3	X																			
MW-34 C1			GW			1210		X																			
MW-34 C3			GW			1204		X																			
MW-34 C5			GW			1152		X																			
MW-32 C3			GW		10/13/23	0959		X																			
MW-32 C5			GW			0946		X																			
MW-31 C3			GW			0940		X																			
MW-31 C5			GW			0938		X																			
MW-27 C1			GW			1017		X																			
MW-27 C4	V		GW			1007	V	X																			
* Matrix:						Remarks:						pH Temp						Flow Other									
SS - Soil AIR - Air F - Filter																											
GW - Groundwater B - Bioassay																											
WW - Waste Water																											
DW - Drinking Water																											
OT - Other																											
Samples returned via:						Tracking #																					
Relinquished by: (Signature) [Signature]						Date: 10/16/23		Time: 1500		Received by: (Signature) [Signature]				Trip Blank Received: Yes / No HCL / MeOH TBR													
Relinquished by: (Signature)						Date:		Time:		Received by: (Signature)				Temp: °C Bottles Received:				If preservation required by Login: Date/Time									
Relinquished by: (Signature)						Date:		Time:		Received for lab by: (Signature) [Signature]				Date: 10/17/23 Time: 0900				Hold: Condition: NCF / OK									

Company Name/Address: PNG Environmental 6665 SW Hampton St., Suite 101 Tigard, OR 97223		Billing Information: Accounts Payable- Arla Johnson 6665 SW Hampton St. Suite 101 Tigard, OR 97223		Pres Chk		Analysis / Container / Preservative										Chain of Custody Page 3 of 5	
Report to: Guy Tanz		Email To: gtanz@pngenv.com														 PEOPLE ADVANCING SCIENCE MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf	
Project Description:		City/State Collected: Springfield, OR		Please Circle: MT CT ET												SDG # ULD07481	
Phone: 503-620-2387		Client Project # 1176		Lab Project # PNGENVTOR-SPRINGVILL		VOCs 8260LL 40mlAmb-HCI										Table #	
Collected by (print): Jay Gruber		Site/Facility ID # SPRINGFIELD, OR		P.O. # 1176												Acctnum: PNGENVTOR	
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 #												Template: T237419	
Immediately Packed on Ice N Y		Date Results Needed		No. of Cntrs												Prelogin: P1023130 PM: 110 - Brian Ford PB:	
Sample ID		Comp/Grab		Matrix *		Depth		Date		Time				Shipped Via:			
MW-30 C 1		G		GW				10/13/23		11/5		3		Remarks			
MW-30 C 3				GW						11/04		3		Sample # (lab only)			
MW-30 C 5				GW						10/49		3		-21			
MW-98				GW						11/05		3		-22			
MW-33 C 1				GW						12/40		3		-23			
MW-33 C 2				GW						12/30		3		-24			
MW-33 C 3				GW						12/23		3		-25			
MW-33 C 4				GW						12/10		3		-26			
MW-33 C 5				GW						11/56		3		-27			
MW-28 C 1				GW				10-16-23		0920		3		-28			
* Matrix:		Remarks:		pH		Temp		Flow		Other		Sample Receipt Checklist					
SS - Soil AIR - Air F - Filter												COC Seal Present/Intact: NP		N			
GW - Groundwater B - Bioassay												COC Signed/Accurate:		N			
WW - WasteWater												Bottles arrive intact:		N			
DW - Drinking Water												Correct bottles used:		N			
OT - Other												Sufficient volume sent:		N			
Samples returned via:		Tracking #										If Applicable					
UPS FedEx Courier												VOA Zero Headspace:		N			
												Preservation Correct/Checked:		Y			
												RAD Screen <0.5 mR/hr:		N			
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Trip Blank Received: Yes / No		HCL / MeOH		TBR					
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Temp: °C		Bottles Received:		If preservation required by Login: Date/Time					
Relinquished by: (Signature)		Date:		Time:		Received for lab by: (Signature)		Date:		Time:		Hold:		Condition: NCF OK			

Company Name/Address: PNG Environmental 6665 SW Hampton St., Suite 101 Tigard, OR 97223				Billing Information: Accounts Payable- Arla Johnson 6665 SW Hampton St. Suite 101 Tigard, OR 97223				Pres Chk		Chain of Custody Page 7 of 3											
										MT JULIET, TN 12065 Lebanon Rd. Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf											
Report to: Guy Tanz				Email To: gtanz@pngenv.com																	
Project Description:				City/State Collected:				Please Circle: PT MT CT ET													
Phone: 503-620-2387				Client Project # 1176				Lab Project # PNGENVTOR-SPRINGVILL		VOCs 8260LL 40mlAmb-HCI											
Collected by (print):				Site/Facility ID # SPRINGFIELD, OR				P.O. # 1176													
Collected by (signature):				Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day				Quote #													
Immediately Packed on Ice N ☐ Y ☐				Date Results Needed				No. of Cntrs													
Sample ID				Comp/Grab		Matrix *		Depth													
MW-28 C 2				G		GW				10/6-23		0913									
MW-28 C 3						GW						0903									
MW-28 C 4						GW						0852									
MW-28 C 5						GW						0840									
MW-37 C 1						GW						1011									
MW-37 C 3						GW						1003									
MW-37 C 4						GW						0952									
MW-38 C 1						GW						1057									
MW-38 C 3						GW						1107									
MW-38 C 4				V		GW				V		1051									
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other				Remarks: Samples returned via: ☐ UPS ☐ FedEx ☐ Courier				Tracking #				pH _____ Temp _____ Flow _____ Other _____									
Relinquished by: (Signature)				Date:		Time:		Received by: (Signature)				Trip Blank Received: Yes / No									
Relinquished by: (Signature)				Date:		Time:		Received by: (Signature)				Temp: °C Bottles Received:									
Relinquished by: (Signature)				Date:		Time:		Received for lab by: (Signature)				Date: Time: Hold:									
												Condition: NCF / OK									

Company Name/Address:

PNG Environmental6665 SW Hampton St., Suite 101
Tigard, OR 97223

Billing Information:

Accounts Payable- Arla Johnson
6665 SW Hampton St. Suite 101
Tigard, OR 97223Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 5 of 5

**MT JULIET, TN**12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>SDG # U1007481

Table #

Acctnum: **PNGENVTOR**Template: **T237419**Prelogin: **P1023130**PM: **110 - Brian Ford**

PB:

Shipped Via:

Remarks Sample # (lab only)

Report to:

Guy TanzEmail To: gtanz@pngenv.com

Project Description:

City/State
Collected:Springfield, ORPlease Circle:
PT MT CT ET

PT MT CT ET

Phone: **503-620-2387**Client Project #
1176Lab Project #
PNGENVTOR-SPRINGVILL

Collected by (print):

Site/Facility ID #
SPRINGFIELD, ORP.O. #
1176

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

Date Results Needed

Quote #

Immediately
Packed on Ice N YNo.
of
Cnts

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

Cnts

MW-15
 MW-25
 DEC-10
 MW-29.5
 MW-35
 MW-165
 MW-171
 MW-97
 MW-211
 MW-225

G

GW

10/16/23

1159

3

GW

1214

GW

1226

GW

1239

GW

1250

GW

1258

GW

1310

GW

1311

GW

1326

GW

1337

VOCs 8260LL 40ml/Amb-HCI

Remarks:

Samples returned via:

☐ UPS ☐ FedEx ☐ Courier

Tracking #

* Matrix:

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

pH _____ Temp _____

Flow _____ Other _____

Sample Receipt Checklist

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

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received: Yes / No

HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold:

Condition:
NCF / OK

10/17/23 0900

November 01, 2023

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

PNG Environmental

Sample Delivery Group: L1668896
Samples Received: 10/20/2023
Project Number: 1176
Description:
Site: SPRINGFIELD, OR
Report To: Guy Tanz
6665 SW Hampton St., Suite 101
Tigard, OR 97223

Entire Report Reviewed By:



Brian Ford
Project Manager

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

Pace Analytical National

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

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MW-53IT L1668896-24	56
MW-53IM L1668896-25	58
MW-53IB L1668896-26	60
MW-52IT L1668896-27	62
MW-52IM L1668896-28	64
MW-52IB L1668896-29	66
MW-51IT L1668896-30	68
MW-51IM L1668896-31	70
MW-51IB L1668896-32	72
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¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

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

SAMPLE SUMMARY

MW-36S L1668896-01 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 08:23	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/27/23 23:10	10/27/23 23:10	JAH	Mt. Juliet, TN

MW-36I L1668896-02 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 08:30	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/27/23 23:29	10/27/23 23:29	JAH	Mt. Juliet, TN

MW-39S L1668896-03 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 08:56	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/27/23 23:48	10/27/23 23:48	JAH	Mt. Juliet, TN

MW-39I L1668896-04 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 09:02	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 00:07	10/28/23 00:07	JAH	Mt. Juliet, TN

MW-39D L1668896-05 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 09:10	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 00:26	10/28/23 00:26	JAH	Mt. Juliet, TN

MW-41S L1668896-06 GW

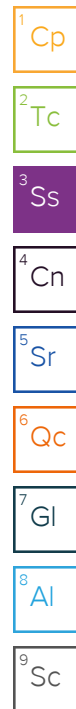
				Collected by Jay Greifer	Collected date/time 10/18/23 09:42	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2161247	1	10/31/23 22:43	10/31/23 22:43	JCP	Mt. Juliet, TN

MW-41I L1668896-07 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 09:46	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 00:45	10/28/23 00:45	JAH	Mt. Juliet, TN

MW-41D L1668896-08 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 09:51	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 01:04	10/28/23 01:04	JAH	Mt. Juliet, TN



SAMPLE SUMMARY

MW-42S L1668896-09 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 10:34	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 01:23	10/28/23 01:23	JAH	Mt. Juliet, TN

MW-42I L1668896-10 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 10:40	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 01:42	10/28/23 01:42	JAH	Mt. Juliet, TN

MW-50S L1668896-11 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 11:15	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 02:01	10/28/23 02:01	JAH	Mt. Juliet, TN

MW-48S L1668896-12 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 12:09	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 02:20	10/28/23 02:20	JAH	Mt. Juliet, TN

MW-48I L1668896-13 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 12:14	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 02:39	10/28/23 02:39	JAH	Mt. Juliet, TN

MW-48D L1668896-14 GW

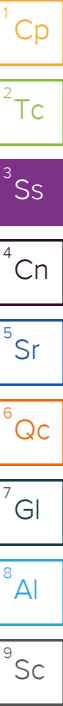
				Collected by Jay Greifer	Collected date/time 10/18/23 12:20	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 02:58	10/28/23 02:58	JAH	Mt. Juliet, TN

MW-46S L1668896-15 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 12:53	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 03:17	10/28/23 03:17	JAH	Mt. Juliet, TN

MW-46I L1668896-16 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 13:04	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 03:35	10/28/23 03:35	JAH	Mt. Juliet, TN



SAMPLE SUMMARY

MW-46D L1668896-17 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 13:18	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 03:54	10/28/23 03:54	JAH	Mt. Juliet, TN

MW-96 L1668896-18 GW

				Collected by Jay Greifer	Collected date/time 10/18/23 13:05	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 04:13	10/28/23 04:13	JAH	Mt. Juliet, TN

MW-54IT L1668896-19 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 08:18	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159685	1	10/28/23 04:32	10/28/23 04:32	JAH	Mt. Juliet, TN

MW-54IM L1668896-20 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 08:22	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 07:24	10/28/23 07:24	KSD	Mt. Juliet, TN

MW-54IB L1668896-21 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 08:26	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 07:43	10/28/23 07:43	KSD	Mt. Juliet, TN

MW-45S L1668896-22 GW

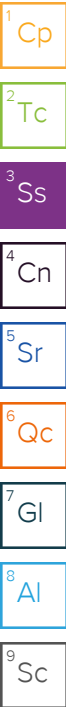
				Collected by Jay Greifer	Collected date/time 10/19/23 09:24	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 08:02	10/28/23 08:02	KSD	Mt. Juliet, TN

MW-45I L1668896-23 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 09:31	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 08:21	10/28/23 08:21	KSD	Mt. Juliet, TN

MW-53IT L1668896-24 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 09:51	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 08:40	10/28/23 08:40	KSD	Mt. Juliet, TN



SAMPLE SUMMARY

MW-53IM L1668896-25 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 09:53	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 08:59	10/28/23 08:59	KSD	Mt. Juliet, TN

MW-53IB L1668896-26 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 09:57	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 09:18	10/28/23 09:18	KSD	Mt. Juliet, TN

MW-52IT L1668896-27 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 10:16	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 09:38	10/28/23 09:38	KSD	Mt. Juliet, TN

MW-52IM L1668896-28 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 10:20	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 09:57	10/28/23 09:57	KSD	Mt. Juliet, TN

MW-52IB L1668896-29 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 10:23	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 10:16	10/28/23 10:16	KSD	Mt. Juliet, TN

MW-51IT L1668896-30 GW

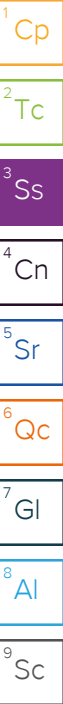
				Collected by Jay Greifer	Collected date/time 10/19/23 10:52	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 10:35	10/28/23 10:35	KSD	Mt. Juliet, TN

MW-51IM L1668896-31 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 10:55	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 10:54	10/28/23 10:54	KSD	Mt. Juliet, TN

MW-51IB L1668896-32 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 11:00	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 11:13	10/28/23 11:13	KSD	Mt. Juliet, TN



SAMPLE SUMMARY

1350 N STREET L1668896-33 GW

Collected by
Jay Greifer

Collected date/time
10/19/23 11:35

Received date/time
10/20/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 11:32	10/28/23 11:32	KSD	Mt. Juliet, TN

MW-43S L1668896-34 GW

Collected by
Jay Greifer

Collected date/time
10/19/23 12:09

Received date/time
10/20/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 11:51	10/28/23 11:51	KSD	Mt. Juliet, TN

MW-43I L1668896-35 GW

Collected by
Jay Greifer

Collected date/time
10/19/23 12:14

Received date/time
10/20/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159687	1	10/28/23 12:10	10/28/23 12:10	KSD	Mt. Juliet, TN

MW-43D L1668896-36 GW

Collected by
Jay Greifer

Collected date/time
10/19/23 12:20

Received date/time
10/20/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159874	1	10/28/23 12:34	10/28/23 12:34	JAH	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

CASE NARRATIVE

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



Brian Ford
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J3	25.0	1	10/27/2023 23:10	WG2159685
Acrylonitrile	ND		5.00	1	10/27/2023 23:10	WG2159685
Benzene	ND		0.500	1	10/27/2023 23:10	WG2159685
Bromobenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
Bromodichloromethane	ND		0.500	1	10/27/2023 23:10	WG2159685
Bromochloromethane	ND		0.500	1	10/27/2023 23:10	WG2159685
Bromoform	ND		0.500	1	10/27/2023 23:10	WG2159685
Bromomethane	ND	C3	2.50	1	10/27/2023 23:10	WG2159685
n-Butylbenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
sec-Butylbenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
tert-Butylbenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/27/2023 23:10	WG2159685
Carbon tetrachloride	ND		0.500	1	10/27/2023 23:10	WG2159685
Chlorobenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
Chlorodibromomethane	ND		0.500	1	10/27/2023 23:10	WG2159685
Chloroethane	ND	C3	2.50	1	10/27/2023 23:10	WG2159685
Chloroform	ND		0.500	1	10/27/2023 23:10	WG2159685
Chloromethane	ND		1.25	1	10/27/2023 23:10	WG2159685
2-Chlorotoluene	ND		0.500	1	10/27/2023 23:10	WG2159685
4-Chlorotoluene	ND		0.500	1	10/27/2023 23:10	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/27/2023 23:10	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/27/2023 23:10	WG2159685
Dibromomethane	ND		0.500	1	10/27/2023 23:10	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/27/2023 23:10	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/27/2023 23:10	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/27/2023 23:10	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/27/2023 23:10	WG2159685
cis-1,2-Dichloroethene	38.2		0.500	1	10/27/2023 23:10	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/27/2023 23:10	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/27/2023 23:10	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/27/2023 23:10	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/27/2023 23:10	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/27/2023 23:10	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/27/2023 23:10	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/27/2023 23:10	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/27/2023 23:10	WG2159685
Di-isopropyl ether	ND		0.500	1	10/27/2023 23:10	WG2159685
Ethylbenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/27/2023 23:10	WG2159685
2-Hexanone	ND		5.00	1	10/27/2023 23:10	WG2159685
n-Hexane	ND		5.00	1	10/27/2023 23:10	WG2159685
Iodomethane	ND		5.00	1	10/27/2023 23:10	WG2159685
Isopropylbenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/27/2023 23:10	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/27/2023 23:10	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/27/2023 23:10	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/27/2023 23:10	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/27/2023 23:10	WG2159685
Naphthalene	ND	C3	2.50	1	10/27/2023 23:10	WG2159685
n-Propylbenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
Styrene	ND		0.500	1	10/27/2023 23:10	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/27/2023 23:10	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/27/2023 23:10	WG2159685

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/27/2023 23:10	WG2159685
Tetrachloroethene	14.7		0.500	1	10/27/2023 23:10	WG2159685
Toluene	ND		0.500	1	10/27/2023 23:10	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/27/2023 23:10	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/27/2023 23:10	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/27/2023 23:10	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/27/2023 23:10	WG2159685
Trichloroethene	4.57		0.500	1	10/27/2023 23:10	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/27/2023 23:10	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/27/2023 23:10	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/27/2023 23:10	WG2159685
Vinyl acetate	ND		5.00	1	10/27/2023 23:10	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/27/2023 23:10	WG2159685
Xylenes, Total	ND		1.50	1	10/27/2023 23:10	WG2159685
(S) Toluene-d8	111		80.0-120		10/27/2023 23:10	WG2159685
(S) 4-Bromofluorobenzene	103		77.0-126		10/27/2023 23:10	WG2159685
(S) 1,2-Dichloroethane-d4	96.3		70.0-130		10/27/2023 23:10	WG2159685

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	66.2	J3	25.0	1	10/27/2023 23:29	WG2159685
Acrylonitrile	ND		5.00	1	10/27/2023 23:29	WG2159685
Benzene	ND		0.500	1	10/27/2023 23:29	WG2159685
Bromobenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
Bromodichloromethane	ND		0.500	1	10/27/2023 23:29	WG2159685
Bromochloromethane	ND		0.500	1	10/27/2023 23:29	WG2159685
Bromoform	ND		0.500	1	10/27/2023 23:29	WG2159685
Bromomethane	ND	C3	2.50	1	10/27/2023 23:29	WG2159685
n-Butylbenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
sec-Butylbenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
tert-Butylbenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/27/2023 23:29	WG2159685
Carbon tetrachloride	ND		0.500	1	10/27/2023 23:29	WG2159685
Chlorobenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
Chlorodibromomethane	ND		0.500	1	10/27/2023 23:29	WG2159685
Chloroethane	ND	C3	2.50	1	10/27/2023 23:29	WG2159685
Chloroform	ND		0.500	1	10/27/2023 23:29	WG2159685
Chloromethane	ND		1.25	1	10/27/2023 23:29	WG2159685
2-Chlorotoluene	ND		0.500	1	10/27/2023 23:29	WG2159685
4-Chlorotoluene	ND		0.500	1	10/27/2023 23:29	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/27/2023 23:29	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/27/2023 23:29	WG2159685
Dibromomethane	ND		0.500	1	10/27/2023 23:29	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/27/2023 23:29	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/27/2023 23:29	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/27/2023 23:29	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/27/2023 23:29	WG2159685
cis-1,2-Dichloroethene	40.2		0.500	1	10/27/2023 23:29	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/27/2023 23:29	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/27/2023 23:29	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/27/2023 23:29	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/27/2023 23:29	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/27/2023 23:29	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/27/2023 23:29	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/27/2023 23:29	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/27/2023 23:29	WG2159685
Di-isopropyl ether	ND		0.500	1	10/27/2023 23:29	WG2159685
Ethylbenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/27/2023 23:29	WG2159685
2-Hexanone	ND		5.00	1	10/27/2023 23:29	WG2159685
n-Hexane	ND		5.00	1	10/27/2023 23:29	WG2159685
Iodomethane	ND		5.00	1	10/27/2023 23:29	WG2159685
Isopropylbenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/27/2023 23:29	WG2159685
2-Butanone (MEK)	5.22		5.00	1	10/27/2023 23:29	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/27/2023 23:29	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/27/2023 23:29	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/27/2023 23:29	WG2159685
Naphthalene	ND	C3	2.50	1	10/27/2023 23:29	WG2159685
n-Propylbenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
Styrene	ND		0.500	1	10/27/2023 23:29	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/27/2023 23:29	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/27/2023 23:29	WG2159685

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

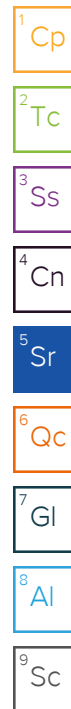
7 Gl

8 Al

9 Sc

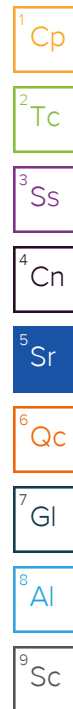
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/27/2023 23:29	WG2159685
Tetrachloroethene	95.1		0.500	1	10/27/2023 23:29	WG2159685
Toluene	ND		0.500	1	10/27/2023 23:29	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/27/2023 23:29	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/27/2023 23:29	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/27/2023 23:29	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/27/2023 23:29	WG2159685
Trichloroethene	21.6		0.500	1	10/27/2023 23:29	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/27/2023 23:29	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/27/2023 23:29	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/27/2023 23:29	WG2159685
Vinyl acetate	ND		5.00	1	10/27/2023 23:29	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/27/2023 23:29	WG2159685
Xylenes, Total	ND		1.50	1	10/27/2023 23:29	WG2159685
(S) Toluene-d8	107		80.0-120		10/27/2023 23:29	WG2159685
(S) 4-Bromofluorobenzene	105		77.0-126		10/27/2023 23:29	WG2159685
(S) 1,2-Dichloroethane-d4	93.9		70.0-130		10/27/2023 23:29	WG2159685



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	60.3	J3	25.0	1	10/27/2023 23:48	WG2159685
Acrylonitrile	ND		5.00	1	10/27/2023 23:48	WG2159685
Benzene	ND		0.500	1	10/27/2023 23:48	WG2159685
Bromobenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
Bromodichloromethane	ND		0.500	1	10/27/2023 23:48	WG2159685
Bromochloromethane	ND		0.500	1	10/27/2023 23:48	WG2159685
Bromoform	ND		0.500	1	10/27/2023 23:48	WG2159685
Bromomethane	ND	C3	2.50	1	10/27/2023 23:48	WG2159685
n-Butylbenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
sec-Butylbenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
tert-Butylbenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/27/2023 23:48	WG2159685
Carbon tetrachloride	ND		0.500	1	10/27/2023 23:48	WG2159685
Chlorobenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
Chlorodibromomethane	ND		0.500	1	10/27/2023 23:48	WG2159685
Chloroethane	ND	C3	2.50	1	10/27/2023 23:48	WG2159685
Chloroform	ND		0.500	1	10/27/2023 23:48	WG2159685
Chloromethane	ND		1.25	1	10/27/2023 23:48	WG2159685
2-Chlorotoluene	ND		0.500	1	10/27/2023 23:48	WG2159685
4-Chlorotoluene	ND		0.500	1	10/27/2023 23:48	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/27/2023 23:48	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/27/2023 23:48	WG2159685
Dibromomethane	ND		0.500	1	10/27/2023 23:48	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/27/2023 23:48	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/27/2023 23:48	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/27/2023 23:48	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/27/2023 23:48	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/27/2023 23:48	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/27/2023 23:48	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/27/2023 23:48	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/27/2023 23:48	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/27/2023 23:48	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/27/2023 23:48	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/27/2023 23:48	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/27/2023 23:48	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/27/2023 23:48	WG2159685
Di-isopropyl ether	ND		0.500	1	10/27/2023 23:48	WG2159685
Ethylbenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/27/2023 23:48	WG2159685
2-Hexanone	ND		5.00	1	10/27/2023 23:48	WG2159685
n-Hexane	ND		5.00	1	10/27/2023 23:48	WG2159685
Iodomethane	ND		5.00	1	10/27/2023 23:48	WG2159685
Isopropylbenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/27/2023 23:48	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/27/2023 23:48	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/27/2023 23:48	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/27/2023 23:48	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/27/2023 23:48	WG2159685
Naphthalene	ND	C3	2.50	1	10/27/2023 23:48	WG2159685
n-Propylbenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
Styrene	ND		0.500	1	10/27/2023 23:48	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/27/2023 23:48	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/27/2023 23:48	WG2159685



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/27/2023 23:48	WG2159685
Tetrachloroethene	0.527		0.500	1	10/27/2023 23:48	WG2159685
Toluene	ND		0.500	1	10/27/2023 23:48	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/27/2023 23:48	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/27/2023 23:48	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/27/2023 23:48	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/27/2023 23:48	WG2159685
Trichloroethene	ND		0.500	1	10/27/2023 23:48	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/27/2023 23:48	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/27/2023 23:48	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/27/2023 23:48	WG2159685
Vinyl acetate	ND		5.00	1	10/27/2023 23:48	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/27/2023 23:48	WG2159685
Xylenes, Total	ND		1.50	1	10/27/2023 23:48	WG2159685
(S) Toluene-d8	106		80.0-120		10/27/2023 23:48	WG2159685
(S) 4-Bromofluorobenzene	99.2		77.0-126		10/27/2023 23:48	WG2159685
(S) 1,2-Dichloroethane-d4	97.4		70.0-130		10/27/2023 23:48	WG2159685

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	32.3	J3	25.0	1	10/28/2023 00:07	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 00:07	WG2159685
Benzene	ND		0.500	1	10/28/2023 00:07	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 00:07	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 00:07	WG2159685
Bromoform	ND		0.500	1	10/28/2023 00:07	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 00:07	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 00:07	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 00:07	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 00:07	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 00:07	WG2159685
Chloroform	ND		0.500	1	10/28/2023 00:07	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 00:07	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 00:07	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 00:07	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 00:07	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 00:07	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 00:07	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 00:07	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 00:07	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 00:07	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 00:07	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 00:07	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 00:07	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 00:07	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 00:07	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 00:07	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 00:07	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 00:07	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 00:07	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 00:07	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 00:07	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 00:07	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 00:07	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 00:07	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 00:07	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 00:07	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 00:07	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 00:07	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 00:07	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 00:07	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 00:07	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
Styrene	ND		0.500	1	10/28/2023 00:07	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 00:07	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 00:07	WG2159685

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 00:07	WG2159685
Tetrachloroethene	ND		0.500	1	10/28/2023 00:07	WG2159685
Toluene	ND		0.500	1	10/28/2023 00:07	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 00:07	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 00:07	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 00:07	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 00:07	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 00:07	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 00:07	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 00:07	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 00:07	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 00:07	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 00:07	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 00:07	WG2159685
(S) Toluene-d8	107		80.0-120		10/28/2023 00:07	WG2159685
(S) 4-Bromofluorobenzene	101		77.0-126		10/28/2023 00:07	WG2159685
(S) 1,2-Dichloroethane-d4	98.3		70.0-130		10/28/2023 00:07	WG2159685

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J3	25.0	1	10/28/2023 00:26	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 00:26	WG2159685
Benzene	ND		0.500	1	10/28/2023 00:26	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 00:26	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 00:26	WG2159685
Bromoform	ND		0.500	1	10/28/2023 00:26	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 00:26	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 00:26	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 00:26	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 00:26	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 00:26	WG2159685
Chloroform	ND		0.500	1	10/28/2023 00:26	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 00:26	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 00:26	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 00:26	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 00:26	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 00:26	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 00:26	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 00:26	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 00:26	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 00:26	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 00:26	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 00:26	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 00:26	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 00:26	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 00:26	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 00:26	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 00:26	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 00:26	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 00:26	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 00:26	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 00:26	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 00:26	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 00:26	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 00:26	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 00:26	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 00:26	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 00:26	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 00:26	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 00:26	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 00:26	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 00:26	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
Styrene	ND		0.500	1	10/28/2023 00:26	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 00:26	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 00:26	WG2159685

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

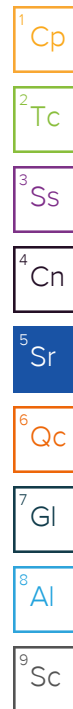
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 00:26	WG2159685
Tetrachloroethene	ND		0.500	1	10/28/2023 00:26	WG2159685
Toluene	ND		0.500	1	10/28/2023 00:26	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 00:26	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 00:26	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 00:26	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 00:26	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 00:26	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 00:26	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 00:26	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 00:26	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 00:26	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 00:26	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 00:26	WG2159685
(S) Toluene-d8	107		80.0-120		10/28/2023 00:26	WG2159685
(S) 4-Bromofluorobenzene	102		77.0-126		10/28/2023 00:26	WG2159685
(S) 1,2-Dichloroethane-d4	95.2		70.0-130		10/28/2023 00:26	WG2159685

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/31/2023 22:43	WG2161247
Acrylonitrile	ND		5.00	1	10/31/2023 22:43	WG2161247
Benzene	ND		0.500	1	10/31/2023 22:43	WG2161247
Bromobenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
Bromodichloromethane	ND		0.500	1	10/31/2023 22:43	WG2161247
Bromochloromethane	ND		0.500	1	10/31/2023 22:43	WG2161247
Bromoform	ND		0.500	1	10/31/2023 22:43	WG2161247
Bromomethane	ND	C3	2.50	1	10/31/2023 22:43	WG2161247
n-Butylbenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
sec-Butylbenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
tert-Butylbenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
Carbon disulfide	ND		0.500	1	10/31/2023 22:43	WG2161247
Carbon tetrachloride	ND		0.500	1	10/31/2023 22:43	WG2161247
Chlorobenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
Chlorodibromomethane	ND		0.500	1	10/31/2023 22:43	WG2161247
Chloroethane	ND		2.50	1	10/31/2023 22:43	WG2161247
Chloroform	ND		0.500	1	10/31/2023 22:43	WG2161247
Chloromethane	ND		1.25	1	10/31/2023 22:43	WG2161247
2-Chlorotoluene	ND		0.500	1	10/31/2023 22:43	WG2161247
4-Chlorotoluene	ND		0.500	1	10/31/2023 22:43	WG2161247
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/31/2023 22:43	WG2161247
1,2-Dibromoethane	ND		0.500	1	10/31/2023 22:43	WG2161247
Dibromomethane	ND		0.500	1	10/31/2023 22:43	WG2161247
1,2-Dichlorobenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
1,3-Dichlorobenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
1,4-Dichlorobenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
Dichlorodifluoromethane	ND		2.50	1	10/31/2023 22:43	WG2161247
1,1-Dichloroethane	ND		0.500	1	10/31/2023 22:43	WG2161247
1,2-Dichloroethane	ND		0.500	1	10/31/2023 22:43	WG2161247
1,1-Dichloroethene	ND		0.500	1	10/31/2023 22:43	WG2161247
cis-1,2-Dichloroethene	ND		0.500	1	10/31/2023 22:43	WG2161247
trans-1,2-Dichloroethene	ND		0.500	1	10/31/2023 22:43	WG2161247
1,2-Dichloropropane	ND		0.500	1	10/31/2023 22:43	WG2161247
1,1-Dichloropropene	ND		0.500	1	10/31/2023 22:43	WG2161247
1,3-Dichloropropane	ND		1.00	1	10/31/2023 22:43	WG2161247
cis-1,3-Dichloropropene	ND		0.500	1	10/31/2023 22:43	WG2161247
trans-1,3-Dichloropropene	ND		0.500	1	10/31/2023 22:43	WG2161247
trans-1,4-Dichloro-2-butene	ND	C3	5.00	1	10/31/2023 22:43	WG2161247
2,2-Dichloropropane	ND		0.500	1	10/31/2023 22:43	WG2161247
Di-isopropyl ether	ND		0.500	1	10/31/2023 22:43	WG2161247
Ethylbenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
Hexachloro-1,3-butadiene	ND		1.00	1	10/31/2023 22:43	WG2161247
2-Hexanone	ND		5.00	1	10/31/2023 22:43	WG2161247
n-Hexane	ND		5.00	1	10/31/2023 22:43	WG2161247
Iodomethane	ND	J4	5.00	1	10/31/2023 22:43	WG2161247
Isopropylbenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
p-Isopropyltoluene	ND		0.500	1	10/31/2023 22:43	WG2161247
2-Butanone (MEK)	ND		5.00	1	10/31/2023 22:43	WG2161247
Methylene Chloride	ND		2.50	1	10/31/2023 22:43	WG2161247
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/31/2023 22:43	WG2161247
Methyl tert-butyl ether	ND		0.500	1	10/31/2023 22:43	WG2161247
Naphthalene	ND		2.50	1	10/31/2023 22:43	WG2161247
n-Propylbenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
Styrene	ND		0.500	1	10/31/2023 22:43	WG2161247
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/31/2023 22:43	WG2161247
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/31/2023 22:43	WG2161247



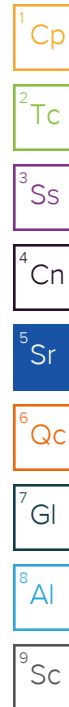
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/31/2023 22:43	WG2161247
Tetrachloroethene	ND		0.500	1	10/31/2023 22:43	WG2161247
Toluene	ND		0.500	1	10/31/2023 22:43	WG2161247
1,2,3-Trichlorobenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
1,2,4-Trichlorobenzene	ND		1.00	1	10/31/2023 22:43	WG2161247
1,1,1-Trichloroethane	ND		0.500	1	10/31/2023 22:43	WG2161247
1,1,2-Trichloroethane	ND		0.500	1	10/31/2023 22:43	WG2161247
Trichloroethene	ND		0.500	1	10/31/2023 22:43	WG2161247
Trichlorofluoromethane	ND		2.50	1	10/31/2023 22:43	WG2161247
1,2,3-Trichloropropane	ND		2.50	1	10/31/2023 22:43	WG2161247
1,2,4-Trimethylbenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
1,2,3-Trimethylbenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
1,3,5-Trimethylbenzene	ND		0.500	1	10/31/2023 22:43	WG2161247
Vinyl acetate	ND		5.00	1	10/31/2023 22:43	WG2161247
Vinyl chloride	ND		0.500	1	10/31/2023 22:43	WG2161247
Xylenes, Total	ND		1.50	1	10/31/2023 22:43	WG2161247
(S) Toluene-d8	104		80.0-120		10/31/2023 22:43	WG2161247
(S) 4-Bromofluorobenzene	103		77.0-126		10/31/2023 22:43	WG2161247
(S) 1,2-Dichloroethane-d4	99.9		70.0-130		10/31/2023 22:43	WG2161247

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J3	25.0	1	10/28/2023 00:45	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 00:45	WG2159685
Benzene	ND		0.500	1	10/28/2023 00:45	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 00:45	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 00:45	WG2159685
Bromoform	ND		0.500	1	10/28/2023 00:45	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 00:45	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 00:45	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 00:45	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 00:45	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 00:45	WG2159685
Chloroform	ND		0.500	1	10/28/2023 00:45	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 00:45	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 00:45	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 00:45	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 00:45	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 00:45	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 00:45	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 00:45	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 00:45	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 00:45	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 00:45	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 00:45	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 00:45	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 00:45	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 00:45	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 00:45	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 00:45	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 00:45	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 00:45	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 00:45	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 00:45	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 00:45	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 00:45	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 00:45	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 00:45	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 00:45	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 00:45	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 00:45	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 00:45	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 00:45	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 00:45	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
Styrene	ND		0.500	1	10/28/2023 00:45	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 00:45	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 00:45	WG2159685



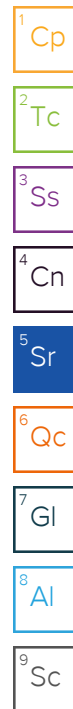
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 00:45	WG2159685
Tetrachloroethene	1.83		0.500	1	10/28/2023 00:45	WG2159685
Toluene	ND		0.500	1	10/28/2023 00:45	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 00:45	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 00:45	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 00:45	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 00:45	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 00:45	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 00:45	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 00:45	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 00:45	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 00:45	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 00:45	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 00:45	WG2159685
(S) Toluene-d8	110		80.0-120		10/28/2023 00:45	WG2159685
(S) 4-Bromofluorobenzene	102		77.0-126		10/28/2023 00:45	WG2159685
(S) 1,2-Dichloroethane-d4	96.3		70.0-130		10/28/2023 00:45	WG2159685

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J3	25.0	1	10/28/2023 01:04	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 01:04	WG2159685
Benzene	ND		0.500	1	10/28/2023 01:04	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 01:04	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 01:04	WG2159685
Bromoform	ND		0.500	1	10/28/2023 01:04	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 01:04	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 01:04	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 01:04	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 01:04	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 01:04	WG2159685
Chloroform	ND		0.500	1	10/28/2023 01:04	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 01:04	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 01:04	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 01:04	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 01:04	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 01:04	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 01:04	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 01:04	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 01:04	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 01:04	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 01:04	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 01:04	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 01:04	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 01:04	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 01:04	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 01:04	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 01:04	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 01:04	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 01:04	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 01:04	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 01:04	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 01:04	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 01:04	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 01:04	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 01:04	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 01:04	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 01:04	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 01:04	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 01:04	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 01:04	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 01:04	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
Styrene	ND		0.500	1	10/28/2023 01:04	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 01:04	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 01:04	WG2159685



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 01:04	WG2159685
Tetrachloroethene	ND		0.500	1	10/28/2023 01:04	WG2159685
Toluene	ND		0.500	1	10/28/2023 01:04	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 01:04	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 01:04	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 01:04	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 01:04	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 01:04	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 01:04	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 01:04	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 01:04	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 01:04	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 01:04	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 01:04	WG2159685
(S) Toluene-d8	108		80.0-120		10/28/2023 01:04	WG2159685
(S) 4-Bromofluorobenzene	102		77.0-126		10/28/2023 01:04	WG2159685
(S) 1,2-Dichloroethane-d4	96.6		70.0-130		10/28/2023 01:04	WG2159685

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J3	25.0	1	10/28/2023 01:23	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 01:23	WG2159685
Benzene	ND		0.500	1	10/28/2023 01:23	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 01:23	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 01:23	WG2159685
Bromoform	ND		0.500	1	10/28/2023 01:23	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 01:23	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 01:23	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 01:23	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 01:23	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 01:23	WG2159685
Chloroform	ND		0.500	1	10/28/2023 01:23	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 01:23	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 01:23	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 01:23	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 01:23	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 01:23	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 01:23	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 01:23	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 01:23	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 01:23	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 01:23	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 01:23	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 01:23	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 01:23	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 01:23	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 01:23	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 01:23	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 01:23	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 01:23	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 01:23	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 01:23	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 01:23	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 01:23	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 01:23	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 01:23	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 01:23	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 01:23	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 01:23	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 01:23	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 01:23	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 01:23	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
Styrene	ND		0.500	1	10/28/2023 01:23	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 01:23	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 01:23	WG2159685

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 01:23	WG2159685
Tetrachloroethene	ND		0.500	1	10/28/2023 01:23	WG2159685
Toluene	ND		0.500	1	10/28/2023 01:23	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 01:23	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 01:23	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 01:23	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 01:23	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 01:23	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 01:23	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 01:23	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 01:23	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 01:23	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 01:23	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 01:23	WG2159685
(S) Toluene-d8	109		80.0-120		10/28/2023 01:23	WG2159685
(S) 4-Bromofluorobenzene	101		77.0-126		10/28/2023 01:23	WG2159685
(S) 1,2-Dichloroethane-d4	101		70.0-130		10/28/2023 01:23	WG2159685

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J3	25.0	1	10/28/2023 01:42	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 01:42	WG2159685
Benzene	ND		0.500	1	10/28/2023 01:42	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 01:42	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 01:42	WG2159685
Bromoform	ND		0.500	1	10/28/2023 01:42	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 01:42	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 01:42	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 01:42	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 01:42	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 01:42	WG2159685
Chloroform	ND		0.500	1	10/28/2023 01:42	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 01:42	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 01:42	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 01:42	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 01:42	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 01:42	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 01:42	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 01:42	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 01:42	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 01:42	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 01:42	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 01:42	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 01:42	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 01:42	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 01:42	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 01:42	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 01:42	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 01:42	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 01:42	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 01:42	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 01:42	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 01:42	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 01:42	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 01:42	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 01:42	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 01:42	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 01:42	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 01:42	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 01:42	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 01:42	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 01:42	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
Styrene	ND		0.500	1	10/28/2023 01:42	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 01:42	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 01:42	WG2159685

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

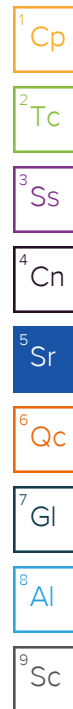
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 01:42	WG2159685
Tetrachloroethene	ND		0.500	1	10/28/2023 01:42	WG2159685
Toluene	ND		0.500	1	10/28/2023 01:42	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 01:42	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 01:42	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 01:42	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 01:42	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 01:42	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 01:42	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 01:42	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 01:42	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 01:42	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 01:42	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 01:42	WG2159685
(S) Toluene-d8	110		80.0-120		10/28/2023 01:42	WG2159685
(S) 4-Bromofluorobenzene	101		77.0-126		10/28/2023 01:42	WG2159685
(S) 1,2-Dichloroethane-d4	98.4		70.0-130		10/28/2023 01:42	WG2159685

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

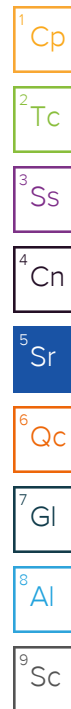
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	85.6	J3	25.0	1	10/28/2023 02:01	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 02:01	WG2159685
Benzene	ND		0.500	1	10/28/2023 02:01	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 02:01	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 02:01	WG2159685
Bromoform	ND		0.500	1	10/28/2023 02:01	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 02:01	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 02:01	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 02:01	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 02:01	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 02:01	WG2159685
Chloroform	ND		0.500	1	10/28/2023 02:01	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 02:01	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 02:01	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 02:01	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 02:01	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 02:01	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 02:01	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 02:01	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 02:01	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 02:01	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 02:01	WG2159685
cis-1,2-Dichloroethene	1.01		0.500	1	10/28/2023 02:01	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 02:01	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 02:01	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 02:01	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 02:01	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 02:01	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 02:01	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 02:01	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 02:01	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 02:01	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 02:01	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 02:01	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 02:01	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 02:01	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 02:01	WG2159685
2-Butanone (MEK)	6.38		5.00	1	10/28/2023 02:01	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 02:01	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 02:01	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 02:01	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 02:01	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
Styrene	ND		0.500	1	10/28/2023 02:01	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 02:01	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 02:01	WG2159685



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 02:01	WG2159685
Tetrachloroethene	13.8		0.500	1	10/28/2023 02:01	WG2159685
Toluene	ND		0.500	1	10/28/2023 02:01	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 02:01	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 02:01	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 02:01	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 02:01	WG2159685
Trichloroethene	1.04		0.500	1	10/28/2023 02:01	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 02:01	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 02:01	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 02:01	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 02:01	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 02:01	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 02:01	WG2159685
(S) Toluene-d8	109		80.0-120		10/28/2023 02:01	WG2159685
(S) 4-Bromofluorobenzene	101		77.0-126		10/28/2023 02:01	WG2159685
(S) 1,2-Dichloroethane-d4	98.3		70.0-130		10/28/2023 02:01	WG2159685



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	J3	25.0	1	10/28/2023 02:20	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 02:20	WG2159685
Benzene	ND		0.500	1	10/28/2023 02:20	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 02:20	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 02:20	WG2159685
Bromoform	ND		0.500	1	10/28/2023 02:20	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 02:20	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 02:20	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 02:20	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 02:20	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 02:20	WG2159685
Chloroform	ND		0.500	1	10/28/2023 02:20	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 02:20	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 02:20	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 02:20	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 02:20	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 02:20	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 02:20	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 02:20	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 02:20	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 02:20	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 02:20	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 02:20	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 02:20	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 02:20	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 02:20	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 02:20	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 02:20	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 02:20	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 02:20	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 02:20	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 02:20	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 02:20	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 02:20	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 02:20	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 02:20	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 02:20	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 02:20	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 02:20	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 02:20	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 02:20	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 02:20	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
Styrene	ND		0.500	1	10/28/2023 02:20	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 02:20	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 02:20	WG2159685

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

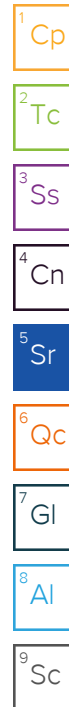
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 02:20	WG2159685
Tetrachloroethene	ND		0.500	1	10/28/2023 02:20	WG2159685
Toluene	ND		0.500	1	10/28/2023 02:20	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 02:20	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 02:20	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 02:20	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 02:20	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 02:20	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 02:20	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 02:20	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 02:20	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 02:20	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 02:20	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 02:20	WG2159685
(S) Toluene-d8	107		80.0-120		10/28/2023 02:20	WG2159685
(S) 4-Bromofluorobenzene	103		77.0-126		10/28/2023 02:20	WG2159685
(S) 1,2-Dichloroethane-d4	99.4		70.0-130		10/28/2023 02:20	WG2159685

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	34.9	J3	25.0	1	10/28/2023 02:39	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 02:39	WG2159685
Benzene	ND		0.500	1	10/28/2023 02:39	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 02:39	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 02:39	WG2159685
Bromoform	ND		0.500	1	10/28/2023 02:39	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 02:39	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 02:39	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 02:39	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 02:39	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 02:39	WG2159685
Chloroform	ND		0.500	1	10/28/2023 02:39	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 02:39	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 02:39	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 02:39	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 02:39	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 02:39	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 02:39	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 02:39	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 02:39	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 02:39	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 02:39	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 02:39	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 02:39	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 02:39	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 02:39	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 02:39	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 02:39	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 02:39	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 02:39	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 02:39	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 02:39	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 02:39	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 02:39	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 02:39	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 02:39	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 02:39	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 02:39	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 02:39	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 02:39	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 02:39	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 02:39	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
Styrene	ND		0.500	1	10/28/2023 02:39	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 02:39	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 02:39	WG2159685



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 02:39	WG2159685
Tetrachloroethene	ND		0.500	1	10/28/2023 02:39	WG2159685
Toluene	ND		0.500	1	10/28/2023 02:39	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 02:39	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 02:39	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 02:39	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 02:39	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 02:39	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 02:39	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 02:39	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 02:39	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 02:39	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 02:39	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 02:39	WG2159685
(S) Toluene-d8	109		80.0-120		10/28/2023 02:39	WG2159685
(S) 4-Bromofluorobenzene	101		77.0-126		10/28/2023 02:39	WG2159685
(S) 1,2-Dichloroethane-d4	100		70.0-130		10/28/2023 02:39	WG2159685

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J3	25.0	1	10/28/2023 02:58	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 02:58	WG2159685
Benzene	ND		0.500	1	10/28/2023 02:58	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 02:58	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 02:58	WG2159685
Bromoform	ND		0.500	1	10/28/2023 02:58	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 02:58	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 02:58	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 02:58	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 02:58	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 02:58	WG2159685
Chloroform	ND		0.500	1	10/28/2023 02:58	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 02:58	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 02:58	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 02:58	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 02:58	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 02:58	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 02:58	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 02:58	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 02:58	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 02:58	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 02:58	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 02:58	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 02:58	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 02:58	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 02:58	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 02:58	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 02:58	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 02:58	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 02:58	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 02:58	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 02:58	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 02:58	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 02:58	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 02:58	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 02:58	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 02:58	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 02:58	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 02:58	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 02:58	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 02:58	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 02:58	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
Styrene	ND		0.500	1	10/28/2023 02:58	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 02:58	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 02:58	WG2159685

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

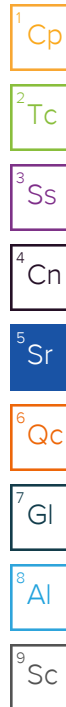
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 02:58	WG2159685
Tetrachloroethene	ND		0.500	1	10/28/2023 02:58	WG2159685
Toluene	ND		0.500	1	10/28/2023 02:58	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 02:58	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 02:58	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 02:58	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 02:58	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 02:58	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 02:58	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 02:58	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 02:58	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 02:58	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 02:58	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 02:58	WG2159685
(S) Toluene-d8	110		80.0-120		10/28/2023 02:58	WG2159685
(S) 4-Bromofluorobenzene	101		77.0-126		10/28/2023 02:58	WG2159685
(S) 1,2-Dichloroethane-d4	97.9		70.0-130		10/28/2023 02:58	WG2159685

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	J3	25.0	1	10/28/2023 03:17	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 03:17	WG2159685
Benzene	ND		0.500	1	10/28/2023 03:17	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 03:17	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 03:17	WG2159685
Bromoform	ND		0.500	1	10/28/2023 03:17	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 03:17	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 03:17	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 03:17	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 03:17	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 03:17	WG2159685
Chloroform	ND		0.500	1	10/28/2023 03:17	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 03:17	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 03:17	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 03:17	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 03:17	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 03:17	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 03:17	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 03:17	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 03:17	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 03:17	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 03:17	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 03:17	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 03:17	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 03:17	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 03:17	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 03:17	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 03:17	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 03:17	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 03:17	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 03:17	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 03:17	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 03:17	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 03:17	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 03:17	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 03:17	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 03:17	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 03:17	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 03:17	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 03:17	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 03:17	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 03:17	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
Styrene	ND		0.500	1	10/28/2023 03:17	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 03:17	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 03:17	WG2159685



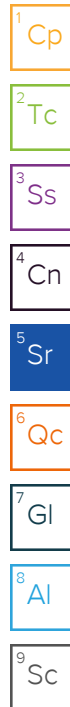
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 03:17	WG2159685
Tetrachloroethene	ND		0.500	1	10/28/2023 03:17	WG2159685
Toluene	ND		0.500	1	10/28/2023 03:17	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 03:17	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 03:17	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 03:17	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 03:17	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 03:17	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 03:17	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 03:17	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 03:17	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 03:17	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 03:17	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 03:17	WG2159685
(S) Toluene-d8	108		80.0-120		10/28/2023 03:17	WG2159685
(S) 4-Bromofluorobenzene	99.7		77.0-126		10/28/2023 03:17	WG2159685
(S) 1,2-Dichloroethane-d4	103		70.0-130		10/28/2023 03:17	WG2159685

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	J3	25.0	1	10/28/2023 03:35	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 03:35	WG2159685
Benzene	ND		0.500	1	10/28/2023 03:35	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 03:35	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 03:35	WG2159685
Bromoform	ND		0.500	1	10/28/2023 03:35	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 03:35	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 03:35	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 03:35	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 03:35	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 03:35	WG2159685
Chloroform	ND		0.500	1	10/28/2023 03:35	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 03:35	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 03:35	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 03:35	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 03:35	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 03:35	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 03:35	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 03:35	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 03:35	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 03:35	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 03:35	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 03:35	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 03:35	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 03:35	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 03:35	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 03:35	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 03:35	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 03:35	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 03:35	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 03:35	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 03:35	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 03:35	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 03:35	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 03:35	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 03:35	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 03:35	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 03:35	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 03:35	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 03:35	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 03:35	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 03:35	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
Styrene	ND		0.500	1	10/28/2023 03:35	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 03:35	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 03:35	WG2159685



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 03:35	WG2159685
Tetrachloroethene	1.07		0.500	1	10/28/2023 03:35	WG2159685
Toluene	ND		0.500	1	10/28/2023 03:35	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 03:35	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 03:35	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 03:35	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 03:35	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 03:35	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 03:35	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 03:35	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 03:35	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 03:35	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 03:35	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 03:35	WG2159685
(S) Toluene-d8	110		80.0-120		10/28/2023 03:35	WG2159685
(S) 4-Bromofluorobenzene	103		77.0-126		10/28/2023 03:35	WG2159685
(S) 1,2-Dichloroethane-d4	98.0		70.0-130		10/28/2023 03:35	WG2159685

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J3	25.0	1	10/28/2023 03:54	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 03:54	WG2159685
Benzene	ND		0.500	1	10/28/2023 03:54	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 03:54	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 03:54	WG2159685
Bromoform	ND		0.500	1	10/28/2023 03:54	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 03:54	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 03:54	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 03:54	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 03:54	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 03:54	WG2159685
Chloroform	ND		0.500	1	10/28/2023 03:54	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 03:54	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 03:54	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 03:54	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 03:54	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 03:54	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 03:54	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 03:54	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 03:54	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 03:54	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 03:54	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 03:54	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 03:54	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 03:54	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 03:54	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 03:54	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 03:54	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 03:54	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 03:54	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 03:54	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 03:54	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 03:54	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 03:54	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 03:54	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 03:54	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 03:54	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 03:54	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 03:54	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 03:54	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 03:54	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 03:54	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
Styrene	ND		0.500	1	10/28/2023 03:54	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 03:54	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 03:54	WG2159685

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

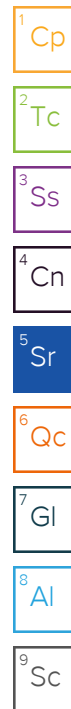
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 03:54	WG2159685
Tetrachloroethene	ND		0.500	1	10/28/2023 03:54	WG2159685
Toluene	ND		0.500	1	10/28/2023 03:54	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 03:54	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 03:54	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 03:54	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 03:54	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 03:54	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 03:54	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 03:54	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 03:54	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 03:54	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 03:54	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 03:54	WG2159685
(S) Toluene-d8	108		80.0-120		10/28/2023 03:54	WG2159685
(S) 4-Bromofluorobenzene	103		77.0-126		10/28/2023 03:54	WG2159685
(S) 1,2-Dichloroethane-d4	103		70.0-130		10/28/2023 03:54	WG2159685



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J3	25.0	1	10/28/2023 04:13	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 04:13	WG2159685
Benzene	ND		0.500	1	10/28/2023 04:13	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 04:13	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 04:13	WG2159685
Bromoform	ND		0.500	1	10/28/2023 04:13	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 04:13	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 04:13	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 04:13	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 04:13	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 04:13	WG2159685
Chloroform	ND		0.500	1	10/28/2023 04:13	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 04:13	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 04:13	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 04:13	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 04:13	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 04:13	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 04:13	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 04:13	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 04:13	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 04:13	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 04:13	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 04:13	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 04:13	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 04:13	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 04:13	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 04:13	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 04:13	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 04:13	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 04:13	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 04:13	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 04:13	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 04:13	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 04:13	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 04:13	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 04:13	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 04:13	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 04:13	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 04:13	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 04:13	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 04:13	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 04:13	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
Styrene	ND		0.500	1	10/28/2023 04:13	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 04:13	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 04:13	WG2159685

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

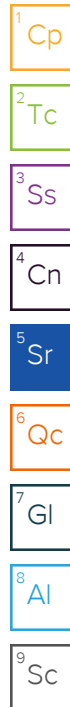
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 04:13	WG2159685
Tetrachloroethene	1.16		0.500	1	10/28/2023 04:13	WG2159685
Toluene	ND		0.500	1	10/28/2023 04:13	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 04:13	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 04:13	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 04:13	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 04:13	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 04:13	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 04:13	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 04:13	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 04:13	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 04:13	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 04:13	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 04:13	WG2159685
(S) Toluene-d8	105		80.0-120		10/28/2023 04:13	WG2159685
(S) 4-Bromofluorobenzene	102		77.0-126		10/28/2023 04:13	WG2159685
(S) 1,2-Dichloroethane-d4	102		70.0-130		10/28/2023 04:13	WG2159685

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	J3	25.0	1	10/28/2023 04:32	WG2159685
Acrylonitrile	ND		5.00	1	10/28/2023 04:32	WG2159685
Benzene	ND		0.500	1	10/28/2023 04:32	WG2159685
Bromobenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
Bromodichloromethane	ND		0.500	1	10/28/2023 04:32	WG2159685
Bromochloromethane	ND		0.500	1	10/28/2023 04:32	WG2159685
Bromoform	ND		0.500	1	10/28/2023 04:32	WG2159685
Bromomethane	ND	C3	2.50	1	10/28/2023 04:32	WG2159685
n-Butylbenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
sec-Butylbenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
tert-Butylbenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
Carbon disulfide	ND	C3	0.500	1	10/28/2023 04:32	WG2159685
Carbon tetrachloride	ND		0.500	1	10/28/2023 04:32	WG2159685
Chlorobenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
Chlorodibromomethane	ND		0.500	1	10/28/2023 04:32	WG2159685
Chloroethane	ND	C3	2.50	1	10/28/2023 04:32	WG2159685
Chloroform	ND		0.500	1	10/28/2023 04:32	WG2159685
Chloromethane	ND		1.25	1	10/28/2023 04:32	WG2159685
2-Chlorotoluene	ND		0.500	1	10/28/2023 04:32	WG2159685
4-Chlorotoluene	ND		0.500	1	10/28/2023 04:32	WG2159685
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 04:32	WG2159685
1,2-Dibromoethane	ND		0.500	1	10/28/2023 04:32	WG2159685
Dibromomethane	ND		0.500	1	10/28/2023 04:32	WG2159685
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 04:32	WG2159685
1,1-Dichloroethane	ND		0.500	1	10/28/2023 04:32	WG2159685
1,2-Dichloroethane	ND		0.500	1	10/28/2023 04:32	WG2159685
1,1-Dichloroethene	ND		0.500	1	10/28/2023 04:32	WG2159685
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 04:32	WG2159685
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 04:32	WG2159685
1,2-Dichloropropane	ND		0.500	1	10/28/2023 04:32	WG2159685
1,1-Dichloropropene	ND		0.500	1	10/28/2023 04:32	WG2159685
1,3-Dichloropropane	ND		1.00	1	10/28/2023 04:32	WG2159685
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 04:32	WG2159685
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 04:32	WG2159685
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 04:32	WG2159685
2,2-Dichloropropane	ND		0.500	1	10/28/2023 04:32	WG2159685
Di-isopropyl ether	ND		0.500	1	10/28/2023 04:32	WG2159685
Ethylbenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 04:32	WG2159685
2-Hexanone	ND		5.00	1	10/28/2023 04:32	WG2159685
n-Hexane	ND		5.00	1	10/28/2023 04:32	WG2159685
Iodomethane	ND		5.00	1	10/28/2023 04:32	WG2159685
Isopropylbenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
p-Isopropyltoluene	ND		0.500	1	10/28/2023 04:32	WG2159685
2-Butanone (MEK)	ND		5.00	1	10/28/2023 04:32	WG2159685
Methylene Chloride	ND	C3	2.50	1	10/28/2023 04:32	WG2159685
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 04:32	WG2159685
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 04:32	WG2159685
Naphthalene	ND	C3	2.50	1	10/28/2023 04:32	WG2159685
n-Propylbenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
Styrene	ND		0.500	1	10/28/2023 04:32	WG2159685
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 04:32	WG2159685
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 04:32	WG2159685



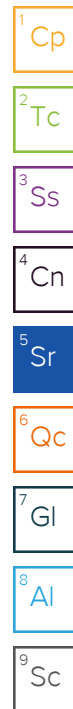
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 04:32	WG2159685
Tetrachloroethene	ND		0.500	1	10/28/2023 04:32	WG2159685
Toluene	0.635		0.500	1	10/28/2023 04:32	WG2159685
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 04:32	WG2159685
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 04:32	WG2159685
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 04:32	WG2159685
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 04:32	WG2159685
Trichloroethene	ND		0.500	1	10/28/2023 04:32	WG2159685
Trichlorofluoromethane	ND		2.50	1	10/28/2023 04:32	WG2159685
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 04:32	WG2159685
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 04:32	WG2159685
Vinyl acetate	ND		5.00	1	10/28/2023 04:32	WG2159685
Vinyl chloride	ND	C3	0.500	1	10/28/2023 04:32	WG2159685
Xylenes, Total	ND		1.50	1	10/28/2023 04:32	WG2159685
(S) Toluene-d8	109		80.0-120		10/28/2023 04:32	WG2159685
(S) 4-Bromofluorobenzene	102		77.0-126		10/28/2023 04:32	WG2159685
(S) 1,2-Dichloroethane-d4	99.9		70.0-130		10/28/2023 04:32	WG2159685

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	142		25.0	1	10/28/2023 07:24	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 07:24	WG2159687
Benzene	ND		0.500	1	10/28/2023 07:24	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 07:24	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 07:24	WG2159687
Bromoform	ND		0.500	1	10/28/2023 07:24	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 07:24	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 07:24	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 07:24	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 07:24	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 07:24	WG2159687
Chloroform	ND		0.500	1	10/28/2023 07:24	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 07:24	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 07:24	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 07:24	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 07:24	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 07:24	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 07:24	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 07:24	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 07:24	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 07:24	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 07:24	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 07:24	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 07:24	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 07:24	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 07:24	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 07:24	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 07:24	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 07:24	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 07:24	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 07:24	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 07:24	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 07:24	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 07:24	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 07:24	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 07:24	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 07:24	WG2159687
2-Butanone (MEK)	11.6		5.00	1	10/28/2023 07:24	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 07:24	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 07:24	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 07:24	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 07:24	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
Styrene	ND		0.500	1	10/28/2023 07:24	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 07:24	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 07:24	WG2159687



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 07:24	WG2159687
Tetrachloroethene	ND		0.500	1	10/28/2023 07:24	WG2159687
Toluene	0.514		0.500	1	10/28/2023 07:24	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 07:24	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 07:24	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 07:24	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 07:24	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 07:24	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 07:24	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 07:24	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 07:24	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 07:24	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 07:24	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 07:24	WG2159687
(S) Toluene-d8	109		80.0-120		10/28/2023 07:24	WG2159687
(S) 4-Bromofluorobenzene	101		77.0-126		10/28/2023 07:24	WG2159687
(S) 1,2-Dichloroethane-d4	101		70.0-130		10/28/2023 07:24	WG2159687

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	121		25.0	1	10/28/2023 07:43	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 07:43	WG2159687
Benzene	ND		0.500	1	10/28/2023 07:43	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 07:43	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 07:43	WG2159687
Bromoform	ND		0.500	1	10/28/2023 07:43	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 07:43	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 07:43	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 07:43	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 07:43	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 07:43	WG2159687
Chloroform	ND		0.500	1	10/28/2023 07:43	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 07:43	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 07:43	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 07:43	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 07:43	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 07:43	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 07:43	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 07:43	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 07:43	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 07:43	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 07:43	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 07:43	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 07:43	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 07:43	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 07:43	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 07:43	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 07:43	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 07:43	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 07:43	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 07:43	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 07:43	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 07:43	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 07:43	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 07:43	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 07:43	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 07:43	WG2159687
2-Butanone (MEK)	16.2		5.00	1	10/28/2023 07:43	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 07:43	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 07:43	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 07:43	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 07:43	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
Styrene	ND		0.500	1	10/28/2023 07:43	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 07:43	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 07:43	WG2159687

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 07:43	WG2159687
Tetrachloroethene	ND		0.500	1	10/28/2023 07:43	WG2159687
Toluene	1.50		0.500	1	10/28/2023 07:43	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 07:43	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 07:43	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 07:43	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 07:43	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 07:43	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 07:43	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 07:43	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 07:43	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 07:43	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 07:43	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 07:43	WG2159687
(S) Toluene-d8	104		80.0-120		10/28/2023 07:43	WG2159687
(S) 4-Bromofluorobenzene	100		77.0-126		10/28/2023 07:43	WG2159687
(S) 1,2-Dichloroethane-d4	103		70.0-130		10/28/2023 07:43	WG2159687

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/28/2023 08:02	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 08:02	WG2159687
Benzene	ND		0.500	1	10/28/2023 08:02	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 08:02	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 08:02	WG2159687
Bromoform	ND		0.500	1	10/28/2023 08:02	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 08:02	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 08:02	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 08:02	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 08:02	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 08:02	WG2159687
Chloroform	ND		0.500	1	10/28/2023 08:02	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 08:02	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 08:02	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 08:02	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 08:02	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 08:02	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 08:02	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 08:02	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 08:02	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 08:02	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 08:02	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 08:02	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 08:02	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 08:02	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 08:02	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 08:02	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 08:02	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 08:02	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 08:02	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 08:02	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 08:02	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 08:02	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 08:02	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 08:02	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 08:02	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 08:02	WG2159687
2-Butanone (MEK)	ND		5.00	1	10/28/2023 08:02	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 08:02	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 08:02	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 08:02	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 08:02	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
Styrene	ND		0.500	1	10/28/2023 08:02	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 08:02	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 08:02	WG2159687

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

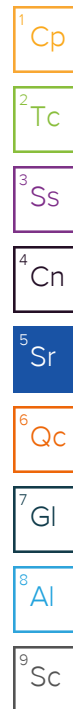
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 08:02	WG2159687
Tetrachloroethene	ND		0.500	1	10/28/2023 08:02	WG2159687
Toluene	ND		0.500	1	10/28/2023 08:02	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 08:02	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 08:02	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 08:02	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 08:02	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 08:02	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 08:02	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 08:02	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 08:02	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 08:02	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 08:02	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 08:02	WG2159687
(S) Toluene-d8	109		80.0-120		10/28/2023 08:02	WG2159687
(S) 4-Bromofluorobenzene	103		77.0-126		10/28/2023 08:02	WG2159687
(S) 1,2-Dichloroethane-d4	102		70.0-130		10/28/2023 08:02	WG2159687

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/28/2023 08:21	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 08:21	WG2159687
Benzene	ND		0.500	1	10/28/2023 08:21	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 08:21	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 08:21	WG2159687
Bromoform	ND		0.500	1	10/28/2023 08:21	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 08:21	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 08:21	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 08:21	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 08:21	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 08:21	WG2159687
Chloroform	ND		0.500	1	10/28/2023 08:21	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 08:21	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 08:21	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 08:21	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 08:21	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 08:21	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 08:21	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 08:21	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 08:21	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 08:21	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 08:21	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 08:21	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 08:21	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 08:21	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 08:21	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 08:21	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 08:21	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 08:21	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 08:21	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 08:21	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 08:21	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 08:21	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 08:21	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 08:21	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 08:21	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 08:21	WG2159687
2-Butanone (MEK)	ND		5.00	1	10/28/2023 08:21	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 08:21	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 08:21	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 08:21	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 08:21	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
Styrene	ND		0.500	1	10/28/2023 08:21	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 08:21	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 08:21	WG2159687



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 08:21	WG2159687
Tetrachloroethene	0.860		0.500	1	10/28/2023 08:21	WG2159687
Toluene	ND		0.500	1	10/28/2023 08:21	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 08:21	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 08:21	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 08:21	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 08:21	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 08:21	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 08:21	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 08:21	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 08:21	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 08:21	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 08:21	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 08:21	WG2159687
(S) Toluene-d8	107		80.0-120		10/28/2023 08:21	WG2159687
(S) 4-Bromofluorobenzene	99.3		77.0-126		10/28/2023 08:21	WG2159687
(S) 1,2-Dichloroethane-d4	99.9		70.0-130		10/28/2023 08:21	WG2159687

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/28/2023 08:40	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 08:40	WG2159687
Benzene	ND		0.500	1	10/28/2023 08:40	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 08:40	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 08:40	WG2159687
Bromoform	ND		0.500	1	10/28/2023 08:40	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 08:40	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 08:40	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 08:40	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 08:40	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 08:40	WG2159687
Chloroform	ND		0.500	1	10/28/2023 08:40	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 08:40	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 08:40	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 08:40	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 08:40	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 08:40	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 08:40	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 08:40	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 08:40	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 08:40	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 08:40	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 08:40	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 08:40	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 08:40	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 08:40	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 08:40	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 08:40	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 08:40	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 08:40	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 08:40	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 08:40	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 08:40	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 08:40	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 08:40	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 08:40	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 08:40	WG2159687
2-Butanone (MEK)	ND		5.00	1	10/28/2023 08:40	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 08:40	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 08:40	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 08:40	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 08:40	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
Styrene	ND		0.500	1	10/28/2023 08:40	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 08:40	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 08:40	WG2159687

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

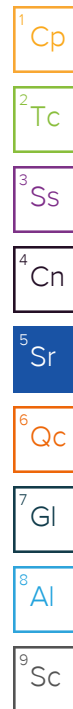
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 08:40	WG2159687
Tetrachloroethene	5.37		0.500	1	10/28/2023 08:40	WG2159687
Toluene	ND		0.500	1	10/28/2023 08:40	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 08:40	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 08:40	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 08:40	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 08:40	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 08:40	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 08:40	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 08:40	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 08:40	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 08:40	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 08:40	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 08:40	WG2159687
(S) Toluene-d8	105		80.0-120		10/28/2023 08:40	WG2159687
(S) 4-Bromofluorobenzene	101		77.0-126		10/28/2023 08:40	WG2159687
(S) 1,2-Dichloroethane-d4	104		70.0-130		10/28/2023 08:40	WG2159687

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/28/2023 08:59	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 08:59	WG2159687
Benzene	ND		0.500	1	10/28/2023 08:59	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 08:59	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 08:59	WG2159687
Bromoform	ND		0.500	1	10/28/2023 08:59	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 08:59	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 08:59	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 08:59	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 08:59	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 08:59	WG2159687
Chloroform	ND		0.500	1	10/28/2023 08:59	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 08:59	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 08:59	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 08:59	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 08:59	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 08:59	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 08:59	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 08:59	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 08:59	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 08:59	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 08:59	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 08:59	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 08:59	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 08:59	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 08:59	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 08:59	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 08:59	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 08:59	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 08:59	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 08:59	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 08:59	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 08:59	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 08:59	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 08:59	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 08:59	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 08:59	WG2159687
2-Butanone (MEK)	ND		5.00	1	10/28/2023 08:59	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 08:59	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 08:59	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 08:59	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 08:59	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
Styrene	ND		0.500	1	10/28/2023 08:59	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 08:59	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 08:59	WG2159687



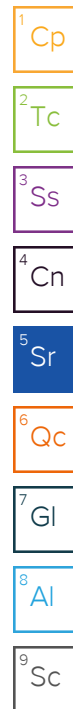
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 08:59	WG2159687
Tetrachloroethene	4.60		0.500	1	10/28/2023 08:59	WG2159687
Toluene	ND		0.500	1	10/28/2023 08:59	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 08:59	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 08:59	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 08:59	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 08:59	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 08:59	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 08:59	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 08:59	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 08:59	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 08:59	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 08:59	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 08:59	WG2159687
(S) Toluene-d8	107		80.0-120		10/28/2023 08:59	WG2159687
(S) 4-Bromofluorobenzene	101		77.0-126		10/28/2023 08:59	WG2159687
(S) 1,2-Dichloroethane-d4	101		70.0-130		10/28/2023 08:59	WG2159687

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/28/2023 09:18	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 09:18	WG2159687
Benzene	ND		0.500	1	10/28/2023 09:18	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 09:18	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 09:18	WG2159687
Bromoform	ND		0.500	1	10/28/2023 09:18	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 09:18	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 09:18	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 09:18	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 09:18	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 09:18	WG2159687
Chloroform	ND		0.500	1	10/28/2023 09:18	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 09:18	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 09:18	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 09:18	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 09:18	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 09:18	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 09:18	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 09:18	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 09:18	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 09:18	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 09:18	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 09:18	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 09:18	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 09:18	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 09:18	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 09:18	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 09:18	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 09:18	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 09:18	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 09:18	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 09:18	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 09:18	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 09:18	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 09:18	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 09:18	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 09:18	WG2159687
2-Butanone (MEK)	ND		5.00	1	10/28/2023 09:18	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 09:18	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 09:18	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 09:18	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 09:18	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
Styrene	ND		0.500	1	10/28/2023 09:18	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 09:18	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 09:18	WG2159687



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 09:18	WG2159687
Tetrachloroethene	2.33		0.500	1	10/28/2023 09:18	WG2159687
Toluene	ND		0.500	1	10/28/2023 09:18	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 09:18	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 09:18	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 09:18	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 09:18	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 09:18	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 09:18	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 09:18	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 09:18	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 09:18	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 09:18	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 09:18	WG2159687
(S) Toluene-d8	107		80.0-120		10/28/2023 09:18	WG2159687
(S) 4-Bromofluorobenzene	101		77.0-126		10/28/2023 09:18	WG2159687
(S) 1,2-Dichloroethane-d4	104		70.0-130		10/28/2023 09:18	WG2159687

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/28/2023 09:38	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 09:38	WG2159687
Benzene	ND		0.500	1	10/28/2023 09:38	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 09:38	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 09:38	WG2159687
Bromoform	ND		0.500	1	10/28/2023 09:38	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 09:38	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 09:38	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 09:38	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 09:38	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 09:38	WG2159687
Chloroform	ND		0.500	1	10/28/2023 09:38	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 09:38	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 09:38	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 09:38	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 09:38	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 09:38	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 09:38	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 09:38	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 09:38	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 09:38	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 09:38	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 09:38	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 09:38	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 09:38	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 09:38	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 09:38	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 09:38	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 09:38	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 09:38	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 09:38	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 09:38	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 09:38	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 09:38	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 09:38	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 09:38	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 09:38	WG2159687
2-Butanone (MEK)	ND		5.00	1	10/28/2023 09:38	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 09:38	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 09:38	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 09:38	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 09:38	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
Styrene	ND		0.500	1	10/28/2023 09:38	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 09:38	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 09:38	WG2159687

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 09:38	WG2159687
Tetrachloroethene	ND		0.500	1	10/28/2023 09:38	WG2159687
Toluene	ND		0.500	1	10/28/2023 09:38	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 09:38	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 09:38	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 09:38	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 09:38	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 09:38	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 09:38	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 09:38	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 09:38	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 09:38	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 09:38	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 09:38	WG2159687
(S) Toluene-d8	106		80.0-120		10/28/2023 09:38	WG2159687
(S) 4-Bromofluorobenzene	100		77.0-126		10/28/2023 09:38	WG2159687
(S) 1,2-Dichloroethane-d4	100		70.0-130		10/28/2023 09:38	WG2159687

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	199		25.0	1	10/28/2023 09:57	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 09:57	WG2159687
Benzene	ND		0.500	1	10/28/2023 09:57	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 09:57	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 09:57	WG2159687
Bromoform	ND		0.500	1	10/28/2023 09:57	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 09:57	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 09:57	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 09:57	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 09:57	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 09:57	WG2159687
Chloroform	ND		0.500	1	10/28/2023 09:57	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 09:57	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 09:57	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 09:57	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 09:57	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 09:57	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 09:57	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 09:57	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 09:57	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 09:57	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 09:57	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 09:57	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 09:57	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 09:57	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 09:57	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 09:57	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 09:57	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 09:57	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 09:57	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 09:57	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 09:57	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 09:57	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 09:57	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 09:57	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 09:57	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 09:57	WG2159687
2-Butanone (MEK)	ND		5.00	1	10/28/2023 09:57	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 09:57	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 09:57	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 09:57	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 09:57	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
Styrene	ND		0.500	1	10/28/2023 09:57	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 09:57	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 09:57	WG2159687

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 09:57	WG2159687
Tetrachloroethene	ND		0.500	1	10/28/2023 09:57	WG2159687
Toluene	ND		0.500	1	10/28/2023 09:57	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 09:57	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 09:57	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 09:57	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 09:57	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 09:57	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 09:57	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 09:57	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 09:57	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 09:57	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 09:57	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 09:57	WG2159687
(S) Toluene-d8	109		80.0-120		10/28/2023 09:57	WG2159687
(S) 4-Bromofluorobenzene	99.7		77.0-126		10/28/2023 09:57	WG2159687
(S) 1,2-Dichloroethane-d4	103		70.0-130		10/28/2023 09:57	WG2159687

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	315		25.0	1	10/28/2023 10:16	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 10:16	WG2159687
Benzene	ND		0.500	1	10/28/2023 10:16	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 10:16	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 10:16	WG2159687
Bromoform	ND		0.500	1	10/28/2023 10:16	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 10:16	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 10:16	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 10:16	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 10:16	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 10:16	WG2159687
Chloroform	ND		0.500	1	10/28/2023 10:16	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 10:16	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 10:16	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 10:16	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 10:16	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 10:16	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 10:16	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 10:16	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 10:16	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 10:16	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 10:16	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 10:16	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 10:16	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 10:16	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 10:16	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 10:16	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 10:16	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 10:16	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 10:16	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 10:16	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 10:16	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 10:16	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 10:16	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 10:16	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 10:16	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 10:16	WG2159687
2-Butanone (MEK)	ND		5.00	1	10/28/2023 10:16	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 10:16	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 10:16	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 10:16	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 10:16	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
Styrene	ND		0.500	1	10/28/2023 10:16	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 10:16	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 10:16	WG2159687

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

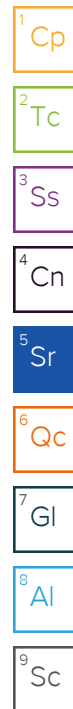
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 10:16	WG2159687
Tetrachloroethene	ND		0.500	1	10/28/2023 10:16	WG2159687
Toluene	ND		0.500	1	10/28/2023 10:16	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 10:16	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 10:16	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 10:16	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 10:16	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 10:16	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 10:16	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 10:16	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 10:16	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 10:16	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 10:16	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 10:16	WG2159687
(S) Toluene-d8	107		80.0-120		10/28/2023 10:16	WG2159687
(S) 4-Bromofluorobenzene	101		77.0-126		10/28/2023 10:16	WG2159687
(S) 1,2-Dichloroethane-d4	103		70.0-130		10/28/2023 10:16	WG2159687

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	440		25.0	1	10/28/2023 10:35	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 10:35	WG2159687
Benzene	ND		0.500	1	10/28/2023 10:35	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 10:35	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 10:35	WG2159687
Bromoform	ND		0.500	1	10/28/2023 10:35	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 10:35	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 10:35	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 10:35	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 10:35	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 10:35	WG2159687
Chloroform	ND		0.500	1	10/28/2023 10:35	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 10:35	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 10:35	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 10:35	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 10:35	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 10:35	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 10:35	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 10:35	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 10:35	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 10:35	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 10:35	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 10:35	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 10:35	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 10:35	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 10:35	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 10:35	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 10:35	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 10:35	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 10:35	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 10:35	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 10:35	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 10:35	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 10:35	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 10:35	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 10:35	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 10:35	WG2159687
2-Butanone (MEK)	ND		5.00	1	10/28/2023 10:35	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 10:35	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 10:35	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 10:35	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 10:35	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
Styrene	ND		0.500	1	10/28/2023 10:35	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 10:35	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 10:35	WG2159687



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 10:35	WG2159687
Tetrachloroethene	ND		0.500	1	10/28/2023 10:35	WG2159687
Toluene	ND		0.500	1	10/28/2023 10:35	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 10:35	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 10:35	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 10:35	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 10:35	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 10:35	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 10:35	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 10:35	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 10:35	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 10:35	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 10:35	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 10:35	WG2159687
(S) Toluene-d8	107		80.0-120		10/28/2023 10:35	WG2159687
(S) 4-Bromofluorobenzene	102		77.0-126		10/28/2023 10:35	WG2159687
(S) 1,2-Dichloroethane-d4	103		70.0-130		10/28/2023 10:35	WG2159687

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	201		25.0	1	10/28/2023 10:54	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 10:54	WG2159687
Benzene	ND		0.500	1	10/28/2023 10:54	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 10:54	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 10:54	WG2159687
Bromoform	ND		0.500	1	10/28/2023 10:54	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 10:54	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 10:54	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 10:54	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 10:54	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 10:54	WG2159687
Chloroform	ND		0.500	1	10/28/2023 10:54	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 10:54	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 10:54	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 10:54	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 10:54	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 10:54	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 10:54	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 10:54	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 10:54	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 10:54	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 10:54	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 10:54	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 10:54	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 10:54	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 10:54	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 10:54	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 10:54	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 10:54	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 10:54	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 10:54	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 10:54	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 10:54	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 10:54	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 10:54	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 10:54	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 10:54	WG2159687
2-Butanone (MEK)	ND		5.00	1	10/28/2023 10:54	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 10:54	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 10:54	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 10:54	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 10:54	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
Styrene	ND		0.500	1	10/28/2023 10:54	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 10:54	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 10:54	WG2159687

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 10:54	WG2159687
Tetrachloroethene	ND		0.500	1	10/28/2023 10:54	WG2159687
Toluene	ND		0.500	1	10/28/2023 10:54	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 10:54	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 10:54	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 10:54	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 10:54	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 10:54	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 10:54	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 10:54	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 10:54	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 10:54	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 10:54	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 10:54	WG2159687
(S) Toluene-d8	108		80.0-120		10/28/2023 10:54	WG2159687
(S) 4-Bromofluorobenzene	102		77.0-126		10/28/2023 10:54	WG2159687
(S) 1,2-Dichloroethane-d4	104		70.0-130		10/28/2023 10:54	WG2159687

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	97.1		25.0	1	10/28/2023 11:13	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 11:13	WG2159687
Benzene	ND		0.500	1	10/28/2023 11:13	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 11:13	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 11:13	WG2159687
Bromoform	ND		0.500	1	10/28/2023 11:13	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 11:13	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 11:13	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 11:13	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 11:13	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 11:13	WG2159687
Chloroform	ND		0.500	1	10/28/2023 11:13	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 11:13	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 11:13	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 11:13	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 11:13	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 11:13	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 11:13	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 11:13	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 11:13	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 11:13	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 11:13	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 11:13	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 11:13	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 11:13	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 11:13	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 11:13	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 11:13	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 11:13	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 11:13	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 11:13	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 11:13	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 11:13	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 11:13	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 11:13	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 11:13	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 11:13	WG2159687
2-Butanone (MEK)	ND		5.00	1	10/28/2023 11:13	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 11:13	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 11:13	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 11:13	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 11:13	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
Styrene	ND		0.500	1	10/28/2023 11:13	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 11:13	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 11:13	WG2159687

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 11:13	WG2159687
Tetrachloroethene	ND		0.500	1	10/28/2023 11:13	WG2159687
Toluene	ND		0.500	1	10/28/2023 11:13	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 11:13	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 11:13	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 11:13	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 11:13	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 11:13	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 11:13	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 11:13	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 11:13	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 11:13	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 11:13	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 11:13	WG2159687
(S) Toluene-d8	106		80.0-120		10/28/2023 11:13	WG2159687
(S) 4-Bromofluorobenzene	102		77.0-126		10/28/2023 11:13	WG2159687
(S) 1,2-Dichloroethane-d4	107		70.0-130		10/28/2023 11:13	WG2159687

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	10/28/2023 11:32	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 11:32	WG2159687
Benzene	ND		0.500	1	10/28/2023 11:32	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 11:32	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 11:32	WG2159687
Bromoform	ND		0.500	1	10/28/2023 11:32	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 11:32	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 11:32	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 11:32	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 11:32	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 11:32	WG2159687
Chloroform	ND		0.500	1	10/28/2023 11:32	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 11:32	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 11:32	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 11:32	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 11:32	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 11:32	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 11:32	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 11:32	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 11:32	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 11:32	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 11:32	WG2159687
cis-1,2-Dichloroethene	14.8		0.500	1	10/28/2023 11:32	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 11:32	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 11:32	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 11:32	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 11:32	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 11:32	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 11:32	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 11:32	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 11:32	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 11:32	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 11:32	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 11:32	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 11:32	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 11:32	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 11:32	WG2159687
2-Butanone (MEK)	ND		5.00	1	10/28/2023 11:32	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 11:32	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 11:32	WG2159687
Methyl tert-butyl ether	13.4		0.500	1	10/28/2023 11:32	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 11:32	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
Styrene	ND		0.500	1	10/28/2023 11:32	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 11:32	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 11:32	WG2159687

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 11:32	WG2159687
Tetrachloroethene	35.9		0.500	1	10/28/2023 11:32	WG2159687
Toluene	ND		0.500	1	10/28/2023 11:32	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 11:32	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 11:32	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 11:32	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 11:32	WG2159687
Trichloroethene	7.58		0.500	1	10/28/2023 11:32	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 11:32	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 11:32	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 11:32	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 11:32	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 11:32	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 11:32	WG2159687
(S) Toluene-d8	110		80.0-120		10/28/2023 11:32	WG2159687
(S) 4-Bromofluorobenzene	99.6		77.0-126		10/28/2023 11:32	WG2159687
(S) 1,2-Dichloroethane-d4	103		70.0-130		10/28/2023 11:32	WG2159687

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		25.0	1	10/28/2023 11:51	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 11:51	WG2159687
Benzene	ND		0.500	1	10/28/2023 11:51	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 11:51	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 11:51	WG2159687
Bromoform	ND		0.500	1	10/28/2023 11:51	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 11:51	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 11:51	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 11:51	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 11:51	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 11:51	WG2159687
Chloroform	ND		0.500	1	10/28/2023 11:51	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 11:51	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 11:51	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 11:51	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 11:51	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 11:51	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 11:51	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 11:51	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 11:51	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 11:51	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 11:51	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 11:51	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 11:51	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 11:51	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 11:51	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 11:51	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 11:51	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 11:51	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 11:51	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 11:51	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 11:51	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 11:51	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 11:51	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 11:51	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 11:51	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 11:51	WG2159687
2-Butanone (MEK)	ND		5.00	1	10/28/2023 11:51	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 11:51	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 11:51	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 11:51	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 11:51	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
Styrene	ND		0.500	1	10/28/2023 11:51	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 11:51	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 11:51	WG2159687

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 11:51	WG2159687
Tetrachloroethene	ND		0.500	1	10/28/2023 11:51	WG2159687
Toluene	ND		0.500	1	10/28/2023 11:51	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 11:51	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 11:51	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 11:51	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 11:51	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 11:51	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 11:51	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 11:51	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 11:51	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 11:51	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 11:51	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 11:51	WG2159687
(S) Toluene-d8	110		80.0-120		10/28/2023 11:51	WG2159687
(S) 4-Bromofluorobenzene	102		77.0-126		10/28/2023 11:51	WG2159687
(S) 1,2-Dichloroethane-d4	103		70.0-130		10/28/2023 11:51	WG2159687

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	89.9		25.0	1	10/28/2023 12:10	WG2159687
Acrylonitrile	ND		5.00	1	10/28/2023 12:10	WG2159687
Benzene	ND		0.500	1	10/28/2023 12:10	WG2159687
Bromobenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
Bromodichloromethane	ND		0.500	1	10/28/2023 12:10	WG2159687
Bromochloromethane	ND		0.500	1	10/28/2023 12:10	WG2159687
Bromoform	ND		0.500	1	10/28/2023 12:10	WG2159687
Bromomethane	ND	C3	2.50	1	10/28/2023 12:10	WG2159687
n-Butylbenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
sec-Butylbenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
tert-Butylbenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
Carbon disulfide	ND	C3	0.500	1	10/28/2023 12:10	WG2159687
Carbon tetrachloride	ND		0.500	1	10/28/2023 12:10	WG2159687
Chlorobenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
Chlorodibromomethane	ND		0.500	1	10/28/2023 12:10	WG2159687
Chloroethane	ND	C3	2.50	1	10/28/2023 12:10	WG2159687
Chloroform	ND		0.500	1	10/28/2023 12:10	WG2159687
Chloromethane	ND		1.25	1	10/28/2023 12:10	WG2159687
2-Chlorotoluene	ND		0.500	1	10/28/2023 12:10	WG2159687
4-Chlorotoluene	ND		0.500	1	10/28/2023 12:10	WG2159687
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 12:10	WG2159687
1,2-Dibromoethane	ND		0.500	1	10/28/2023 12:10	WG2159687
Dibromomethane	ND		0.500	1	10/28/2023 12:10	WG2159687
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 12:10	WG2159687
1,1-Dichloroethane	ND		0.500	1	10/28/2023 12:10	WG2159687
1,2-Dichloroethane	ND		0.500	1	10/28/2023 12:10	WG2159687
1,1-Dichloroethene	ND		0.500	1	10/28/2023 12:10	WG2159687
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 12:10	WG2159687
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 12:10	WG2159687
1,2-Dichloropropane	ND		0.500	1	10/28/2023 12:10	WG2159687
1,1-Dichloropropene	ND		0.500	1	10/28/2023 12:10	WG2159687
1,3-Dichloropropane	ND		1.00	1	10/28/2023 12:10	WG2159687
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 12:10	WG2159687
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 12:10	WG2159687
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 12:10	WG2159687
2,2-Dichloropropane	ND		0.500	1	10/28/2023 12:10	WG2159687
Di-isopropyl ether	ND		0.500	1	10/28/2023 12:10	WG2159687
Ethylbenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 12:10	WG2159687
2-Hexanone	ND		5.00	1	10/28/2023 12:10	WG2159687
n-Hexane	ND		5.00	1	10/28/2023 12:10	WG2159687
Iodomethane	ND		5.00	1	10/28/2023 12:10	WG2159687
Isopropylbenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
p-Isopropyltoluene	ND		0.500	1	10/28/2023 12:10	WG2159687
2-Butanone (MEK)	8.47		5.00	1	10/28/2023 12:10	WG2159687
Methylene Chloride	ND		2.50	1	10/28/2023 12:10	WG2159687
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 12:10	WG2159687
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 12:10	WG2159687
Naphthalene	ND	C3	2.50	1	10/28/2023 12:10	WG2159687
n-Propylbenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
Styrene	ND		0.500	1	10/28/2023 12:10	WG2159687
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 12:10	WG2159687
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 12:10	WG2159687

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 12:10	WG2159687
Tetrachloroethene	1.09		0.500	1	10/28/2023 12:10	WG2159687
Toluene	ND		0.500	1	10/28/2023 12:10	WG2159687
1,2,3-Trichlorobenzene	ND	C3	0.500	1	10/28/2023 12:10	WG2159687
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 12:10	WG2159687
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 12:10	WG2159687
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 12:10	WG2159687
Trichloroethene	ND		0.500	1	10/28/2023 12:10	WG2159687
Trichlorofluoromethane	ND		2.50	1	10/28/2023 12:10	WG2159687
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 12:10	WG2159687
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 12:10	WG2159687
Vinyl acetate	ND		5.00	1	10/28/2023 12:10	WG2159687
Vinyl chloride	ND		0.500	1	10/28/2023 12:10	WG2159687
Xylenes, Total	ND		1.50	1	10/28/2023 12:10	WG2159687
(S) Toluene-d8	109		80.0-120		10/28/2023 12:10	WG2159687
(S) 4-Bromofluorobenzene	99.6		77.0-126		10/28/2023 12:10	WG2159687
(S) 1,2-Dichloroethane-d4	101		70.0-130		10/28/2023 12:10	WG2159687

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	25.0	1	10/28/2023 12:34	WG2159874
Acrylonitrile	ND		5.00	1	10/28/2023 12:34	WG2159874
Benzene	ND		0.500	1	10/28/2023 12:34	WG2159874
Bromobenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
Bromodichloromethane	ND		0.500	1	10/28/2023 12:34	WG2159874
Bromochloromethane	ND		0.500	1	10/28/2023 12:34	WG2159874
Bromoform	ND		0.500	1	10/28/2023 12:34	WG2159874
Bromomethane	ND		2.50	1	10/28/2023 12:34	WG2159874
n-Butylbenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
sec-Butylbenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
tert-Butylbenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
Carbon disulfide	ND		0.500	1	10/28/2023 12:34	WG2159874
Carbon tetrachloride	ND		0.500	1	10/28/2023 12:34	WG2159874
Chlorobenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
Chlorodibromomethane	ND		0.500	1	10/28/2023 12:34	WG2159874
Chloroethane	ND		2.50	1	10/28/2023 12:34	WG2159874
Chloroform	ND		0.500	1	10/28/2023 12:34	WG2159874
Chloromethane	ND		1.25	1	10/28/2023 12:34	WG2159874
2-Chlorotoluene	ND		0.500	1	10/28/2023 12:34	WG2159874
4-Chlorotoluene	ND		0.500	1	10/28/2023 12:34	WG2159874
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 12:34	WG2159874
1,2-Dibromoethane	ND		0.500	1	10/28/2023 12:34	WG2159874
Dibromomethane	ND	C3 J4	0.500	1	10/28/2023 12:34	WG2159874
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 12:34	WG2159874
1,1-Dichloroethane	ND		0.500	1	10/28/2023 12:34	WG2159874
1,2-Dichloroethane	ND	C3	0.500	1	10/28/2023 12:34	WG2159874
1,1-Dichloroethene	ND		0.500	1	10/28/2023 12:34	WG2159874
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 12:34	WG2159874
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 12:34	WG2159874
1,2-Dichloropropane	ND		0.500	1	10/28/2023 12:34	WG2159874
1,1-Dichloropropene	ND		0.500	1	10/28/2023 12:34	WG2159874
1,3-Dichloropropane	ND		1.00	1	10/28/2023 12:34	WG2159874
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 12:34	WG2159874
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 12:34	WG2159874
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 12:34	WG2159874
2,2-Dichloropropane	ND		0.500	1	10/28/2023 12:34	WG2159874
Di-isopropyl ether	ND		0.500	1	10/28/2023 12:34	WG2159874
Ethylbenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 12:34	WG2159874
2-Hexanone	ND		5.00	1	10/28/2023 12:34	WG2159874
n-Hexane	ND		5.00	1	10/28/2023 12:34	WG2159874
Iodomethane	ND		5.00	1	10/28/2023 12:34	WG2159874
Isopropylbenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
p-Isopropyltoluene	ND		0.500	1	10/28/2023 12:34	WG2159874
2-Butanone (MEK)	ND	C3	5.00	1	10/28/2023 12:34	WG2159874
Methylene Chloride	ND		2.50	1	10/28/2023 12:34	WG2159874
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 12:34	WG2159874
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 12:34	WG2159874
Naphthalene	ND	C3	2.50	1	10/28/2023 12:34	WG2159874
n-Propylbenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
Styrene	ND		0.500	1	10/28/2023 12:34	WG2159874
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 12:34	WG2159874
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 12:34	WG2159874

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 12:34	WG2159874
Tetrachloroethene	ND		0.500	1	10/28/2023 12:34	WG2159874
Toluene	ND		0.500	1	10/28/2023 12:34	WG2159874
1,2,3-Trichlorobenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 12:34	WG2159874
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 12:34	WG2159874
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 12:34	WG2159874
Trichloroethene	ND		0.500	1	10/28/2023 12:34	WG2159874
Trichlorofluoromethane	ND		2.50	1	10/28/2023 12:34	WG2159874
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 12:34	WG2159874
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 12:34	WG2159874
Vinyl acetate	ND	C3	5.00	1	10/28/2023 12:34	WG2159874
Vinyl chloride	ND		0.500	1	10/28/2023 12:34	WG2159874
Xylenes, Total	ND		1.50	1	10/28/2023 12:34	WG2159874
(S) Toluene-d8	116		80.0-120		10/28/2023 12:34	WG2159874
(S) 4-Bromofluorobenzene	87.8		77.0-126		10/28/2023 12:34	WG2159874
(S) 1,2-Dichloroethane-d4	90.3		70.0-130		10/28/2023 12:34	WG2159874

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Method Blank (MB)

(MB) R3993186-3 10/27/23 22:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromochloromethane	U		0.128	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
trans-1,4-Dichloro-2-butene	U		0.467	5.00
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3993186-3 10/27/23 22:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.137	0.500
Hexachloro-1,3-butadiene	U		0.337	1.00
2-Hexanone	U		0.787	5.00
n-Hexane	U		0.749	5.00
Iodomethane	U		0.554	5.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl acetate	U		0.692	5.00
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	110			80.0-120
(S) 4-Bromofluorobenzene	101			77.0-126
(S) 1,2-Dichloroethane-d4	95.9			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3993186-1 10/27/23 20:47 • (LCSD) R3993186-2 10/27/23 21:06

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 %
Acetone	25.0	21.0	15.6	84.0	62.4	19.0-160		J3	29.5	27
Acrylonitrile	25.0	24.1	22.7	96.4	90.8	55.0-149			5.98	20
Benzene	5.00	4.58	4.70	91.6	94.0	70.0-123			2.59	20
Bromobenzene	5.00	5.28	5.26	106	105	73.0-121			0.380	20
Bromodichloromethane	5.00	4.47	4.66	89.4	93.2	75.0-120			4.16	20
Bromochloromethane	5.00	5.18	5.19	104	104	76.0-122			0.193	20
Bromoform	5.00	5.21	5.23	104	105	68.0-132			0.383	20
Bromomethane	5.00	3.33	3.80	66.6	76.0	10.0-160			13.2	25
n-Butylbenzene	5.00	4.61	4.92	92.2	98.4	73.0-125			6.51	20
sec-Butylbenzene	5.00	4.50	4.79	90.0	95.8	75.0-125			6.24	20
tert-Butylbenzene	5.00	4.72	5.02	94.4	100	76.0-124			6.16	20
Carbon disulfide	5.00	3.25	3.40	65.0	68.0	61.0-128			4.51	20
Carbon tetrachloride	5.00	5.18	5.04	104	101	68.0-126			2.74	20
Chlorobenzene	5.00	5.39	5.43	108	109	80.0-121			0.739	20
Chlorodibromomethane	5.00	5.62	5.71	112	114	77.0-125			1.59	20
Chloroethane	5.00	3.31	3.38	66.2	67.6	47.0-150			2.09	20
Chloroform	5.00	4.57	4.43	91.4	88.6	73.0-120			3.11	20
Chloromethane	5.00	4.50	4.60	90.0	92.0	41.0-142			2.20	20
2-Chlorotoluene	5.00	5.15	5.10	103	102	76.0-123			0.976	20
4-Chlorotoluene	5.00	4.75	4.82	95.0	96.4	75.0-122			1.46	20
1,2-Dibromo-3-Chloropropane	5.00	4.43	4.57	88.6	91.4	58.0-134			3.11	20
1,2-Dibromoethane	5.00	5.56	5.24	111	105	80.0-122			5.93	20
Dibromomethane	5.00	4.41	4.46	88.2	89.2	80.0-120			1.13	20
1,2-Dichlorobenzene	5.00	5.29	5.40	106	108	79.0-121			2.06	20
1,3-Dichlorobenzene	5.00	5.19	5.35	104	107	79.0-120			3.04	20
1,4-Dichlorobenzene	5.00	5.10	5.17	102	103	79.0-120			1.36	20
Dichlorodifluoromethane	5.00	4.30	3.97	86.0	79.4	51.0-149			7.98	20
1,1-Dichloroethane	5.00	4.50	4.61	90.0	92.2	70.0-126			2.41	20
1,2-Dichloroethane	5.00	4.25	4.39	85.0	87.8	70.0-128			3.24	20
1,1-Dichloroethene	5.00	4.61	4.59	92.2	91.8	71.0-124			0.435	20
cis-1,2-Dichloroethene	5.00	4.38	4.54	87.6	90.8	73.0-120			3.59	20
trans-1,2-Dichloroethene	5.00	4.35	4.46	87.0	89.2	73.0-120			2.50	20
1,2-Dichloropropane	5.00	4.69	4.80	93.8	96.0	77.0-125			2.32	20
1,1-Dichloropropene	5.00	4.44	4.38	88.8	87.6	74.0-126			1.36	20
1,3-Dichloropropane	5.00	5.04	4.91	101	98.2	80.0-120			2.61	20
cis-1,3-Dichloropropene	5.00	4.62	4.65	92.4	93.0	80.0-123			0.647	20
trans-1,3-Dichloropropene	5.00	4.98	4.76	99.6	95.2	78.0-124			4.52	20
trans-1,4-Dichloro-2-butene	5.00	4.65	5.05	93.0	101	33.0-144			8.25	20
2,2-Dichloropropane	5.00	4.06	4.22	81.2	84.4	58.0-130			3.86	20
Di-isopropyl ether	5.00	5.40	5.43	108	109	58.0-138			0.554	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R3993186-1 10/27/23 20:47 • (LCSD) R3993186-2 10/27/23 21:06

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Ethylbenzene	5.00	5.36	5.08	107	102	79.0-123			5.36	20
Hexachloro-1,3-butadiene	5.00	4.37	4.45	87.4	89.0	54.0-138			1.81	20
2-Hexanone	25.0	28.1	26.9	112	108	67.0-149			4.36	20
n-Hexane	5.00	4.54	4.59	90.8	91.8	57.0-133			1.10	20
Iodomethane	25.0	23.1	22.9	92.4	91.6	33.0-147			0.870	26
Isopropylbenzene	5.00	5.11	5.06	102	101	76.0-127			0.983	20
p-Isopropyltoluene	5.00	4.63	4.91	92.6	98.2	76.0-125			5.87	20
2-Butanone (MEK)	25.0	26.4	22.0	106	88.0	44.0-160			18.2	20
Methylene Chloride	5.00	3.81	3.84	76.2	76.8	67.0-120			0.784	20
4-Methyl-2-pentanone (MIBK)	25.0	28.9	28.5	116	114	68.0-142			1.39	20
Methyl tert-butyl ether	5.00	4.49	4.54	89.8	90.8	68.0-125			1.11	20
Naphthalene	5.00	3.65	3.80	73.0	76.0	54.0-135			4.03	20
n-Propylbenzene	5.00	4.57	4.65	91.4	93.0	77.0-124			1.74	20
Styrene	5.00	4.86	4.96	97.2	99.2	73.0-130			2.04	20
1,1,1,2-Tetrachloroethane	5.00	5.66	5.50	113	110	75.0-125			2.87	20
1,1,2,2-Tetrachloroethane	5.00	5.00	4.92	100	98.4	65.0-130			1.61	20
1,1,2-Trichlorotrifluoroethane	5.00	4.81	4.40	96.2	88.0	69.0-132			8.90	20
Tetrachloroethene	5.00	5.19	5.28	104	106	72.0-132			1.72	20
Toluene	5.00	5.06	4.98	101	99.6	79.0-120			1.59	20
1,2,3-Trichlorobenzene	5.00	3.37	3.82	67.4	76.4	50.0-138			12.5	20
1,2,4-Trichlorobenzene	5.00	4.36	4.66	87.2	93.2	57.0-137			6.65	20
1,1,1-Trichloroethane	5.00	4.79	4.77	95.8	95.4	73.0-124			0.418	20
1,1,2-Trichloroethane	5.00	5.37	5.23	107	105	80.0-120			2.64	20
Trichloroethene	5.00	5.22	5.06	104	101	78.0-124			3.11	20
Trichlorofluoromethane	5.00	4.85	4.70	97.0	94.0	59.0-147			3.14	20
1,2,3-Trichloropropane	5.00	4.91	5.25	98.2	105	73.0-130			6.69	20
1,2,4-Trimethylbenzene	5.00	4.72	4.88	94.4	97.6	76.0-121			3.33	20
1,2,3-Trimethylbenzene	5.00	4.55	4.73	91.0	94.6	77.0-120			3.88	20
1,3,5-Trimethylbenzene	5.00	4.60	4.79	92.0	95.8	76.0-122			4.05	20
Vinyl acetate	25.0	21.4	22.5	85.6	90.0	11.0-160			5.01	20
Vinyl chloride	5.00	3.77	3.91	75.4	78.2	67.0-131			3.65	20
Xylenes, Total	15.0	16.1	16.2	107	108	79.0-123			0.619	20
(S) Toluene-d8				108	107	80.0-120				
(S) 4-Bromofluorobenzene				101	100	77.0-126				
(S) 1,2-Dichloroethane-d4				95.6	96.7	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3993704-2 10/28/23 06:46

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromochloromethane	U		0.128	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
trans-1,4-Dichloro-2-butene	U		0.467	5.00
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3993704-2 10/28/23 06:46

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.137	0.500
Hexachloro-1,3-butadiene	U		0.337	1.00
2-Hexanone	U		0.787	5.00
n-Hexane	U		0.749	5.00
Iodomethane	U		0.554	5.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl acetate	U		0.692	5.00
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	107			80.0-120
(S) 4-Bromofluorobenzene	101			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3993704-1 10/28/23 05:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Acetone	25.0	26.8	107	19.0-160	
Acrylonitrile	25.0	27.0	108	55.0-149	
Benzene	5.00	4.84	96.8	70.0-123	
Bromobenzene	5.00	5.47	109	73.0-121	
Bromodichloromethane	5.00	4.98	99.6	75.0-120	
Bromochloromethane	5.00	5.38	108	76.0-122	
Bromoform	5.00	5.21	104	68.0-132	
Bromomethane	5.00	3.79	75.8	10.0-160	
n-Butylbenzene	5.00	4.72	94.4	73.0-125	
sec-Butylbenzene	5.00	4.64	92.8	75.0-125	
tert-Butylbenzene	5.00	4.98	99.6	76.0-124	
Carbon disulfide	5.00	3.65	73.0	61.0-128	
Carbon tetrachloride	5.00	5.26	105	68.0-126	
Chlorobenzene	5.00	5.58	112	80.0-121	
Chlorodibromomethane	5.00	6.03	121	77.0-125	
Chloroethane	5.00	3.51	70.2	47.0-150	
Chloroform	5.00	4.80	96.0	73.0-120	
Chloromethane	5.00	4.41	88.2	41.0-142	
2-Chlorotoluene	5.00	5.15	103	76.0-123	
4-Chlorotoluene	5.00	4.81	96.2	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	4.51	90.2	58.0-134	
1,2-Dibromoethane	5.00	5.72	114	80.0-122	
Dibromomethane	5.00	4.89	97.8	80.0-120	
1,2-Dichlorobenzene	5.00	5.58	112	79.0-121	
1,3-Dichlorobenzene	5.00	5.37	107	79.0-120	
1,4-Dichlorobenzene	5.00	5.11	102	79.0-120	
Dichlorodifluoromethane	5.00	5.06	101	51.0-149	
1,1-Dichloroethane	5.00	4.86	97.2	70.0-126	
1,2-Dichloroethane	5.00	4.89	97.8	70.0-128	
1,1-Dichloroethene	5.00	4.92	98.4	71.0-124	
cis-1,2-Dichloroethene	5.00	4.76	95.2	73.0-120	
trans-1,2-Dichloroethene	5.00	4.48	89.6	73.0-120	
1,2-Dichloropropane	5.00	5.21	104	77.0-125	
1,1-Dichloropropene	5.00	4.66	93.2	74.0-126	
1,3-Dichloropropane	5.00	5.30	106	80.0-120	
cis-1,3-Dichloropropene	5.00	4.95	99.0	80.0-123	
trans-1,3-Dichloropropene	5.00	5.10	102	78.0-124	
trans-1,4-Dichloro-2-butene	5.00	4.36	87.2	33.0-144	
2,2-Dichloropropane	5.00	4.31	86.2	58.0-130	
Di-isopropyl ether	5.00	6.01	120	58.0-138	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3993704-1 10/28/23 05:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Ethylbenzene	5.00	5.61	112	79.0-123	
Hexachloro-1,3-butadiene	5.00	4.29	85.8	54.0-138	
2-Hexanone	25.0	29.7	119	67.0-149	
n-Hexane	5.00	5.07	101	57.0-133	
Iodomethane	25.0	25.4	102	33.0-147	
Isopropylbenzene	5.00	5.39	108	76.0-127	
p-Isopropyltoluene	5.00	4.87	97.4	76.0-125	
2-Butanone (MEK)	25.0	26.3	105	44.0-160	
Methylene Chloride	5.00	4.15	83.0	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	32.2	129	68.0-142	
Methyl tert-butyl ether	5.00	4.69	93.8	68.0-125	
Naphthalene	5.00	3.32	66.4	54.0-135	
n-Propylbenzene	5.00	4.68	93.6	77.0-124	
Styrene	5.00	5.06	101	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	5.92	118	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	5.10	102	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	4.50	90.0	69.0-132	
Tetrachloroethene	5.00	5.66	113	72.0-132	
Toluene	5.00	5.33	107	79.0-120	
1,2,3-Trichlorobenzene	5.00	3.19	63.8	50.0-138	
1,2,4-Trichlorobenzene	5.00	4.15	83.0	57.0-137	
1,1,1-Trichloroethane	5.00	5.08	102	73.0-124	
1,1,2-Trichloroethane	5.00	5.60	112	80.0-120	
Trichloroethene	5.00	5.18	104	78.0-124	
Trichlorofluoromethane	5.00	4.67	93.4	59.0-147	
1,2,3-Trichloropropane	5.00	5.10	102	73.0-130	
1,2,4-Trimethylbenzene	5.00	4.77	95.4	76.0-121	
1,2,3-Trimethylbenzene	5.00	4.78	95.6	77.0-120	
1,3,5-Trimethylbenzene	5.00	4.68	93.6	76.0-122	
Vinyl acetate	25.0	28.4	114	11.0-160	
Vinyl chloride	5.00	4.10	82.0	67.0-131	
Xylenes, Total	15.0	17.0	113	79.0-123	
(S) Toluene-d8			108	80.0-120	
(S) 4-Bromofluorobenzene			101	77.0-126	
(S) 1,2-Dichloroethane-d4			104	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3992810-3 10/28/23 11:12

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromochloromethane	U		0.128	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
trans-1,4-Dichloro-2-butene	U		0.467	5.00
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3992810-3 10/28/23 11:12

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.137	0.500
Hexachloro-1,3-butadiene	U		0.337	1.00
2-Hexanone	U		0.787	5.00
n-Hexane	U		0.749	5.00
Iodomethane	U		0.554	5.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl acetate	U		0.692	5.00
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	118			80.0-120
(S) 4-Bromofluorobenzene	88.4			77.0-126
(S) 1,2-Dichloroethane-d4	86.9			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3992810-1 10/28/23 10:15 • (LCSD) R3992810-2 10/28/23 10:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	14.5	14.9	58.0	59.6	19.0-160			2.72	27
Acrylonitrile	25.0	23.7	25.3	94.8	101	55.0-149			6.53	20
Benzene	5.00	4.56	4.58	91.2	91.6	70.0-123			0.438	20
Bromobenzene	5.00	5.40	5.26	108	105	73.0-121			2.63	20
Bromodichloromethane	5.00	4.43	4.46	88.6	89.2	75.0-120			0.675	20
Bromochloromethane	5.00	4.07	4.03	81.4	80.6	76.0-122			0.988	20
Bromoform	5.00	5.45	5.32	109	106	68.0-132			2.41	20
Bromomethane	5.00	4.42	4.47	88.4	89.4	10.0-160			1.12	25
n-Butylbenzene	5.00	4.67	4.66	93.4	93.2	73.0-125			0.214	20
sec-Butylbenzene	5.00	5.34	5.20	107	104	75.0-125			2.66	20
tert-Butylbenzene	5.00	5.19	5.03	104	101	76.0-124			3.13	20
Carbon disulfide	5.00	4.64	4.78	92.8	95.6	61.0-128			2.97	20
Carbon tetrachloride	5.00	4.58	4.34	91.6	86.8	68.0-126			5.38	20
Chlorobenzene	5.00	5.37	5.41	107	108	80.0-121			0.742	20
Chlorodibromomethane	5.00	5.46	5.44	109	109	77.0-125			0.367	20
Chloroethane	5.00	4.52	4.22	90.4	84.4	47.0-150			6.86	20
Chloroform	5.00	4.22	4.28	84.4	85.6	73.0-120			1.41	20
Chloromethane	5.00	5.46	5.32	109	106	41.0-142			2.60	20
2-Chlorotoluene	5.00	5.25	5.10	105	102	76.0-123			2.90	20
4-Chlorotoluene	5.00	4.99	5.20	99.8	104	75.0-122			4.12	20
1,2-Dibromo-3-Chloropropane	5.00	4.62	4.73	92.4	94.6	58.0-134			2.35	20
1,2-Dibromoethane	5.00	5.01	5.14	100	103	80.0-122			2.56	20
Dibromomethane	5.00	3.91	4.11	78.2	82.2	80.0-120	J4		4.99	20
1,2-Dichlorobenzene	5.00	5.28	5.28	106	106	79.0-121			0.000	20
1,3-Dichlorobenzene	5.00	5.08	5.19	102	104	79.0-120			2.14	20
1,4-Dichlorobenzene	5.00	5.41	5.57	108	111	79.0-120			2.91	20
Dichlorodifluoromethane	5.00	5.40	5.43	108	109	51.0-149			0.554	20
1,1-Dichloroethane	5.00	4.56	4.43	91.2	88.6	70.0-126			2.89	20
1,2-Dichloroethane	5.00	3.71	3.72	74.2	74.4	70.0-128			0.269	20
1,1-Dichloroethene	5.00	5.19	5.24	104	105	71.0-124			0.959	20
cis-1,2-Dichloroethene	5.00	4.34	4.43	86.8	88.6	73.0-120			2.05	20
trans-1,2-Dichloroethene	5.00	4.60	4.40	92.0	88.0	73.0-120			4.44	20
1,2-Dichloropropane	5.00	4.45	4.54	89.0	90.8	77.0-125			2.00	20
1,1-Dichloropropene	5.00	4.57	4.67	91.4	93.4	74.0-126			2.16	20
1,3-Dichloropropane	5.00	5.42	5.29	108	106	80.0-120			2.43	20
cis-1,3-Dichloropropene	5.00	4.37	4.50	87.4	90.0	80.0-123			2.93	20
trans-1,3-Dichloropropene	5.00	5.00	4.96	100	99.2	78.0-124			0.803	20
trans-1,4-Dichloro-2-butene	5.00	4.13	4.27	82.6	85.4	33.0-144			3.33	20
2,2-Dichloropropane	5.00	4.09	3.97	81.8	79.4	58.0-130			2.98	20
Di-isopropyl ether	5.00	4.41	4.40	88.2	88.0	58.0-138			0.227	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R3992810-1 10/28/23 10:15 • (LCSD) R3992810-2 10/28/23 10:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Ethylbenzene	5.00	4.85	4.96	97.0	99.2	79.0-123			2.24	20
Hexachloro-1,3-butadiene	5.00	5.10	4.91	102	98.2	54.0-138			3.80	20
2-Hexanone	25.0	22.5	24.0	90.0	96.0	67.0-149			6.45	20
n-Hexane	5.00	4.92	5.14	98.4	103	57.0-133			4.37	20
Iodomethane	25.0	23.4	23.3	93.6	93.2	33.0-147			0.428	26
Isopropylbenzene	5.00	4.79	4.76	95.8	95.2	76.0-127			0.628	20
p-Isopropyltoluene	5.00	5.12	4.96	102	99.2	76.0-125			3.17	20
2-Butanone (MEK)	25.0	16.7	17.9	66.8	71.6	44.0-160			6.94	20
Methylene Chloride	5.00	4.01	4.44	80.2	88.8	67.0-120			10.2	20
4-Methyl-2-pentanone (MIBK)	25.0	23.6	24.3	94.4	97.2	68.0-142			2.92	20
Methyl tert-butyl ether	5.00	4.05	3.78	81.0	75.6	68.0-125			6.90	20
Naphthalene	5.00	3.44	3.58	68.8	71.6	54.0-135			3.99	20
n-Propylbenzene	5.00	5.48	5.42	110	108	77.0-124			1.10	20
Styrene	5.00	4.24	4.56	84.8	91.2	73.0-130			7.27	20
1,1,1,2-Tetrachloroethane	5.00	5.42	5.36	108	107	75.0-125			1.11	20
1,1,2,2-Tetrachloroethane	5.00	5.59	5.70	112	114	65.0-130			1.95	20
1,1,2-Trichlorotrifluoroethane	5.00	4.11	3.78	82.2	75.6	69.0-132			8.37	20
Tetrachloroethene	5.00	5.46	6.03	109	121	72.0-132			9.92	20
Toluene	5.00	5.56	5.41	111	108	79.0-120			2.73	20
1,2,3-Trichlorobenzene	5.00	4.72	4.59	94.4	91.8	50.0-138			2.79	20
1,2,4-Trichlorobenzene	5.00	4.83	4.55	96.6	91.0	57.0-137			5.97	20
1,1,1-Trichloroethane	5.00	4.06	3.91	81.2	78.2	73.0-124			3.76	20
1,1,2-Trichloroethane	5.00	5.38	5.42	108	108	80.0-120			0.741	20
Trichloroethene	5.00	4.59	4.52	91.8	90.4	78.0-124			1.54	20
Trichlorofluoromethane	5.00	4.64	4.71	92.8	94.2	59.0-147			1.50	20
1,2,3-Trichloropropane	5.00	5.25	5.67	105	113	73.0-130			7.69	20
1,2,4-Trimethylbenzene	5.00	4.85	4.82	97.0	96.4	76.0-121			0.620	20
1,2,3-Trimethylbenzene	5.00	5.00	5.01	100	100	77.0-120			0.200	20
1,3,5-Trimethylbenzene	5.00	5.12	5.19	102	104	76.0-122			1.36	20
Vinyl acetate	25.0	17.0	17.6	68.0	70.4	11.0-160			3.47	20
Vinyl chloride	5.00	5.10	5.16	102	103	67.0-131			1.17	20
Xylenes, Total	15.0	14.7	14.3	98.0	95.3	79.0-123			2.76	20
(S) Toluene-d8				115	117	80.0-120				
(S) 4-Bromofluorobenzene				89.3	91.4	77.0-126				
(S) 1,2-Dichloroethane-d4				84.8	87.9	70.0-130				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3993867-3 10/31/23 19:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromochloromethane	U		0.128	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
trans-1,4-Dichloro-2-butene	U		0.467	5.00
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3993867-3 10/31/23 19:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.137	0.500
Hexachloro-1,3-butadiene	U		0.337	1.00
2-Hexanone	U		0.787	5.00
n-Hexane	U		0.749	5.00
Iodomethane	U		0.554	5.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	1.21	U	0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl acetate	U		0.692	5.00
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	103			80.0-120
(S) 4-Bromofluorobenzene	102			77.0-126
(S) 1,2-Dichloroethane-d4	99.9			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3993867-1 10/31/23 18:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Acetone	25.0	26.6	106	19.0-160	
Acrylonitrile	25.0	26.6	106	55.0-149	
Benzene	5.00	5.34	107	70.0-123	
Bromobenzene	5.00	5.13	103	73.0-121	
Bromodichloromethane	5.00	5.32	106	75.0-120	
Bromochloromethane	5.00	5.72	114	76.0-122	
Bromoform	5.00	5.09	102	68.0-132	
Bromomethane	5.00	3.60	72.0	10.0-160	
n-Butylbenzene	5.00	4.83	96.6	73.0-125	
sec-Butylbenzene	5.00	5.37	107	75.0-125	
tert-Butylbenzene	5.00	5.35	107	76.0-124	
Carbon disulfide	5.00	5.21	104	61.0-128	
Carbon tetrachloride	5.00	5.54	111	68.0-126	
Chlorobenzene	5.00	5.26	105	80.0-121	
Chlorodibromomethane	5.00	5.18	104	77.0-125	
Chloroethane	5.00	5.94	119	47.0-150	
Chloroform	5.00	5.34	107	73.0-120	
Chloromethane	5.00	4.57	91.4	41.0-142	
2-Chlorotoluene	5.00	5.21	104	76.0-123	
4-Chlorotoluene	5.00	5.18	104	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	5.00	100	58.0-134	
1,2-Dibromoethane	5.00	5.11	102	80.0-122	
Dibromomethane	5.00	5.09	102	80.0-120	
1,2-Dichlorobenzene	5.00	5.14	103	79.0-121	
1,3-Dichlorobenzene	5.00	5.04	101	79.0-120	
1,4-Dichlorobenzene	5.00	5.22	104	79.0-120	
Dichlorodifluoromethane	5.00	6.02	120	51.0-149	
1,1-Dichloroethane	5.00	5.31	106	70.0-126	
1,2-Dichloroethane	5.00	5.10	102	70.0-128	
1,1-Dichloroethene	5.00	5.39	108	71.0-124	
cis-1,2-Dichloroethene	5.00	5.20	104	73.0-120	
trans-1,2-Dichloroethene	5.00	5.42	108	73.0-120	
1,2-Dichloropropane	5.00	5.46	109	77.0-125	
1,1-Dichloropropene	5.00	5.61	112	74.0-126	
1,3-Dichloropropane	5.00	5.31	106	80.0-120	
cis-1,3-Dichloropropene	5.00	5.18	104	80.0-123	
trans-1,3-Dichloropropene	5.00	5.31	106	78.0-124	
trans-1,4-Dichloro-2-butene	5.00	3.79	75.8	33.0-144	
2,2-Dichloropropane	5.00	5.56	111	58.0-130	
Di-isopropyl ether	5.00	5.20	104	58.0-138	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3993867-1 10/31/23 18:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Ethylbenzene	5.00	5.26	105	79.0-123	
Hexachloro-1,3-butadiene	5.00	5.58	112	54.0-138	
2-Hexanone	25.0	25.4	102	67.0-149	
n-Hexane	5.00	4.93	98.6	57.0-133	
Iodomethane	25.0	42.8	171	33.0-147	J4
Isopropylbenzene	5.00	5.43	109	76.0-127	
p-Isopropyltoluene	5.00	5.01	100	76.0-125	
2-Butanone (MEK)	25.0	26.0	104	44.0-160	
Methylene Chloride	5.00	5.33	107	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	27.4	110	68.0-142	
Methyl tert-butyl ether	5.00	5.19	104	68.0-125	
Naphthalene	5.00	4.80	96.0	54.0-135	
n-Propylbenzene	5.00	5.27	105	77.0-124	
Styrene	5.00	5.32	106	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	5.09	102	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	5.10	102	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	4.66	93.2	69.0-132	
Tetrachloroethene	5.00	5.90	118	72.0-132	
Toluene	5.00	5.28	106	79.0-120	
1,2,3-Trichlorobenzene	5.00	5.28	106	50.0-138	
1,2,4-Trichlorobenzene	5.00	4.80	96.0	57.0-137	
1,1,1-Trichloroethane	5.00	5.58	112	73.0-124	
1,1,2-Trichloroethane	5.00	5.30	106	80.0-120	
Trichloroethene	5.00	5.51	110	78.0-124	
Trichlorofluoromethane	5.00	5.62	112	59.0-147	
1,2,3-Trichloropropane	5.00	5.41	108	73.0-130	
1,2,4-Trimethylbenzene	5.00	5.23	105	76.0-121	
1,2,3-Trimethylbenzene	5.00	5.35	107	77.0-120	
1,3,5-Trimethylbenzene	5.00	5.37	107	76.0-122	
Vinyl acetate	25.0	27.5	110	11.0-160	
Vinyl chloride	5.00	5.83	117	67.0-131	
Xylenes, Total	15.0	16.0	107	79.0-123	
(S) Toluene-d8			101	80.0-120	
(S) 4-Bromofluorobenzene			103	77.0-126	
(S) 1,2-Dichloroethane-d4			97.4	70.0-130	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

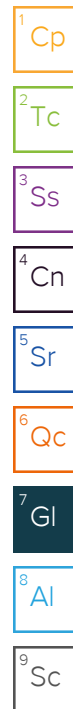
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
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.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.



ACCREDITATIONS & LOCATIONS

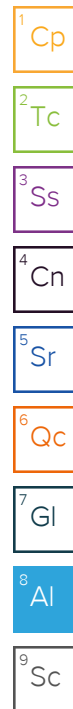
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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



Company Name/Address:

PNG Environmental

6665 SW Hampton St., Suite 101

Tigard, OR 97223

Billing Information:

Accounts Payable- Arla Johnson

6665 SW Hampton St. Suite 101

Tigard, OR 97223

Report to:

Guy Tanz

Project Description:

City/State Collected: Springfield, OR

Please Circle: PT MT CT ET

Phone: 503-620-2387

Client Project # 1176

Lab Project # PNGENVTOR-SPRINGVILL

Collected by (print): Jay Gruber

Site/Facility ID # SPRINGFIELD, OR

P.O. # 1176

Collected by (signature): [Signature]

Rush? (Lab MUST Be Notified)

Quote #

Immediately Packed on Ice N Y

Same Day

Five Day

Next Day

5 Day (Rad Only)

Two Day

10 Day (Rad Only)

Three Day

Date Results Needed

No. of Cntrs

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

MW-365

GW

10-18-23

0933

3

MW-36i

GW

0930

MW-39 S

GW

0956

MW-39 i

GW

0902

MW-39 d

GW

0910

MW-41 S

GW

0942

MW-41 i

GW

0946

MW-41 d

GW

0951

MW-42 S

GW

1034

MW-42 i

GW

1040

Matrix:

SS - Soil

AIR - Air

F - Filter

GW - Groundwater

B - Bioassay

WW - WasteWater

DW - Drinking Water

OT - Other

Remarks:

Samples returned via:

Tracking #

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received:

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp:

Bottles Received:

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

Time:

Hold:

Condition:

Analysis / Container / Preservative

VOCs 8260LL 40mlAmb-HCl

Chain of Custody

Pace

PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG #

F162

Acctnum: PNGENVTOR

Template: T237419

Prelogin: P1023130

PM: 110 - Brian Ford

PB:

Shipped Via:

Remarks

Sample # (lab only)

Company Name / Address: PNG Environmental 6665 SW Hampton St., Suite 101 Tigard, OR 97223				Billing Information: Accounts Payable- Arla Johnson 6665 SW Hampton St. Suite 101 Tigard, OR 97223				Chain of Custody Page <u>2 of 4</u> PEOPLE ADVANCING SCIENCE MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf																																																																												
Report to: Guy Tanz				Email To: gtanz@pngenv.com				Analysis / Container / Preservative VOCs 8260LL 40ml Amb-HCl																																																																												
Project Description:		City/State Collected: <u>Springfield, OR</u>		Please Circle: ☒ PT ☐ MT ☐ CT ☐ ET																																																																																
Phone: 503-620-2387		Client Project # 1176		Lab Project # PNGENVTOR-SPRINGVILL																																																																																
Collected by (print): <u>Jay Greifer</u>		Site/Facility ID # SPRINGFIELD, OR		P.O. # 1176																																																																																
Collected by (signature): 		Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day		Quote # Date Results Needed																																																																																
Immediately Packed on Ice N ☐ Y ☒		No. of Cntrs																																																																																		
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Sample ID</th> <th>Comp/Grab</th> <th>Matrix *</th> <th>Depth</th> <th>Date</th> <th>Time</th> <th>Cntrs</th> </tr> </thead> <tbody> <tr><td>MW-505</td><td>G</td><td>GW</td><td></td><td>10-18-23</td><td>1115</td><td>3</td></tr> <tr><td>MW-485</td><td></td><td>GW</td><td></td><td></td><td>1209</td><td>1</td></tr> <tr><td>MW-48 i</td><td></td><td>GW</td><td></td><td></td><td>1214</td><td>1</td></tr> <tr><td>MW-48 d</td><td></td><td>GW</td><td></td><td></td><td>1220</td><td>1</td></tr> <tr><td>MW-465</td><td></td><td>GW</td><td></td><td></td><td>1253</td><td>1</td></tr> <tr><td>MW-46 i</td><td></td><td>GW</td><td></td><td></td><td>1304</td><td>1</td></tr> <tr><td>MW-46 d</td><td></td><td>GW</td><td></td><td></td><td>1318</td><td>1</td></tr> <tr><td>MW-96</td><td></td><td>GW</td><td></td><td></td><td>1305</td><td>1</td></tr> <tr><td>MW-54i T</td><td></td><td>GW</td><td></td><td>10-19-23</td><td>0818</td><td>1</td></tr> <tr><td>MW-54i M</td><td>↓</td><td>GW</td><td></td><td>↓</td><td>0822</td><td>↓</td></tr> </tbody> </table>				Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	MW-505	G	GW		10-18-23	1115	3	MW-485		GW			1209	1	MW-48 i		GW			1214	1	MW-48 d		GW			1220	1	MW-465		GW			1253	1	MW-46 i		GW			1304	1	MW-46 d		GW			1318	1	MW-96		GW			1305	1	MW-54i T		GW		10-19-23	0818	1	MW-54i M	↓	GW		↓	0822	↓				
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs																																																																														
MW-505	G	GW		10-18-23	1115	3																																																																														
MW-485		GW			1209	1																																																																														
MW-48 i		GW			1214	1																																																																														
MW-48 d		GW			1220	1																																																																														
MW-465		GW			1253	1																																																																														
MW-46 i		GW			1304	1																																																																														
MW-46 d		GW			1318	1																																																																														
MW-96		GW			1305	1																																																																														
MW-54i T		GW		10-19-23	0818	1																																																																														
MW-54i M	↓	GW		↓	0822	↓																																																																														
* 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 #																																																																																
Relinquished by: (Signature) 		Date: 10/19/23		Time: <u>1515</u>		Received by: (Signature)																																																																														
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: <u>16.0</u> °C Bottles Received:																																																																																
Preservation Correct/Checked: ☒ Y ☐ N RAD Screen <0.5 mR/hr: ☒ Y ☐ N				If preservation required by Login: Date/Time																																																																																
Hold:				Condition: NCF / OK																																																																																

Company Name/Address: PNG Environmental 6665 SW Hampton St., Suite 101 Tigard, OR 97223		Billing Information: Accounts Payable- Arla Johnson 6665 SW Hampton St. Suite 101 Tigard, OR 97223 Email To: gtanz@pngenv.com		Pres Chk Analysis / Container / Preservative		Chain of Custody Page 3 of 4  MT JULIET, TN 12065 Lebanon Rd. Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf	
Report to: Guy Tanz		City/State Collected: Springfield, OR		Please Circle: ☒ MT ☐ CT ☐ ET		VOCs 8260LL 40ml/Amb-HCl	
Project Description:		Client Project # 1176		Lab Project # PNGENVTOR-SPRINGVILL			
Phone: 503-620-2387		Site/Facility ID # SPRINGFIELD, OR		P.O. # 1176			
Collected by (print): <i>Guy Tanz</i>		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			
Collected by (signature): <i>[Signature]</i>		Immediately Packed on Ice N ☐ Y ☒		No. of Cntrs		SDG # U668896 Table # Acctnum: PNGENVTOR Template: T237419 Prelogin: P1023130 PM: 110 - Brian Ford PB: Shipped Via:	
Sample ID		Comp/Grab		Matrix *			
Date		Time		Remarks		Sample # (lab only)	
MW-54i B.		G		GW		10-19-23 0826	
MW-45 S.		 		GW		0924	
MW-45 i.		 		GW		0931	
MW-53i T.		 		GW		0951	
MW-53i M.		 		GW		0953	
MW-53i B.		 		GW		0957	
MW-53i T.		 		GW		1016	
MW-53i M.		 		GW		1020	
MW-53i B.		 		GW		1023	
MW-51i T.		V		GW		1052	

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

Remarks:

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier _____ Tracking # _____

Relinquished by: (Signature) *[Signature]* Date: **10/19/23** Time: **4:500**

Relinquished by: (Signature) _____ Date: _____ Time: _____

Relinquished by: (Signature) _____ Date: _____ Time: _____

Received by: (Signature) _____ Date: _____ Time: _____

Received by: (Signature) _____ Date: _____ Time: _____

Received for lab by: (Signature) *Christopher L. Salen* Date: **10/20/23** Time: **0900**

Trip Blank Received: Yes / No ☒ HCL / MeOH TBR

Temp **16.0** °C Bottles Received: _____

Hold: _____ Condition: **NCF / OK**

Sample Receipt Checklist

COC Seal Present/Intact: ☒ NP ☐ N

COC Signed/Accurate: ☒ N ☐ N

Bottles arrive intact: ☒ N ☐ N

Correct bottles used: ☒ N ☐ N

Sufficient volume sent: ☒ N ☐ N

If Applicable

VOA Zero Headpace: ☒ N ☐ N

Preservation Correct/Checked: ☒ Y ☐ N

RAD Screen <0.5 mR/hr: ☒ N ☐ N

If preservation required by Login: Date/Time _____

Company Name/Address: PNG Environmental 6665 SW Hampton St., Suite 101 Tigard, OR 97223		Billing Information: Accounts Payable- Arla Johnson 6665 SW Hampton St. Suite 101 Tigard, OR 97223		Pres Chk		Analysis / Container / Preservative										Chain of Custody Page 4 of 4	
Report to: Guy Tanz		Email To: gtanz@pngenv.com				VOCs 8260LL 40mlAmb-HCl										Pace PEOPLE ADVANCING SCIENCE MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf	
Project Description:		City/State Collected: Springfield, OR		Please Circle: PT MT CT ET												SDG # U11608896	
Phone: 503-620-2387		Client Project # 1176		Lab Project # PNGENVTOR-SPRINGVILL												Table #	
Collected by (print): Jay Gruber		Site/Facility ID # SPRINGFIELD, OR		P.O. # 1176												Acctnum: PNGENVTOR	
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 #		Template: T237419											
Immediately Packed on Ice N _____ Y _____		Date Results Needed		No. of Cntrs		Prelogin: P1023130											
Sample ID		Comp/Grab		Matrix *		Depth		Date		Time		PB: PM: 110 - Brian Ford					
MW-519 M.		G		GW		10-19-B		1055		3		Shipped Via:					
MW-519 B.		I		GW		I		1100		1		Remarks					
1350 N Street		I		GW		I		1135		1		Sample # (lab only)					
MW-43 S.		I		GW		I		1209		1		-31					
MW-43 i.		I		GW		I		1214		1		-32					
MW-43 d.		I		GW		I		1320		1		-33					
				GW								-34					
				GW								-35					
				GW								-36					
				GW													
				GW													
				GW													
* Matrix:		Remarks:		pH _____ Temp _____		Flow _____ Other _____		Sample Receipt Checklist									
SS - Soil AIR - Air F - Filter								COC Seal Present/Intact: NP									
GW - Groundwater B - Bioassay								COC Signed/Accurate:									
WW - WasteWater								Bottles arrive intact:									
DW - Drinking Water								Correct bottles used:									
OT - Other								Sufficient volume sent:									
Samples returned via:		Tracking #						If Applicable									
___ UPS ___ FedEx ___ Courier								VOA Zero Headspace:									
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Trip Blank Received: Yes / No									
[Signature]		10/19/23		3:500		[Signature]		HCL / MeOH									
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Temp: 68 °C		Bottles Received:		If preservation required by Login: Date/Time					
[Signature]						[Signature]		1.610									
Relinquished by: (Signature)		Date:		Time:		Received for lab by: (Signature)		Date:		Time:		Hold:					
[Signature]						Christophe L. Gallin		10/20/23		0900		Condition: NCF / OK					

October 30, 2023

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

PNG Environmental

Sample Delivery Group: L1668916
Samples Received: 10/20/2023
Project Number: 1176
Description:
Site: SPRINGFIELD, OR
Report To: Guy Tanz
6665 SW Hampton St., Suite 101
Tigard, OR 97223

Entire Report Reviewed By:



Brian Ford
Project Manager

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

Pace Analytical National

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

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MW-95 L1668916-03	9
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¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

SAMPLE SUMMARY

TB-101923 L1668916-01 GW

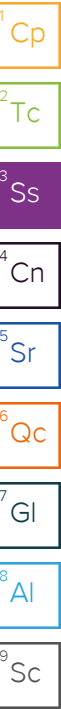
				Collected by Jay Greifer	Collected date/time 10/19/23 08:44	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159874	1	10/28/23 11:56	10/28/23 11:56	JAH	Mt. Juliet, TN

Q STREET L1668916-02 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 09:00	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159874	1	10/28/23 12:53	10/28/23 12:53	JAH	Mt. Juliet, TN

MW-95 L1668916-03 GW

				Collected by Jay Greifer	Collected date/time 10/19/23 09:02	Received date/time 10/20/23 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159874	1	10/28/23 13:12	10/28/23 13:12	JAH	Mt. Juliet, TN



CASE NARRATIVE

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

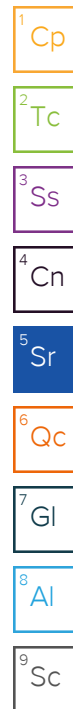


Brian Ford
Project Manager

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

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	25.0	1	10/28/2023 11:56	WG2159874
Acrylonitrile	ND		5.00	1	10/28/2023 11:56	WG2159874
Benzene	ND		0.500	1	10/28/2023 11:56	WG2159874
Bromobenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
Bromodichloromethane	ND		0.500	1	10/28/2023 11:56	WG2159874
Bromochloromethane	ND		0.500	1	10/28/2023 11:56	WG2159874
Bromoform	ND		0.500	1	10/28/2023 11:56	WG2159874
Bromomethane	ND		2.50	1	10/28/2023 11:56	WG2159874
n-Butylbenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
sec-Butylbenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
tert-Butylbenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
Carbon disulfide	ND		0.500	1	10/28/2023 11:56	WG2159874
Carbon tetrachloride	ND		0.500	1	10/28/2023 11:56	WG2159874
Chlorobenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
Chlorodibromomethane	ND		0.500	1	10/28/2023 11:56	WG2159874
Chloroethane	ND		2.50	1	10/28/2023 11:56	WG2159874
Chloroform	ND		0.500	1	10/28/2023 11:56	WG2159874
Chloromethane	ND		1.25	1	10/28/2023 11:56	WG2159874
2-Chlorotoluene	ND		0.500	1	10/28/2023 11:56	WG2159874
4-Chlorotoluene	ND		0.500	1	10/28/2023 11:56	WG2159874
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 11:56	WG2159874
1,2-Dibromoethane	ND		0.500	1	10/28/2023 11:56	WG2159874
Dibromomethane	ND	C3 J4	0.500	1	10/28/2023 11:56	WG2159874
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 11:56	WG2159874
1,1-Dichloroethane	ND		0.500	1	10/28/2023 11:56	WG2159874
1,2-Dichloroethane	ND	C3	0.500	1	10/28/2023 11:56	WG2159874
1,1-Dichloroethene	ND		0.500	1	10/28/2023 11:56	WG2159874
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 11:56	WG2159874
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 11:56	WG2159874
1,2-Dichloropropane	ND		0.500	1	10/28/2023 11:56	WG2159874
1,1-Dichloropropene	ND		0.500	1	10/28/2023 11:56	WG2159874
1,3-Dichloropropane	ND		1.00	1	10/28/2023 11:56	WG2159874
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 11:56	WG2159874
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 11:56	WG2159874
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 11:56	WG2159874
2,2-Dichloropropane	ND		0.500	1	10/28/2023 11:56	WG2159874
Di-isopropyl ether	ND		0.500	1	10/28/2023 11:56	WG2159874
Ethylbenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 11:56	WG2159874
2-Hexanone	ND		5.00	1	10/28/2023 11:56	WG2159874
n-Hexane	ND		5.00	1	10/28/2023 11:56	WG2159874
Iodomethane	ND		5.00	1	10/28/2023 11:56	WG2159874
Isopropylbenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
p-Isopropyltoluene	ND		0.500	1	10/28/2023 11:56	WG2159874
2-Butanone (MEK)	ND	C3	5.00	1	10/28/2023 11:56	WG2159874
Methylene Chloride	ND		2.50	1	10/28/2023 11:56	WG2159874
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 11:56	WG2159874
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 11:56	WG2159874
Naphthalene	ND	C3	2.50	1	10/28/2023 11:56	WG2159874
n-Propylbenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
Styrene	ND		0.500	1	10/28/2023 11:56	WG2159874
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 11:56	WG2159874
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 11:56	WG2159874



TB-101923

SAMPLE RESULTS - 01

Collected date/time: 10/19/23 08:44

L1668916

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 11:56	WG2159874
Tetrachloroethene	ND		0.500	1	10/28/2023 11:56	WG2159874
Toluene	ND		0.500	1	10/28/2023 11:56	WG2159874
1,2,3-Trichlorobenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 11:56	WG2159874
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 11:56	WG2159874
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 11:56	WG2159874
Trichloroethene	ND		0.500	1	10/28/2023 11:56	WG2159874
Trichlorofluoromethane	ND		2.50	1	10/28/2023 11:56	WG2159874
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 11:56	WG2159874
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 11:56	WG2159874
Vinyl acetate	ND	C3	5.00	1	10/28/2023 11:56	WG2159874
Vinyl chloride	ND		0.500	1	10/28/2023 11:56	WG2159874
Xylenes, Total	ND		1.50	1	10/28/2023 11:56	WG2159874
(S) Toluene-d8	114		80.0-120		10/28/2023 11:56	WG2159874
(S) 4-Bromofluorobenzene	87.9		77.0-126		10/28/2023 11:56	WG2159874
(S) 1,2-Dichloroethane-d4	95.4		70.0-130		10/28/2023 11:56	WG2159874

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	25.0	1	10/28/2023 12:53	WG2159874
Acrylonitrile	ND		5.00	1	10/28/2023 12:53	WG2159874
Benzene	ND		0.500	1	10/28/2023 12:53	WG2159874
Bromobenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
Bromodichloromethane	ND		0.500	1	10/28/2023 12:53	WG2159874
Bromochloromethane	ND		0.500	1	10/28/2023 12:53	WG2159874
Bromoform	ND		0.500	1	10/28/2023 12:53	WG2159874
Bromomethane	ND		2.50	1	10/28/2023 12:53	WG2159874
n-Butylbenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
sec-Butylbenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
tert-Butylbenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
Carbon disulfide	ND		0.500	1	10/28/2023 12:53	WG2159874
Carbon tetrachloride	ND		0.500	1	10/28/2023 12:53	WG2159874
Chlorobenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
Chlorodibromomethane	ND		0.500	1	10/28/2023 12:53	WG2159874
Chloroethane	ND		2.50	1	10/28/2023 12:53	WG2159874
Chloroform	ND		0.500	1	10/28/2023 12:53	WG2159874
Chloromethane	ND		1.25	1	10/28/2023 12:53	WG2159874
2-Chlorotoluene	ND		0.500	1	10/28/2023 12:53	WG2159874
4-Chlorotoluene	ND		0.500	1	10/28/2023 12:53	WG2159874
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 12:53	WG2159874
1,2-Dibromoethane	ND		0.500	1	10/28/2023 12:53	WG2159874
Dibromomethane	ND	C3 J4	0.500	1	10/28/2023 12:53	WG2159874
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 12:53	WG2159874
1,1-Dichloroethane	ND		0.500	1	10/28/2023 12:53	WG2159874
1,2-Dichloroethane	ND	C3	0.500	1	10/28/2023 12:53	WG2159874
1,1-Dichloroethene	ND		0.500	1	10/28/2023 12:53	WG2159874
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 12:53	WG2159874
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 12:53	WG2159874
1,2-Dichloropropane	ND		0.500	1	10/28/2023 12:53	WG2159874
1,1-Dichloropropene	ND		0.500	1	10/28/2023 12:53	WG2159874
1,3-Dichloropropane	ND		1.00	1	10/28/2023 12:53	WG2159874
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 12:53	WG2159874
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 12:53	WG2159874
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 12:53	WG2159874
2,2-Dichloropropane	ND		0.500	1	10/28/2023 12:53	WG2159874
Di-isopropyl ether	ND		0.500	1	10/28/2023 12:53	WG2159874
Ethylbenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 12:53	WG2159874
2-Hexanone	ND		5.00	1	10/28/2023 12:53	WG2159874
n-Hexane	ND		5.00	1	10/28/2023 12:53	WG2159874
Iodomethane	ND		5.00	1	10/28/2023 12:53	WG2159874
Isopropylbenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
p-Isopropyltoluene	ND		0.500	1	10/28/2023 12:53	WG2159874
2-Butanone (MEK)	ND	C3	5.00	1	10/28/2023 12:53	WG2159874
Methylene Chloride	ND		2.50	1	10/28/2023 12:53	WG2159874
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 12:53	WG2159874
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 12:53	WG2159874
Naphthalene	ND	C3	2.50	1	10/28/2023 12:53	WG2159874
n-Propylbenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
Styrene	ND		0.500	1	10/28/2023 12:53	WG2159874
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 12:53	WG2159874
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 12:53	WG2159874

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

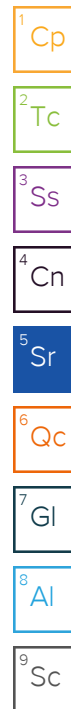
7 Gl

8 Al

9 Sc

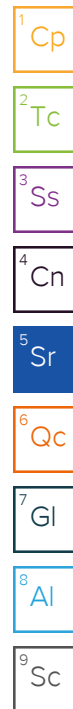
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 12:53	WG2159874
Tetrachloroethene	ND		0.500	1	10/28/2023 12:53	WG2159874
Toluene	ND		0.500	1	10/28/2023 12:53	WG2159874
1,2,3-Trichlorobenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 12:53	WG2159874
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 12:53	WG2159874
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 12:53	WG2159874
Trichloroethene	ND		0.500	1	10/28/2023 12:53	WG2159874
Trichlorofluoromethane	ND		2.50	1	10/28/2023 12:53	WG2159874
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 12:53	WG2159874
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 12:53	WG2159874
Vinyl acetate	ND	C3	5.00	1	10/28/2023 12:53	WG2159874
Vinyl chloride	ND		0.500	1	10/28/2023 12:53	WG2159874
Xylenes, Total	ND		1.50	1	10/28/2023 12:53	WG2159874
(S) Toluene-d8	116		80.0-120		10/28/2023 12:53	WG2159874
(S) 4-Bromofluorobenzene	85.6		77.0-126		10/28/2023 12:53	WG2159874
(S) 1,2-Dichloroethane-d4	88.8		70.0-130		10/28/2023 12:53	WG2159874



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	25.0	1	10/28/2023 13:12	WG2159874
Acrylonitrile	ND		5.00	1	10/28/2023 13:12	WG2159874
Benzene	ND		0.500	1	10/28/2023 13:12	WG2159874
Bromobenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
Bromodichloromethane	ND		0.500	1	10/28/2023 13:12	WG2159874
Bromochloromethane	ND		0.500	1	10/28/2023 13:12	WG2159874
Bromoform	ND		0.500	1	10/28/2023 13:12	WG2159874
Bromomethane	ND		2.50	1	10/28/2023 13:12	WG2159874
n-Butylbenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
sec-Butylbenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
tert-Butylbenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
Carbon disulfide	ND		0.500	1	10/28/2023 13:12	WG2159874
Carbon tetrachloride	ND		0.500	1	10/28/2023 13:12	WG2159874
Chlorobenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
Chlorodibromomethane	ND		0.500	1	10/28/2023 13:12	WG2159874
Chloroethane	ND		2.50	1	10/28/2023 13:12	WG2159874
Chloroform	ND		0.500	1	10/28/2023 13:12	WG2159874
Chloromethane	ND		1.25	1	10/28/2023 13:12	WG2159874
2-Chlorotoluene	ND		0.500	1	10/28/2023 13:12	WG2159874
4-Chlorotoluene	ND		0.500	1	10/28/2023 13:12	WG2159874
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 13:12	WG2159874
1,2-Dibromoethane	ND		0.500	1	10/28/2023 13:12	WG2159874
Dibromomethane	ND	C3 J4	0.500	1	10/28/2023 13:12	WG2159874
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 13:12	WG2159874
1,1-Dichloroethane	ND		0.500	1	10/28/2023 13:12	WG2159874
1,2-Dichloroethane	ND	C3	0.500	1	10/28/2023 13:12	WG2159874
1,1-Dichloroethene	ND		0.500	1	10/28/2023 13:12	WG2159874
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 13:12	WG2159874
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 13:12	WG2159874
1,2-Dichloropropane	ND		0.500	1	10/28/2023 13:12	WG2159874
1,1-Dichloropropene	ND		0.500	1	10/28/2023 13:12	WG2159874
1,3-Dichloropropane	ND		1.00	1	10/28/2023 13:12	WG2159874
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 13:12	WG2159874
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 13:12	WG2159874
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 13:12	WG2159874
2,2-Dichloropropane	ND		0.500	1	10/28/2023 13:12	WG2159874
Di-isopropyl ether	ND		0.500	1	10/28/2023 13:12	WG2159874
Ethylbenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 13:12	WG2159874
2-Hexanone	ND		5.00	1	10/28/2023 13:12	WG2159874
n-Hexane	ND		5.00	1	10/28/2023 13:12	WG2159874
Iodomethane	ND		5.00	1	10/28/2023 13:12	WG2159874
Isopropylbenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
p-Isopropyltoluene	ND		0.500	1	10/28/2023 13:12	WG2159874
2-Butanone (MEK)	ND	C3	5.00	1	10/28/2023 13:12	WG2159874
Methylene Chloride	ND		2.50	1	10/28/2023 13:12	WG2159874
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 13:12	WG2159874
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 13:12	WG2159874
Naphthalene	ND	C3	2.50	1	10/28/2023 13:12	WG2159874
n-Propylbenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
Styrene	ND		0.500	1	10/28/2023 13:12	WG2159874
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 13:12	WG2159874
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 13:12	WG2159874



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 13:12	WG2159874
Tetrachloroethene	ND		0.500	1	10/28/2023 13:12	WG2159874
Toluene	ND		0.500	1	10/28/2023 13:12	WG2159874
1,2,3-Trichlorobenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 13:12	WG2159874
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 13:12	WG2159874
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 13:12	WG2159874
Trichloroethene	ND		0.500	1	10/28/2023 13:12	WG2159874
Trichlorofluoromethane	ND		2.50	1	10/28/2023 13:12	WG2159874
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 13:12	WG2159874
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 13:12	WG2159874
Vinyl acetate	ND	C3	5.00	1	10/28/2023 13:12	WG2159874
Vinyl chloride	ND		0.500	1	10/28/2023 13:12	WG2159874
Xylenes, Total	ND		1.50	1	10/28/2023 13:12	WG2159874
(S) Toluene-d8	117		80.0-120		10/28/2023 13:12	WG2159874
(S) 4-Bromofluorobenzene	86.5		77.0-126		10/28/2023 13:12	WG2159874
(S) 1,2-Dichloroethane-d4	87.6		70.0-130		10/28/2023 13:12	WG2159874

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

Method Blank (MB)

(MB) R3992810-3 10/28/23 11:12

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromochloromethane	U		0.128	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
trans-1,4-Dichloro-2-butene	U		0.467	5.00
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3992810-3 10/28/23 11:12

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.137	0.500
Hexachloro-1,3-butadiene	U		0.337	1.00
2-Hexanone	U		0.787	5.00
n-Hexane	U		0.749	5.00
Iodomethane	U		0.554	5.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl acetate	U		0.692	5.00
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	118			80.0-120
(S) 4-Bromofluorobenzene	88.4			77.0-126
(S) 1,2-Dichloroethane-d4	86.9			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3992810-1 10/28/23 10:15 • (LCSD) R3992810-2 10/28/23 10:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	14.5	14.9	58.0	59.6	19.0-160			2.72	27
Acrylonitrile	25.0	23.7	25.3	94.8	101	55.0-149			6.53	20
Benzene	5.00	4.56	4.58	91.2	91.6	70.0-123			0.438	20
Bromobenzene	5.00	5.40	5.26	108	105	73.0-121			2.63	20
Bromodichloromethane	5.00	4.43	4.46	88.6	89.2	75.0-120			0.675	20
Bromochloromethane	5.00	4.07	4.03	81.4	80.6	76.0-122			0.988	20
Bromoform	5.00	5.45	5.32	109	106	68.0-132			2.41	20
Bromomethane	5.00	4.42	4.47	88.4	89.4	10.0-160			1.12	25
n-Butylbenzene	5.00	4.67	4.66	93.4	93.2	73.0-125			0.214	20
sec-Butylbenzene	5.00	5.34	5.20	107	104	75.0-125			2.66	20
tert-Butylbenzene	5.00	5.19	5.03	104	101	76.0-124			3.13	20
Carbon disulfide	5.00	4.64	4.78	92.8	95.6	61.0-128			2.97	20
Carbon tetrachloride	5.00	4.58	4.34	91.6	86.8	68.0-126			5.38	20
Chlorobenzene	5.00	5.37	5.41	107	108	80.0-121			0.742	20
Chlorodibromomethane	5.00	5.46	5.44	109	109	77.0-125			0.367	20
Chloroethane	5.00	4.52	4.22	90.4	84.4	47.0-150			6.86	20
Chloroform	5.00	4.22	4.28	84.4	85.6	73.0-120			1.41	20
Chloromethane	5.00	5.46	5.32	109	106	41.0-142			2.60	20
2-Chlorotoluene	5.00	5.25	5.10	105	102	76.0-123			2.90	20
4-Chlorotoluene	5.00	4.99	5.20	99.8	104	75.0-122			4.12	20
1,2-Dibromo-3-Chloropropane	5.00	4.62	4.73	92.4	94.6	58.0-134			2.35	20
1,2-Dibromoethane	5.00	5.01	5.14	100	103	80.0-122			2.56	20
Dibromomethane	5.00	3.91	4.11	78.2	82.2	80.0-120	J4		4.99	20
1,2-Dichlorobenzene	5.00	5.28	5.28	106	106	79.0-121			0.000	20
1,3-Dichlorobenzene	5.00	5.08	5.19	102	104	79.0-120			2.14	20
1,4-Dichlorobenzene	5.00	5.41	5.57	108	111	79.0-120			2.91	20
Dichlorodifluoromethane	5.00	5.40	5.43	108	109	51.0-149			0.554	20
1,1-Dichloroethane	5.00	4.56	4.43	91.2	88.6	70.0-126			2.89	20
1,2-Dichloroethane	5.00	3.71	3.72	74.2	74.4	70.0-128			0.269	20
1,1-Dichloroethene	5.00	5.19	5.24	104	105	71.0-124			0.959	20
cis-1,2-Dichloroethene	5.00	4.34	4.43	86.8	88.6	73.0-120			2.05	20
trans-1,2-Dichloroethene	5.00	4.60	4.40	92.0	88.0	73.0-120			4.44	20
1,2-Dichloropropane	5.00	4.45	4.54	89.0	90.8	77.0-125			2.00	20
1,1-Dichloropropene	5.00	4.57	4.67	91.4	93.4	74.0-126			2.16	20
1,3-Dichloropropane	5.00	5.42	5.29	108	106	80.0-120			2.43	20
cis-1,3-Dichloropropene	5.00	4.37	4.50	87.4	90.0	80.0-123			2.93	20
trans-1,3-Dichloropropene	5.00	5.00	4.96	100	99.2	78.0-124			0.803	20
trans-1,4-Dichloro-2-butene	5.00	4.13	4.27	82.6	85.4	33.0-144			3.33	20
2,2-Dichloropropane	5.00	4.09	3.97	81.8	79.4	58.0-130			2.98	20
Di-isopropyl ether	5.00	4.41	4.40	88.2	88.0	58.0-138			0.227	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R3992810-1 10/28/23 10:15 • (LCSD) R3992810-2 10/28/23 10:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Ethylbenzene	5.00	4.85	4.96	97.0	99.2	79.0-123			2.24	20
Hexachloro-1,3-butadiene	5.00	5.10	4.91	102	98.2	54.0-138			3.80	20
2-Hexanone	25.0	22.5	24.0	90.0	96.0	67.0-149			6.45	20
n-Hexane	5.00	4.92	5.14	98.4	103	57.0-133			4.37	20
Iodomethane	25.0	23.4	23.3	93.6	93.2	33.0-147			0.428	26
Isopropylbenzene	5.00	4.79	4.76	95.8	95.2	76.0-127			0.628	20
p-Isopropyltoluene	5.00	5.12	4.96	102	99.2	76.0-125			3.17	20
2-Butanone (MEK)	25.0	16.7	17.9	66.8	71.6	44.0-160			6.94	20
Methylene Chloride	5.00	4.01	4.44	80.2	88.8	67.0-120			10.2	20
4-Methyl-2-pentanone (MIBK)	25.0	23.6	24.3	94.4	97.2	68.0-142			2.92	20
Methyl tert-butyl ether	5.00	4.05	3.78	81.0	75.6	68.0-125			6.90	20
Naphthalene	5.00	3.44	3.58	68.8	71.6	54.0-135			3.99	20
n-Propylbenzene	5.00	5.48	5.42	110	108	77.0-124			1.10	20
Styrene	5.00	4.24	4.56	84.8	91.2	73.0-130			7.27	20
1,1,1,2-Tetrachloroethane	5.00	5.42	5.36	108	107	75.0-125			1.11	20
1,1,2,2-Tetrachloroethane	5.00	5.59	5.70	112	114	65.0-130			1.95	20
1,1,2-Trichlorotrifluoroethane	5.00	4.11	3.78	82.2	75.6	69.0-132			8.37	20
Tetrachloroethene	5.00	5.46	6.03	109	121	72.0-132			9.92	20
Toluene	5.00	5.56	5.41	111	108	79.0-120			2.73	20
1,2,3-Trichlorobenzene	5.00	4.72	4.59	94.4	91.8	50.0-138			2.79	20
1,2,4-Trichlorobenzene	5.00	4.83	4.55	96.6	91.0	57.0-137			5.97	20
1,1,1-Trichloroethane	5.00	4.06	3.91	81.2	78.2	73.0-124			3.76	20
1,1,2-Trichloroethane	5.00	5.38	5.42	108	108	80.0-120			0.741	20
Trichloroethene	5.00	4.59	4.52	91.8	90.4	78.0-124			1.54	20
Trichlorofluoromethane	5.00	4.64	4.71	92.8	94.2	59.0-147			1.50	20
1,2,3-Trichloropropane	5.00	5.25	5.67	105	113	73.0-130			7.69	20
1,2,4-Trimethylbenzene	5.00	4.85	4.82	97.0	96.4	76.0-121			0.620	20
1,2,3-Trimethylbenzene	5.00	5.00	5.01	100	100	77.0-120			0.200	20
1,3,5-Trimethylbenzene	5.00	5.12	5.19	102	104	76.0-122			1.36	20
Vinyl acetate	25.0	17.0	17.6	68.0	70.4	11.0-160			3.47	20
Vinyl chloride	5.00	5.10	5.16	102	103	67.0-131			1.17	20
Xylenes, Total	15.0	14.7	14.3	98.0	95.3	79.0-123			2.76	20
(S) Toluene-d8				115	117	80.0-120				
(S) 4-Bromofluorobenzene				89.3	91.4	77.0-126				
(S) 1,2-Dichloroethane-d4				84.8	87.9	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

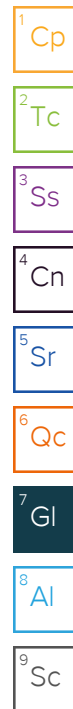
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
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.
J4	The associated batch QC was outside the established quality control range for accuracy.



ACCREDITATIONS & LOCATIONS

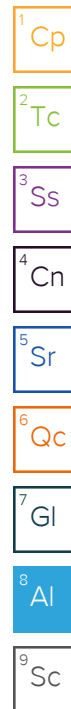
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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



Company Name/Address:

PNG Environmental6665 SW Hampton St., Suite 101
Tigard, OR 97223

Billing Information:

Accounts Payable- Arla Johnson
6665 SW Hampton St. Suite 101
Tigard, OR 97223Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

**MT JULIET, TN**12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>SDG # **L1668916****F163**Acctnum: **PNGENVTOR**Template: **T237419**Prelogin: **P1023130**PM: **110 - Brian Ford**

PB:

Shipped Via:

Remarks

Sample # (lab only)

Report to:

Guy TanzEmail To: **gtanz@pngenv.com**

Project Description:

City/State
Collected: **Springfield, OR**Please Circle:
PT MT CT ETPhone: **503-620-2387**Client Project #
1176Lab Project #
PNGENVTOR-SPRINGVILLCollected by (print):
Jay GreiferSite/Facility ID #
SPRINGFIELD, ORP.O. #
1176

Collected by (signature):

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

Quote #

Date Results Needed

Immediately
Packed on Ice N ☐ Y ☒No.
of
Cnts

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

No.
of
Cnts
TB-101923
Q Street
MW-95
G
I
GW
GW
GW
GW
GW
GW
GW
GW
GW
10-19-23
1
0902
0844
0900
0902
1
3
3
X
X
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 ☐ CourierTracking # **6643 4297 2278**

Sample Receipt Checklist

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

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received: ☒ Yes ☐ NoHCL/ MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp **20.8 °C**

Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

Time:

Hold:

Condition:
NCF / OK

VOCs 8260LL 40ml/Amb-HCI

10/20/23
0900

APPENDIX C
INVESTIGATIVE DERIVED WASTE
DISPOSAL DOCUMENTATION

Guy Tanz

From: KRUEGER Shawn [skrueger@springfield-or.gov] on behalf of KRUEGER Shawn
Sent: Monday, November 20, 2023 10:30 AM
To: Guy Tanz
Subject: RE: 1176 2023 October Semi-Annual Monitoring Event, Former Springvilla Discharge Request Under Blanket Temporary Discharge Authorization
Attachments: Re: 1176 2022 04 28 Former Springvilla Discharge Request Under Blanket T... (94.9 KB); App-Dispose-of-GW_2023.doc

Hi Guy,

I approve your request to discharge 80-gallons of contaminated groundwater from one 85-gallon drum individually into the City's wastewater system at the approved manhole as per permit requirements. It's my understanding that the drum contents consist of monitoring well sampling purge water generated between October 10 through October 19, 2023 as part of ongoing investigation activities regarding the former SpingVilla Dry Cleaner located at 1459 Mohawk Boulevard in Springfield. My determination is based on my review of the analytical data submitted on November 1, 2023 being in compliance with the temporary permit limitations stipulated under the City of Springfield Industrial Pretreatment Program Application to Dispose of Contaminated Groundwater submitted on November 15, 2021 and approved on November 19, 2021.

Please be aware that the City has recently made updates to the Industrial Pretreatment Program Administrative Rule R4.0503-B, specifically revisions to Specific Restricted Substance Limitations (Local Limits) that can be found [here](#). I have updated the attached Application to Dispose of Contaminated Groundwater with these revisions. Please refer to the updated application as an addendum to the application on file submitted on November 15, 2021. Note, I also approve the increase of storage drum volume, currently 85-gallon from the previously approved 55-gallon drum referenced in the November 2021 application.

As a reminder, please keep a running total of discharge volume and submit for future billing. The last billing was done in May 2022 (see attachment), so let's get caught up to current date. Please provide an updated spreadsheet of discharge events from the former Springvilla Dry Cleaner site from May 2022 to date.

Please let me know if you have any questions.

Thanks,
Shawn

Shawn Krueger |Environmental Services Supervisor |541.736.1018 (office) |541.914.8846 (cell)

From: Guy Tanz <gtanz@pngenv.com>
Sent: Wednesday, November 1, 2023 12:45 PM
To: KRUEGER Shawn <skrueger@springfield-or.gov>
Subject: 1176 2023 October Semi-Annual Monitoring Event, Former Springvilla Discharge Request Under Blanket Temporary Discharge Authorization

****| WARNING: This email originated from outside of your organization. Please do not click on links or open attachments unless you know the content is safe. |****

Shawn:

Please find attached the laboratory analytical report and chain-of-custody documentation for one water sample collected from one 85 gallon drum (total of 80 gallons), generated as part of ongoing investigation activities regarding

the former Springvillla Dry Cleaner located at 1459 Mohawk Boulevard in Springfield. The drum contents consist of monitoring well sampling purge water generated between October 10 through October 19, 2023.

Upon completion of monitoring well sampling, the drum was sampled using laboratory supplied containers. Sampling was completed on October 23, 2023. All containers were transported under chain-of-custody documentation to Pace Laboratory in Mt. Juliet, Tennessee. Laboratory analytical parameters selected were in accordance to those required under the City of Springfield Industrial Pretreatment Program Application to Dispose of Contaminated Groundwater submitted on November 15, 2021 and approved on November 19, 2021.

The laboratory analytical results are summarized on Table 1 and the analytical report is attached. Where established, all concentrations of analyzed parameters are below City of Springfield Specific Substance Limitations.

Based on the preceding, we respectfully request approval to discharge the 80 gallons of water under our November 19, 2021 Temporary Discharge Authorization (blanket discharge permit).

Please note that DEQ has requested on-going and regularly scheduled groundwater monitoring at the former Springvillla site. As such, semi-annual monitoring will continue in 2024 with the next event in April 2024. We respectfully request maintaining the current permit as usable for the 2024 calendar year, or until which time the City requests an update of the permit.

Thank you very much for your consideration of the above request. Please contact me if you have any questions, and please advise.

Best regards, 

Guy

Guy Tanz, R.G., L.G.
PNG Environmental, Inc.
Senior Geologist
6665 SW Hampton St., Suite 101
Tigard, Oregon 97223
503.620.5714 Direct
503.853.1295 Cell

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Table 1
Investigation Derived Waste Laboratory Analytical Results (mg/L) Sentinel Well Installation
Former Springvillla Dry Cleaner
Springfield, Oregon

Sample ID	Date Sampled	Volume (gallons)	Voatile Organic Compounds							Total Metals								Other Required Parameters									
			Benzene	Toluene	Ethylbenzene	Total Xylenes	PCE	TCE	Total VOCs ^a	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Silver	Zinc	TPH Oil/Grease	Total Cyanide	Total Phenols	BOD	TSS	pH - Lab	pH - Field	Ammonia Nitrogen	Total Phosphorus
IDW-Water	10/23/2023	80	0.0005 U	0.0005 U	0.0005 U	0.0015 U	0.0075	0.0145	0.0121	0.002 U	0.001 U	0.002	0.005 U	0.002 U	0.0002 U	0.003	0.002 U	0.025 U	5.6 U	0.005	0.04 U	11.6	14.8	7.72	7.37	6.48	0.35
	Total -->	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
City of Springfield Specific Restricted Substance Limitations																			100	2.6	3.5	-	-	5.5 - 12	5.5 - 12	-	-
			0.05	0.2	0.2	0.2	-	-	2.1	0.3	0.3	2	1.5	1.4	0.05	1.7	0.8	1.6									

Notes:
^a Total VOCs includes the sum of all detected results from the entire 72 compound list analyzed by Method 8260D.
Volatile Organic Compounds (VOCs) (GC/MS) analyzed by Method 8260D
Total Metals analyzed by Method 6010B
Mercury analyzed by Method 7470A
TPH Oil and Grease analyzed by Method 1664A
Cyanide analyzed by Method 4500CN E-2011
Total Phenols analyzed by Method 9066
Biochemical Oxygen Demand (BOD) analyzed by Method 5210 B-2011
Total Suspended Solids (TSS) analyzed by Method 5240 D-2011
pH analyzed by Method 9040C and measured in standard units
Ammonia Nitrogen analyzed by Method 350.1
Total Phosphorus analyzed by Method 365.4
mg/L = Milligrams per liter
PCE = tetrachloroethene
TCE = trichloroethene

[illegible]

PNG Environmental

Sample Delivery Group: L1669443
Samples Received: 10/24/2023
Project Number: 1176
Description:
Site: SPRINGFIELD, OR
Report To: Guy Tanz
6665 SW Hampton St., Suite 101
Tigard, OR 97223

Entire Report Reviewed By:



Brian Ford
Project Manager

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

Pace Analytical National

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

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

SAMPLE SUMMARY

TB-102323 L1669443-01 GW

Collected by
Jay G

Collected date/time
10/23/23 09:39

Received date/time
10/24/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159874	1	10/28/23 12:15	10/28/23 12:15	JAH	Mt. Juliet, TN

IDW-WATER L1669443-02 GW

Collected by
Jay G

Collected date/time
10/23/23 10:15

Received date/time
10/24/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 D-2011	WG2159564	1	10/27/23 16:24	10/27/23 18:11	JAC	Mt. Juliet, TN
Wet Chemistry by Method 1664A	WG2158180	1	10/25/23 14:32	10/26/23 17:25	WAW	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2157546	1	10/25/23 17:28	10/25/23 17:28	LAS	Mt. Juliet, TN
Wet Chemistry by Method 365.4	WG2159568	1	10/26/23 16:19	10/27/23 17:51	UNP	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2011	WG2155667	1	10/27/23 09:44	10/27/23 16:37	UNP	Mt. Juliet, TN
Wet Chemistry by Method 5210 B-2016	WG2156880	1	10/24/23 16:13	10/29/23 11:21	EAO	Mt. Juliet, TN
Wet Chemistry by Method 9040C	WG2157192	1	10/26/23 10:53	10/26/23 10:53	ARD	Mt. Juliet, TN
Wet Chemistry by Method 9066	WG2155456	1	10/24/23 16:16	10/24/23 23:22	LDT	Mt. Juliet, TN
Mercury by Method 7470A	WG2157284	1	10/28/23 12:28	10/30/23 11:25	NDL	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2158283	1	10/27/23 03:48	10/30/23 21:45	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2159874	1	10/28/23 13:31	10/28/23 13:31	JAH	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

CASE NARRATIVE

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



Brian Ford
Project Manager

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

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	25.0	1	10/28/2023 12:15	WG2159874
Acrylonitrile	ND		5.00	1	10/28/2023 12:15	WG2159874
Benzene	ND		0.500	1	10/28/2023 12:15	WG2159874
Bromobenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
Bromodichloromethane	ND		0.500	1	10/28/2023 12:15	WG2159874
Bromochloromethane	ND		0.500	1	10/28/2023 12:15	WG2159874
Bromoform	ND		0.500	1	10/28/2023 12:15	WG2159874
Bromomethane	ND		2.50	1	10/28/2023 12:15	WG2159874
n-Butylbenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
sec-Butylbenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
tert-Butylbenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
Carbon disulfide	ND		0.500	1	10/28/2023 12:15	WG2159874
Carbon tetrachloride	ND		0.500	1	10/28/2023 12:15	WG2159874
Chlorobenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
Chlorodibromomethane	ND		0.500	1	10/28/2023 12:15	WG2159874
Chloroethane	ND		2.50	1	10/28/2023 12:15	WG2159874
Chloroform	ND		0.500	1	10/28/2023 12:15	WG2159874
Chloromethane	ND		1.25	1	10/28/2023 12:15	WG2159874
2-Chlorotoluene	ND		0.500	1	10/28/2023 12:15	WG2159874
4-Chlorotoluene	ND		0.500	1	10/28/2023 12:15	WG2159874
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 12:15	WG2159874
1,2-Dibromoethane	ND		0.500	1	10/28/2023 12:15	WG2159874
Dibromomethane	ND	C3 J4	0.500	1	10/28/2023 12:15	WG2159874
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 12:15	WG2159874
1,1-Dichloroethane	ND		0.500	1	10/28/2023 12:15	WG2159874
1,2-Dichloroethane	ND	C3	0.500	1	10/28/2023 12:15	WG2159874
1,1-Dichloroethene	ND		0.500	1	10/28/2023 12:15	WG2159874
cis-1,2-Dichloroethene	ND		0.500	1	10/28/2023 12:15	WG2159874
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 12:15	WG2159874
1,2-Dichloropropane	ND		0.500	1	10/28/2023 12:15	WG2159874
1,1-Dichloropropene	ND		0.500	1	10/28/2023 12:15	WG2159874
1,3-Dichloropropane	ND		1.00	1	10/28/2023 12:15	WG2159874
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 12:15	WG2159874
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 12:15	WG2159874
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 12:15	WG2159874
2,2-Dichloropropane	ND		0.500	1	10/28/2023 12:15	WG2159874
Di-isopropyl ether	ND		0.500	1	10/28/2023 12:15	WG2159874
Ethylbenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 12:15	WG2159874
2-Hexanone	ND		5.00	1	10/28/2023 12:15	WG2159874
n-Hexane	ND		5.00	1	10/28/2023 12:15	WG2159874
Iodomethane	ND		5.00	1	10/28/2023 12:15	WG2159874
Isopropylbenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
p-Isopropyltoluene	ND		0.500	1	10/28/2023 12:15	WG2159874
2-Butanone (MEK)	ND	C3	5.00	1	10/28/2023 12:15	WG2159874
Methylene Chloride	ND		2.50	1	10/28/2023 12:15	WG2159874
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 12:15	WG2159874
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 12:15	WG2159874
Naphthalene	ND	C3	2.50	1	10/28/2023 12:15	WG2159874
n-Propylbenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
Styrene	ND		0.500	1	10/28/2023 12:15	WG2159874
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 12:15	WG2159874
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 12:15	WG2159874

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

TB-102323

SAMPLE RESULTS - 01

Collected date/time: 10/23/23 09:39

L1669443

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 12:15	WG2159874
Tetrachloroethene	ND		0.500	1	10/28/2023 12:15	WG2159874
Toluene	ND		0.500	1	10/28/2023 12:15	WG2159874
1,2,3-Trichlorobenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 12:15	WG2159874
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 12:15	WG2159874
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 12:15	WG2159874
Trichloroethene	ND		0.500	1	10/28/2023 12:15	WG2159874
Trichlorofluoromethane	ND		2.50	1	10/28/2023 12:15	WG2159874
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 12:15	WG2159874
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 12:15	WG2159874
Vinyl acetate	ND	C3	5.00	1	10/28/2023 12:15	WG2159874
Vinyl chloride	ND		0.500	1	10/28/2023 12:15	WG2159874
Xylenes, Total	ND		1.50	1	10/28/2023 12:15	WG2159874
(S) Toluene-d8	116		80.0-120		10/28/2023 12:15	WG2159874
(S) 4-Bromofluorobenzene	85.9		77.0-126		10/28/2023 12:15	WG2159874
(S) 1,2-Dichloroethane-d4	88.6		70.0-130		10/28/2023 12:15	WG2159874

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

Gravimetric Analysis by Method 2540 D-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Suspended Solids	14800		5000	1	10/27/2023 18:11	WG2159564

Wet Chemistry by Method 1664A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH - Oil & Grease	ND		5560	1	10/26/2023 17:25	WG2158180

Sample Narrative:

L1669443-02 WG2158180: Total Oil&Grease is non-detect. Extract was not processed through silica gel.

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Ammonia Nitrogen	6480		250	1	10/25/2023 17:28	WG2157546

Wet Chemistry by Method 365.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Phosphorus, Total	352		100	1	10/27/2023 17:51	WG2159568

Wet Chemistry by Method 4500CN E-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Cyanide	ND		5.00	1	10/27/2023 16:37	WG2155667

Wet Chemistry by Method 5210 B-2016

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
BOD	11600	B1	3330	1	10/29/2023 11:21	WG2156880

Wet Chemistry by Method 9040C

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	7.72	T8	1	10/26/2023 10:53	WG2157192

Sample Narrative:

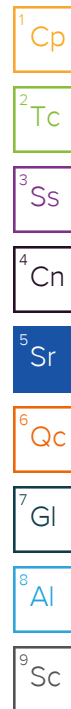
L1669443-02 WG2157192: 7.72 at 20.8C

Wet Chemistry by Method 9066

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Total Phenol by 4AAP	ND		40.0	1	10/24/2023 23:22	WG2155456

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Mercury	ND		0.200	1	10/30/2023 11:25	WG2157284



IDW-WATER

Collected date/time: 10/23/23 10:15

SAMPLE RESULTS - 02

L1669443

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Arsenic	ND		2.00	1	10/30/2023 21:45	WG2158283
Cadmium	ND		1.00	1	10/30/2023 21:45	WG2158283
Chromium	ND		2.00	1	10/30/2023 21:45	WG2158283
Copper	ND		5.00	1	10/30/2023 21:45	WG2158283
Lead	ND		2.00	1	10/30/2023 21:45	WG2158283
Nickel	3.27		2.00	1	10/30/2023 21:45	WG2158283
Silver	ND		2.00	1	10/30/2023 21:45	WG2158283
Zinc	ND		25.0	1	10/30/2023 21:45	WG2158283

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	25.0	1	10/28/2023 13:31	WG2159874
Acrylonitrile	ND		5.00	1	10/28/2023 13:31	WG2159874
Benzene	ND		0.500	1	10/28/2023 13:31	WG2159874
Bromobenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
Bromodichloromethane	ND		0.500	1	10/28/2023 13:31	WG2159874
Bromochloromethane	ND		0.500	1	10/28/2023 13:31	WG2159874
Bromoform	ND		0.500	1	10/28/2023 13:31	WG2159874
Bromomethane	ND		2.50	1	10/28/2023 13:31	WG2159874
n-Butylbenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
sec-Butylbenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
tert-Butylbenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
Carbon disulfide	ND		0.500	1	10/28/2023 13:31	WG2159874
Carbon tetrachloride	ND		0.500	1	10/28/2023 13:31	WG2159874
Chlorobenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
Chlorodibromomethane	ND		0.500	1	10/28/2023 13:31	WG2159874
Chloroethane	ND		2.50	1	10/28/2023 13:31	WG2159874
Chloroform	ND		0.500	1	10/28/2023 13:31	WG2159874
Chloromethane	ND		1.25	1	10/28/2023 13:31	WG2159874
2-Chlorotoluene	ND		0.500	1	10/28/2023 13:31	WG2159874
4-Chlorotoluene	ND		0.500	1	10/28/2023 13:31	WG2159874
1,2-Dibromo-3-Chloropropane	ND		2.50	1	10/28/2023 13:31	WG2159874
1,2-Dibromoethane	ND		0.500	1	10/28/2023 13:31	WG2159874
Dibromomethane	ND	C3 J4	0.500	1	10/28/2023 13:31	WG2159874
1,2-Dichlorobenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
1,3-Dichlorobenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
1,4-Dichlorobenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
Dichlorodifluoromethane	ND		2.50	1	10/28/2023 13:31	WG2159874
1,1-Dichloroethane	ND		0.500	1	10/28/2023 13:31	WG2159874
1,2-Dichloroethane	ND	C3	0.500	1	10/28/2023 13:31	WG2159874
1,1-Dichloroethene	ND		0.500	1	10/28/2023 13:31	WG2159874
cis-1,2-Dichloroethene	3.94		0.500	1	10/28/2023 13:31	WG2159874
trans-1,2-Dichloroethene	ND		0.500	1	10/28/2023 13:31	WG2159874
1,2-Dichloropropane	ND		0.500	1	10/28/2023 13:31	WG2159874
1,1-Dichloropropene	ND		0.500	1	10/28/2023 13:31	WG2159874
1,3-Dichloropropane	ND		1.00	1	10/28/2023 13:31	WG2159874
cis-1,3-Dichloropropene	ND		0.500	1	10/28/2023 13:31	WG2159874
trans-1,3-Dichloropropene	ND		0.500	1	10/28/2023 13:31	WG2159874
trans-1,4-Dichloro-2-butene	ND		5.00	1	10/28/2023 13:31	WG2159874
2,2-Dichloropropane	ND		0.500	1	10/28/2023 13:31	WG2159874
Di-isopropyl ether	ND		0.500	1	10/28/2023 13:31	WG2159874
Ethylbenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
Hexachloro-1,3-butadiene	ND		1.00	1	10/28/2023 13:31	WG2159874
2-Hexanone	ND		5.00	1	10/28/2023 13:31	WG2159874
n-Hexane	ND		5.00	1	10/28/2023 13:31	WG2159874

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Iodomethane	ND		5.00	1	10/28/2023 13:31	WG2159874
Isopropylbenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
p-Isopropyltoluene	ND		0.500	1	10/28/2023 13:31	WG2159874
2-Butanone (MEK)	ND	C3	5.00	1	10/28/2023 13:31	WG2159874
Methylene Chloride	ND		2.50	1	10/28/2023 13:31	WG2159874
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	10/28/2023 13:31	WG2159874
Methyl tert-butyl ether	ND		0.500	1	10/28/2023 13:31	WG2159874
Naphthalene	ND	C3	2.50	1	10/28/2023 13:31	WG2159874
n-Propylbenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
Styrene	ND		0.500	1	10/28/2023 13:31	WG2159874
1,1,1,2-Tetrachloroethane	ND		0.500	1	10/28/2023 13:31	WG2159874
1,1,2,2-Tetrachloroethane	ND		0.500	1	10/28/2023 13:31	WG2159874
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	10/28/2023 13:31	WG2159874
Tetrachloroethene	7.53		0.500	1	10/28/2023 13:31	WG2159874
Toluene	ND		0.500	1	10/28/2023 13:31	WG2159874
1,2,3-Trichlorobenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
1,2,4-Trichlorobenzene	ND		1.00	1	10/28/2023 13:31	WG2159874
1,1,1-Trichloroethane	ND		0.500	1	10/28/2023 13:31	WG2159874
1,1,2-Trichloroethane	ND		0.500	1	10/28/2023 13:31	WG2159874
Trichloroethene	14.5		0.500	1	10/28/2023 13:31	WG2159874
Trichlorofluoromethane	ND		2.50	1	10/28/2023 13:31	WG2159874
1,2,3-Trichloropropane	ND		2.50	1	10/28/2023 13:31	WG2159874
1,2,4-Trimethylbenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
1,2,3-Trimethylbenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
1,3,5-Trimethylbenzene	ND		0.500	1	10/28/2023 13:31	WG2159874
Vinyl acetate	ND	C3	5.00	1	10/28/2023 13:31	WG2159874
Vinyl chloride	0.580		0.500	1	10/28/2023 13:31	WG2159874
Xylenes, Total	ND		1.50	1	10/28/2023 13:31	WG2159874
(S) Toluene-d8	118		80.0-120		10/28/2023 13:31	WG2159874
(S) 4-Bromofluorobenzene	87.8		77.0-126		10/28/2023 13:31	WG2159874
(S) 1,2-Dichloroethane-d4	89.8		70.0-130		10/28/2023 13:31	WG2159874

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

Method Blank (MB)

(MB) R3992736-1 10/27/23 18:11

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Suspended Solids	U		2500	2500

L1669019-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1669019-01 10/27/23 18:11 • (DUP) R3992736-3 10/27/23 18:11

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Suspended Solids	133000	127000	1	4.62		5

L1669476-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1669476-01 10/27/23 18:11 • (DUP) R3992736-4 10/27/23 18:11

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Suspended Solids	89000	91000	1	2.22		5

Laboratory Control Sample (LCS)

(LCS) R3992736-2 10/27/23 18:11

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Suspended Solids	773000	780000	101	85.7-114	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3991711-1 10/26/23 17:25

Analyte	MB Result ug/l	<u>MB Qualifier</u>	MB MDL ug/l	MB RDL ug/l
TPH - Oil & Grease	U		725	5000

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

(LCS) R3991711-2 10/26/23 17:25 • (LCSD) R3991711-3 10/26/23 17:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
TPH - Oil & Grease	20000	19300	18600	96.5	93.0	64.0-132			3.69	34

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3991131-1 10/25/23 16:50

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Ammonia Nitrogen	U		117	250

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1669439-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1669439-04 10/25/23 17:06 • (DUP) R3991131-3 10/25/23 17:07

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Ammonia Nitrogen	ND	ND	1	0.000		10

L1669439-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1669439-07 10/25/23 17:18 • (DUP) R3991131-5 10/25/23 17:19

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Ammonia Nitrogen	ND	ND	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R3991131-2 10/25/23 16:52

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Ammonia Nitrogen	7500	7420	99.0	90.0-110	

L1669439-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1669439-06 10/25/23 17:15 • (MS) R3991131-4 10/25/23 17:16

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Ammonia Nitrogen	5000	ND	5020	100	1	90.0-110	

L1669440-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1669440-02 10/25/23 17:22 • (MS) R3991131-6 10/25/23 17:24 • (MSD) R3991131-7 10/25/23 17:25

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Ammonia Nitrogen	5000	ND	5160	5280	103	106	1	90.0-110			2.34	10

Method Blank (MB)

(MB) R3992260-1 10/27/23 17:46

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Phosphorus,Total	U		35.0	100

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1669569-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1669569-02 10/27/23 18:01 • (DUP) R3992260-5 10/27/23 18:03

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Phosphorus,Total	223	223	1	0.000		20

⁷Gl

⁸Al

Laboratory Control Sample (LCS)

(LCS) R3992260-2 10/27/23 17:47

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	ug/l	ug/l	%	%	
Phosphorus,Total	3420	3360	98.2	85.0-115	

⁹Sc

Method Blank (MB)

(MB) R3992208-1 10/27/23 15:49

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Cyanide	U		1.80	5.00

L1669347-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1669347-02 10/27/23 16:14 • (DUP) R3992208-5 10/27/23 16:15

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Cyanide	ND	ND	1	47.5	P1	20

L1669443-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1669443-02 10/27/23 16:37 • (DUP) R3992208-7 10/27/23 16:41

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Cyanide	ND	ND	1	9.33		20

Laboratory Control Sample (LCS)

(LCS) R3992208-2 10/27/23 15:51

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Cyanide	100	103	103	87.1-120	

L1669289-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1669289-02 10/27/23 16:08 • (MS) R3992208-3 10/27/23 16:09 • (MSD) R3992208-4 10/27/23 16:11

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Cyanide	100	ND	56.7	87.8	56.7	87.8	1	90.0-110	J6	J3 J6	43.0	20

Sample Narrative:

- OS: Boiled over during last hour of distillation
- MS: Spike failure due to matrix interference; Boiled over during last hour of distillation
- MSD: Spike failure due to matrix interference; Boiled over during last hour of distillation

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3992473-1 10/29/23 08:29

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
BOD	230	B1	200	200

L1669313-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1669313-01 10/29/23 08:59 • (DUP) R3992473-3 10/29/23 09:04

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
BOD	ND	ND	1	0		30

L1669337-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1669337-09 10/29/23 10:56 • (DUP) R3992473-4 10/29/23 11:06

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
BOD	15500	14200	1	9.02		30

Laboratory Control Sample (LCS)

(LCS) R3992473-2 10/29/23 08:41

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
BOD	198000	188000	95.2	84.6-115	

Laboratory Control Sample (LCS)

(LCS) R3992473-5 10/29/23 11:44

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
BOD	198000	202000	102	84.6-115	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1669449-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1669449-01 10/26/23 10:53 • (DUP) R3991408-2 10/26/23 10:53

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	su	su		%		%
pH	11.1	11.1	1	0.0901		1

Sample Narrative:

OS: 11.1 at 20.7C

DUP: 11.09 at 20.7C

Laboratory Control Sample (LCS)

(LCS) R3991408-1 10/26/23 10:53

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	su	su	%	%	
pH	10.0	9.98	99.8	99.0-101	

Sample Narrative:

LCS: 9.98 at 20.5C

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R3990658-1 10/24/23 22:59

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Total Phenol by 4AAP	U		8.30	40.0

L1668671-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1668671-02 10/24/23 23:00 • (DUP) R3990658-3 10/24/23 23:01

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Total Phenol by 4AAP	ND	ND	1	27.1	P1	20

L1668677-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1668677-01 10/24/23 23:12 • (DUP) R3990658-6 10/24/23 23:13

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Total Phenol by 4AAP	168	175	1	4.08		20

Laboratory Control Sample (LCS)

(LCS) R3990658-2 10/24/23 23:00

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Total Phenol by 4AAP	500	525	105	90.0-110	

L1668671-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1668671-02 10/24/23 23:00 • (MS) R3990658-4 10/24/23 23:02 • (MSD) R3990658-5 10/24/23 23:03

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Total Phenol by 4AAP	1000	ND	1010	1060	97.7	103	1	90.0-110			4.83	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3992712-1 10/30/23 10:54

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Mercury	U		0.100	0.200

Laboratory Control Sample (LCS)

(LCS) R3992712-2 10/30/23 10:56

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Mercury	3.00	3.14	105	80.0-120	

L1669466-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1669466-01 10/30/23 10:59 • (MS) R3992712-3 10/30/23 11:01 • (MSD) R3992712-4 10/30/23 11:04

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Mercury	3.00	ND	3.07	3.10	102	103	1	75.0-125			1.06	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R3993040-1 10/30/23 21:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Arsenic	U		0.180	2.00
Cadmium	U		0.150	1.00
Chromium	U		1.24	2.00
Copper	U		1.51	5.00
Lead	U		0.849	2.00
Nickel	U		0.816	2.00
Silver	U		0.0700	2.00
Zinc	U		3.02	25.0

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R3993040-2 10/30/23 21:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	50.0	55.3	111	80.0-120	
Cadmium	50.0	54.1	108	80.0-120	
Chromium	50.0	54.5	109	80.0-120	
Copper	50.0	49.3	98.6	80.0-120	
Lead	50.0	52.5	105	80.0-120	
Nickel	50.0	54.1	108	80.0-120	
Silver	50.0	56.9	114	80.0-120	
Zinc	50.0	53.9	108	80.0-120	

L1669440-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1669440-02 10/30/23 21:06 • (MS) R3993040-4 10/30/23 21:13 • (MSD) R3993040-5 10/30/23 21:16

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 %
Arsenic	50.0	ND	52.6	55.2	105	110	1	75.0-125			4.80	20
Cadmium	50.0	ND	53.5	53.2	107	106	1	75.0-125			0.604	20
Chromium	50.0	ND	52.2	54.3	104	109	1	75.0-125			3.94	20
Copper	50.0	ND	48.5	47.9	95.1	93.9	1	75.0-125			1.17	20
Lead	50.0	ND	50.7	51.1	101	102	1	75.0-125			0.688	20
Nickel	50.0	ND	51.7	53.8	103	108	1	75.0-125			3.94	20
Silver	50.0	ND	56.0	56.3	112	113	1	75.0-125			0.411	20
Zinc	50.0	ND	48.4	54.0	96.9	108	1	75.0-125			10.9	20

Method Blank (MB)

(MB) R3992810-3 10/28/23 11:12

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromochloromethane	U		0.128	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
trans-1,4-Dichloro-2-butene	U		0.467	5.00
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3992810-3 10/28/23 11:12

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.137	0.500
Hexachloro-1,3-butadiene	U		0.337	1.00
2-Hexanone	U		0.787	5.00
n-Hexane	U		0.749	5.00
Iodomethane	U		0.554	5.00
Isopropylbenzene	U		0.105	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl acetate	U		0.692	5.00
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	118			80.0-120
(S) 4-Bromofluorobenzene	88.4			77.0-126
(S) 1,2-Dichloroethane-d4	86.9			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3992810-1 10/28/23 10:15 • (LCSD) R3992810-2 10/28/23 10:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	14.5	14.9	58.0	59.6	19.0-160			2.72	27
Acrylonitrile	25.0	23.7	25.3	94.8	101	55.0-149			6.53	20
Benzene	5.00	4.56	4.58	91.2	91.6	70.0-123			0.438	20
Bromobenzene	5.00	5.40	5.26	108	105	73.0-121			2.63	20
Bromodichloromethane	5.00	4.43	4.46	88.6	89.2	75.0-120			0.675	20
Bromochloromethane	5.00	4.07	4.03	81.4	80.6	76.0-122			0.988	20
Bromoform	5.00	5.45	5.32	109	106	68.0-132			2.41	20
Bromomethane	5.00	4.42	4.47	88.4	89.4	10.0-160			1.12	25
n-Butylbenzene	5.00	4.67	4.66	93.4	93.2	73.0-125			0.214	20
sec-Butylbenzene	5.00	5.34	5.20	107	104	75.0-125			2.66	20
tert-Butylbenzene	5.00	5.19	5.03	104	101	76.0-124			3.13	20
Carbon disulfide	5.00	4.64	4.78	92.8	95.6	61.0-128			2.97	20
Carbon tetrachloride	5.00	4.58	4.34	91.6	86.8	68.0-126			5.38	20
Chlorobenzene	5.00	5.37	5.41	107	108	80.0-121			0.742	20
Chlorodibromomethane	5.00	5.46	5.44	109	109	77.0-125			0.367	20
Chloroethane	5.00	4.52	4.22	90.4	84.4	47.0-150			6.86	20
Chloroform	5.00	4.22	4.28	84.4	85.6	73.0-120			1.41	20
Chloromethane	5.00	5.46	5.32	109	106	41.0-142			2.60	20
2-Chlorotoluene	5.00	5.25	5.10	105	102	76.0-123			2.90	20
4-Chlorotoluene	5.00	4.99	5.20	99.8	104	75.0-122			4.12	20
1,2-Dibromo-3-Chloropropane	5.00	4.62	4.73	92.4	94.6	58.0-134			2.35	20
1,2-Dibromoethane	5.00	5.01	5.14	100	103	80.0-122			2.56	20
Dibromomethane	5.00	3.91	4.11	78.2	82.2	80.0-120	J4		4.99	20
1,2-Dichlorobenzene	5.00	5.28	5.28	106	106	79.0-121			0.000	20
1,3-Dichlorobenzene	5.00	5.08	5.19	102	104	79.0-120			2.14	20
1,4-Dichlorobenzene	5.00	5.41	5.57	108	111	79.0-120			2.91	20
Dichlorodifluoromethane	5.00	5.40	5.43	108	109	51.0-149			0.554	20
1,1-Dichloroethane	5.00	4.56	4.43	91.2	88.6	70.0-126			2.89	20
1,2-Dichloroethane	5.00	3.71	3.72	74.2	74.4	70.0-128			0.269	20
1,1-Dichloroethene	5.00	5.19	5.24	104	105	71.0-124			0.959	20
cis-1,2-Dichloroethene	5.00	4.34	4.43	86.8	88.6	73.0-120			2.05	20
trans-1,2-Dichloroethene	5.00	4.60	4.40	92.0	88.0	73.0-120			4.44	20
1,2-Dichloropropane	5.00	4.45	4.54	89.0	90.8	77.0-125			2.00	20
1,1-Dichloropropene	5.00	4.57	4.67	91.4	93.4	74.0-126			2.16	20
1,3-Dichloropropane	5.00	5.42	5.29	108	106	80.0-120			2.43	20
cis-1,3-Dichloropropene	5.00	4.37	4.50	87.4	90.0	80.0-123			2.93	20
trans-1,3-Dichloropropene	5.00	5.00	4.96	100	99.2	78.0-124			0.803	20
trans-1,4-Dichloro-2-butene	5.00	4.13	4.27	82.6	85.4	33.0-144			3.33	20
2,2-Dichloropropane	5.00	4.09	3.97	81.8	79.4	58.0-130			2.98	20
Di-isopropyl ether	5.00	4.41	4.40	88.2	88.0	58.0-138			0.227	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R3992810-1 10/28/23 10:15 • (LCSD) R3992810-2 10/28/23 10:34

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Ethylbenzene	5.00	4.85	4.96	97.0	99.2	79.0-123			2.24	20
Hexachloro-1,3-butadiene	5.00	5.10	4.91	102	98.2	54.0-138			3.80	20
2-Hexanone	25.0	22.5	24.0	90.0	96.0	67.0-149			6.45	20
n-Hexane	5.00	4.92	5.14	98.4	103	57.0-133			4.37	20
Iodomethane	25.0	23.4	23.3	93.6	93.2	33.0-147			0.428	26
Isopropylbenzene	5.00	4.79	4.76	95.8	95.2	76.0-127			0.628	20
p-Isopropyltoluene	5.00	5.12	4.96	102	99.2	76.0-125			3.17	20
2-Butanone (MEK)	25.0	16.7	17.9	66.8	71.6	44.0-160			6.94	20
Methylene Chloride	5.00	4.01	4.44	80.2	88.8	67.0-120			10.2	20
4-Methyl-2-pentanone (MIBK)	25.0	23.6	24.3	94.4	97.2	68.0-142			2.92	20
Methyl tert-butyl ether	5.00	4.05	3.78	81.0	75.6	68.0-125			6.90	20
Naphthalene	5.00	3.44	3.58	68.8	71.6	54.0-135			3.99	20
n-Propylbenzene	5.00	5.48	5.42	110	108	77.0-124			1.10	20
Styrene	5.00	4.24	4.56	84.8	91.2	73.0-130			7.27	20
1,1,1,2-Tetrachloroethane	5.00	5.42	5.36	108	107	75.0-125			1.11	20
1,1,2,2-Tetrachloroethane	5.00	5.59	5.70	112	114	65.0-130			1.95	20
1,1,2-Trichlorotrifluoroethane	5.00	4.11	3.78	82.2	75.6	69.0-132			8.37	20
Tetrachloroethene	5.00	5.46	6.03	109	121	72.0-132			9.92	20
Toluene	5.00	5.56	5.41	111	108	79.0-120			2.73	20
1,2,3-Trichlorobenzene	5.00	4.72	4.59	94.4	91.8	50.0-138			2.79	20
1,2,4-Trichlorobenzene	5.00	4.83	4.55	96.6	91.0	57.0-137			5.97	20
1,1,1-Trichloroethane	5.00	4.06	3.91	81.2	78.2	73.0-124			3.76	20
1,1,2-Trichloroethane	5.00	5.38	5.42	108	108	80.0-120			0.741	20
Trichloroethene	5.00	4.59	4.52	91.8	90.4	78.0-124			1.54	20
Trichlorofluoromethane	5.00	4.64	4.71	92.8	94.2	59.0-147			1.50	20
1,2,3-Trichloropropane	5.00	5.25	5.67	105	113	73.0-130			7.69	20
1,2,4-Trimethylbenzene	5.00	4.85	4.82	97.0	96.4	76.0-121			0.620	20
1,2,3-Trimethylbenzene	5.00	5.00	5.01	100	100	77.0-120			0.200	20
1,3,5-Trimethylbenzene	5.00	5.12	5.19	102	104	76.0-122			1.36	20
Vinyl acetate	25.0	17.0	17.6	68.0	70.4	11.0-160			3.47	20
Vinyl chloride	5.00	5.10	5.16	102	103	67.0-131			1.17	20
Xylenes, Total	15.0	14.7	14.3	98.0	95.3	79.0-123			2.76	20
(S) Toluene-d8				115	117	80.0-120				
(S) 4-Bromofluorobenzene				89.3	91.4	77.0-126				
(S) 1,2-Dichloroethane-d4				84.8	87.9	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

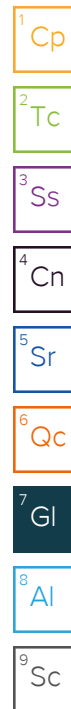
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

Abbreviations and Definitions

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

Qualifier	Description
B1	The blank depletion was greater than the recommended maximum depletion of 0.2mg/L.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
T8	Sample(s) received past/too close to holding time expiration.



ACCREDITATIONS & LOCATIONS

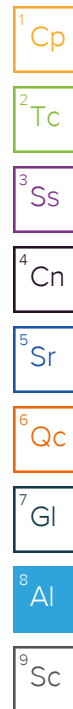
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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



Company Name/Address:

PNG Environmental

6665 SW Hampton St., Suite 101
Tigard, OR 97223

Billing Information:

Accounts Payable- Arla Johnson
6665 SW Hampton St. Suite 101
Tigard, OR 97223

Pres
Chk

Report to:

Guy Tanz

Project Description:

City/State
Collected:

Springfield, OR

Please Circle:
PT MT CT ET

Phone: **503-620-2387**

Client Project #
1176

Lab Project #
PNGENVTOR-SPRINGVILL

Collected by (print):

Site/Facility ID #
SPRINGFIELD, OR

P.O. #
1176

Collected by (signature):

Rush? (Lab MUST Be Notified)

Quote #

Immediately
Packed on Ice N ☐ Y ☒

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

Date Results Needed

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Analysis / Container / Preservative										Chain of Custody		Page 1 of 1
						VOCs 8260LL 40ml Amb-HCl	BOD	Ammonia, Total Phos	Cyanide	Metals COD	TPH Oil + Grease	TSS	Total Phenols	pH				
TB-102323	G	GW		10-23-23	0939	1	X											
IDW-Water	G	GW		L	1015	12	X	X	X	X	X	X	X	X				
		GW																
		GW																
		GW																
		GW																
		GW																
		GW																
		GW																
		GW																
		GW																
		GW																
		GW																

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

Remarks:

Metals COD = Ag, As, Cd, Cr, Cu, Hg, Ni, Pb, Zn

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:

UPS FedEx Courier

Tracking #

6643 4297 2267

Sample Receipt Checklist

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

Relinquished by: (Signature)

Date:

102323

Time:

21115

Received by: (Signature)

Trip Blank Received: Yes/No

1 ☒ HCl/MeOH ☐ TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp **24.0** °C

Bottles Received: **12**

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Christopher Hallen

Date: **10/24/23**

Time: **0900**

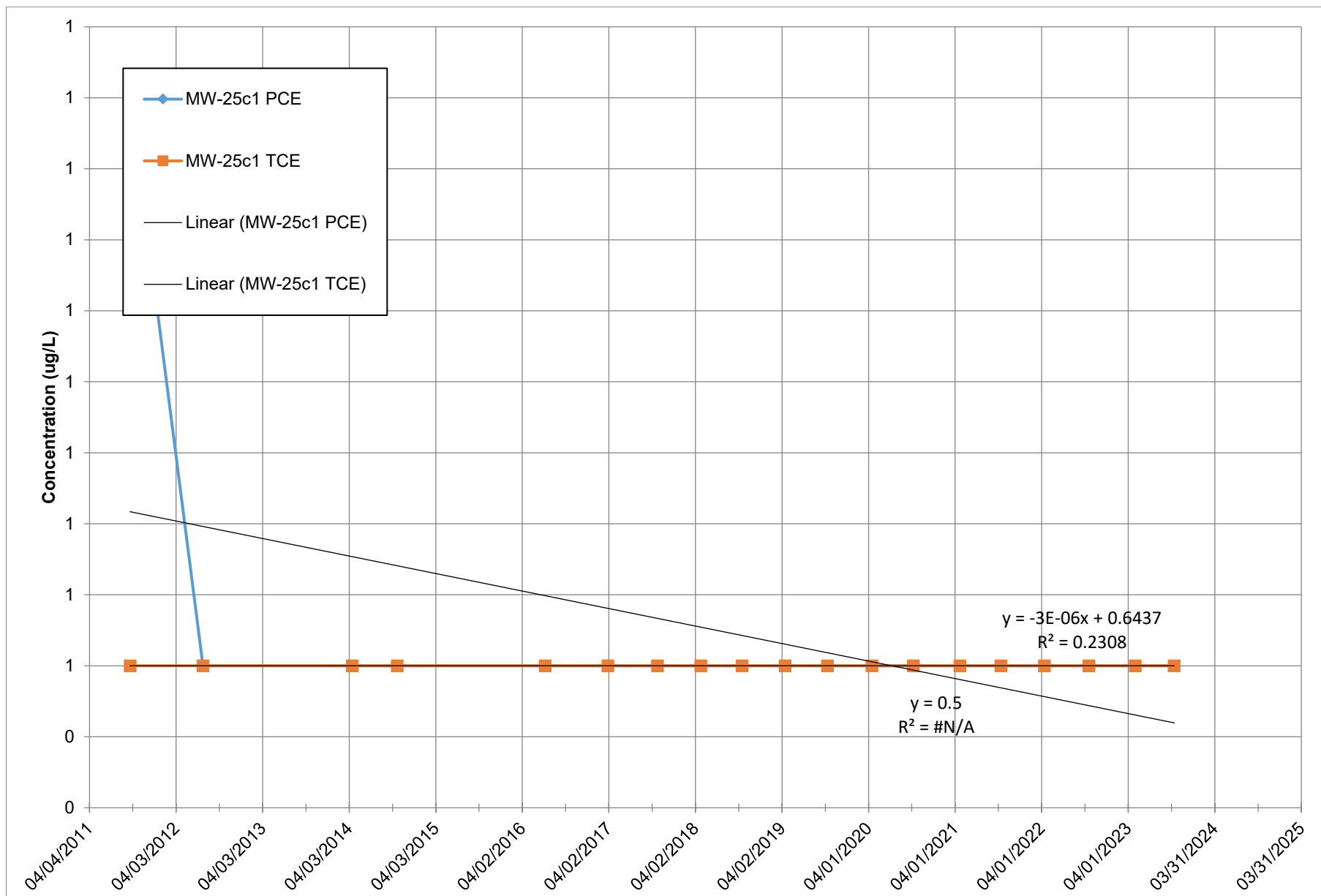
Hold:

Condition:

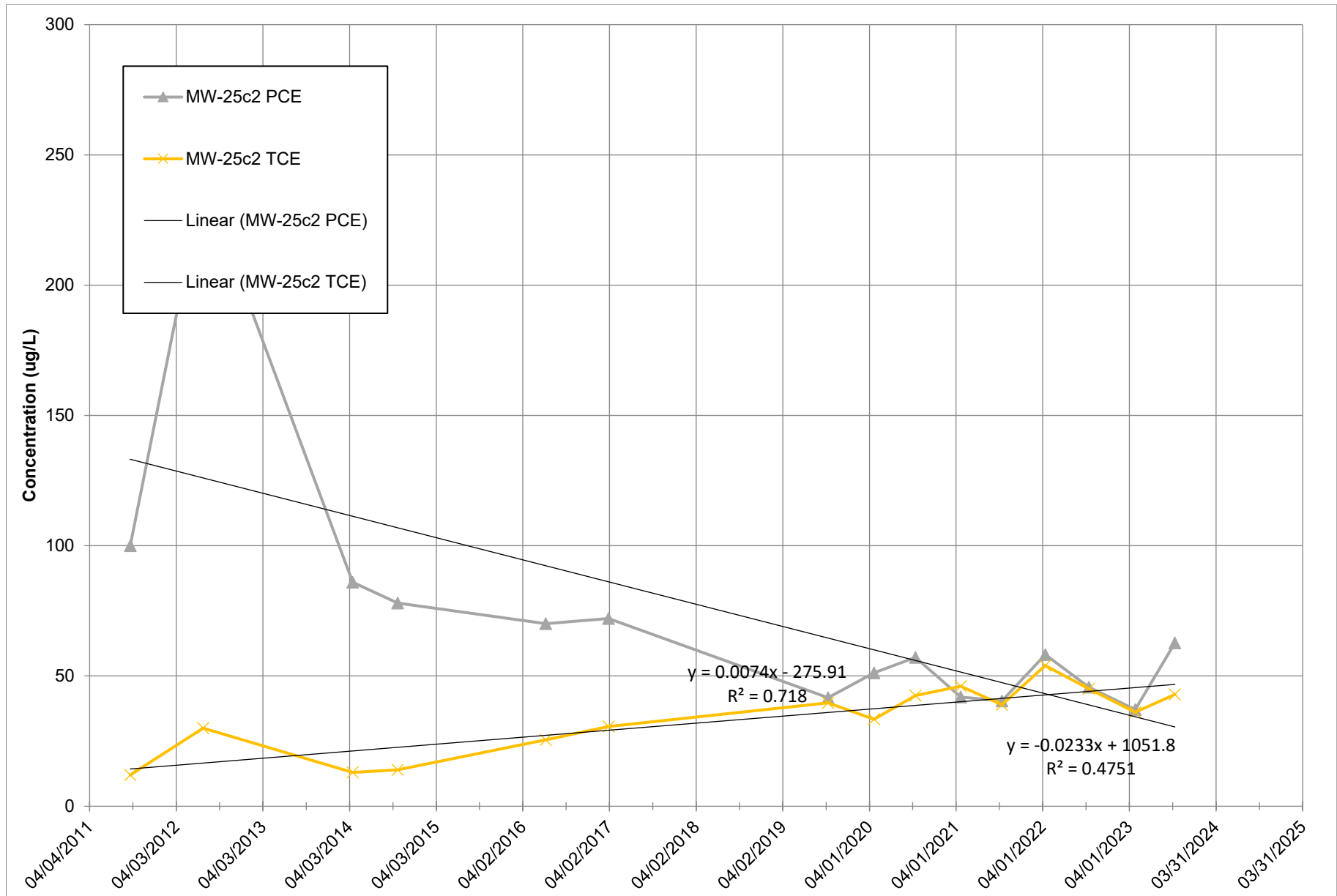
NCF / ☒ OK

APPENDIX D
PCE-TCE CONCENTRATION CHARTS

**Figure MW-25c1 Shallow
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner**



**Figure MW-25c2 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner**



**Figure MW-25c3 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner**

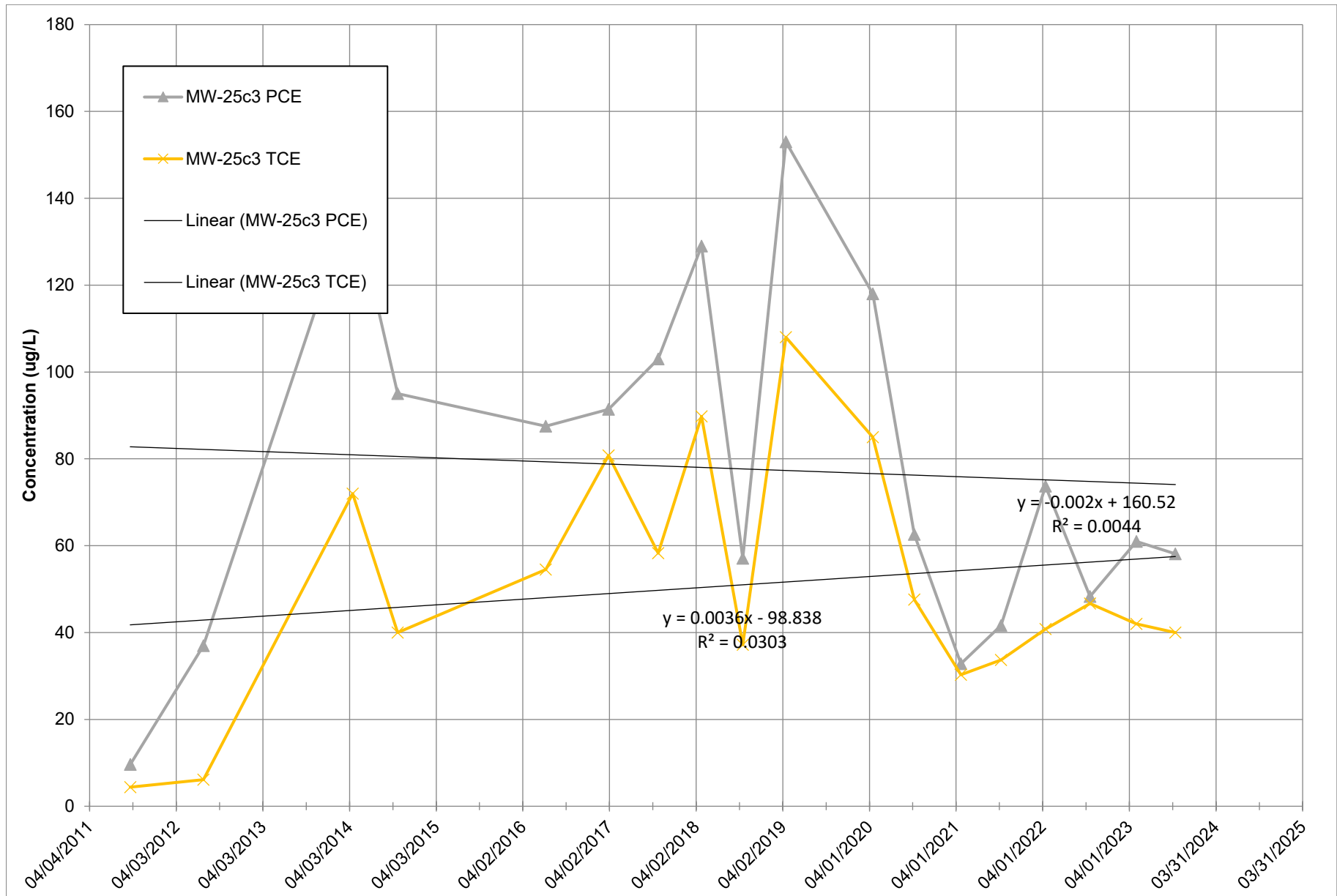


Figure MW-25c4 Intermediate
PCE and TCE in Groundwater
 Former Springvilla Dry Cleaner

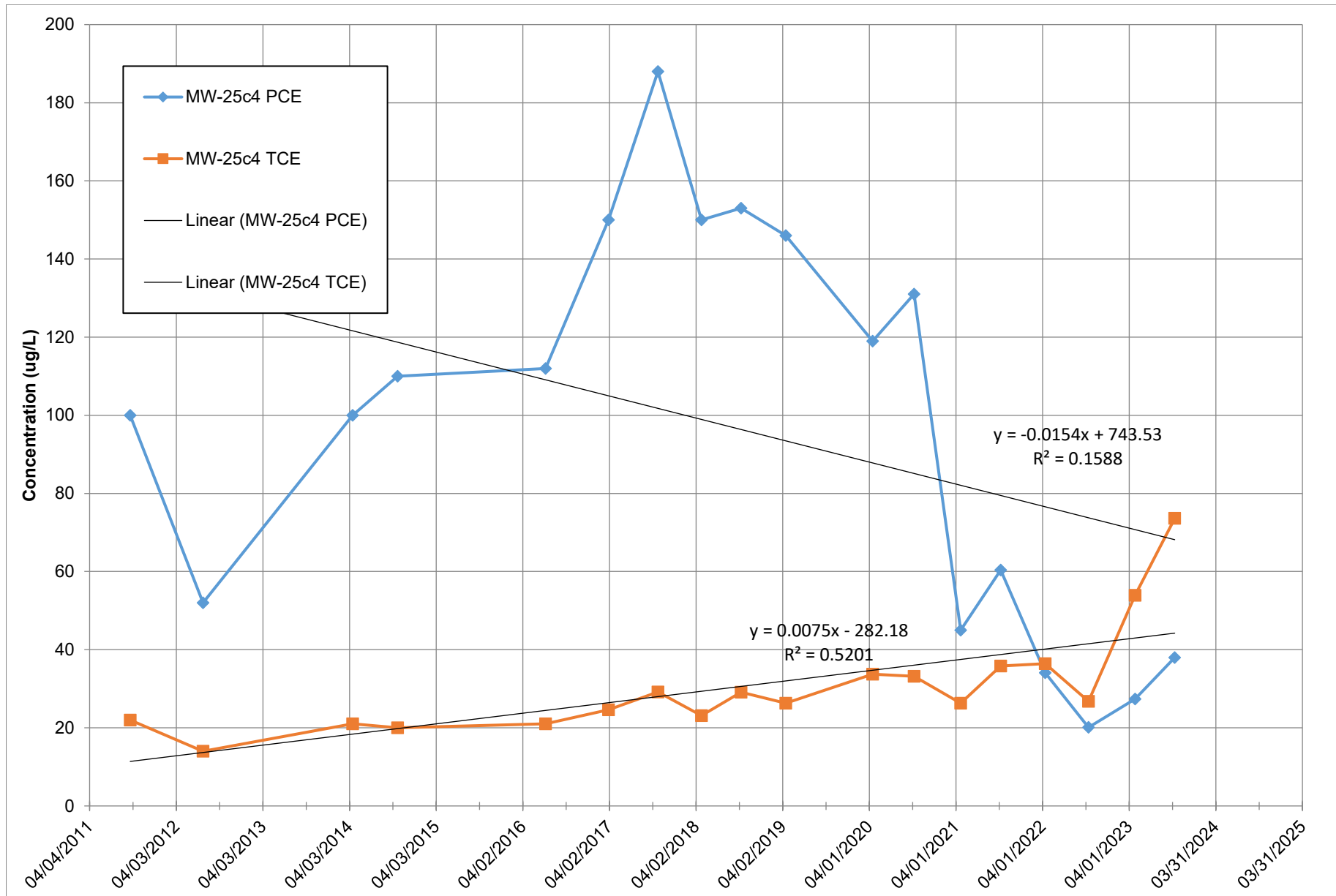
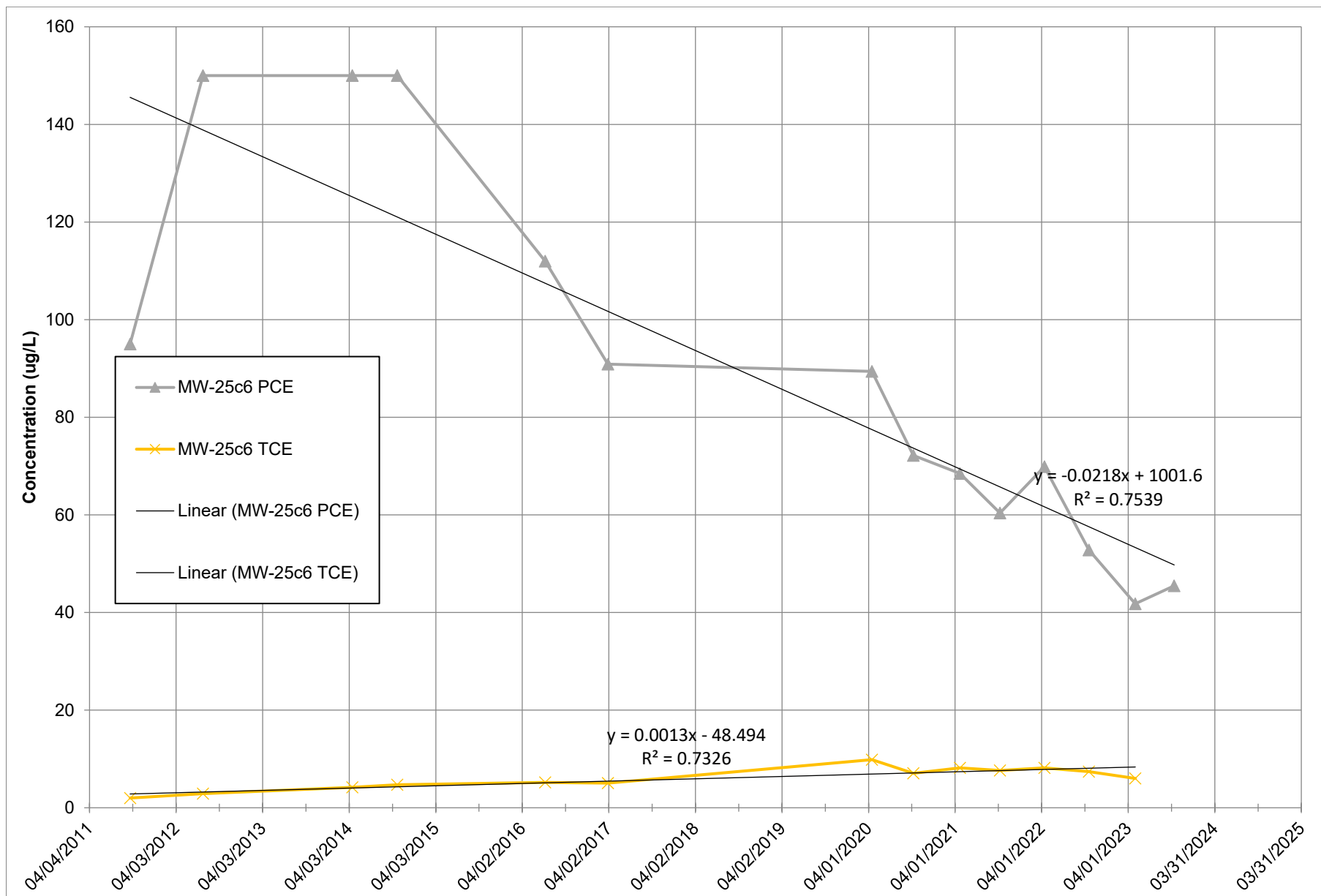
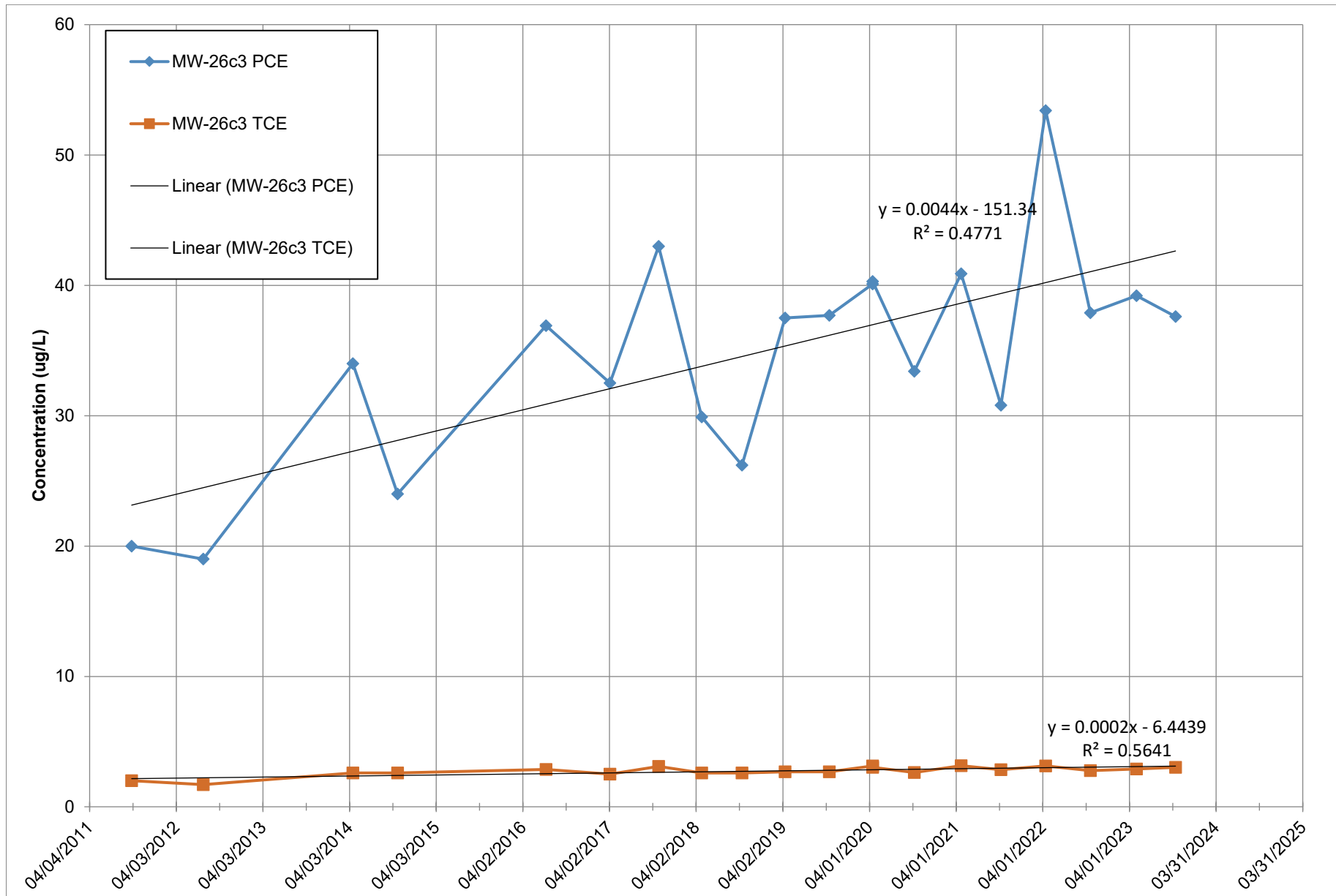


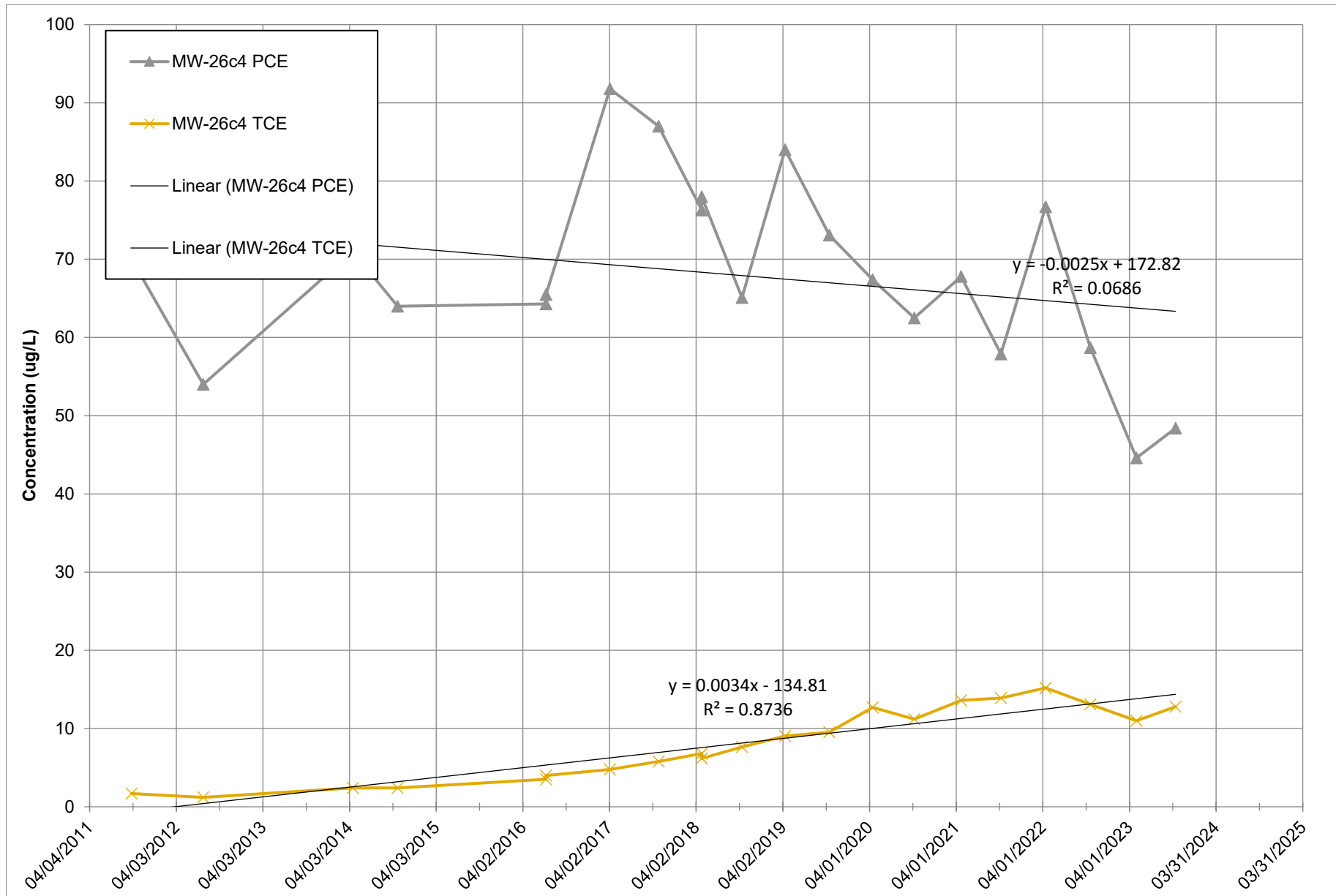
Figure MW-25c6 Deep
PCE and TCE in Groundwater
 Former Springvilla Dry Cleaner



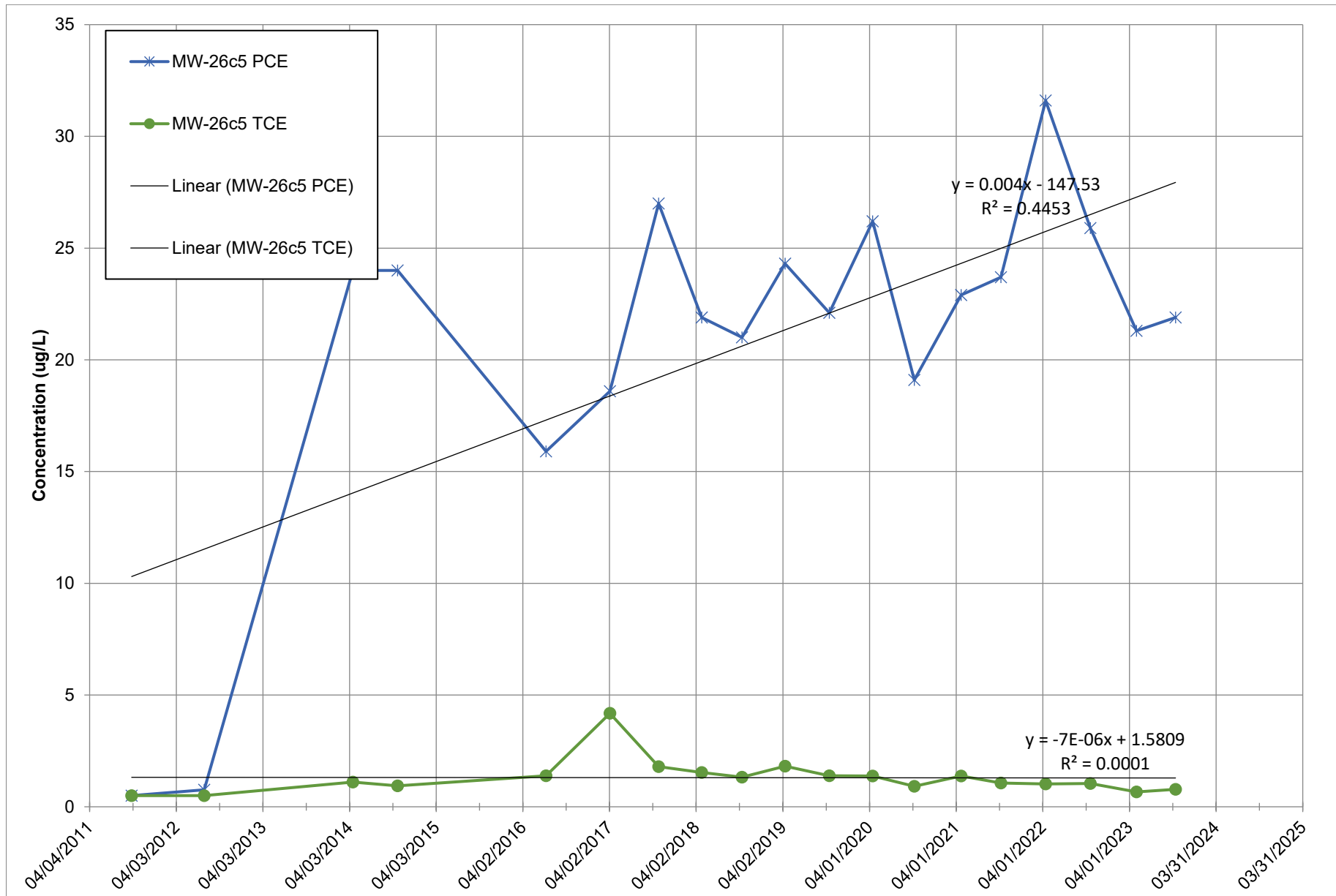
**Figure MW-26c3 Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



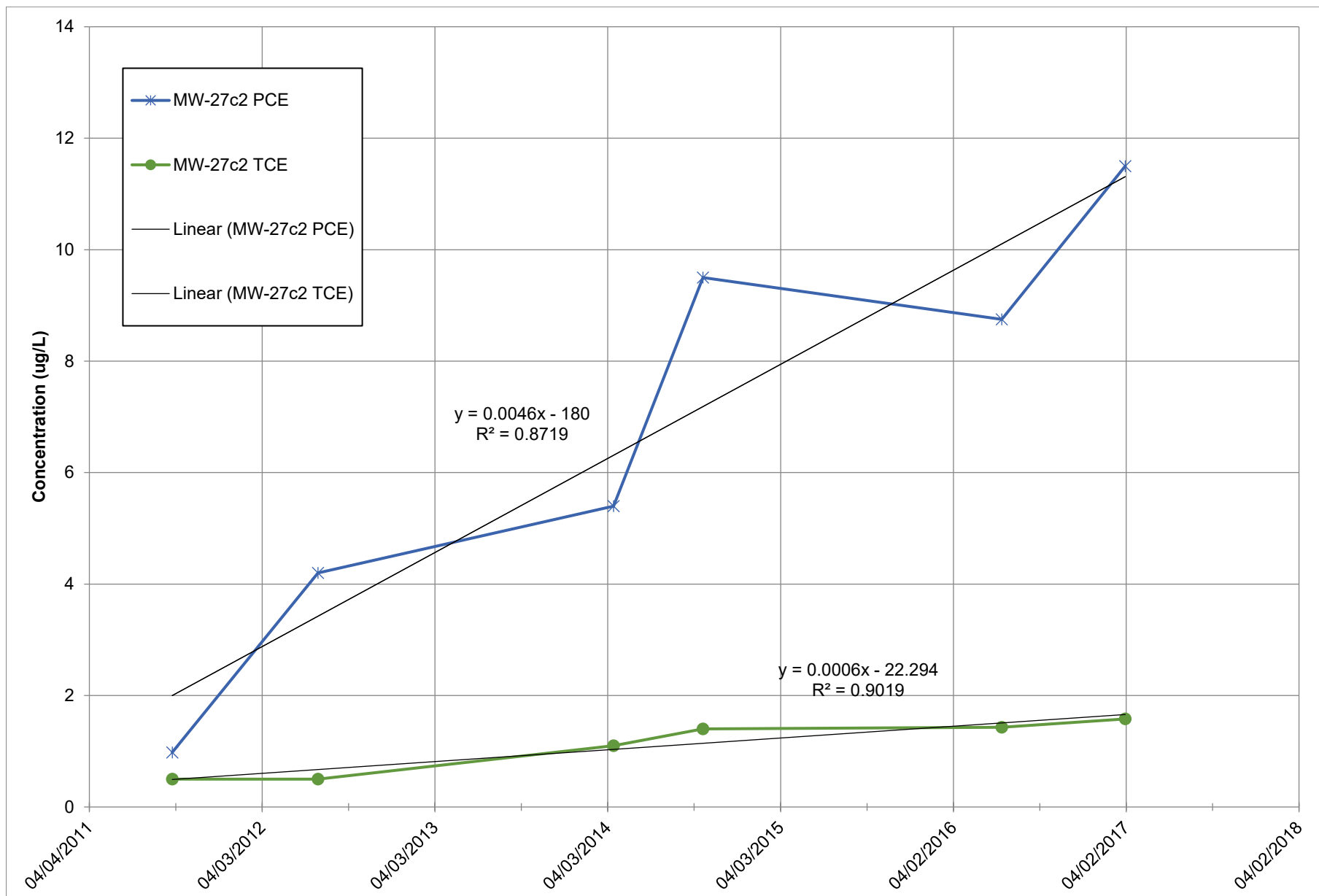
**Figure MW-26c4 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner**



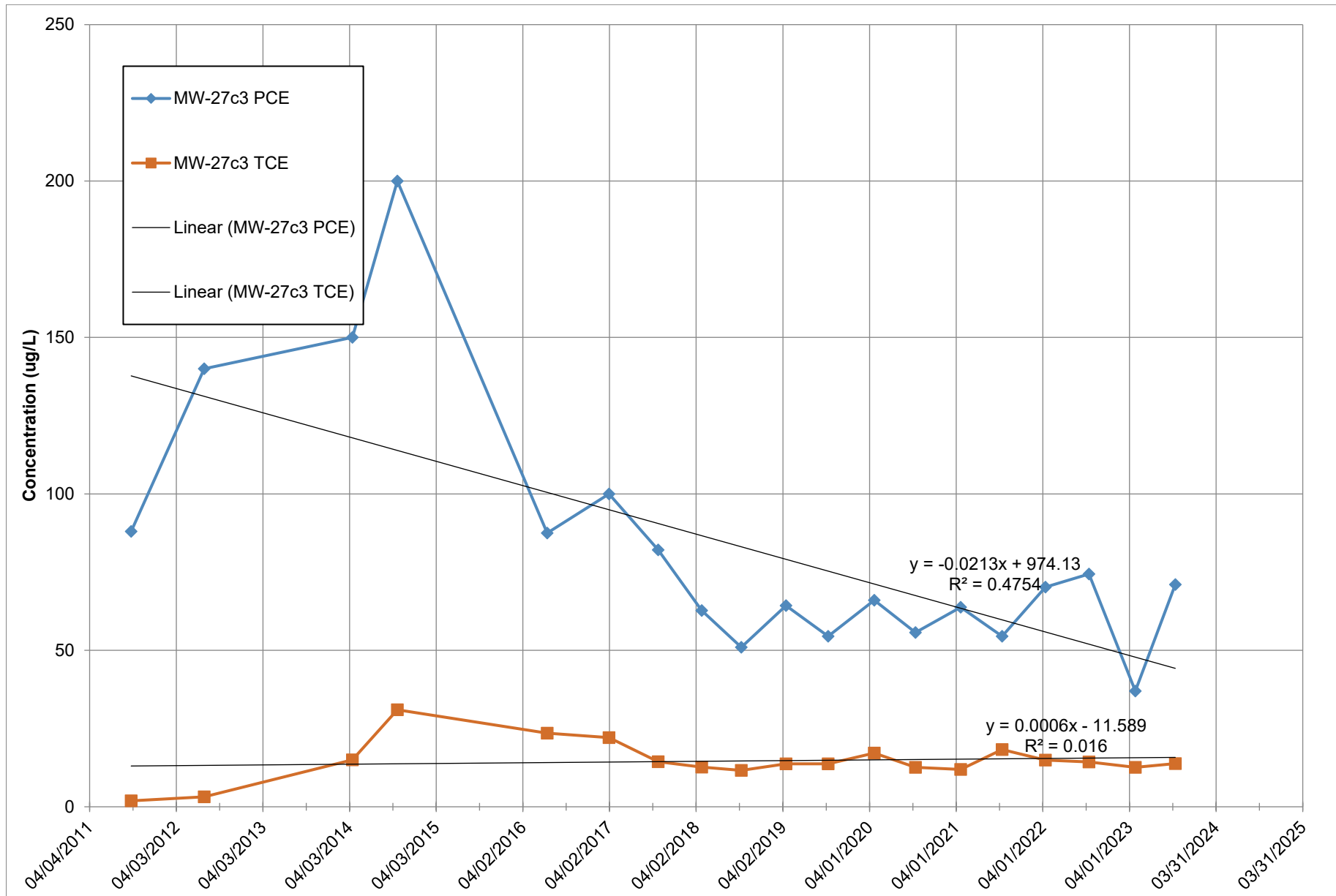
**Figure MW-26c5 Intermediate
PCE and TCE in Groundwater
Former Springville Dry Cleaner**



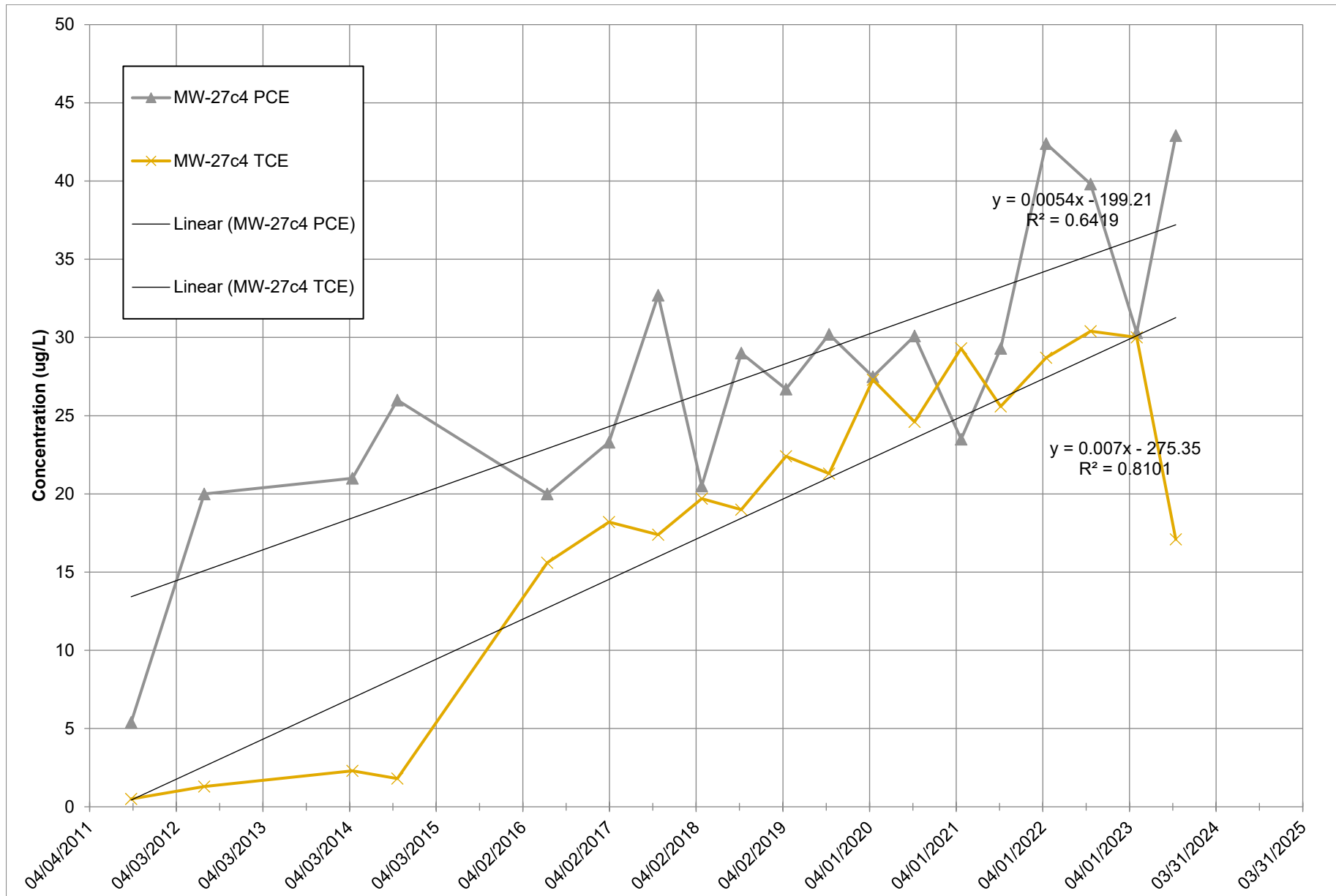
**Figure MW-27c2 Shallow
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner**



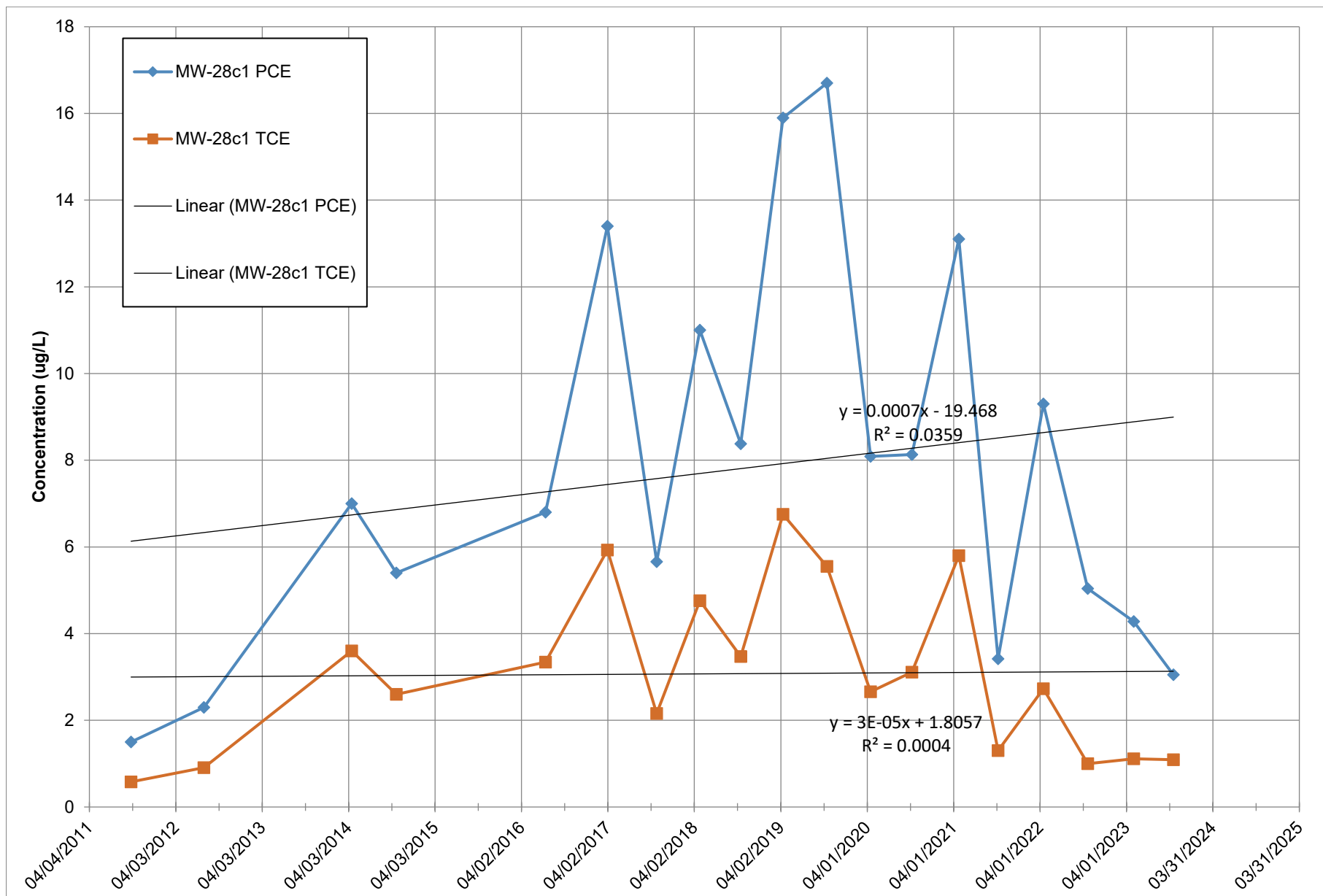
**Figure MW-27c3 Intermediate
PCE and TCE in Groundwater**
Former Springville Dry Cleaner



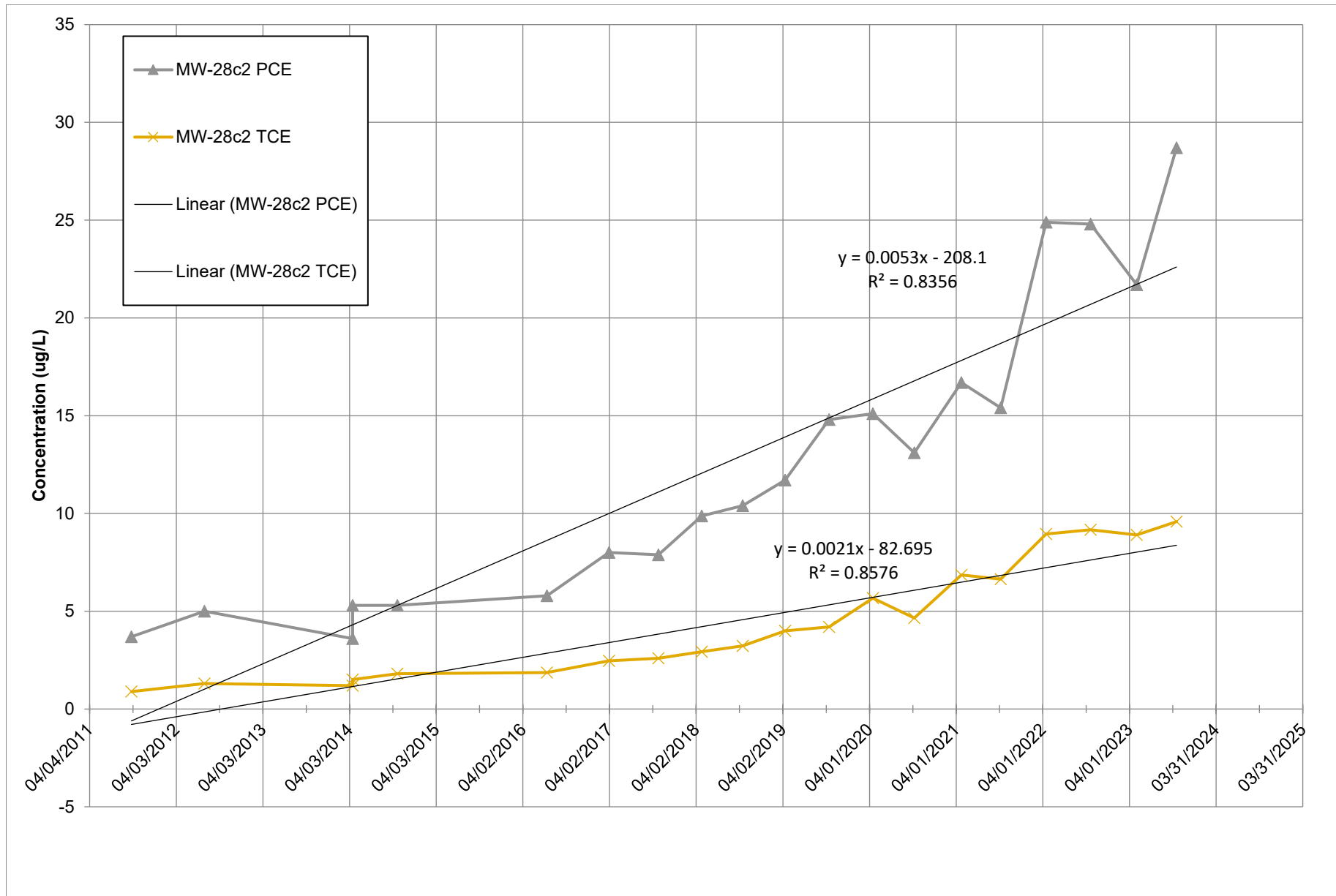
**Figure MW-27c4 Intermediate
PCE and TCE in Groundwater
Former Springvillla Dry Cleaner**



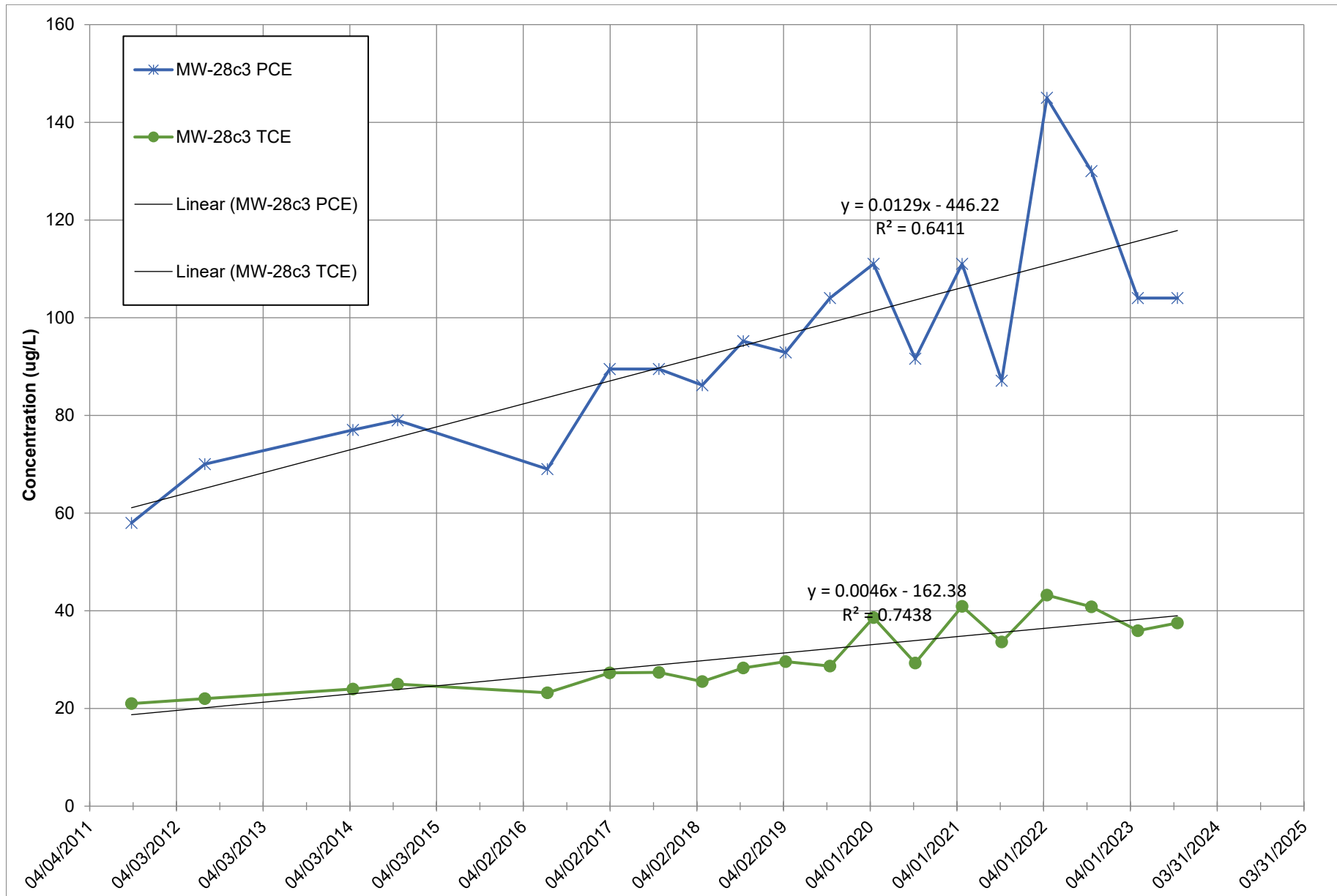
**Figure MW-28c1 Shallow
PCE and TCE in Groundwater
Former Springville Dry Cleaner**



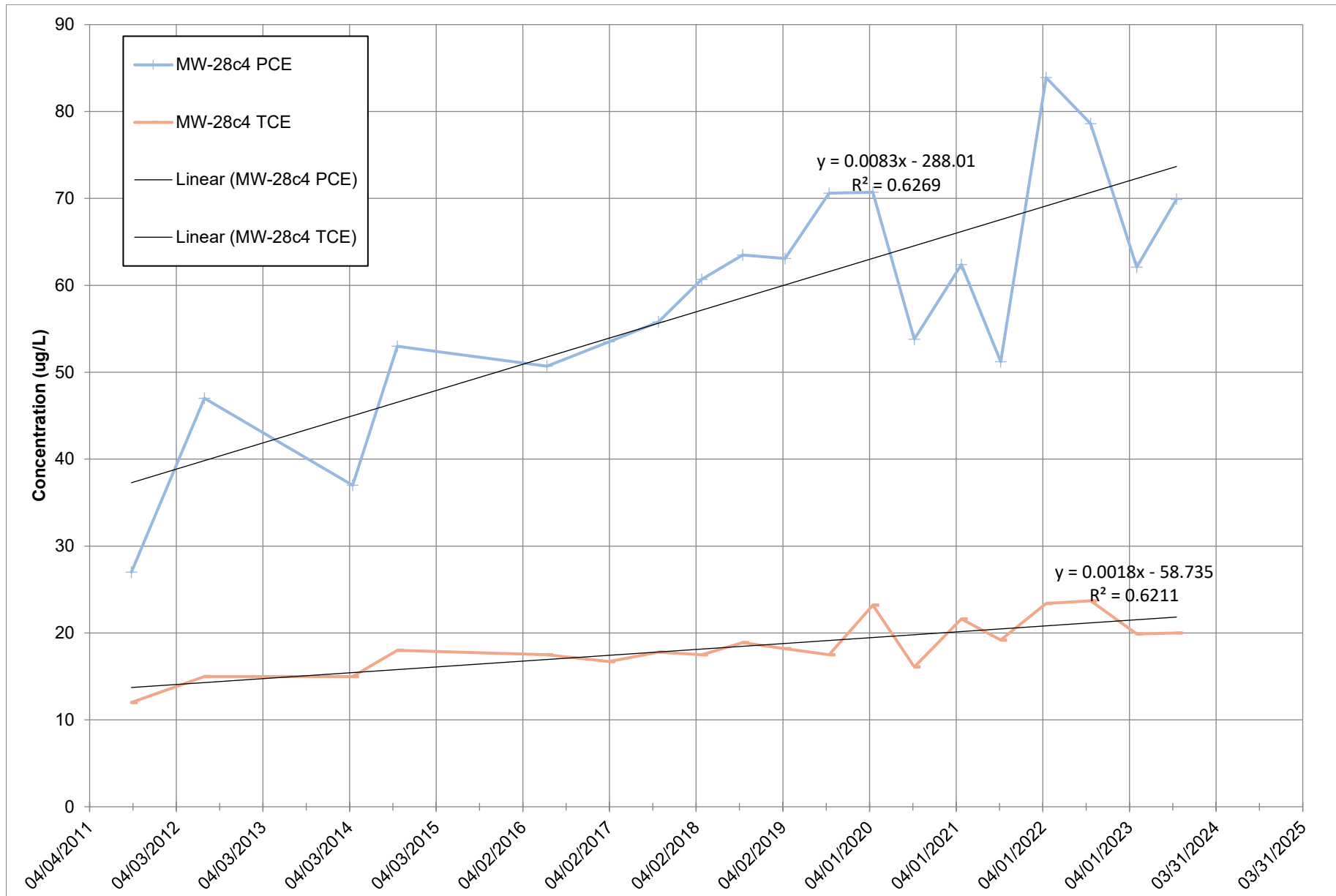
**Figure MW-28c2 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner**



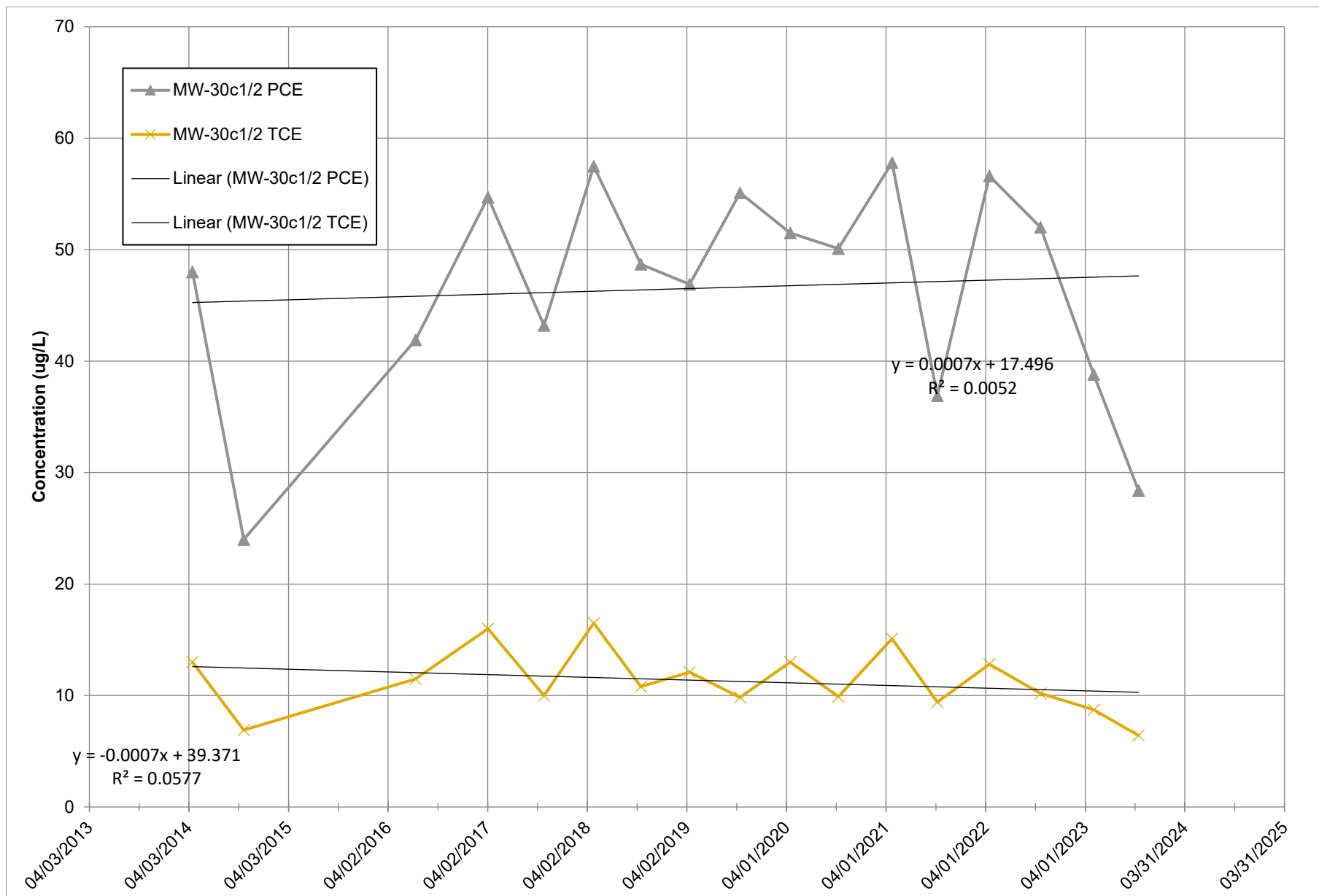
**Figure MW-28c3 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner**



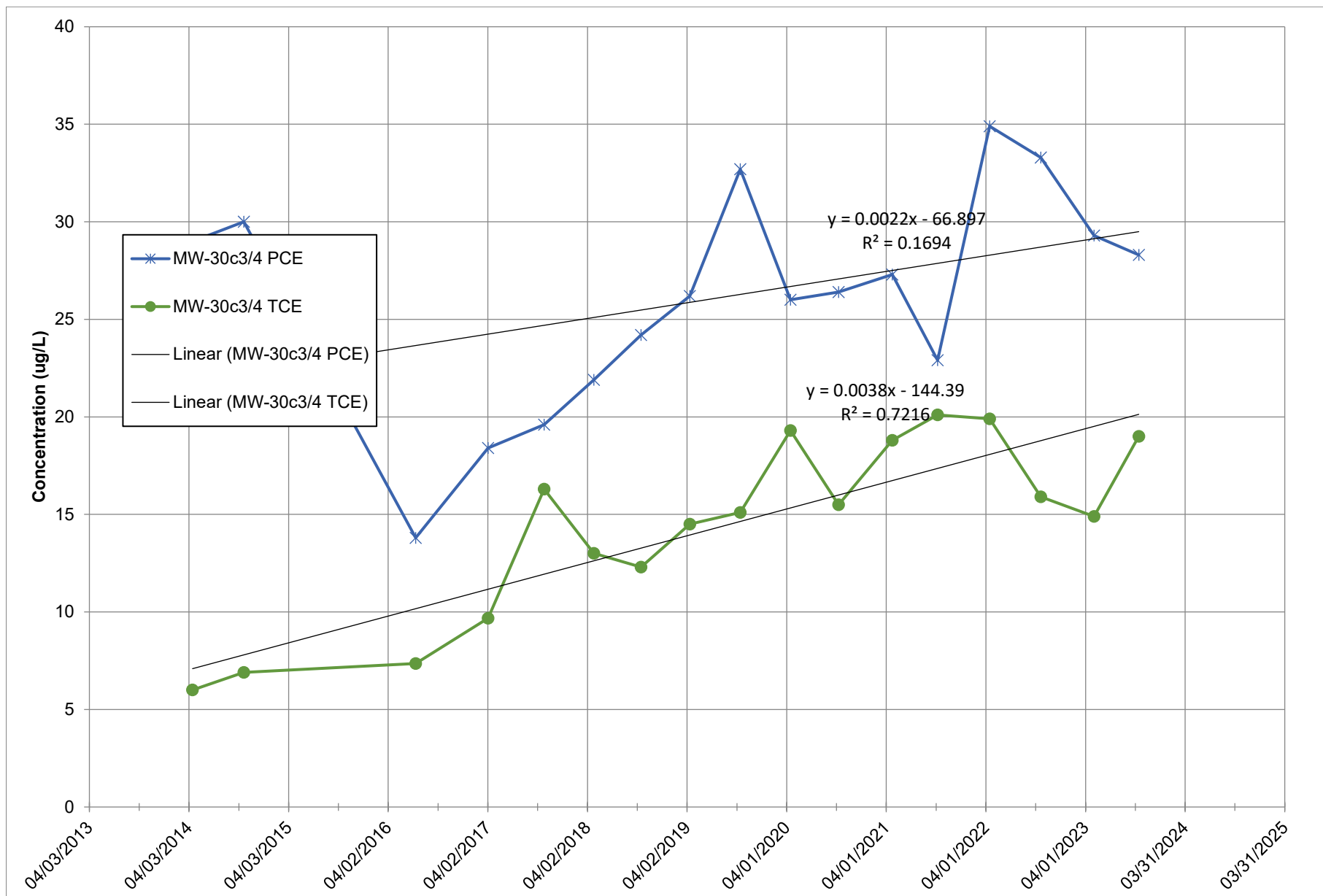
**Figure MW-28c4 Intermediate
PCE and TCE in Groundwater
Former Springville Dry Cleaner**



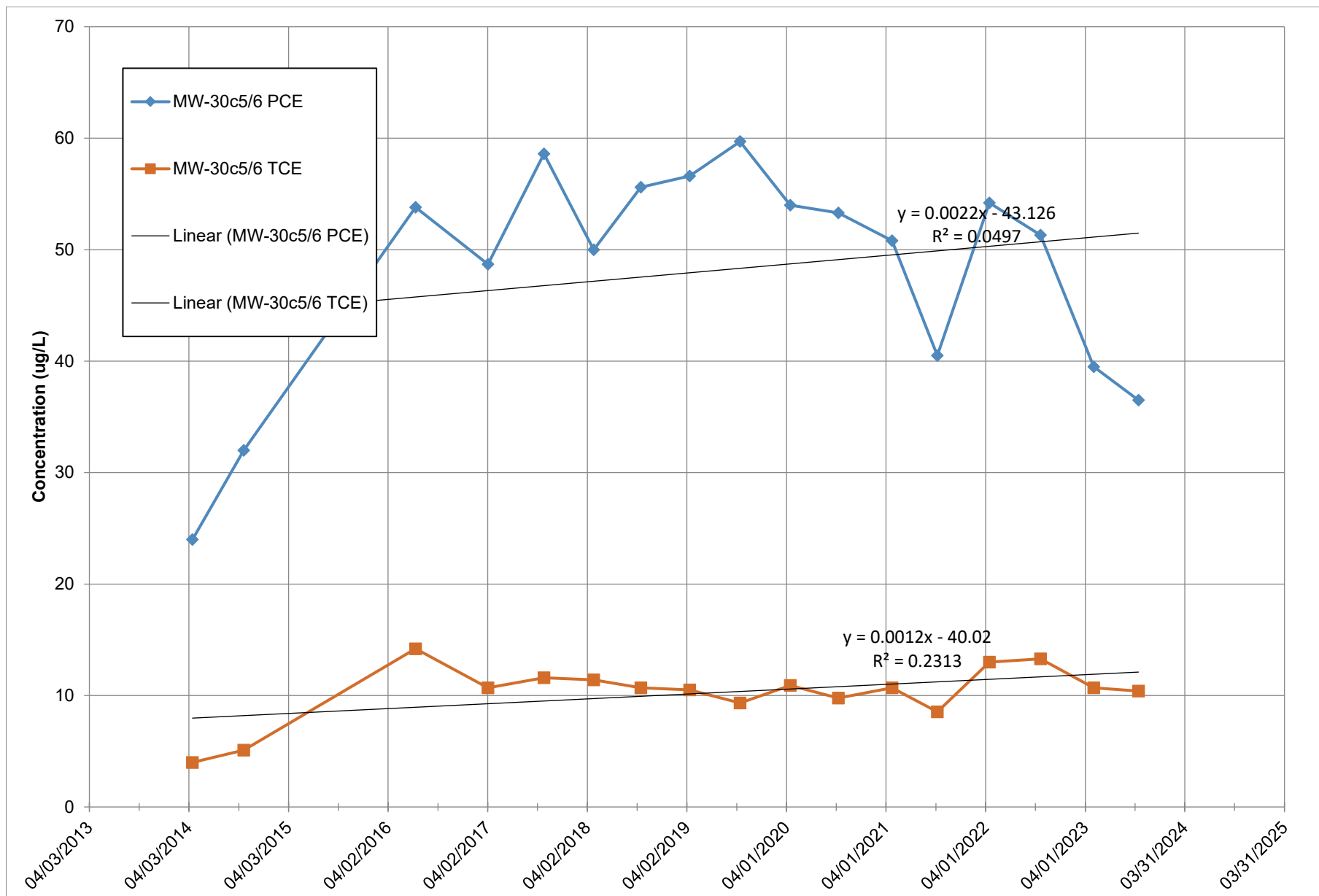
**Figure MW-30c1/2 Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



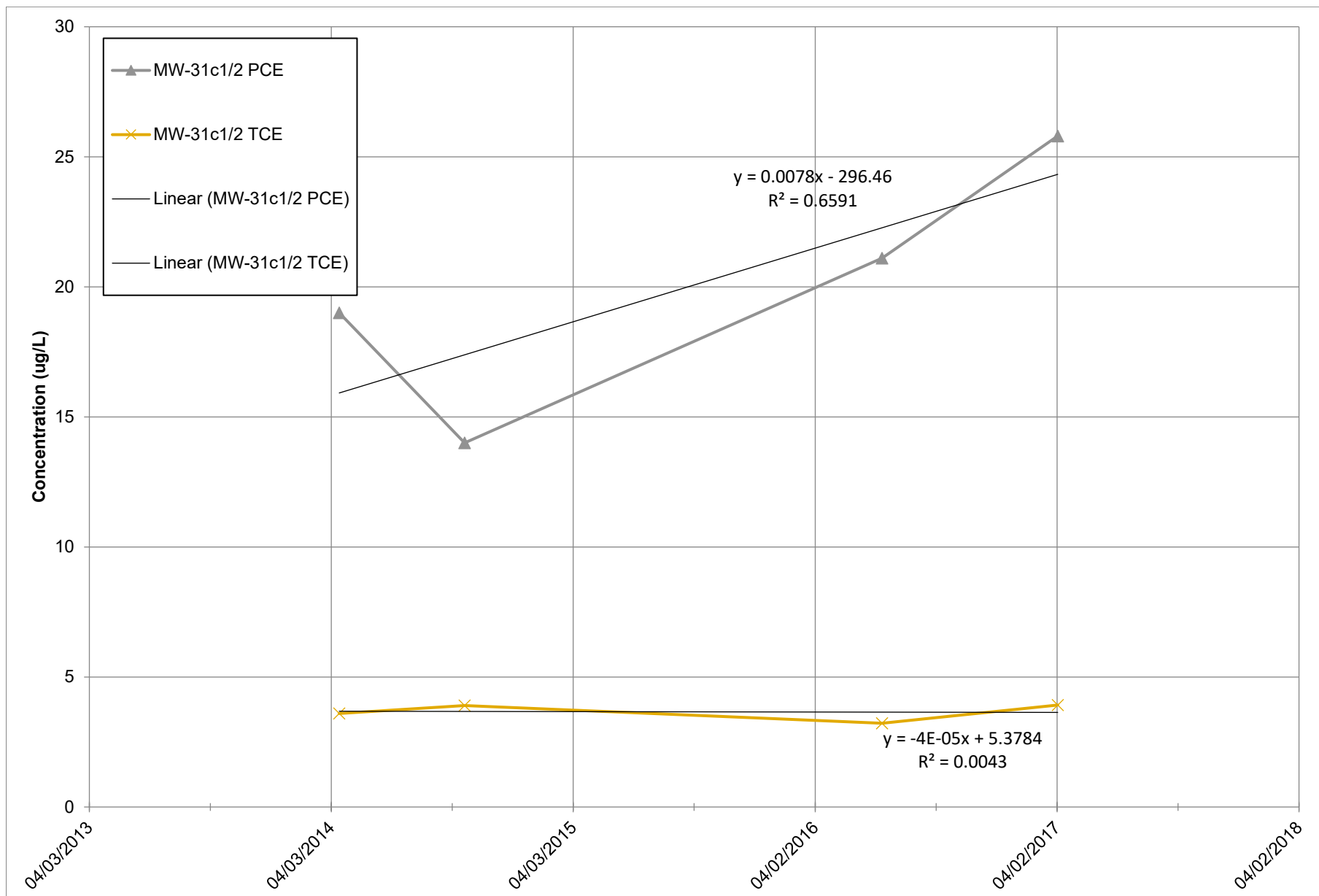
**Figure MW-30c3/4 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner**



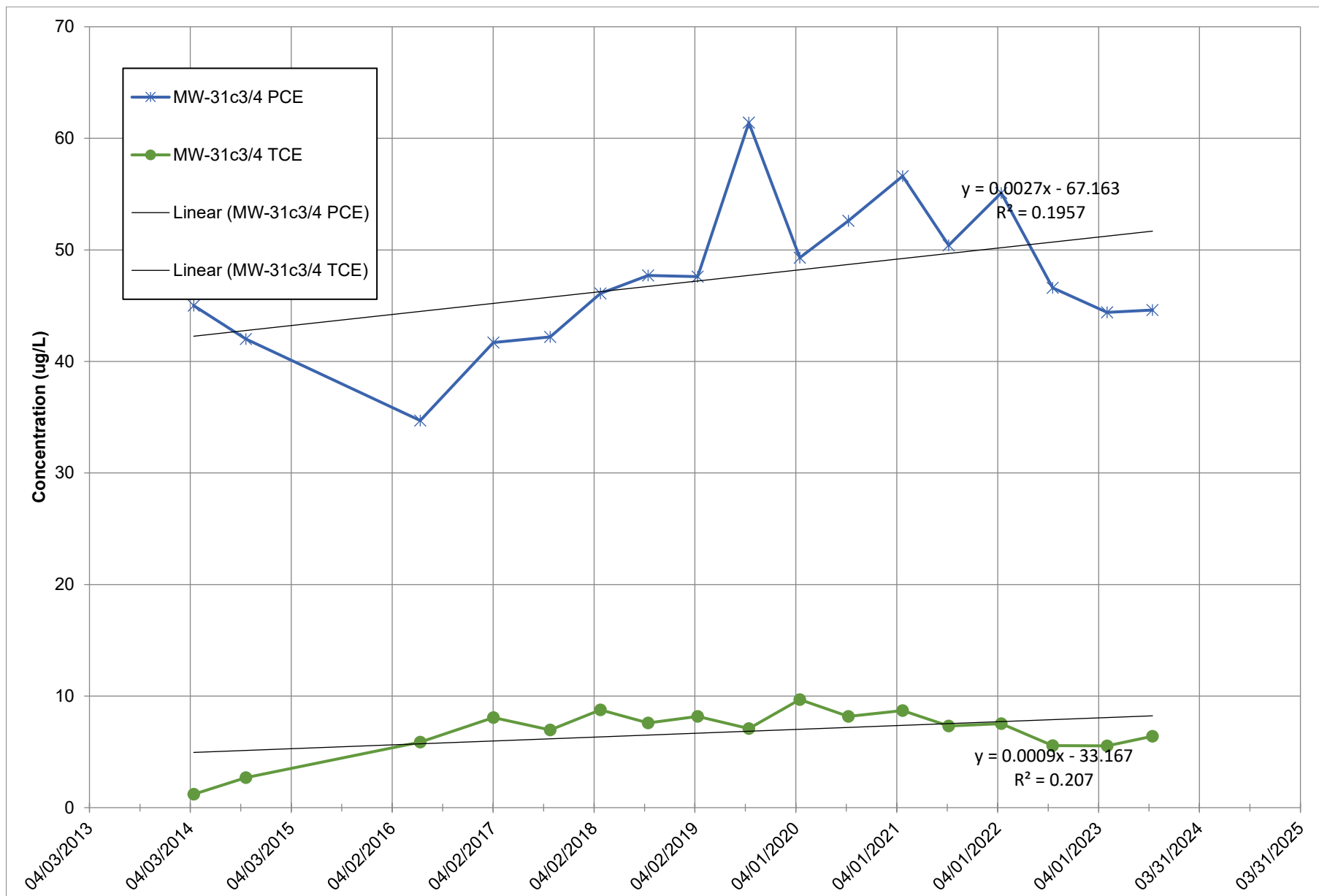
**Figure MW-30c5/6 Intermediate
PCE and TCE in Groundwater**
Former Springville Dry Cleaner



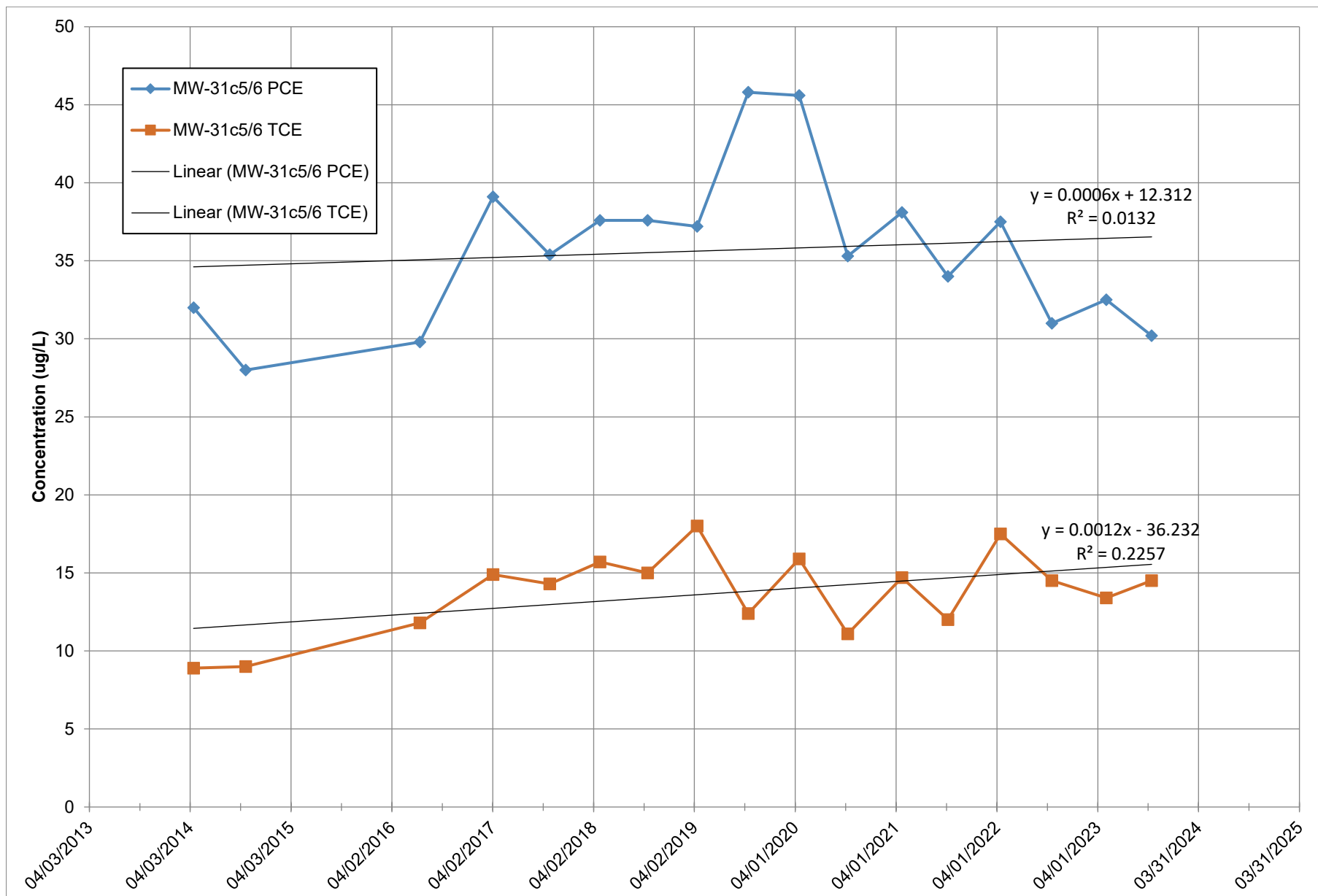
**Figure MW-31c1/2 Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



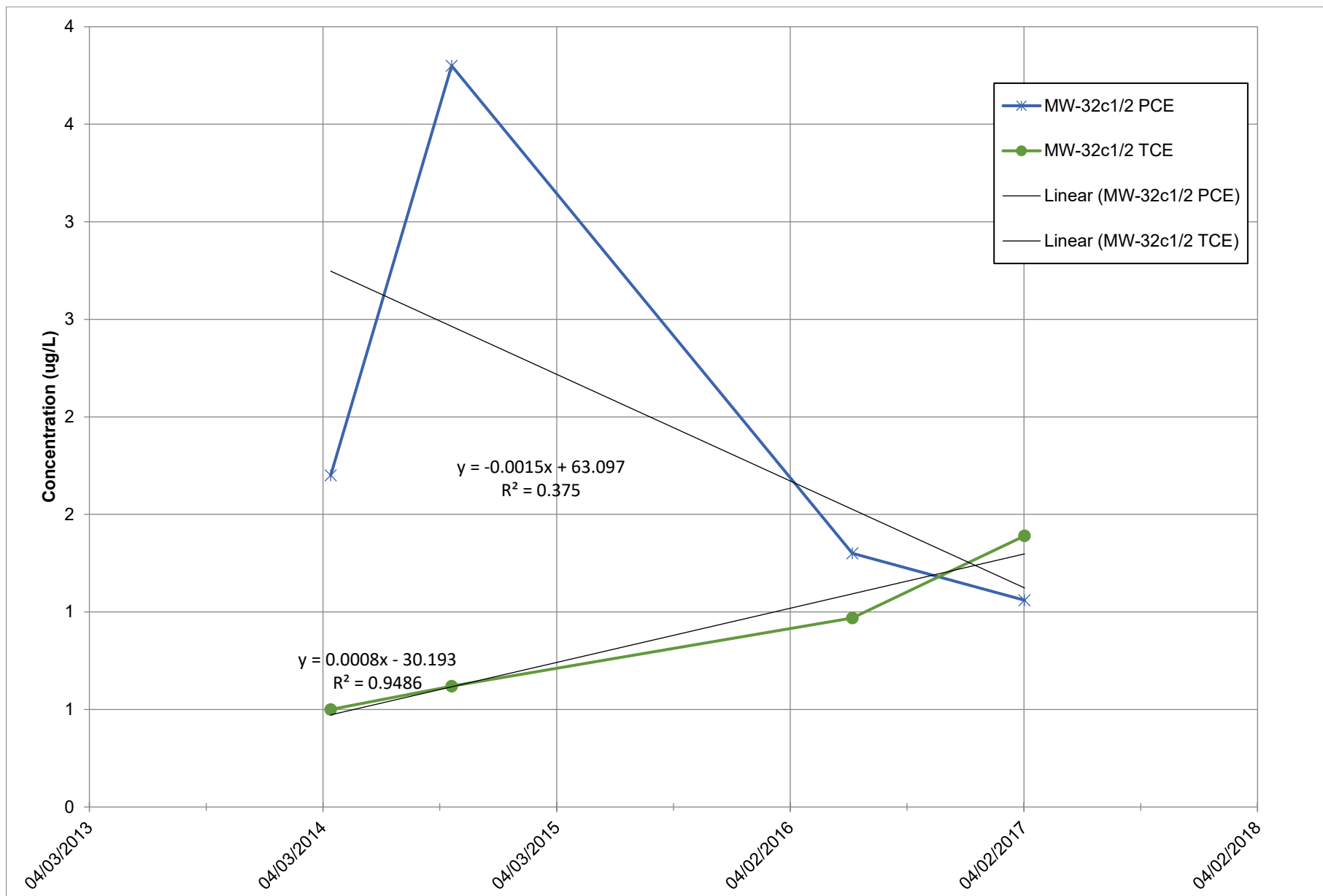
**Figure MW-31c3/4 Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



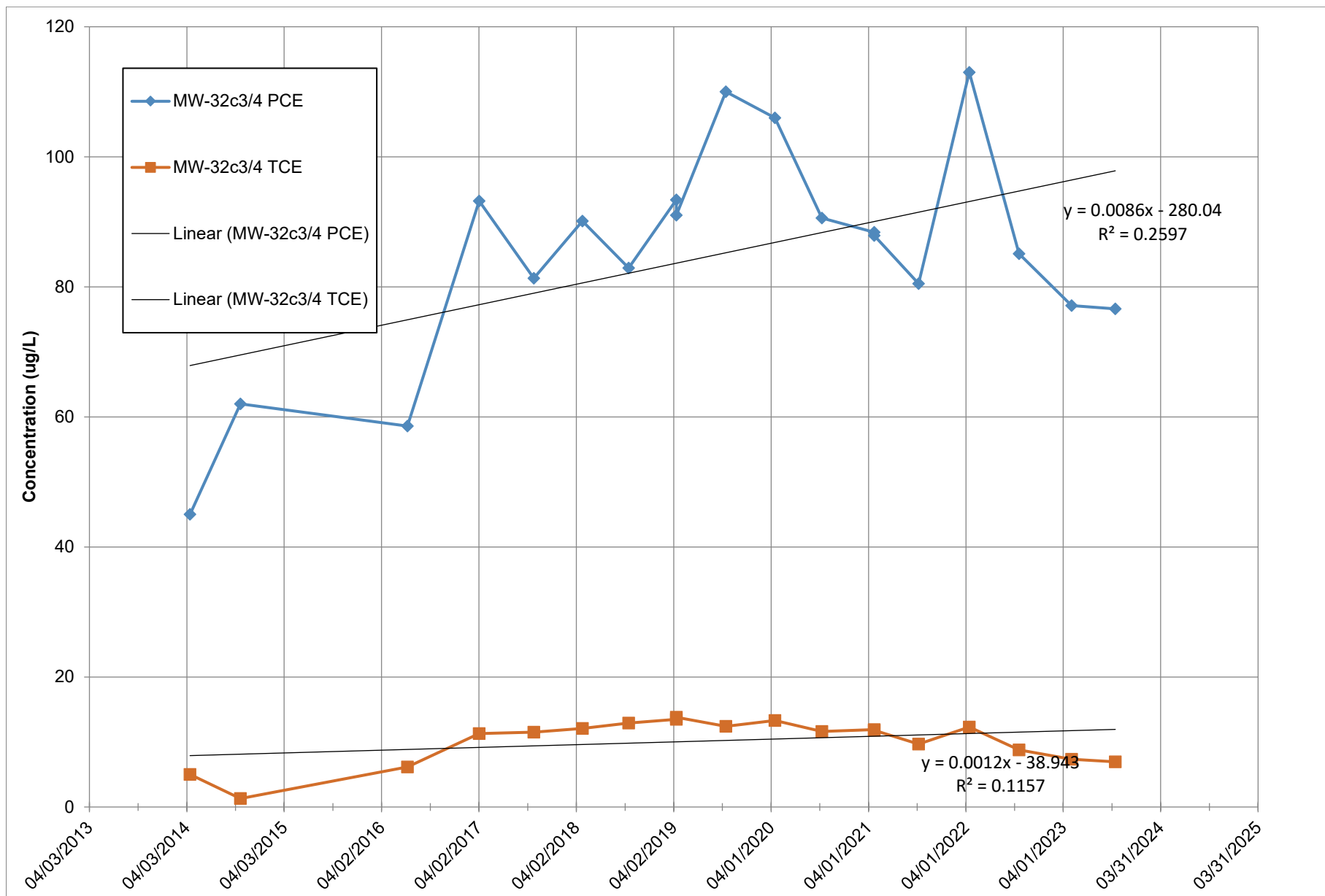
**Figure MW-31c5/6 Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



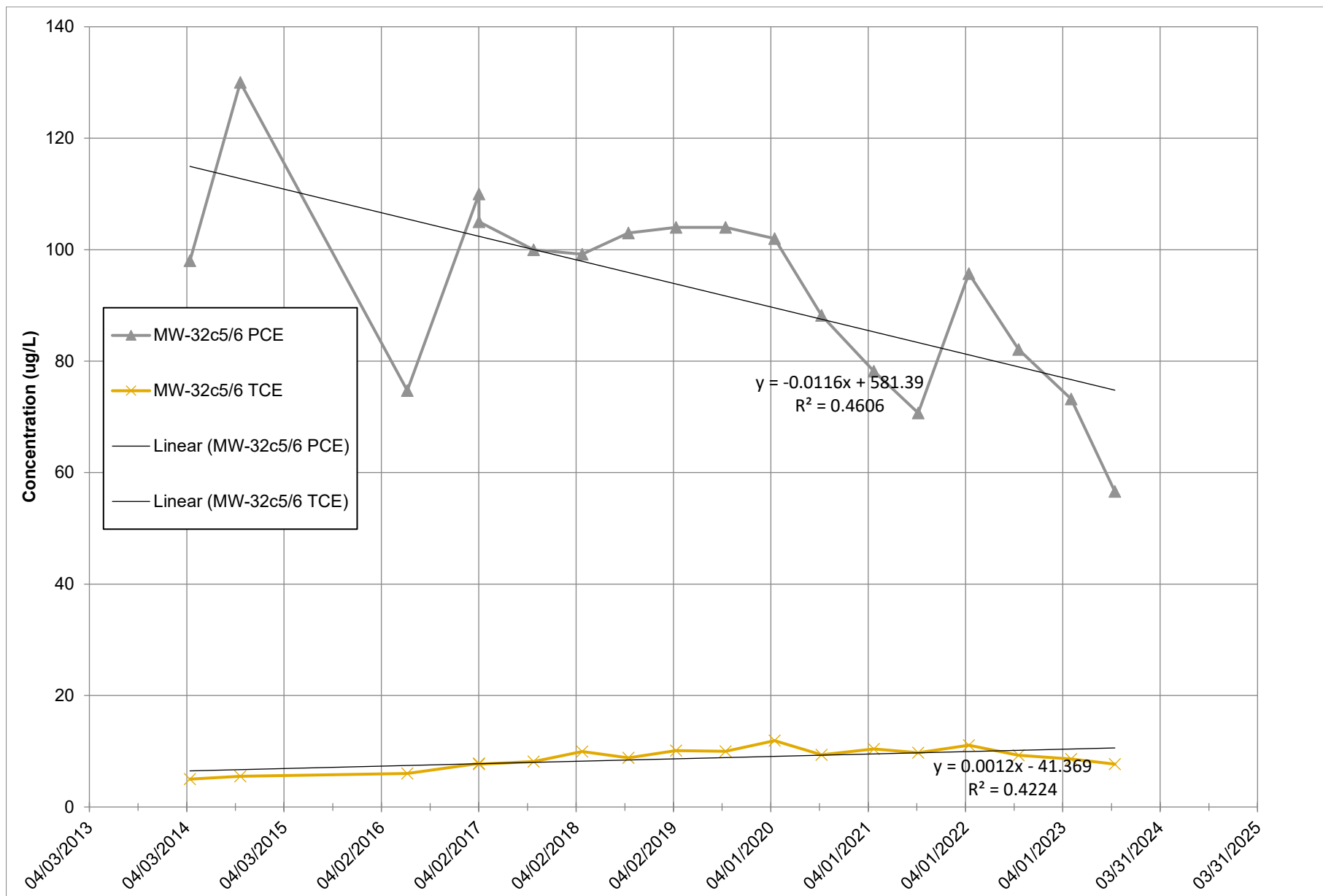
**Figure MW-32c1/2 Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



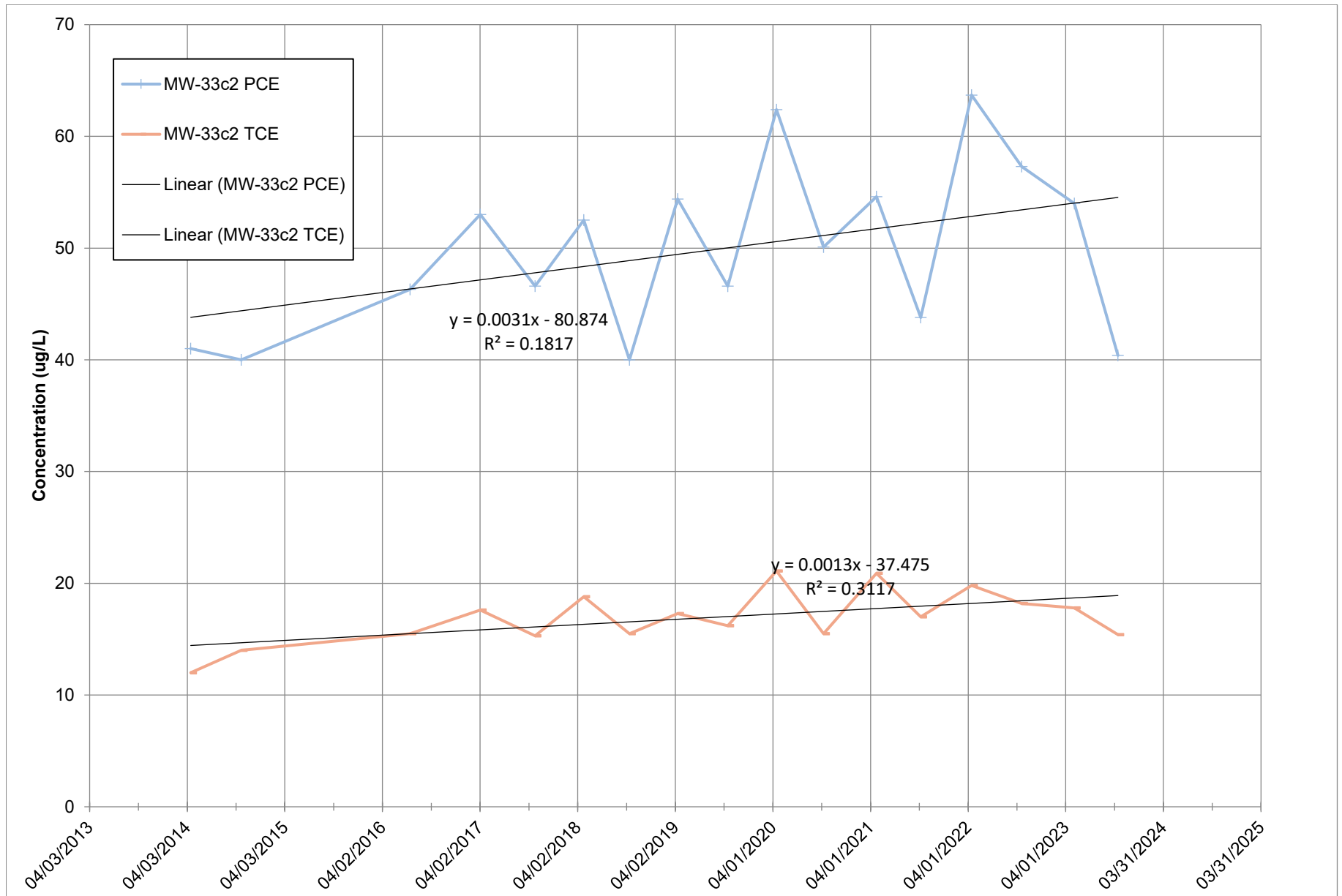
**Figure MW-32c3/4 Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



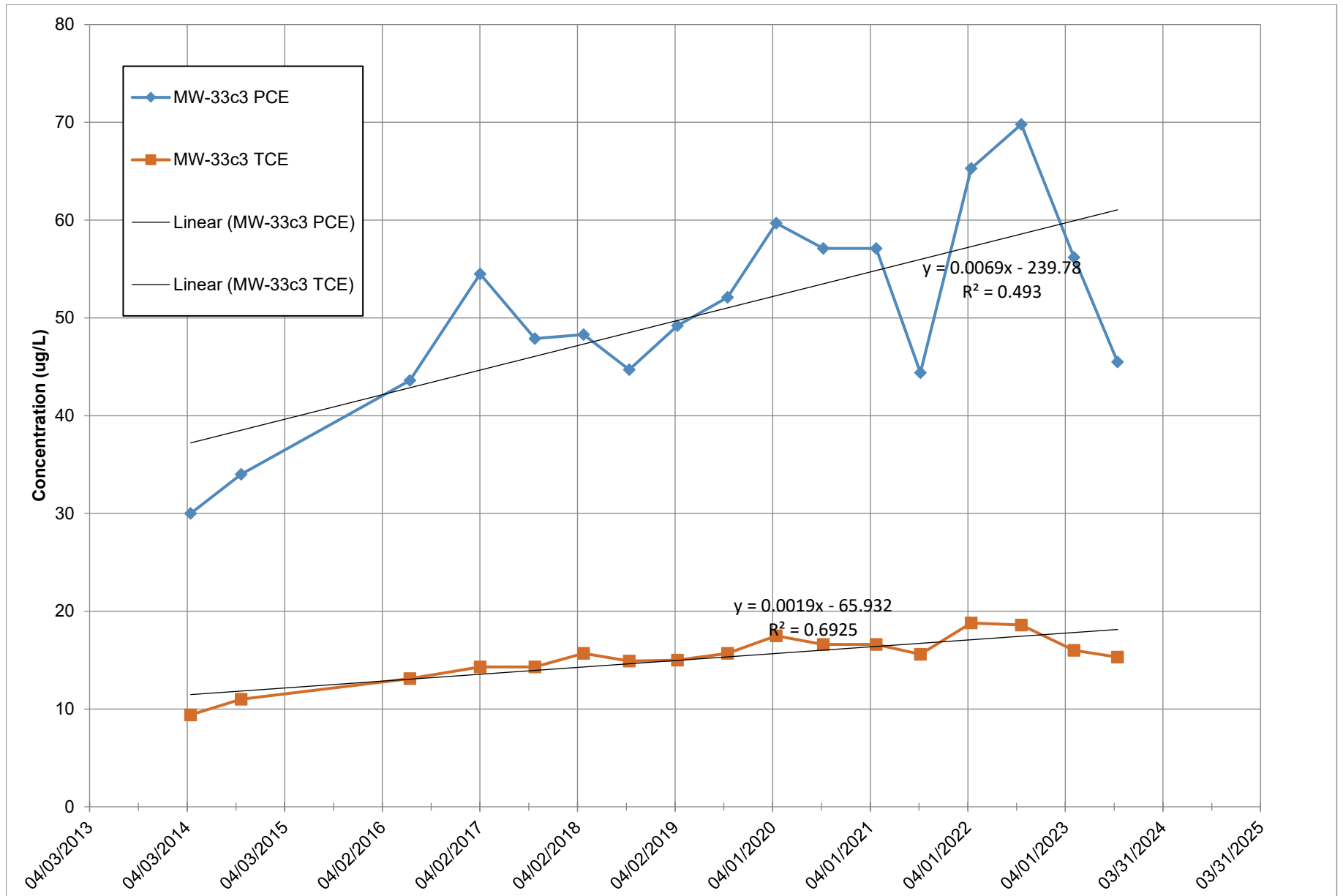
**Figure MW-32c5/6 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner**



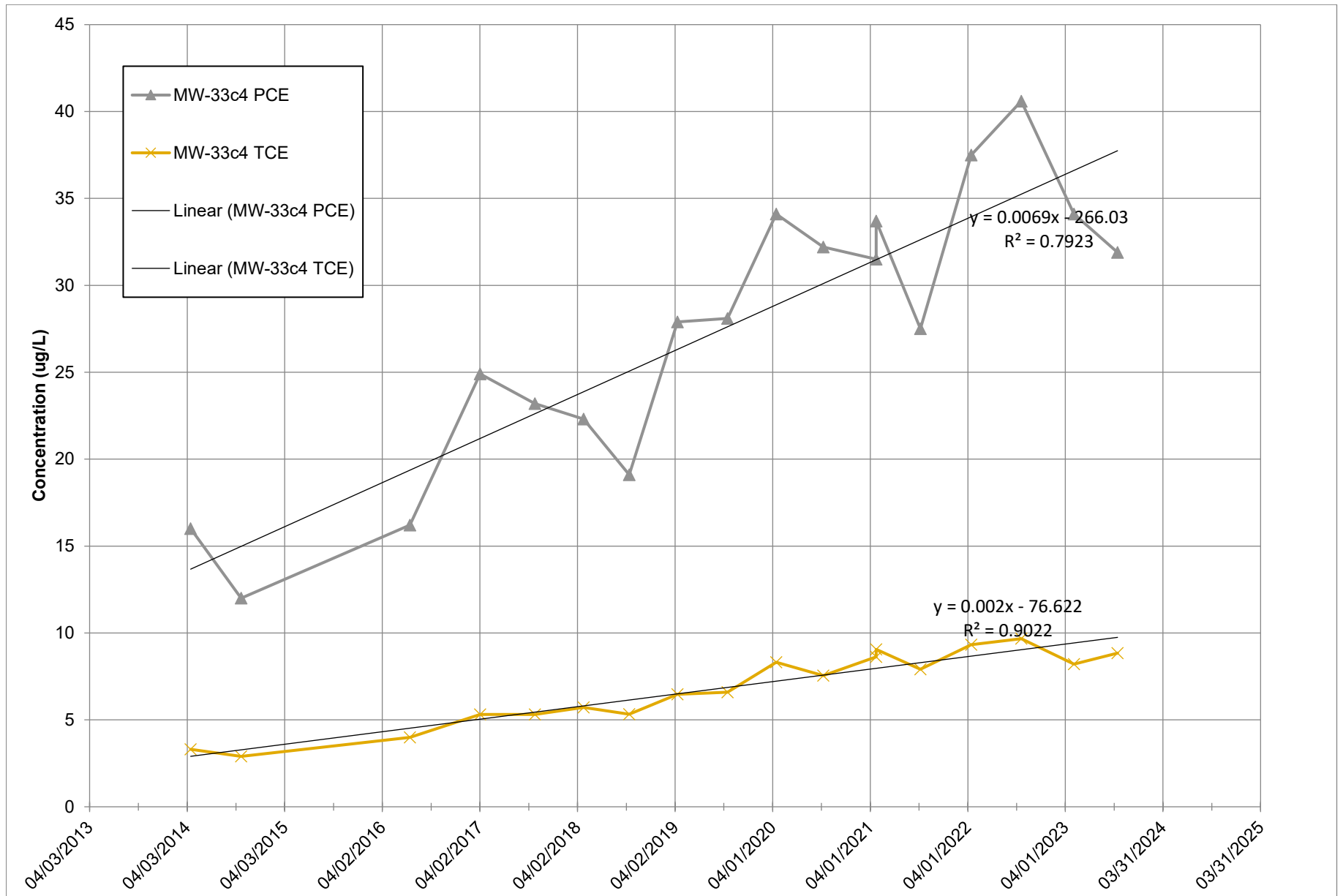
**Figure MW-33c2 Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



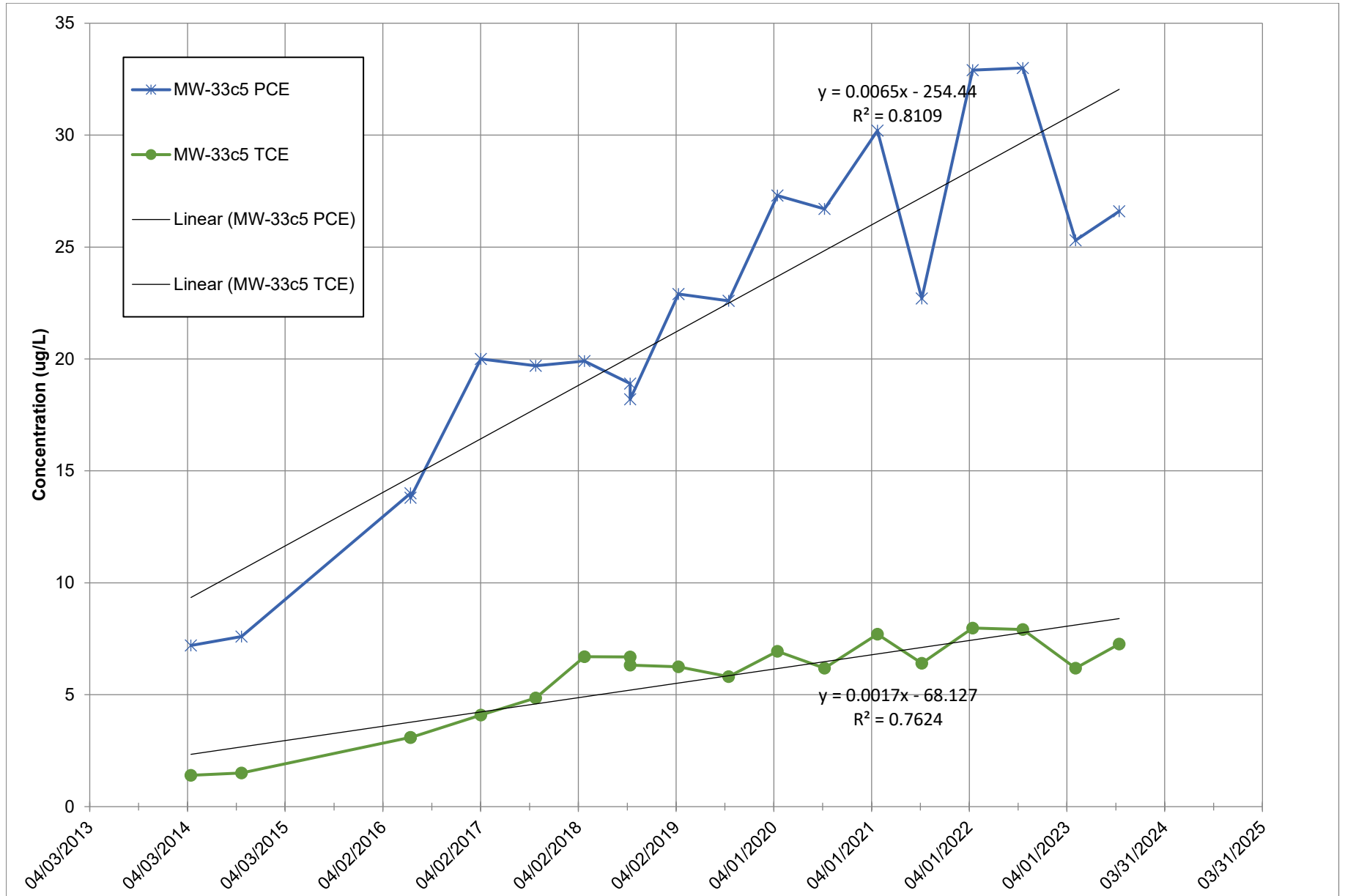
**Figure MW-33c3 Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



**Figure MW-33c4 Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



**Figure MW-33c5 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner**



**Figure MW-34c4 Intermediate
PCE and TCE in Groundwater**
Former Springville Dry Cleaner

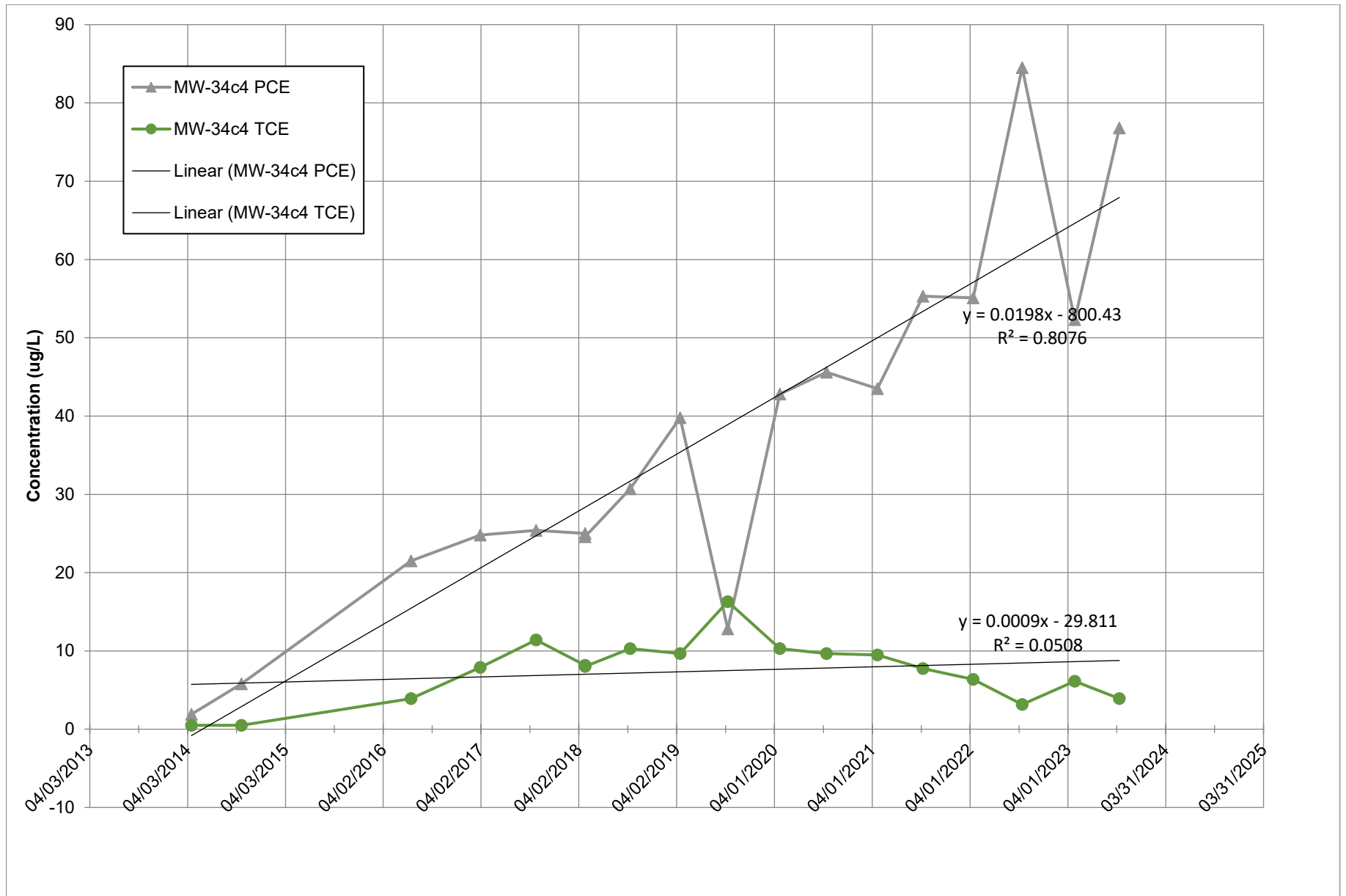


Figure MW-35i Intermediate
PCE and TCE in Groundwater and Groundwater Elevation
 Former Springvilla Dry Cleaner

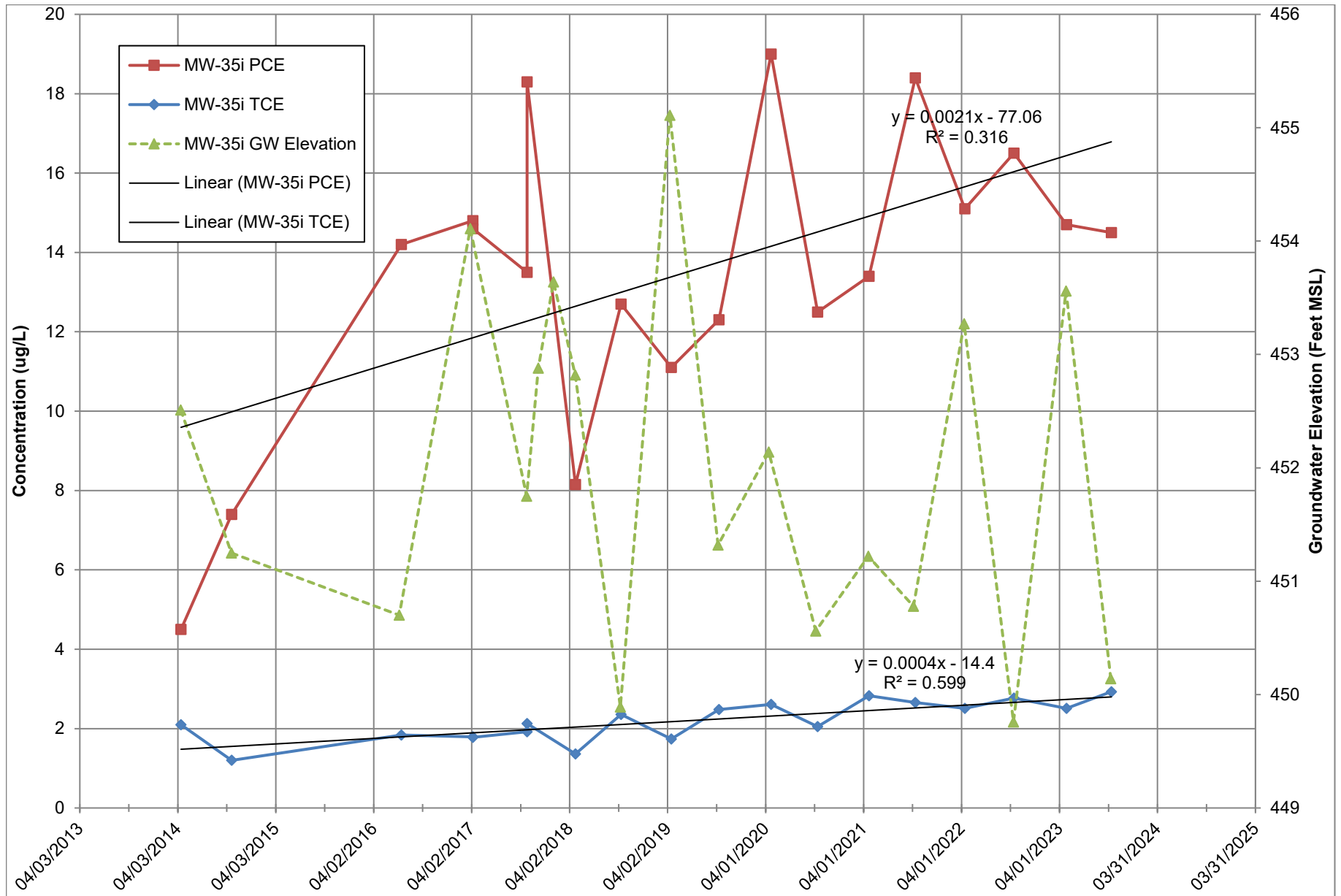


Figure MW-36s Shallow
PCE and TCE in Groundwater and Groundwater Elevation
Former Springvilla Dry Cleaner

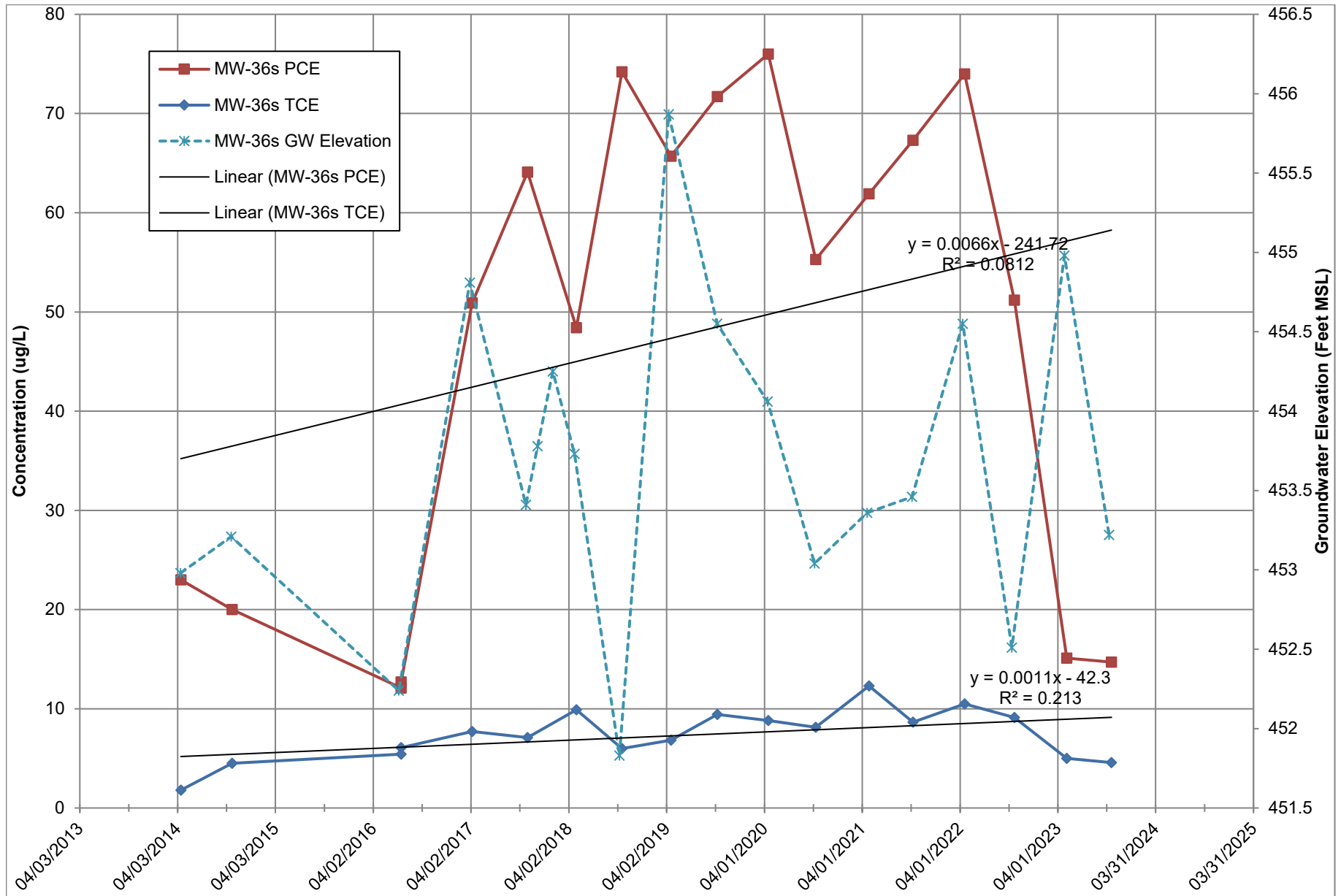
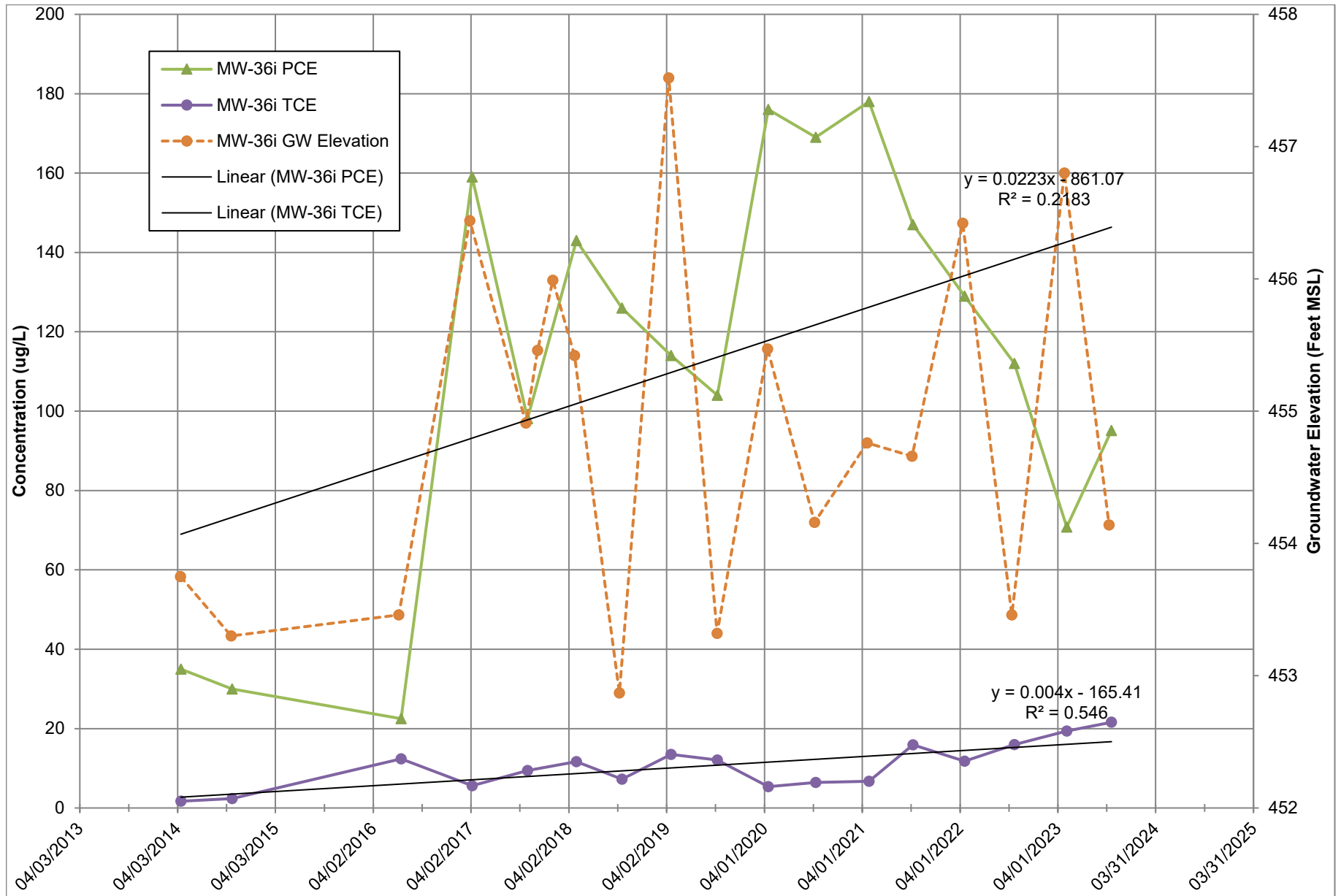
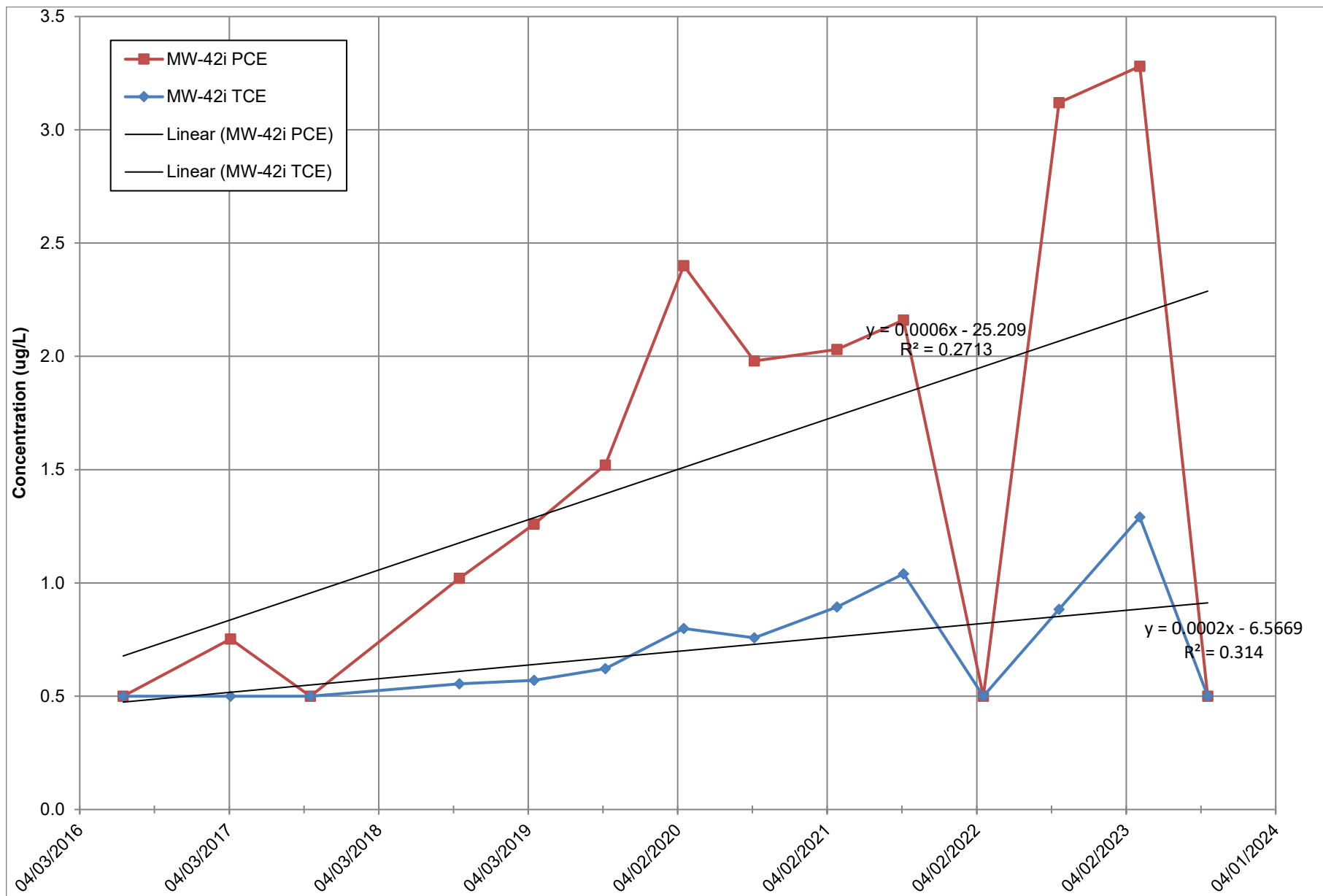


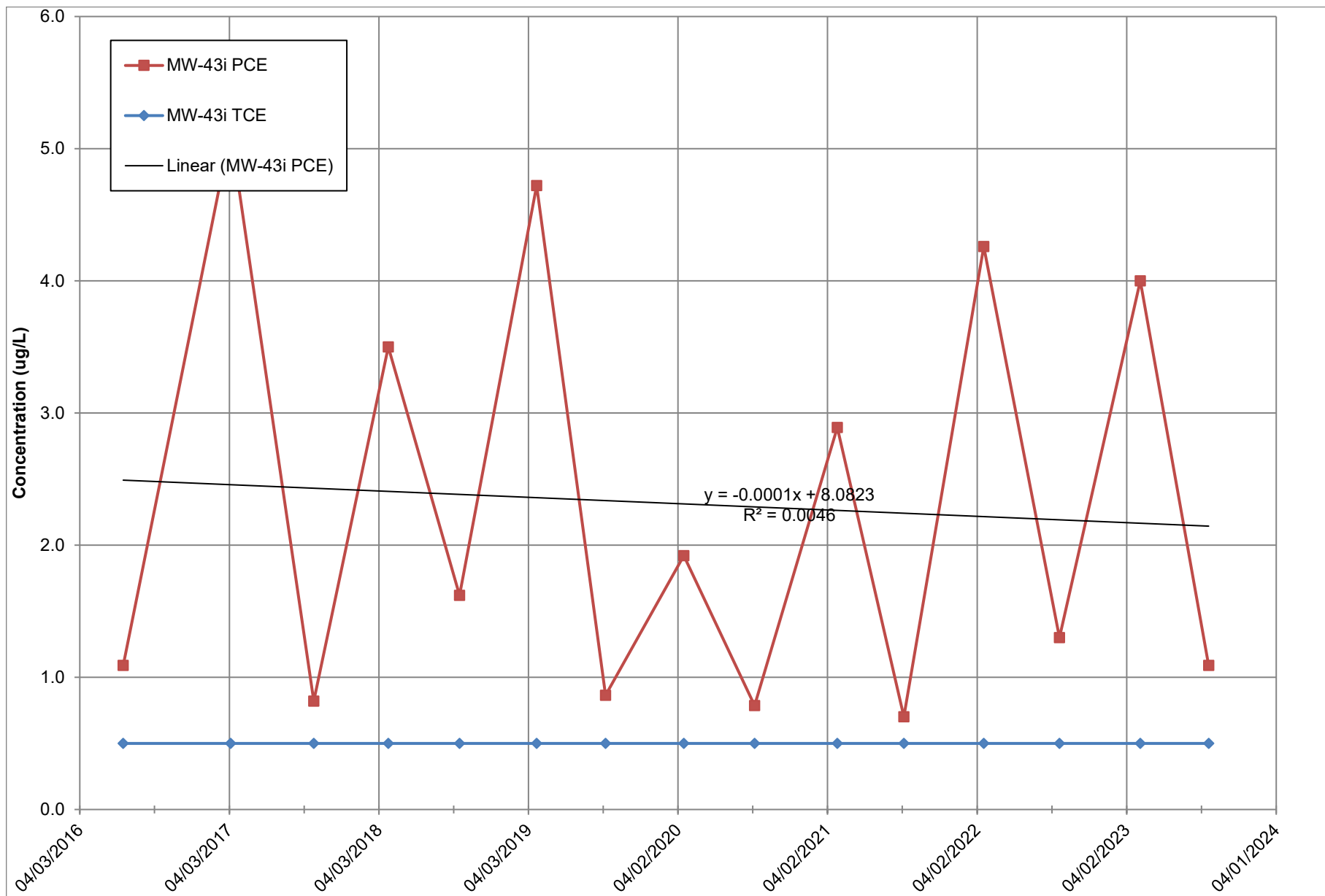
Figure MW-36i Intermediate
PCE and TCE in Groundwater and Groundwater Elevation
Former Springvilla Dry Cleaner



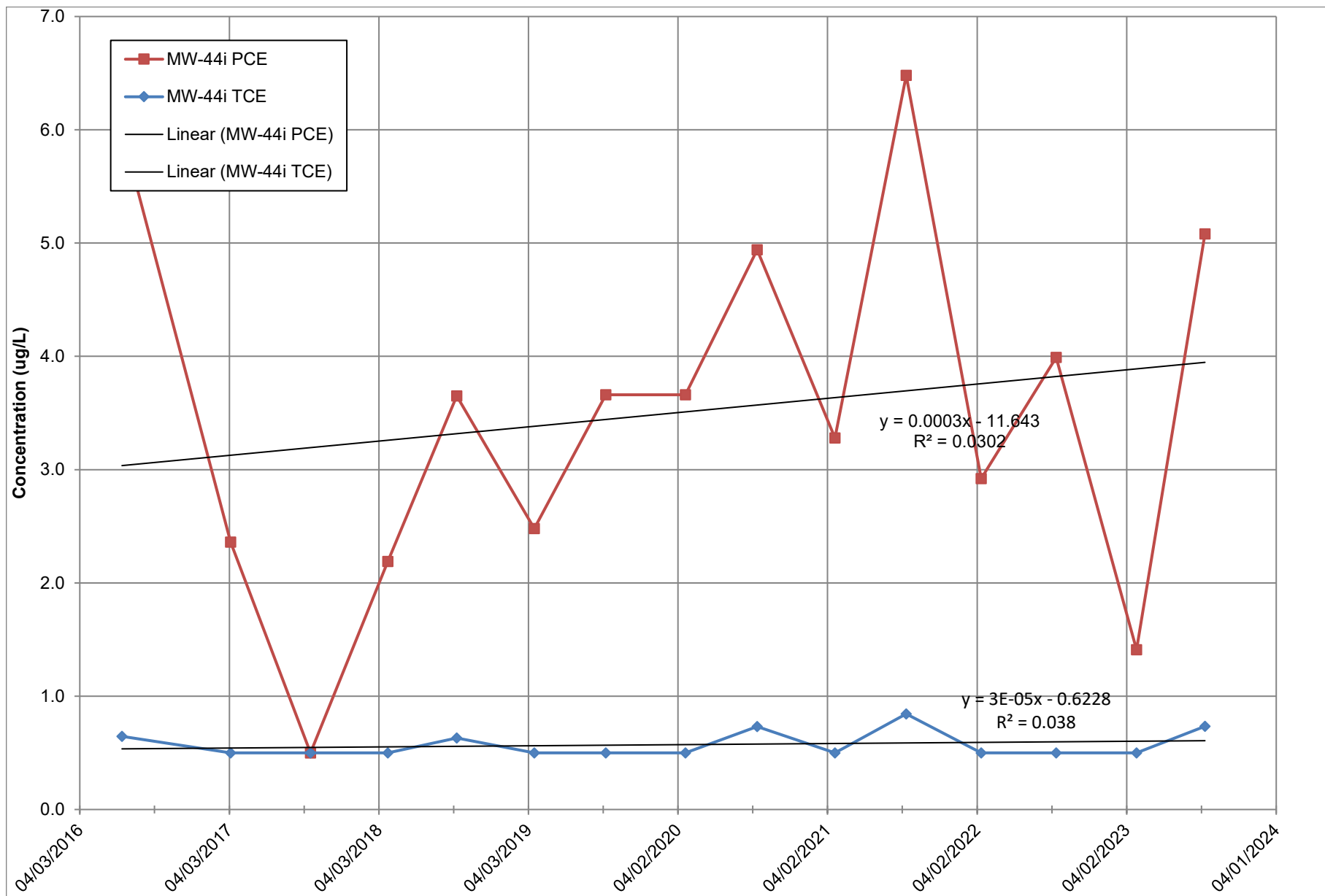
**Figure MW-42i Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner**



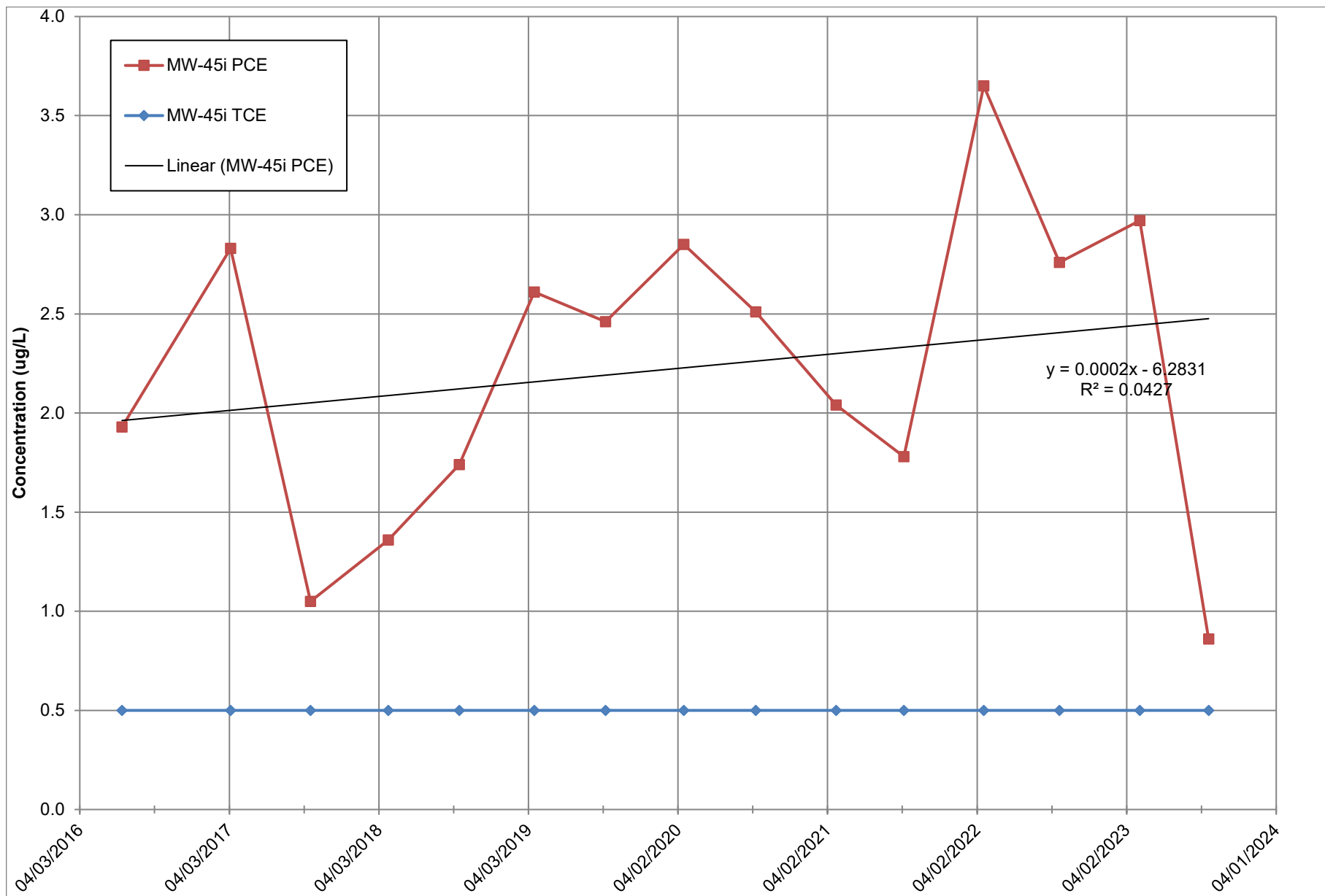
**Figure MW-43i Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



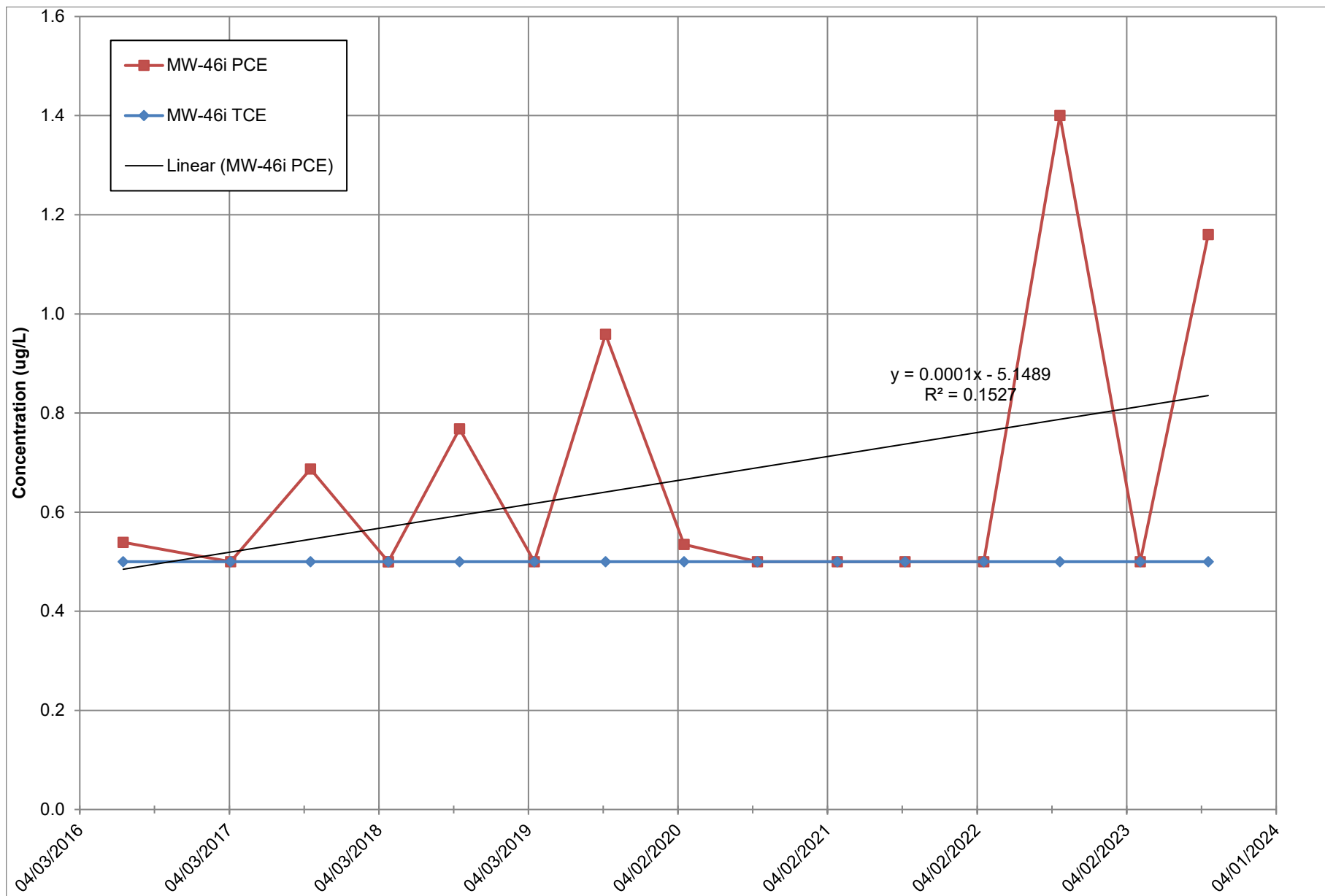
**Figure MW-44i Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



**Figure MW-45i Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



**Figure MW-46i Intermediate
PCE and TCE in Groundwater**
Former Springvilla Dry Cleaner



**Figure 1350 N Street Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner**

