PHASE II INDOOR AIR QUALITY AND SUBSURFACE ASSESSMENT

Industrial Building
16750 Woodinville Redmond Road
Woodinville, WA

PREPARED FOR:

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CODA Project No. 21-2887
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CODA
CONSULTING GROUP

December 29, 2021

Mr. Austin White
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San Francisco, CA 94104

Subject: **Phase II Indoor Air Quality And Subsurface Assessment**
Industrial Building
16750 Woodinville Redmond Road
Woodinville, WA
CODA Project 21-2887

Dear Mr. White:

CODA Consulting Group (CODA) is pleased to submit this report of Phase II Indoor Air Quality And Subsurface Assessment for the referenced site. This report discusses background information, purpose and scope of work, execution of work, conclusions, and recommendations for the subject property. These services were provided in accordance with the scope of services and terms and conditions outlined in our Proposal No. P21-4439 dated October 13, 2021, and Phase II Subsurface Assessment Proposal, Additional Indoor Air Quality Assessment, and Additional Services, Proposal No. P21-4439 R1, dated November 3, 2021.

We appreciate your selection of CODA for this project and look forward to assisting you further on other projects. If you have any questions, please do not hesitate to contact either of the undersigned.

Sincerely,

CODA Consulting Group

Mark Krueger, P.G. (IL)
Senior Associate

Conilee Hennesdorf, P.E. (TX)
Principal

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SUMMARY
Phase II Indoor Air Quality And Subsurface Assessment

Industrial Building
16750 Woodinville Redmond Road
Woodinville, WA

On October 26, 2021, CODA performed a Phase I Environmental Site Assessment (ESA) on the subject property. At the time of CODA's site assessment, the subject property was developed with two commercial office/warehouse and light manufacturing buildings, 16750 Woodinville-Redmond Road NE and 16650 Woodinville-Redmond Road NE. Both buildings were built in 1999. The 16650 Woodinville-Redmond Road NE building is occupied by one tenant – Zipfizz. Zipfizz manufactures a healthy energy drink powder. The 16750 Woodinville-Redmond Road NE building is occupied by three tenants – Seattle Pump, Coit Services, and Intertek PSI. Seattle Pump sells and leases high volume water pumps. Coit Services is a carpet and upholstery cleaning and water restoration company. Intertek PSI is a concrete testing company.

One *recognized environmental condition* was identified at the 16750 Woodinville-Redmond Road NE building. Coit Services reportedly conducted dry cleaning using perchloroethylene (PCE) from 1999 to 2007. In November 2019, a Phase II subsurface assessment, performed by others, identified PCE and other chlorinated solvents exceeding applicable regulatory action levels in the soil and groundwater. As a result, CODA concluded that the use of PCE in the former dry-cleaning machine and the identified soil and groundwater chlorinated solvent impacts represented a *recognized environmental condition*. Further assessment was recommended.

On December 8, 9, and 10, 2021, CODA conducted a Phase II Indoor Air Quality And Subsurface Assessment to assess for potential impacts associated with the previously identified chlorinated solvents in the subsurface soils and groundwater. The scope of work consisted of indoor air quality (IAQ) sampling, soil borings and soil sampling, soil gas sampling, and groundwater sampling.

Six IAQ samples were collected inside the building and two ambient air samples were collected outside the building, for a total of eight air samples. Two indoor air samples were collected in each of the three tenant spaces, one in the office area and one in the warehouse area. The two outside air samples were placed in the apparent upwind direction (west side) and apparent downwind direction (east side). PCE was the only chlorinated solvent associated with dry cleaning chemicals detected in the inside air samples. PCE was detected in both samples collected from within the Coit tenant space, at concentrations below regulatory action levels.

Twelve soil probe borings were completed at the subject property. Seven borings were placed along the east, northeast, and southeast sides of the building in the assumed downgradient groundwater flow direction towards the adjacent river boarding the east side of the subject property. One boring was placed near the oil/water separator located on the north side of the building and one boring placed on the west side of the subject property in the assumed upgradient direction to groundwater flow. Three borings were placed inside the building near the former dry cleaning machine. No chlorinated solvents were detected in the soil samples from exterior borings except for the soil sample collected from near the oil/water separator on the north side of the building. One chlorinated solvent was detected in the soil sample collected from near the oil/water separator at a concentration exceeding its most stringent action level. Several chlorinated solvents were detected in the shallow and deep soil samples collected inside the building at concentrations exceeding their most restrictive action levels.

Two soil gas samples were collected inside the building in the general location of the former dry cleaning machine. One soil gas sample was collected in the Seattle Pump warehouse and one soil gas sample was collected in the PSI warehouse. Several chlorinated solvents were detected in the soil gas in the Seattle Pump warehouse at concentrations below their respective action levels. Several chlorinated solvents were detected above their action levels from the soil gas sample collected in the PSI warehouse, including PCE that was detected in the soil gas in the PSI warehouse below its most restrictive action level.

Ten soil borings were converted into temporary groundwater sampling wells. Seven temporary wells were placed along the east, northeast, and southeast sides of the building in the assumed downgradient groundwater flow direction towards the adjacent river boarding the east side of the subject property. One temporary well was placed near the oil/water separator located on the north side of the building. One additional temporary well was placed on the west side of the subject property in the assumed upgradient direction to groundwater flow. One temporary well was placed inside the building in the PSI warehouse near the location of the former dry cleaning machine and the previous soil borings that were completed in 2019. Of the seven groundwater samples collected in the apparent downgradient direction between the building and the adjoining river, chlorinated solvents were only detected in one groundwater sample. Vinyl chloride was detected exceeding its most restrictive action level. Low levels of several chlorinated solvents were detected in the two groundwater samples along the north side of the building at concentrations below their respective regulatory action level. Several chlorinated solvents, including PCE, were detected in the interior groundwater sample at a concentration below their respective regulatory action level, while vinyl chloride was detected in at a concentration exceeding its regulatory action level.

Based on the results presented above, it is apparent that chlorinated solvents associated with past dry cleaning operations have impacted the subsurface soil, soil gas and groundwater. Subsurface impacts appear to be concentrated in the vicinity of the former dry cleaning machine that was operated by Coit Services. CODA recommends additional assessment to determine the extent of impacts. Although PCE was detected in the indoor air of the Coit tenant space at levels below its respective action level, continued indoor air quality monitoring should be implemented to assess indoor air for chlorinated solvents that could be attributed to chlorinated solvents detected in the subsurface.

CODA notes that impacts to soil, groundwater, air, or indoor air are required to be reported to the Washington Department of Ecology (Ecology) within 90 days. Once Ecology is notified of the release, the preparation of required assessment and corrective action (i.e., remedial objectives) reports will need to be prepared and approved by Ecology to obtain a No Further Action (NFA) closure letter from Ecology.

This summary is for convenience only and should not be relied upon without first reading the full contents of this report, including appendix materials.

1.0 INTRODUCTION

On October 26, 2021, CODA performed a Phase I ESA on the subject property. At the time of CODA's site assessment, the subject property was developed with two commercial office/warehouse and light manufacturing buildings. The 16750 Woodinville-Redmond Road NE building is 52,830 square feet with 15,446 square feet of office space. The 16650 Woodinville-Redmond Road NE building is 65,480 square feet with 18,560 square feet of office space. Both

buildings were built in 1999. The 16650 Woodinville-Redmond Road NE building is occupied by one tenant – Zipfizz. Zipfizz manufactures a healthy energy drink powder. The 16750 Woodinville-Redmond Road NE building is occupied by three tenants – Seattle Pump, Coit Services, and Intertek PSI. Seattle Pump sells and leases high volume water pumps. Coit Services is a carpet and upholstery cleaning and water restoration company. Intertek PSI is a concrete testing company.

The surrounding areas are generally flat to the north, east, and south. A steep hill approximately 300 feet high is located to the west of the subject property across Woodinville-Redmond Road. The hill drops steeply to the road and levels out with a slight downward slope to the Sammamish River to the east. The Sammamish River borders the east side of the subject property and is located approximately 80 feet east of the east side of the building.

The results of CODA's subject property identified the following *recognized environmental condition.*

- Coit Services, a tenant of 16750 Woodinville-Redmond Road building, reportedly historically conducted dry cleaning using perchloroethylene (PCE) until around 2015 when PCE was replaced with DrySolv (a non-chlorinated solvent).

  In November 2019, a Phase II subsurface assessment, performed by others, consisted of five direct push soil borings advanced at the subject property. Three soil borings were placed around an oil/water separator (OWS) located on the north side of the building and two soil borings were placed adjacent to the former dry-cleaning machine. Soil and groundwater samples were collected from each boring. PCE was detected in the borings completed near the former dry-cleaning machine at concentrations exceeding the applicable Washington Department of Ecology (Ecology) Model Toxics Control Act (MTCA) Method A/B cleanup level. Several Chlorinated VOCs (CVOCs) were also detected in the groundwater samples above MTCA cleanup levels. One CVOC, cis-1,2-dichloroethene, was also detected in the groundwater near the OWS. The Phase II report recommended that additional assessment would be required to evaluate the extent of VOCs in groundwater.

  On January 28, 2020, a legal firm representing the property owner sent a letter to Coit Services (Coit) describing the environmental concerns at the subject property as it related to the identified PCE contamination discovered during the soil and groundwater investigation. The letter identified Coit as the responsible party stating that Coit's carpet cleaning operations, including the use of a dry-cleaning machine using PCE, vehicle wash bay, and oil/water separator caused the contamination. The letter demanded that COIT commit to undertaking further investigation and cleanup of the identified contamination and obtain an unconditional no further action (NFA) determination.

  At the time of CODA issuing the Phase I ESA report, additional assessment had not been implemented and the Washington Department of Ecology (Ecology) had not been notified of the release. CODA concluded that the use of PCE in the former dry-cleaning machine and the identified soil and groundwater chlorinated solvent impacts represented a *recognized environmental condition*. Further assessment was recommended.

1.1 PURPOSE

As a result of the findings presented above, the Client asked CODA to develop a scope of work to further evaluate potential subsurface impacts at the subject property, including the potential for CVOC impacts migrating toward the adjoining river to the east.

1.2 DETAILED SCOPE OF SERVICES

These services were provided in accordance with the scope of services and terms and conditions outlined in our Proposal No. P21-4439 R1, dated November 3, 2021.

1.3 SIGNIFICANT ASSUMPTIONS

Information obtained from the Client, the Client's representative, individuals interviewed, and prior environmental reports were considered to be accurate unless CODA's reasonable inquiries clearly revealed otherwise.

Conditions observed were considered to be representative of areas that were not observed unless otherwise indicated.

The primary direction of groundwater flow was assumed to be dictated by topography, unless otherwise indicated by measurement of potentiometric surface or other quantifiable data. Additionally, the groundwater flow direction was assumed to control the distribution of impact, if present.

1.4 LIMITATIONS AND EXCEPTIONS

The findings and opinions presented are relative to the dates the work was conducted and should not be relied on to represent conditions at later dates. The opinions included herein are based on information obtained during the assessment and CODA's experience. If additional information becomes available that may impact CODA's environmental assessment findings, CODA requests the opportunity to review the information, reassess the potential concerns, and modify CODA's opinions, if warranted.

Although this assessment has attempted to identify *recognized environmental conditions*, CODA cannot eliminate all uncertainty as to *recognized environmental conditions* in connection with the subject property nor represent or warrant that the subject property contains no hazardous substances or petroleum products or other latent conditions beyond those identified through the scope of work identified herein. Other features, conditions, and constituents may have escaped detection due to: (1) the limited scope of this assessment, (2) the inaccuracy of public records, (3) the presence of undetected or unreported environmental incidents, (4) inaccessible areas, and/or (5) deliberate concealment of detrimental information.

CODA's professional services have been performed using that degree of care and skill ordinarily exercised, under similar conditions, by reputable environmental consultants undertaking similar studies and practicing in this locality during the same timeframe. No other warranty, expressed or implied, is intended or made with respect to this report or CODA's services. This assessment was not exhaustive, and Users of this report should consider the scope and limitations related to these services when developing opinions as to risks associated with the subject property.

This report presents an assessment of the subject property as defined by information provided by the Client, Client's representative, or Key Site Manager. CODA's findings, opinions, conclusions, and recommendations are based on the locations and boundaries of the subject property as evident in the field and on maps or plats provided by the Client, Client's representative, or Key Site Manager.

1.5 USER RELIANCE

This report represents CODA's services as of the date hereof. As CODA's final document, it may not be altered after final issuance. This assessment and report were prepared on behalf of and for the exclusive use of Terreno Realty Corporation solely for its use and reliance, subject to the terms and conditions agreed upon between CODA and Terreno Realty Corporation. The Client and CODA were solely involved in shaping the scope of services. Accordingly, reliance on this report by any other party may involve assumptions leading to an unintended interpretation of findings and opinions. As such, reliance by other parties on the contents of this document is not granted, and any such reliance shall be at the sole risk of the User. With the consent of CODA and the Client and for a fee, CODA may offer reliance to third parties or contract with other parties to develop findings and opinions related to such party's specific risk management objectives. Except as otherwise agreed in writing, any and all third-party reliance upon this Phase II Subsurface Assessment shall be subject to the terms in CODA's standard Terms and Conditions; the $50,000 liability limitation listed in CODA's standard Terms and Conditions (available upon request) constitutes CODA's aggregate liability to any and all relying on third parties for any and all claims.

2.0 SCOPE OF WORK, ASSESSMENT, AND FINDINGS

To address CODA's Phase I ESA findings, CODA conducted a Phase II Indoor Air Quality And Subsurface Assessment to assess for potential impacts associated with the previously identified PCE in the subsurface soils and groundwater. The field work was completed on December 8, 9, and 10, 2021. The scope of work consisted of the following tasks:

- Task 1 – Indoor Air Quality (IAQ) Sampling
- Task 2 – Soil Borings and Soil Sampling
- Task 3 – Soil Gas Sampling
- Task 4 – Groundwater Sampling

A Site Vicinity Map, Site Plan, and Sample Location Plan are included in Appendix A. Photographs are included in Appendix B.

3.0 INDOOR AIR QUALITY (IAQ) SAMPLING

Six (6) IAQ samples were collected inside the building and two ambient air samples were collected outside the building, for a total of eight (8) air samples. Two indoor air samples were collected in each of the three tenant spaces, one in the office area and one in the warehouse area. The two outside air samples were placed in the apparent upwind direction (west side) and apparent downwind direction (east side). The attached Sample Plan depicts the sample locations for the IAQ samples. The following presents the sample number and corresponding sampling location for each sample collected.

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE NUMBER	SAMPLE LOCATION
A-01	Seattle Pump, Office	A-05	Outside, West Side
A-02	Seattle Pump, Warehouse	A-06	PSI, Office
A-03	Coit, Processing Room	A-07	PSI, Warehouse
A-04	Coit, Warehouse	A-08	Outside, East Side

IAQ samples were collected into laboratory-supplied, batch-certified, 6-liter Summa™ canisters (provided by the selected laboratory) equipped with a vacuum gauge and mass flow controller. The Summa™ canisters were placed at a height consistent with the breathing zone (i.e., 3 to 5 feet above the interior floor surface) and equipped with laboratory-supplied flow regulators allowing for sample collection over an 8-hour period consistent with standard occupied hours.

Upon completion of the eight hour sampling period, the Summa™ canisters were closed, secured, and appropriately labeled with pertinent sample information, including the serial numbers of the canisters and associated flow regulators. Sample identification including sample number, sample start and end date/time, vacuum gauge pressure at the start of the sampling and end of sampling, and selected analysis was recorded on the canister identification tag and in the field notes. At the completion of the sampling, the Summa™ canisters were packed in their original packaging containers and shipped under proper chain-of-custody to Pace Analytical, a Washington certified laboratory, and analyzed for the presence of chlorinated volatile organic compounds (CVOCs) by method TO-15. At the request of the client, expedited 3-day turnaround time (TAT) following receipt of the samples by the laboratory was applied.

3.1 INDOOR AIR QUALITY (IAQ) RESULTS

Tetrachloroethene (aka PCE or PERC) was the only chlorinated solvent associated with dry cleaning chemicals detected in the inside air samples. PCE was detected in both samples collected from within the Coit tenant space, at concentrations below regulatory action levels. PCE was detected in sample collected in the Coit Processing Room (A-03) at a concentration of 2.01 micrograms per meter cubed ($\mu g/m^3$) and the Coit Warehouse (A-04) at a concentration of 1.82 $\mu g/m^3$. The most restrictive regulatory limit for PCE is 9.62 $\mu g/m^3$.

Four other chlorinated solvents, chloromethane, trichlorofluoromethane, dichlorodifluoromethane, and methylene chloride were also detected at concentrations below regulatory limits, except for methylene chloride which was detected in the Seattle Pump warehouse. Methylene chloride was detected as at a concentration of 293 $\mu g/m^3$, while the most stringent action level is 65.8 $\mu g/m^3$. It is believed that the four chlorinated solvents are not associated with dry cleaning chemicals are from chemicals stored and used by the tenants. CODA also notes that both trichlorofluoromethane and dichlorodifluoromethane are propellants used in aerosol cans such as spray paints and spray solvent such as WD-40.

A summary of the chlorinated solvents detected in the indoor air is presented in Table 1 – Indoor Air Quality Results – December 8, 2021.

4.0 SOIL BORINGS AND SOIL SAMPLING

Prior to initiating drilling activities, the Washington State Utility Notification Center was notified to locate public utilities at the subject property. Since the State clearance system will typically not

clear private utilities on private property, CODA contracted a private utility locating service (GPRS, Inc.) to clear the proposed boring locations for private utilities.

CODA subcontracted Holt Services, Inc., to provide the environmental direct push drilling services. On December 9 & 10, 2021, twelve soil probe borings (B-1 to B-12) were advanced using a direct push, hydraulic probe rig. Seven borings were placed along the east (B-1 to B-5), northeast (B-6), and southeast (B-9) sides of the building in the assumed downgradient groundwater flow direction towards the adjacent river boarding the east side of the subject property. One boring (B-7) was placed near the oil/water separator located on the north side of the building. One additional boring (B-8) was placed on the west side of the subject property in the assumed upgradient direction to groundwater flow.

Three borings were placed inside the building near the former dry cleaning machine. One boring (B-10) was placed in the Seattle Pump warehouse in the assumed downgradient direction from the former dry cleaning machine. Two borings (B-11 & B-12) were placed in the PSI warehouse near the location of the former dry cleaning machine and the previous soil borings that were completed in 2019. Soil borings were advanced to a depth of approximately 20 feet below ground level (bgs). See attached Sample Plan showing the locations of the completed soil borings.

Soil probe borings were completed with a track-mounted Geoprobe™, direct push, hydraulic probe machine. Downhole soil probe sampling was completed using a five-foot long stainless-steel sample tube with a new, dedicated acetate liner. The soil sample was removed from the acetate liner and characterized for soil type and visual or olfactory evidence of contamination. A portion of the soil cuttings collected from the bore holes was placed in a sealed plastic bag and field screened for the presence of volatile organic compounds (VOCs) with a hand-held photoionization detector (PID). No elevated PID readings were noted.

One soil sample was collected from the exterior borings from the soils above the observed water table (10' to 15') using the criteria discussed above (borings B-01 to B-09). Two soil samples were collected from the three soil borings (B-10, B-11 & B-12) near the former dry cleaning machine. One sample was collected from the 0' to 5' interval and one deeper sample from above the water table (10' – 15').

The soil samples selected for laboratory analysis were placed in laboratory-supplied containers, placed on ice for thermal preservation (generally around 4°C), and shipped under chain-of-custody to Pace Analytical for analysis. A total of fifteen (15) soil samples were analyzed for VOCs using US.EPA Method 5260C/5035. At the request of the client, expedited 2-day turnaround time (TAT) following receipt of the samples by the laboratory was applied.

4.1 SUBSURFACE SOIL FINDINGS

In general, the subsurface soil lithology was similar in all the borings. Fill material was encountered in all the borings from the surface to a depth of 2' to 6' below ground surface (bgs). Underlying the fill material interbedded sands and silts were observed to the end of the borings at approximately 20 feet bgs. Groundwater was generally observed around 14' to 16' bgs.

Soil Boring Logs are included in Appendix C.

4.2 SOIL ANALYTICAL FINDINGS

As stated above, fifteen soil samples were collected from 12 soil borings. No chlorinated solvents were detected in the soil samples from borings B-1, B-2, B-3, B-4, B-5, B-6, B-8, and B-9. One

chlorinated solvent, cis-1,2-dichloroethene (cis-1,2-DCE), was detected in the soil sample (B-7) collected from near the oil/water separator on the north side of the building. The detected concentration (0.33 milligrams per kilogram [mg/kg]) exceeds the most stringent action level of 0.078 mg/kg.

Cis-1,2-DCE and trans-1,2-dichloroethene (trans-1,2-DCE) were detected in the shallow soil sample (0'-5') from soil boring B-10 (B10-1) at concentrations below their respective action levels. Chlorinated solvents were not detected in the deeper soil sample (B10-2, 10'-15'). Soil boring B-10 was placed in the warehouse of Seattle Pump.

Cis-1,2 DCE, tetrachloroethene (PCE), and trichloroethene (TCE) were detected in the shallow soil sample from soil boring B11-1. Cis-1,2 DCE and TCE were below their respective action level. PCE was detected at a concentration of 0.136 mg/kg which exceeds it action level 0.05 mg/kg. Cis-DCE, trans-DCE, PCE, TCE, and vinyl chloride were detected in the deeper (10'-15') from soil boring B-11 (soil sample B11-2). Cis-1,2 DCE was detected at a concentration of 0.126 mg/kg which exceeds it most restrictive action level of 0.078 mg/kg. Trans-1,2 DCE, PCE, and vinyl chloride were below their respective action levels.

Cis-1,2 DCE and trans-1,2 DCE were detected in the shallow soil sample from soil boring B12-1, with cis-1,2 DCE detected at a concentration of 0.273 mg/kg which exceeds it most restrictive action level of 0.078 mg/kg. Trans-1,2 DCE was detected at a concentration below its action level. Cis-1,2 DCE at a concentration of 0.146 mg/kg was detected in the deeper soil sample B12-2 at a concentration above its respective action level. Trans-1,2 DCE was detected at a concentration below its respective action level. Both soil borings B-11 and B-12 were placed in the PSI warehouse near the former dry cleaning machine and in the vicinity of the two previous soil borings from the 2019 Phase II.

A summary of the chlorinated solvents detected in the soil samples is presented in Table 2 – Soil Results – December 9 & 10, 2021.

5.0 SUBSURFACE SOIL GAS SAMPLING

Two soil gas samples were collected as follows – Boring B-10/SG-1 was collected in the Seattle Pump warehouse and Boring B-12/SG-2 was collected in the PSI warehouse. Soil gas probes were advanced to a depth of approximately 4.0 feet bgs using a direct push, hydraulic probe rig. Clean, dry sand was used to backfill the bottom of the borehole, followed by the installation of a temporary soil gas probe. New, dedicated, 0.25-inch diameter Teflon™ tubing was attached to the soil gas probe and extended through the sand to approximately 6-inches above the probe.

The bore hole annulus was filled to approximately one foot above the sand pack with dry granular bentonite, followed by hydrated granular bentonite to the surface. Finally, the surface was sealed with VOC-free playdough to prevent ambient air from inside the warehouse entering the borehole.

After allowing the soil probe to equilibrate, a shut-in test was performed to check for leaks in the above-ground sampling manifold. The shut-in test was performed by exerting a vacuum for approximately 1 minute on the sealed manifold using a handheld vacuum pump. If a loss of vacuum was observed, the fittings were adjusted until the vacuum in the sample train did not noticeably dissipate. Following the shut-in test, a leak check test was performed by introducing and maintaining helium in the ambient air within a plastic shroud placed over the sampling apparatus for the duration of the sample collection. Following the shut-in test and leak check test,

approximately three volumes of air was purged from the annular space and tubing prior to collecting the soil gas sample. Each soil gas sample was collected into a 1-liter Summa™ canister with a laboratory supplied regulator set at 200 milliliters per minute (approximately 5 minutes). Each Summa™ canister was batch certified clean by the laboratory.

Following completion of the sample collection, the Summa™ canister was labeled with project information, including project name, project number, sample location and depth, date and time of sampling, and canister identification number. Upon completion of the sampling, the temporary sampling probes were removed and sealed with hydrated bentonite. The surface was then patched with concrete. The Summa™ canisters were re-packaged into the originating shipping container, with associated chain-of-custody, and sent to Pace Analytical for analysis. Each soil gas sample was analyzed for VOCs using U.S. EPA Method TO-15.

5.1 SUBSURFACE SOIL GAS SAMPLING RESULTS

PCE was detected in soil gas sample SG-1 from the Seattle Pump warehouse at a concentration of 6.99 micrograms per meter cubed (µg/m3) which is below it most restrictive action level of 960 µg/m^3. Several other chlorinated solvents, chloromethane, trichlorofluoromethane, dichlorodifluoromethane, and methylene chloride were detected at concentrations below their respective action levels.

Several chlorinated VOCs were detected above their action levels from the soil gas sample SG-2 collected in the PSI warehouse (in the vicinity of the 2019 sampling event and former dry cleaning machine). TCE was detected at a concentration of 70.2 µg/m^3 which exceeds its most restrictive action level of 33 µg/m^3. PCE was detected at a concentration of 615 µg/m^3which is below its most restrictive action level of 960 µg/m^3. Trans-1,2 DCE was detected at a concentration of 202 µg/m^3 which is below its most restrictive action level of 1800 µg/m^3. Vinyl chloride (VC) was detected at a concentration of 81.3 µg/m^3 which exceeds it most restrictive action level of 28 µg/m^3. CODA also notes that cis-1,2 DCE was detected in soil gas sample SG-02 at a concentration of 4,360 µg/m^3; however, a soil gas screening level has not been established for cis-1,2 DCE. At the request of the client, expedited 2-day turnaround time (TAT) following receipt of the samples by the laboratory was applied.

A summary of the chlorinated solvents detected in the soil gas samples is presented in Table 3 – Soil Gas Results – December 9 & 10, 2021.

6.0 GROUNDWATER SAMPLING

Ten of the 12 of the soil borings were converted into temporary groundwater sampling wells. Seven temporary wells were placed along the east (B1-W to B5-W), northeast (B6-W), and southeast (B9-W) sides of the building in the assumed downgradient groundwater flow direction towards the adjacent river boarding the east side of the subject property. One temporary well (B7-W) was placed near the oil/water separator located on the north side of the building. One additional temporary well (B8-W) was placed on the west side of the subject property in the assumed upgradient direction to groundwater flow. One temporary well (B11-W) was placed inside the building in the PSI warehouse near the location of the former dry cleaning machine and the previous soil borings that were completed in 2019. The temporary wells were completed to an approximate depth of 20 feet bgs.

The temporary groundwater sampling wells were constructed by inserting a new, dedicated, one inch (outside diameter) PVC pipe into the open bore hole. Ten feet of 0.0l0" slotted screen was placed at the bottom of the well with solid PVC pipe extending to the surface. Each well was purged of at least three well volumes (if possible), or until water was running clear, by using 1/4-inch polyethylene tubing attached to a peristaltic pump. New tubing was used for each well. One groundwater sample was collected from each temporary well into laboratory-supplied containers, placed on ice for thermal preservation, and shipped under property chain-of-custody to Pace Analytical for analysis. Each groundwater sample was analyzed for VOCs using US EPA Method 8260C. At the request of the client, expedited 2-day turnaround time (TAT) following receipt of the samples by the laboratory was applied.

Upon completion of the groundwater sampling, the temporary groundwater sampling wells were removed, and the borings backfilled with hydrated bentonite chips and resurfaced to the original grade using materials like those of the surrounding surfaces, where practical (e.g., asphalt or concrete).

6.1 GROUNDWATER SAMPLING RESULTS

Of the seven groundwater samples (B1-W, B2-W, B3-W, B4-W, B5-W, B6-W and B9-W) collected in the apparent downgradient direction between the building and the adjoining river, chlorinated solvents were only detected in one groundwater sample (B4-W). Cis-1,2 DCE was detected at a concentration of 0.305 micrograms per liter (µg/L) which is below its most restricted action level of 16 µg/L. Vinyl chloride was detected in B4-W at a concentration of 0.443 µg/L which exceeds it most restrictive action level of 0.029 µg/L. Cis-1,2 DCE was also detected in groundwater samples B-6W, B7-W, and B11-W at concentrations below the most restrictive action level. Vinyl chloride was detected in groundwater samples B7-W (1.55 µg/L) and B11-W (2.99 µg/L) exceeding its action level of 0.029 µg/L. Cis-1,2 DCE and PCE were also detected in groundwater sample B11-W at a concentration below their most restrictive action levels.

A summary of the chlorinated solvents detected in the groundwater samples is presented in Table 4 – Groundwater Results – December 9 & 10, 2021.

Tables presenting the analytical results for the IAQ, soil sampling, soil gas sampling, and groundwater sampling are presented in Appendix C – Analytical Results Tables. Complete laboratory reports are presented in Appendix D – Laboratory Data Reports.

7.0 INVESTIGATION-DERIVED WASTE

Soil cuttings and purged groundwater generated from field activities were placed into labeled DOT[1] drums and stored onsite pending characterization and disposal options. Costs for disposal of the investigative-derived waste were not included, considering the uncertainty of the chemical composition of the soil and groundwater. Estimates to profile and coordinating the removal of the drums can be provided at a later date once a disposal contractor is selected.

[1] DOT – Department of Transportation.

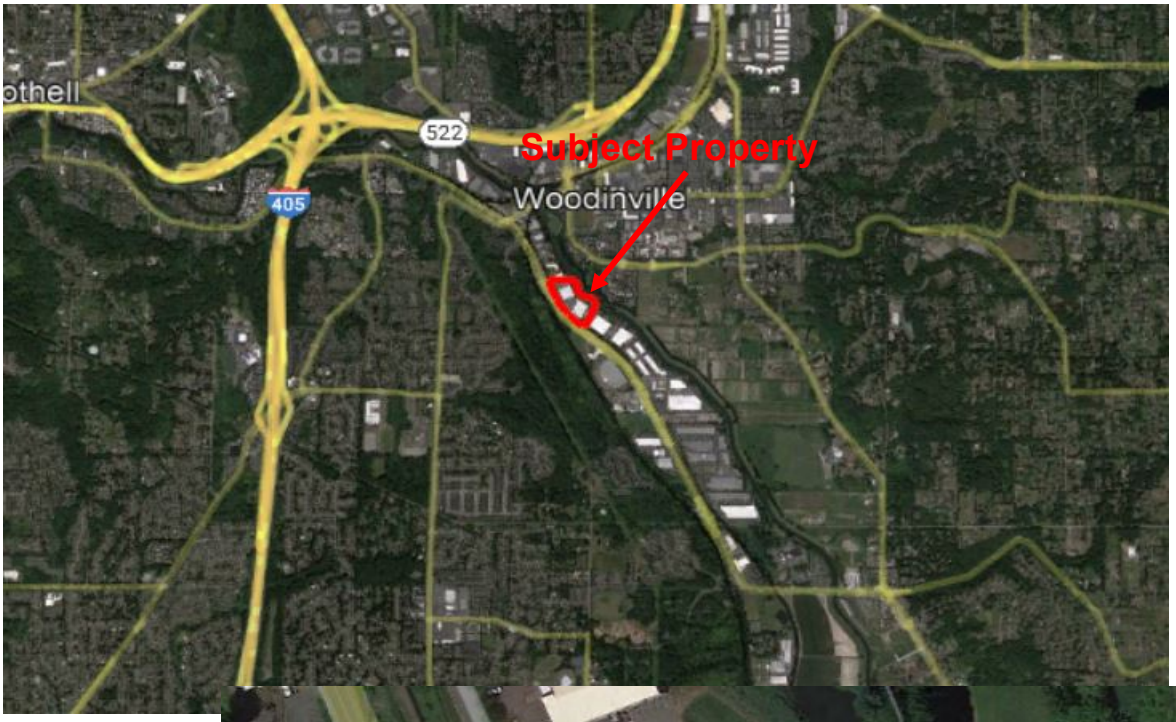
8.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results presented above, it is apparent that chlorinated solvents associated with past dry cleaning operations have impacted the subsurface soil, soil gas and groundwater. Subsurface impacts appear to be concentrated in the vicinity of the former dry cleaning machine that was operated by Coit Services.

CODA recommends additional assessment to determine the extent of impacts. Although PCE was detected in the indoor air of the Coit tenant space at levels below its respective action level, continued indoor air quality monitoring should be implemented to assess indoor air for chlorinated solvents that could be attributed to chlorinated solvents detected in the subsurface.

CODA notes that impacts to soil, groundwater, air, or indoor air are required to be reported to the Washington Department of Ecology (Ecology) within 90 days. Once Ecology is notified of the release, the preparation of required assessment and corrective action (i.e., remedial objectives) reports will need to be prepared and approved by Ecology to obtain a No Further Action (NFA) closure letter from Ecology.

Appendix A
Figures

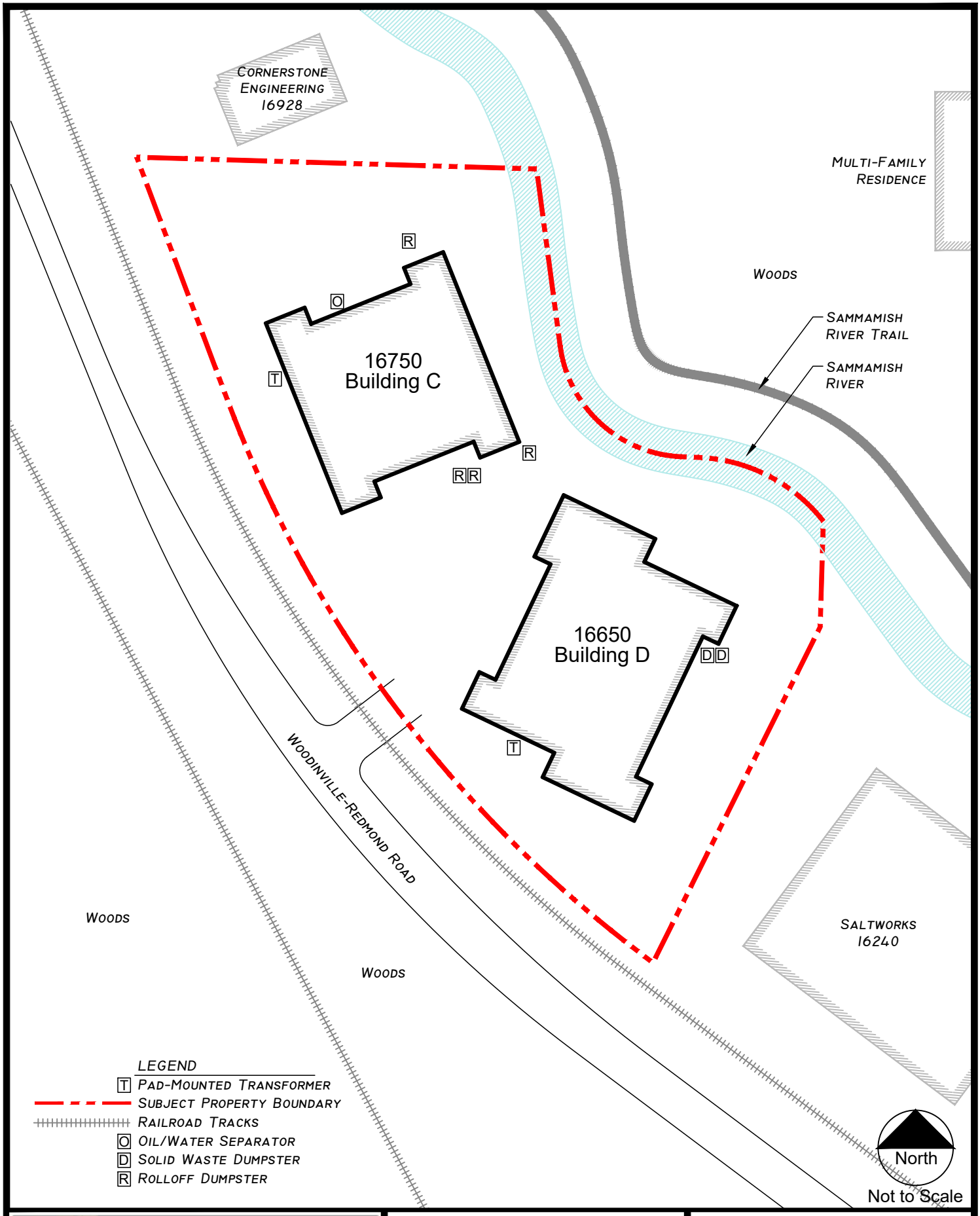


Source: Google Earth, June 2021 Image
Scale: None

N

SITE LOCATION MAP

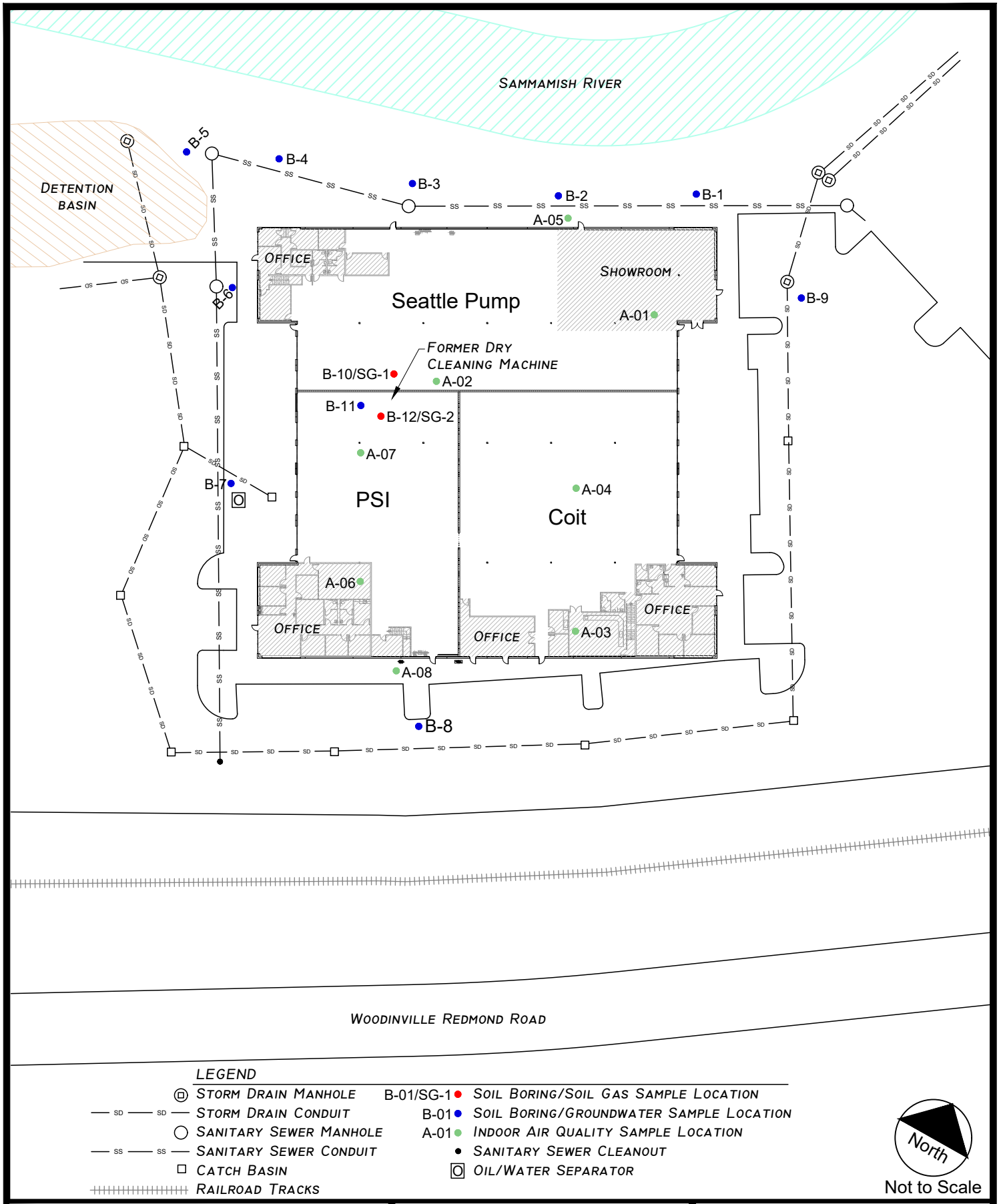
INDUSTRIAL BUILDINGS
16650-16750 WOODINVILLE REDMOND RD
WOODINVILLE, WA, 98072
CODA Project Number 21-2887



CODA

INDUSTRIAL BUILDINGS
16650-16750 WOODINVILLE-REDMOND RD
WOODINVILLE, WA 98072
CODA PROJECT NUMBER 21-2887

Site Plan



CODA

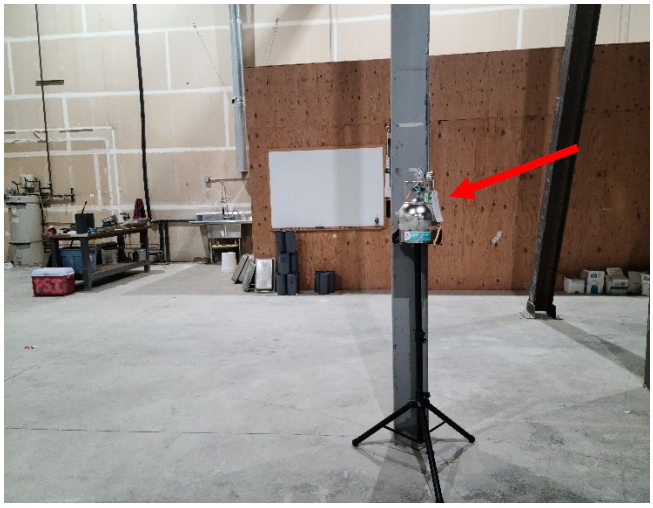
16750 WOODINVILLE REDMOND RD
WOODINVILLE, WA, 98072
CODA Project Number 21-2887

Sample Plan

Appendix B
Photographs

			
1.	View of the north side of the 16750 building.	2.	View of the south side of the 16750 building.
			
3.	View of the adjoining river to the east.	4.	Indoor air sample being collected inside the Seattle Pump tenant space.
			
5.	Indoor air sample being collected inside the Coit Processing Room.	6.	Indoor air sample being collected inside the Coit Warehouse.

16750 Woodinville-Redmond Rd,
Woodinville, WA
CODA Project 21-2887
Date of Photos: December 8, 9, 10, 2021

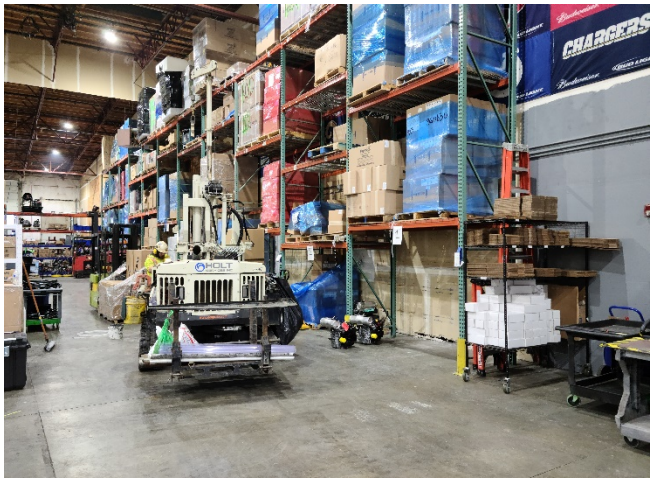
			
7.	Indoor air sample being collected outside the west side of the building.	8.	Indoor air sample being collected inside the PSI Warehouse.
			
9.	Indoor air sample being collected outside the east side of the building.	10.	Collecting soil samples along the southeast side of the building.
			
11.	Collecting soil samples along the northeast side of the building.	12.	Typical soil lithology collected from soil borings.

16750 Woodinville-Redmond Rd,
Woodinville, WA
CODA Project 21-2887
Date of Photos: December 8, 9, 10, 2021

13.	Collecting soil samples along the north side of the building.

14.	Collecting soil samples near the oil/water separator at the north side of the building.

15.	Collecting soil samples along the southeast side of the building.



16.	Collecting soil samples in the Seattle Pump warehouse.

17.	Sealing borehole with VOC playdough before collecting soil gas sample.

18.	Screening soil gas with PID.

16750 Woodinville-Redmond Rd,
Woodinville, WA
CODA Project 21-2887
Date of Photos: December 8, 9, 10, 2021

Appendix C
Soil Boring Logs

RECORD OF SUBSURFACE EXPLORATION

CODA PROPERTY SOLUTIONS

Project: TRNO WOODINVILLE
Location: 16750 WOODINVILLE-REDMOND ROAD, WOODINVILLE, WA
Drilled By: HOLT DRILLING
Drilling Method(s): HYDRAULIC PROBE
Sampling Method(s): 5' SOLID BARREL SAMPLER with PVC LINER
Groundwater Information: INITIAL: 16.0' FINAL:

Boring/Well No.: B- 1 **Page 1 of 1**
Project No.: 21-2887
Date Started: 12/9/21
Date Ended: 12/9/21
Logged By: MARK KRUEGER
Weather: 40°F, Light Rain, Light Wind NW

Boring/Monitor Well Information> Hole Dia.: 2.0" Total Depth: 20.0'
Casing> Type: PVC Dia.: 1.0" Length: 10.0'
Screen> Type: PVC Slot: 0.010" Dia.: 1.0" Length: 10.0'
Gravel Pack: N/A Seal: N/A

DEPTH (FT)	DESCRIPTION OF STRATUM	SOIL SYMBOL	WELL COMPLETION	SAMPLE TYPE	SAMPLE RECOVERY	INTERVAL SAMPLED	PID (ppm)	DEPTH, (FT)
	Grass, Topsoil/Gravel Mix SAND, brown, fine grain, poorly sorted, some fines				100	0.0-5.0'	0.0	
5	5.0							5
	SILT, gray, some plasticity, trace clay				100	5.0'-10.0'	0.1	
10	11.0							10
	SILT, dark brown, very organic				100	10.0-15.0'	0.0	
	14.0							
15	SAND, grayish-blue, fine grain, poorly sorted, some fine, wet							15
▽	- groundwater observed at 16.0'				100	15.0-20.0'	0.0	
20	Bottom of Test Boring at 20.00'							20

▽ WATER INITIAL ▼ WATER FINAL ◨ HAND AUGER
▨ NO RECOVERY ◪ CORE BARREL ■ SHELBY TUBE SAMPLES
◧ CONTINUOUS FLIGHT AUGER ◨ CUTTINGS ⊠ DRIVEN SPLIT SPOON

MONITOR WELL LEGEND
FLUSH CURB BOX CEMENT SAND
BENTONITE SCREENED INTERVAL

CODALOG2 C21-2877.GPJ 12/28/21

RECORD OF SUBSURFACE EXPLORATION

CODA PROPERTY SOLUTIONS

Project: TRNO WOODINVILLE
Boring/Well No.: B- 2

Location: 16750 WOODINVILLE-REDMOND ROAD, WOODINVILLE, WA
Project No.: 21-2887

Drilled By: HOLT DRILLING
Date Started: 12/9/21

Drilling Method(s): HYDRAULIC PROBE
Date Ended: 12/9/21

Sampling Method(s): 5' SOLID BARREL SAMPLER with PVC LINER
Logged By: MARK KRUEGER

Groundwater Information: INITIAL: 15.0' FINAL:
Weather: 40°F, Light Rain, Light Wind NW

Boring/Monitor Well Information> Hole Dia.: 2.0" Total Depth: 20.0'
Casing> Type: PVC Dia.: 1.0" Length: 10.0'
Screen> Type: PVC Slot: 0.010" Dia.: 1.0" Length: 10.0'
Gravel Pack: N/A Seal: N/A

DEPTH (FT)	DESCRIPTION OF STRATUM	SOIL SYMBOL	WELL COMPLETION	SAMPLE TYPE	SAMPLE RECOVERY	INTERVAL SAMPLED	PID (ppm)	DEPTH, (FT)
	Grass, Topsoil/Gravel Mix FILL, brown, sand, silt and clay mix, crumbly				80	0.0-5.0'	0.0	
4.0								
5	SAND, brown, fine grain, poorly sorted, some fines							5
6.0								
	SILT, brown, crumbly				95	5.0'-10.0'	0.0	
10								10
11.0								
	SAND, grayish-brown, fine grain, poorly sorted, silty				100	10.0-15.0'	0.1	
14.0								
▽ 15	SILT, dark brown, very organic - groundwater observed at 15.0'							15
					100	15.0-20.0'	0.2	
20	Bottom of Test Boring at 20.00'							20

▽ WATER INITIAL ▼ WATER FINAL ◨ HAND AUGER
▨ NO RECOVERY ◪ CORE BARREL ■ SHELBY TUBE SAMPLES
◧ CONTINUOUS FLIGHT AUGER ◧ CUTTINGS ⊠ DRIVEN SPLIT SPOON

MONITOR WELL LEGEND
FLUSH CURB BOX CEMENT SAND
BENTONITE SCREENED INTERVAL

RECORD OF SUBSURFACE EXPLORATION

Project: TRNO WOODINVILLE
Location: 16750 WOODINVILLE-REDMOND ROAD, WOODINVILLE, WA
Drilled By: HOLT DRILLING
Drilling Method(s): HYDRAULIC PROBE
Sampling Method(s): 5' SOLID BARREL SAMPLER with PVC LINER
Groundwater Information: INITIAL: 16.0' FINAL:

Boring/Well No.: B- 3
Project No.: 21-2887
Date Started: 12/9/21
Date Ended: 12/9/21
Logged By: MARK KRUEGER
Weather: 40°F, Light Rain, Light Wind NW

Boring/Monitor Well Information> Hole Dia.: 2.0" Total Depth: 20.0'
Casing> Type: PVC Dia.: 1.0" Length: 10.0'
Screen> Type: PVC Slot: 0.010" Dia.: 1.0" Length: 10.0'
Gravel Pack: N/A Seal: N/A

DEPTH (FT)	DESCRIPTION OF STRATUM	SOIL SYMBOL	WELL COMPLETION	SAMPLE TYPE	SAMPLE RECOVERY	INTERVAL SAMPLED	PID (ppm)	DEPTH, (FT)
	Grass, Topsoil/Gravel Mix FILL, grayish-brown, sand, silt and clay mix, crumbly, some roots				40	0.0-5.0'	0.1	
5								5
6.0	SILT, brown, crumbly				75	5.0'-10.0'	0.0	
	- becoming fine sand							
10								10
11.0	SILT, dark brown, very organic				100	10.0-15.0'	0.0	
14.0	SAND, brownish-gray to grayish-blue, fine grain, poorly sorted, dark brown silt lenses							
15								15
▽	- groundwater observed at 16.0'				100	15.0-20.0'	0.0	
20	Bottom of Test Boring at 20.00'							20

▽ WATER INITIAL ▼ WATER FINAL ◨ HAND AUGER
▨ NO RECOVERY ◪ CORE BARREL ■ SHELBY TUBE SAMPLES
◧ CONTINUOUS FLIGHT AUGER ◨ CUTTINGS ⊠ DRIVEN SPLIT SPOON

MONITOR WELL LEGEND
FLUSH CURB BOX CEMENT SAND
BENTONITE SCREENED INTERVAL

CODALOG2 C21-2877.GPJ 12/28/21

RECORD OF SUBSURFACE EXPLORATION

Project: TRNO WOODINVILLE
Location: 16750 WOODINVILLE-REDMOND ROAD, WOODINVILLE, WA
Drilled By: HOLT DRILLING
Drilling Method(s): HYDRAULIC PROBE
Sampling Method(s): 5' SOLID BARREL SAMPLER with PVC LINER
Groundwater Information: INITIAL: 15.0' FINAL:

Boring/Well No.: B- 4
Project No.: 21-2887
Date Started: 12/9/21
Date Ended: 12/9/21
Logged By: MARK KRUEGER
Weather: 40°F, Light Rain, Light Wind NW

Boring/Monitor Well Information> Hole Dia.: 2.0" Total Depth: 20.0'
Casing> Type: PVC Dia.: 1.0" Length: 10.0'
Screen> Type: PVC Slot: 0.010" Dia.: 1.0" Length: 10.0'
Gravel Pack: N/A Seal: N/A

DEPTH (FT)	DESCRIPTION OF STRATUM	SAMPLE RECOVERY	INTERVAL SAMPLED	PID (ppm)
	Grass, Topsoil/Gravel Mix FILL, grayish-brown, sand, silt and clay mix, crumbly, some roots	80	0.0-5.0'	0.0
4.0				
	SILT, brown, crumbly			
6.0				
	SAND, brownish-gray, fine grain, poorly sorted, some fines	90	5.0'-10.0'	0.0
8.0				
	SILT, dark brown, very organic	100	10.0-15.0'	0.0
13.0				
	SILT, bluish-gray, wet - groundwater observed at 15.0'	100	15.0-20.0'	0.0
18.0				
	SAND, bluish-gray, fine grain, poorly sorted, some fine, wet			
	Bottom of Test Boring at 20.00'			

SOIL SYMBOL | WELL COMPLETION | SAMPLE TYPE | DEPTH, (FT)

5 10 15 20

▽ WATER INITIAL ▼ WATER FINAL ◨ HAND AUGER
▨ NO RECOVERY ◪ CORE BARREL ■ SHELBY TUBE SAMPLES
◧ CONTINUOUS FLIGHT AUGER ◧ CUTTINGS ⊠ DRIVEN SPLIT SPOON

MONITOR WELL LEGEND
▭ FLUSH CURB BOX ◺ CEMENT ⁘ SAND
⊠ BENTONITE ⊟ SCREENED INTERVAL

CODALOG2 C21-2877.GPJ 12/28/21

RECORD OF SUBSURFACE EXPLORATION

CODA PROPERTY SOLUTIONS

Project: TRNO WOODINVILLE
Location: 16750 WOODINVILLE-REDMOND ROAD, WOODINVILLE, WA
Drilled By: HOLT DRILLING
Drilling Method(s): HYDRAULIC PROBE
Sampling Method(s): 5' SOLID BARREL SAMPLER with PVC LINER
Groundwater Information: INITIAL: 13.0' FINAL:

Boring/Well No.: B- 5 **Page 1 of 1**
Project No.: 21-2887
Date Started: 12/9/21
Date Ended: 12/9/21
Logged By: MARK KRUEGER
Weather: 40°F, Light Rain, Light Wind NW

Boring/Monitor Well Information> Hole Dia.: 2.0" Total Depth: 20.0'
Casing> Type: PVC Dia.: 1.0" Length: 10.0'
Screen> Type: PVC Slot: 0.010" Dia.: 1.0" Length: 10.0'
Gravel Pack: N/A Seal: N/A

DEPTH (FT)	DESCRIPTION OF STRATUM	SOIL SYMBOL	WELL COMPLETION	SAMPLE TYPE	SAMPLE RECOVERY	INTERVAL SAMPLED	PID (ppm)	DEPTH, (FT)
	Grass, Topsoil/Gravel Mix FILL, grayish-brown, sand, silt and clay mix, crumbly, some roots				90	0.0-5.0'	0.0	
4.0								
	SAND, brown, fine grain, poorly sorted, some fines							
5								5
6.0								
	SILT, brown to gray				100	5.0'-10.0'	0.3	
10	- becoming bluish-gray							10
13.0	- groundwater observed at 13.0'				100	10.0-15.0'	0.4	
	SAND, grayish-blue, fine grain, poorly sorted, some fine, interbedded with thin very dark brown, organic silt lenses, wet							
15								15
					100	15.0-20.0'	0.1	
20	Bottom of Test Boring at 20.00'							20

WATER INITIAL ▽ | WATER FINAL ▼ | HAND AUGER ◨ | NO RECOVERY ⊘ | CORE BARREL ◪ | SHELBY TUBE SAMPLES ■ | CONTINUOUS FLIGHT AUGER ◧ | CUTTINGS ◨ | DRIVEN SPLIT SPOON ⊠

MONITOR WELL LEGEND: FLUSH CURB BOX | CEMENT | SAND | BENTONITE | SCREENED INTERVAL

CODALOG2 C21-2877.GPJ 12/28/21

RECORD OF SUBSURFACE EXPLORATION

CODA PROPERTY SOLUTIONS

Project: TRNO WOODINVILLE
Boring/Well No.: B- 6

Location: 16750 WOODINVILLE-REDMOND ROAD, WOODINVILLE, WA
Project No.: 21-2887

Drilled By: HOLT DRILLING
Date Started: 12/9/21

Drilling Method(s): HYDRAULIC PROBE
Date Ended: 12/9/21

Sampling Method(s): 5' SOLID BARREL SAMPLER with PVC LINER
Logged By: MARK KRUEGER

Groundwater Information: INITIAL: 16.0' FINAL:
Weather: 40°F, Light Rain, Light Wind NW

Boring/Monitor Well Information> Hole Dia.: 2.0" Total Depth: 20.0'
Casing> Type: PVC Dia.: 1.0" Length: 10.0'
Screen> Type: PVC Slot: 0.010" Dia.: 1.0" Length: 10.0'
Gravel Pack: N/A Seal: N/A

DEPTH (FT)	DESCRIPTION OF STRATUM	SOIL SYMBOL	WELL COMPLETION	SAMPLE TYPE	SAMPLE RECOVERY	INTERVAL SAMPLED	PID (ppm)	DEPTH, (FT)
	Grass, Topsoil/Gravel Mix FILL, grayish-brown, sand, silt and clay mix, crumbly, some roots							
2.0								
	SAND, bluish-gray, fine grain, poorly sorted, silty				80	0.0-5.0'	0.0	
5								5
7.0								
	SILT, brown, slightly plastic				100	5.0'-10.0'	0.2	
10								10
11.0								
	SAND, bluish-gray, fine grain, poorly sorted, some fines, interbedded with thin very dark brown, organic silt lenses, occasional medium grain sand lenses, wet				90	10.0-15.0'	0.2	
15								15
▽	- groundwater observed at 16.0'				100	15.0-20.0'	0.0	
20								20
	Bottom of Test Boring at 20.00'							

▽ WATER INITIAL ▽ WATER FINAL ◨ HAND AUGER
▨ NO RECOVERY ◪ CORE BARREL ■ SHELBY TUBE SAMPLES
◧ CONTINUOUS FLIGHT AUGER ◧ CUTTINGS ⊠ DRIVEN SPLIT SPOON

MONITOR WELL LEGEND
FLUSH CURB BOX CEMENT SAND
BENTONITE SCREENED INTERVAL

CODALOG2 C21-2877.GPJ 12/28/21

RECORD OF SUBSURFACE EXPLORATION

Project: TRNO WOODINVILLE
Location: 16750 WOODINVILLE-REDMOND ROAD, WOODINVILLE, WA
Drilled By: HOLT DRILLING
Drilling Method(s): HYDRAULIC PROBE
Sampling Method(s): 5' SOLID BARREL SAMPLER with PVC LINER
Groundwater Information: INITIAL: 14.0' FINAL:

Boring/Well No.: B- 7
Project No.: 21-2887
Date Started: 12/9/21
Date Ended: 12/9/21
Logged By: MARK KRUEGER
Weather: 40°F, Light Rain, Light Wind NW

Boring/Monitor Well Information> Hole Dia.: 2.0" Total Depth: 20.0'
Casing> Type: PVC Dia.: 1.0" Length: 10.0'
Screen> Type: PVC Slot: 0.010" Dia.: 1.0" Length: 10.0'
Gravel Pack: N/A Seal: N/A

DEPTH (FT)	DESCRIPTION OF STRATUM	SAMPLE RECOVERY	INTERVAL SAMPLED	PID (ppm)
	Grass, Topsoil/Gravel Mix FILL, grayish-brown, sand, silt and clay mix, loose	70	0.0-5.0'	0.2
4.0				
5	SAND, bluish-gray, fine grain, poorly sorted, very silty			
6.0				
	SILT, bluish-gray, slightly plastic, interbedded with dark brown organic silt and bluish-gray sand lenses	100	5.0'-10.0'	0.7
10				
		100	10.0-15.0'	0.2
14.0	▽ - groundwater observed at 14.0'			
15	SAND, bluish-gray, fine grain, poorly sorted, some fines, interbedded with thin very dark brown, organic silt lenses, occasional medium grain sand lenses, wet	100	15.0-20.0'	0.1
20	Bottom of Test Boring at 20.00'			

SOIL SYMBOL | WELL COMPLETION | SAMPLE TYPE | DEPTH, (FT)

▽ WATER INITIAL ▼ WATER FINAL ◨ HAND AUGER
⦸ NO RECOVERY ◪ CORE BARREL ■ SHELBY TUBE SAMPLES
◧ CONTINUOUS FLIGHT AUGER ◫ CUTTINGS ⊠ DRIVEN SPLIT SPOON

MONITOR WELL LEGEND
FLUSH CURB BOX CEMENT SAND
BENTONITE SCREENED INTERVAL

CODALOG2 C21-2877.GPJ 12/28/21

RECORD OF SUBSURFACE EXPLORATION

CODA PROPERTY SOLUTIONS

Project: TRNO WOODINVILLE
Location: 16750 WOODINVILLE-REDMOND ROAD, WOODINVILLE, WA
Drilled By: HOLT DRILLING
Drilling Method(s): HYDRAULIC PROBE
Sampling Method(s): 5' SOLID BARREL SAMPLER with PVC LINER
Groundwater Information: INITIAL: 13.0' FINAL:

Boring/Well No.: B- 8 **Page 1 of 1**
Project No.: 21-2887
Date Started: 12/9/21
Date Ended: 12/9/21
Logged By: MARK KRUEGER
Weather: 40°F, Light Rain, Light Wind NW

Boring/Monitor Well Information> Hole Dia.: 2.0" Total Depth: 20.0'
Casing> Type: PVC Dia.: 1.0" Length: 10.0'
Screen> Type: PVC Slot: 0.010" Dia.: 1.0" Length: 10.0'
Gravel Pack: N/A Seal: N/A

DEPTH (FT)	DESCRIPTION OF STRATUM	SOIL SYMBOL	WELL COMPLETION	SAMPLE TYPE	SAMPLE RECOVERY	INTERVAL SAMPLED	PID (ppm)	DEPTH, (FT)
	Grass, Topsoil/Gravel Mix FILL, grayish-brown, sand, silt and clay mix, loose				90	0.0-5.0'	0.0	
5								5
6.0	SILT, bluish-gray, slightly plastic				100	5.0'-10.0'	0.0	
9.0	SAND, bluish-gray, fine grain, poorly sorted, silty, wet							
10								10
▽	- groundwater observed at 13.0'				100	10.0-15.0'	0.5	
15								15
					100	15.0-20.0'	0.6	
20	Bottom of Test Boring at 20.00'							20

▽ WATER INITIAL ▼ WATER FINAL ◨ HAND AUGER
▨ NO RECOVERY ◪ CORE BARREL ■ SHELBY TUBE SAMPLES
◧ CONTINUOUS FLIGHT AUGER ◧ CUTTINGS ⊠ DRIVEN SPLIT SPOON

MONITOR WELL LEGEND
▭ FLUSH CURB BOX ▭ CEMENT ▭ SAND
▭ BENTONITE ▭ SCREENED INTERVAL

CODALOG2 C21-2877.GPJ 12/28/21

RECORD OF SUBSURFACE EXPLORATION

CODA PROPERTY SOLUTIONS

Project: TRNO WOODINVILLE
Boring/Well No.: B- 9

Location: 16750 WOODINVILLE-REDMOND ROAD, WOODINVILLE, WA
Project No.: 21-2887

Drilled By: HOLT DRILLING
Date Started: 12/10/21

Drilling Method(s): HYDRAULIC PROBE
Date Ended: 12/10/21

Sampling Method(s): 5' SOLID BARREL SAMPLER with PVC LINER
Logged By: MARK KRUEGER

Groundwater Information: INITIAL: 15.0' FINAL:
Weather: 40°F, Light Wind NW

Boring/Monitor Well Information> Hole Dia.: 2.0" Total Depth: 20.0'
Casing> Type: PVC Dia.: 1.0" Length: 10.0'
Screen> Type: PVC Slot: 0.010" Dia.: 1.0" Length: 10.0'
Gravel Pack: N/A Seal: N/A

DEPTH (FT)	DESCRIPTION OF STRATUM	SOIL SYMBOL	WELL COMPLETION	SAMPLE TYPE	SAMPLE RECOVERY	INTERVAL SAMPLED	PID (ppm)	DEPTH, (FT)
0	Grass, Topsoil/Gravel Mix FILL, grayish-brown to bluish-gray, sand, silt and clay mix, loose				70	0.0-5.0'	0.0	0
5.0	NO RECOVERY				0	5.0'-10.0'	0.0	5
10					5	10.0-15.0'	0.0	10
14.0	SILT, gray - groundwater observed at 15.0'							15
16.0	SAND, grayish-blue, fine grain, poorly sorted, silty, occasional dark brown silt lenses, wet				90	15.0-20.0'	0.0	
20	Bottom of Test Boring at 20.00'							20

WATER INITIAL
WATER FINAL
HAND AUGER
NO RECOVERY
CORE BARREL
SHELBY TUBE SAMPLES
CONTINUOUS FLIGHT AUGER
CUTTINGS
DRIVEN SPLIT SPOON

MONITOR WELL LEGEND
FLUSH CURB BOX
CEMENT
SAND
BENTONITE
SCREENED INTERVAL

CODALOG2 C21-2877.GPJ 12/28/21

RECORD OF SUBSURFACE EXPLORATION

CODA PROPERTY SOLUTIONS

Project: TRNO WOODINVILLE
Boring/Well No.: B-10

Location: 16750 WOODINVILLE-REDMOND ROAD, WOODINVILLE, WA
Project No.: 21-2887
Drilled By: HOLT DRILLING
Date Started: 12/10/21
Drilling Method(s): HYDRAULIC PROBE
Date Ended: 12/10/21
Sampling Method(s): 5' SOLID BARREL SAMPLER with PVC LINER
Logged By: MARK KRUEGER
Groundwater Information: INITIAL: 15.0' FINAL:
Weather: 40°F, Light Wind NW

Boring/Monitor Well Information> Hole Dia.: 2.0" Total Depth: 20.0'
Casing> Type: N/A Dia.: N/A Length: N/A
Screen> Type: N/A Slot: N/A Dia.: N/A Length: N/A
Gravel Pack: N/A Seal: N/A

DEPTH (FT)	DESCRIPTION OF STRATUM	SOIL SYMBOL	WELL COMPLETION	SAMPLE TYPE	SAMPLE RECOVERY	INTERVAL SAMPLED	PID (ppm)	DEPTH, (FT)
	Concrete and Gravel No Recovery				2.0	0.0-5.0'	1.0	
	4.0							
5	SILT, dark gray, sandy, slightly plastic - becoming bluish-gray				90	5.0'-10.0'	0.6	5
	9.0							
10	SAND, bluish-gray, fine grain, poorly sorted, silty, wet							10
	12.0							
	SILT, gray to dark brown				100	10.0-15.0'	0.7	
	14.0							
▽ 15	SAND, bluish-gray, fine grain, poorly sorted, occasional dark brown silt layers, wet - groundwater observed at 15.0'							15
					100	15.0-20.0'	1.0	
20	Bottom of Test Boring at 20.00'							20

▽ WATER INITIAL ▼ WATER FINAL ◨ HAND AUGER
▨ NO RECOVERY ◪ CORE BARREL ■ SHELBY TUBE SAMPLES
◧ CONTINUOUS FLIGHT AUGER ◧ CUTTINGS ⊠ DRIVEN SPLIT SPOON

MONITOR WELL LEGEND
▭ FLUSH CURB BOX ▭ CEMENT ▭ SAND
▭ BENTONITE ▭ SCREENED INTERVAL

CODALOG2 C21-2877.GPJ 12/28/21

RECORD OF SUBSURFACE EXPLORATION

CODA PROPERTY SOLUTIONS

Project: TRNO WOODINVILLE
Location: 16750 WOODINVILLE-REDMOND ROAD, WOODINVILLE, WA
Drilled By: HOLT DRILLING
Drilling Method(s): HYDRAULIC PROBE
Sampling Method(s): 5' SOLID BARREL SAMPLER with PVC LINER
Groundwater Information: INITIAL: 15.0' FINAL:

Boring/Well No.: B-11 **Page 1 of 1**
Project No.: 21-2887
Date Started: 12/10/21
Date Ended: 12/10/21
Logged By: MARK KRUEGER
Weather: 40°F, Light Wind NW

Boring/Monitor Well Information> Hole Dia.: 2.0" **Total Depth:** 20.0'
Casing> Type: PVC **Dia.:** 1.0" **Length:** 10.0'
Screen> Type: PVC **Slot:** 0.010" **Dia.:** 1.0" **Length:** 10.0'
Gravel Pack: N/A **Seal:** N/A

DEPTH (FT)	DESCRIPTION OF STRATUM	SAMPLE RECOVERY	INTERVAL SAMPLED	PID (ppm)
0	Concrete and Gravel FILL, brown-gray, sand and gravel	10	0.0-5.0'	0.6
5.0	SAND, bluish-gray, fine grain, poorly sorted, gravelly, dry	80	5.0'-10.0'	0.4
13.0	SILT, dark brown with light brown layers - groundwater observed at 15.0'	100	10.0-15.0'	1.3
15.5	SAND, bluish-gray, fine grain, poorly sorted, thin dark brown silt layers, wet	100	15.0-20.0'	0.4
20	Bottom of Test Boring at 20.00'			

SOIL SYMBOL | WELL COMPLETION | SAMPLE TYPE | DEPTH, (FT)

WATER INITIAL | WATER FINAL | HAND AUGER | NO RECOVERY | CORE BARREL | SHELBY TUBE SAMPLES | CONTINUOUS FLIGHT AUGER | CUTTINGS | DRIVEN SPLIT SPOON

MONITOR WELL LEGEND
FLUSH CURB BOX | CEMENT | SAND | BENTONITE | SCREENED INTERVAL

CODALOG2 C21-2877.GPJ 12/28/21

RECORD OF SUBSURFACE EXPLORATION

CODA PROPERTY SOLUTIONS

Project: TRNO WOODINVILLE
Location: 16750 WOODINVILLE-REDMOND ROAD, WOODINVILLE, WA
Drilled By: HOLT DRILLING
Drilling Method(s): HYDRAULIC PROBE
Sampling Method(s): 5' SOLID BARREL SAMPLER with PVC LINER
Groundwater Information: INITIAL: 15.0' FINAL:

Boring/Well No.: B-12 **Page 1 of 1**
Project No.: 21-2887
Date Started: 12/10/21
Date Ended: 12/10/21
Logged By: MARK KRUEGER
Weather: 40°F, Light Wind NW

Boring/Monitor Well Information> Hole Dia.: 2.0" **Total Depth:** 20.0'
Casing> Type: N/A **Dia.:** N/A **Length:** N/A
Screen> Type: N/A **Slot:** N/A **Dia.:** N/A **Length:** N/A
Gravel Pack: N/A **Seal:** N/A

DEPTH (FT)	DESCRIPTION OF STRATUM	SOIL SYMBOL	WELL COMPLETION	SAMPLE TYPE	SAMPLE RECOVERY	INTERVAL SAMPLED	PID (ppm)	DEPTH, (FT)
	Concrete and Gravel FILL, brown-gray, sand and gravel, some topsoil mix				20	0.0-5.0'	1.1	
5								5
	6.0 SAND, bluish-gray, fine grain, poorly sorted, gravelly, dry				80	5.0'-10.0'	0.7	
10								10
	13.0 SILT, dark brown with light brown layers				100	10.0-15.0'	0.5	
15	- groundwater observed at 15.0'							15
					100	15.0-20.0'	1.9	
20	Bottom of Test Boring at 20.00'							20

WATER INITIAL ▽ NO RECOVERY ◧ CONTINUOUS FLIGHT AUGER
WATER FINAL ▼ CORE BARREL ◨ CUTTINGS
HAND AUGER ◨ SHELBY TUBE SAMPLES ⊠ DRIVEN SPLIT SPOON

MONITOR WELL LEGEND
FLUSH CURB BOX ⊞ CEMENT ⁘ SAND
BENTONITE ⊠ SCREENED INTERVAL

CODALOG2 C21-2877.GPJ 12/28/21

Appendix D
Analytical Results Table

Table 1 Indoor Air Quality Results - December 8, 2021 16750 Woodinville-Redmond Road, Woodinville, WA										
Chemical Constituent	**Indoor Air Cleanup Level Method B* Noncancer**	**Indoor Air Cleanup Level Method B* Cancer**	**Sample No. A-01 Seattle Pump Office**	**Sample No. A-02 Seattle Pump Warehouse**	**Sample No. A-03 Coit Processing Room**	**Sample No. A-04 Coit Warehouse**	**Sample No. A-05 Outside South**	**Sample No. A-06 PSI Office**	**Sample No. A-07 PSI Warehouse**	**Sample No. A-08 Outside Office**
Chlorinated Volatile Organic Compound (CVOC)[1]										
Chloromethane	41.1	NA	1.07	1.08	1.14	1.21	1.08	1.12	1.12	1.17
Tetrachloroethene	18.3	9.62	ND	ND	2.01	1.82	ND	ND	ND	ND
Trichlorofluoromethane	320.0	NA	1.28	1.29	1.36	1.35	1.34	1.39	1.46	1.34
Dichlorodifluoromethane	45.7	NA	2.3	2.27	2.40	2.38	2.34	2.35	2.40	2.37
Methylene chloride	274	65.8	44.8	**293**	3.22	2.86	ND	2.65	2.97	ND

Indoor air samples collected on December 8, 2021, results presented in micrograms per meter cubed (ug/m^3)

[1] WA Ecology - Cleanup Levels and Risk Calculation (CLARC) Vapor Intrusion Method B Table - July 2021

BOLD & SHADED Result above most stringent cleanup level

ve Analyte response exceeds the intrument calibration range. Reported value is an estimate.

ca Calibration results were outside acceptable criteria. Reported value is an estimate.

lc The presence of the analyte is likely due to laboratory contamination.

NA Not Applicable - Cleanup level has not been established

ND Not Detected

Table 2
Soil Results - December 9 & 10, 2021
16750 Woodinville-Redmond Road, Woodinville, WA

Chemical Constituent	MTCA Soil Method A Unrestricted Land Use	MTCA Soil Method B* Noncancer	MTCA Soil Method B* Cancer	MTCA Soil Protective of Groundwater Vadose	Sample Identifier														
					B1	B2	B3	B4	B5	B6	B7	B8	B9	B10-1 0'-5'	B10-2 10'-15'	B11-1 0'-5'	B11-2 10'-15'	B12-1 0'-5'	B12-2 10'-15'
Acetone	NV	72,000	NV	29	0.169	ND	ND	ND	ND	ND	0.765	0.357	0.179	ND	0.148	ND	ND	ND	0.172
Benzene	0.030	320	18.00	0.027	ND	ND	ND	ND	ND	ND	0.0106	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	NV	48,000	NV	20	0.373	0.564	ND	ND	0.169	0.364	1.3	ND	0.475	ND	0.352	ND	ND	ND	0.415
Cis-1,2-Dichloroethene	NV	160	NV	0.078	ND	ND	ND	ND	ND	ND	**0.33**	ND	ND	0.0667	ND	0.00355	**0.126**	**0.273**	**0.146**
Trans-1,2-Dichloroethene	NV	1,600	NV	0.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00442	ND	ND	0.00263	0.0141	0.00852
Naphthalene	5.00	1,600	NV	4.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0127	ND	ND	ND	0.0097	ND
Tetrachlorethene	0.050	480	480	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.136**	0.00344	ND	ND
Toluene	7.00	6400	NV	4.50	ND	ND	ND	ND	ND	ND	0.0173	ND	ND	0.0153	ND	ND	0.0033	0.00924	0.014
Trichloroethene	0.030	40	12	0.025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0046	ND	ND	ND
1,2,3-Trimethylbenzene	NV	800	NV	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00322	ND
Vinyl Chloride	NV	240	0.670	0.0017	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00715	ND	ND
Xylenes, Total	9.0	16,000	NV	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00205	ND	ND	ND	0.00266	ND

Notes:
Resulst are in milligrams per kilogram (mg/kg)
ND- Non Detect/Below Detection Limit
NL- Not Listed
NV- No value provided for method.
MTCA- Washington Department of Ecology Model Toxics Control Act
MTCA Soil Method A is for unrestricted land use
*Lowest method screening level chosen between cancer and noncancer values
BOLD & Shaded Exceeds most stringent cleanup objective

Table 3 Soil Gas Results - December 10, 2021 16750 Woodinville-Redmond Road, Woodinville, WA				
Chemical Constituent	**Deep Soil Gas Screening Level Method B* Noncancer**	**Deep Soil Gas Screening Level Method B* Cancer**	**Sample No. B-10SG/SG-01 Seattle Pump Warehouse**	**Sample No. B-12SG/SG-02 PSI Warehouse**
Chlorinated Volatile Organic Compound (CVOC)[1]				
Chloroform	4500	11	ND	**25.9 lc**
Cis-1,2-Dichloroethene	NA	NA	ND	4,360
Chloromethane	4100	NA	0.998	10.9
Trichloroethene	91	33	ND	**70.2**
Tetrachloroethene	1800	960	6.99	615
Trans-1,2-Dichloroethene	1800	NA	ND	202
Trichlorofluoromethane	32000	NA	1.21	ND
Dichlorodifuoromethane	4600	NA	1.68	ND
Methylene chloride	27000	6600	7.08	ND
Vinyl chloride	4600	28	ND	**81.3**

Soil gas samples were collected on December 10, 2021

Results presented in micrograms per meter cubed (ug/m^3)

[1] WA Ecology - Cleanup Levels and Risk Calculation (CLARC) Vapor Intrusion Method B Table - July 2021

BOLD & SHADED Chemical constituent exceeded most stringent cleanup level

ve Analyte response exceeds the intrument calibration range. Reported value is an estimate.

ca Calibration results were outside acceptable criteria. Reported value is an estimate.

lc The presence of the analyte is likely due to laboratory contamination.

NA Not Applicable - Cleanup level has not been established

Table 4
Groundwater Results - December 9 & 10, 2021
16750 Woodinville-Redmond Road, Woodinville, WA

Chemical Constituent	Analytical Method	MTCA Groundwater Method A	MTCA Groundwater Method B*	MTCA Groundwater Method C*	MTCA 2021 Groundwater Screening Level Method B*[A]	MTCA 2021 Groundwater Screening Level Method C*[A]	Sample Identifier									
							B1-W	B2-W	B3-W	B4-W	B5-W	B6-W	B7-W	B8-W	B9-W	B11-W
Chlorinated Volatile Organic Compounds (µg/L)																
2-Chlorotoluene	8260C	NV	160	350	NL	NL	ND	ND	ND	ND	ND	ND	0.197	ND	ND	ND
Cis-1,2-Dichloroethene	8260C	NV	16	35	NL	NL	ND	ND	ND	0.305	ND	0.159	2.44	ND	ND	0.365
Tetrachlorethene	8260C	5.0	21	110	25	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.396
Vinyl Chloride	8260C	0.2	0.029	0.29	0.3	3.3	ND	ND	ND	**0.443**	ND	ND	**1.55**	ND	ND	**2.99**

Notes:
Results expressed in micrograms per liter (ug/L)
NS- No Sample
ND- Non Detect/Below Detection Limit
NL- Not Listed
NV- No value provided for method.
MTCA- Washington Department of Ecology Model Toxics Control Act
MTCA Groundwater Method A is for unrestricted land use
*Lowest method screening level chosen between cancer and noncancer values
[A] MTCA 2021 Groundwater Screening Level Method C- Industrial shallow groundwater vapor screening level
BOLD & SHADED Result above most stringent cleanup level

Appendix E
Laboratory Data Report

ANALYTICAL REPORT

December 15, 2021

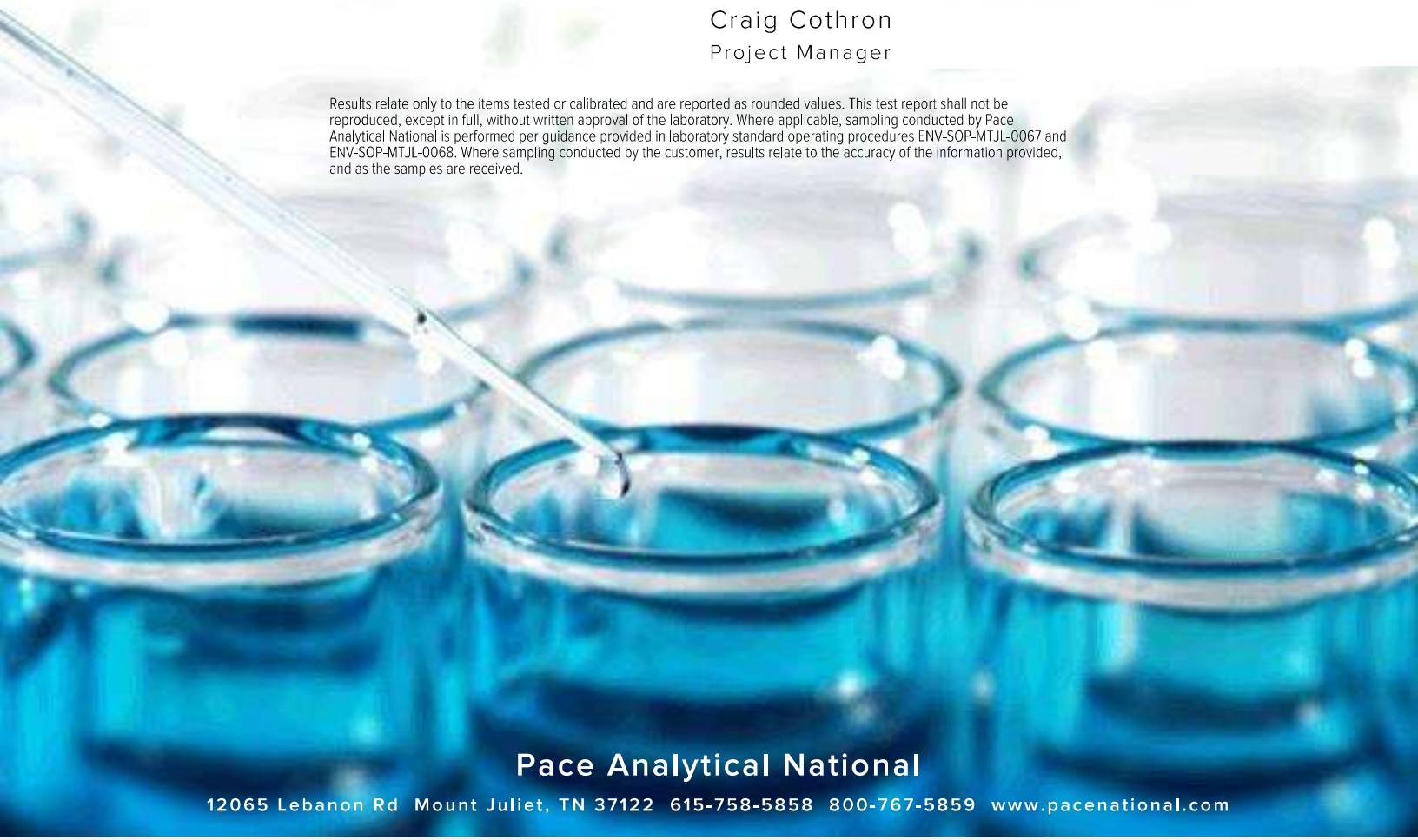
CODA Consulting Group - Fort Worth, TX

Sample Delivery Group:	L1440946
Samples Received:	12/10/2021
Project Number:	21-2887
Description:	16750 Woodinville Redmond Rd
Site:	TRNO WOODIAVILLE
Report To:	Mr. Mark krueger 3023 S. University Drive, Ste 220 Fort Worth, TX 76109

Entire Report Reviewed By:

Craig Cothron
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.



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A01 L1440946-01 Air

Collected by: Mark Krueger | Collected date/time: 12/08/21 07:09 | Received date/time: 12/10/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1788062	1	12/12/21 12:18	12/12/21 12:18	CAW	Mt. Juliet, TN

A02 L1440946-02 Air

Collected by: Mark Krueger | Collected date/time: 12/08/21 07:19 | Received date/time: 12/10/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1788062	1	12/12/21 12:57	12/12/21 12:57	CAW	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1788410	10	12/13/21 15:32	12/13/21 15:32	CEP	Mt. Juliet, TN

A03 L1440946-03 Air

Collected by: Mark Krueger | Collected date/time: 12/08/21 07:36 | Received date/time: 12/10/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1788062	1	12/12/21 13:36	12/12/21 13:36	CAW	Mt. Juliet, TN

A04 L1440946-04 Air

Collected by: Mark Krueger | Collected date/time: 12/08/21 07:42 | Received date/time: 12/10/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1788062	1	12/12/21 14:15	12/12/21 14:15	CAW	Mt. Juliet, TN

A05 L1440946-05 Air

Collected by: Mark Krueger | Collected date/time: 12/08/21 07:59 | Received date/time: 12/10/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1788062	1	12/12/21 14:54	12/12/21 14:54	CAW	Mt. Juliet, TN

A06 L1440946-06 Air

Collected by: Mark Krueger | Collected date/time: 12/08/21 08:15 | Received date/time: 12/10/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1788062	1	12/12/21 15:33	12/12/21 15:33	CAW	Mt. Juliet, TN

A07 L1440946-07 Air

Collected by: Mark Krueger | Collected date/time: 12/08/21 08:25 | Received date/time: 12/10/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1788062	1	12/12/21 16:12	12/12/21 16:12	CAW	Mt. Juliet, TN

A08 L1440946-08 Air

Collected by: Mark Krueger | Collected date/time: 12/08/21 08:42 | Received date/time: 12/10/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1788062	1	12/12/21 16:51	12/12/21 16:51	CAW	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.

Craig Cothron
Project Manager

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1788062
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1788062
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1788062
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1788062
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1788062
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1788062
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1788062
Chloromethane	74-87-3	50.50	0.200	0.413	0.520	1.07		1	WG1788062
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1788062
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1788062
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1788062
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1788062
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1788062
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1788062
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1788062
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1788062
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1788062
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1788062
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1788062
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1788062
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1788062
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.227	1.28		1	WG1788062
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.465	2.30		1	WG1788062
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1788062
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1788062
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1788062
Methylene Chloride	75-09-2	84.90	0.200	0.694	12.9	44.8		1	WG1788062
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1788062
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1788062
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1788062
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1788062
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1788062
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1788062
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1788062
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.2*				WG1788062

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1788062
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1788062
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1788062
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1788062
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1788062
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1788062
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1788062
Chloromethane	74-87-3	50.50	0.200	0.413	0.525	1.08		1	WG1788062
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1788062
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1788062
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1788062
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1788062
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1788062
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1788062
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1788062
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1788062
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1788062
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1788062
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1788062
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1788062
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1788062
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.229	1.29		1	WG1788062
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.460	2.27		1	WG1788062
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1788062
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1788062
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1788062
Methylene Chloride	75-09-2	84.90	2.00	6.94	84.4	293		10	WG1788410
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1788062
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1788062
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1788062
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1788062
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1788062
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1788062
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1788062
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.4*				WG1788062
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*89.2*				WG1788410

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1788062
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1788062
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1788062
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1788062
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1788062
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1788062
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1788062
Chloromethane	74-87-3	50.50	0.200	0.413	0.551	1.14		1	WG1788062
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1788062
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1788062
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1788062
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1788062
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1788062
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1788062
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1788062
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1788062
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1788062
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1788062
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1788062
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1788062
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1788062
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.242	1.36		1	WG1788062
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.485	2.40		1	WG1788062
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1788062
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1788062
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1788062
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.928	3.22		1	WG1788062
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1788062
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.296	2.01		1	WG1788062
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1788062
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1788062
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1788062
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1788062
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1788062
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.8*				WG1788062

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1788062
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1788062
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1788062
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1788062
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1788062
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1788062
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1788062
Chloromethane	74-87-3	50.50	0.200	0.413	0.588	1.21		1	WG1788062
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1788062
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1788062
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1788062
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1788062
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1788062
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1788062
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1788062
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1788062
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1788062
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1788062
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1788062
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1788062
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1788062
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.240	1.35		1	WG1788062
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.482	2.38		1	WG1788062
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1788062
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1788062
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1788062
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.825	2.86		1	WG1788062
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1788062
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.268	1.82		1	WG1788062
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1788062
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1788062
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1788062
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1788062
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1788062
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.8*				WG1788062

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1788062
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1788062
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1788062
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1788062
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1788062
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1788062
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1788062
Chloromethane	74-87-3	50.50	0.200	0.413	0.522	1.08		1	WG1788062
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1788062
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1788062
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1788062
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1788062
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1788062
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1788062
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1788062
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1788062
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1788062
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1788062
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1788062
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1788062
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1788062
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.239	1.34		1	WG1788062
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.474	2.34		1	WG1788062
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1788062
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1788062
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1788062
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1788062
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1788062
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1788062
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1788062
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1788062
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1788062
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1788062
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1788062
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.2*				WG1788062

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1788062
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1788062
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1788062
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1788062
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1788062
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1788062
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1788062
Chloromethane	74-87-3	50.50	0.200	0.413	0.543	1.12		1	WG1788062
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1788062
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1788062
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1788062
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1788062
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1788062
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1788062
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1788062
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1788062
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1788062
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1788062
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1788062
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1788062
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1788062
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.248	1.39		1	WG1788062
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.475	2.35		1	WG1788062
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1788062
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1788062
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1788062
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.764	2.65		1	WG1788062
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1788062
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1788062
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1788062
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1788062
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1788062
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1788062
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1788062
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.7*				WG1788062

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1788062
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1788062
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1788062
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1788062
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1788062
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1788062
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1788062
Chloromethane	74-87-3	50.50	0.200	0.413	0.543	1.12		1	WG1788062
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1788062
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1788062
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1788062
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1788062
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1788062
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1788062
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1788062
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1788062
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1788062
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1788062
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1788062
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1788062
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1788062
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.260	1.46		1	WG1788062
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.485	2.40		1	WG1788062
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1788062
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1788062
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1788062
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.855	2.97		1	WG1788062
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1788062
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1788062
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1788062
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1788062
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1788062
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1788062
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1788062
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.2*				WG1788062

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1788062
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1788062
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1788062
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1788062
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1788062
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1788062
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1788062
Chloromethane	74-87-3	50.50	0.200	0.413	0.565	1.17		1	WG1788062
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1788062
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1788062
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1788062
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1788062
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1788062
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1788062
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1788062
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1788062
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1788062
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1788062
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1788062
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1788062
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1788062
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.239	1.34		1	WG1788062
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.479	2.37		1	WG1788062
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1788062
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1788062
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1788062
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1788062
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1788062
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1788062
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1788062
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1788062
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1788062
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1788062
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1788062
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.2*				WG1788062

Method Blank (MB)

(MB) R3739926-3 12/12/21 10:15

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Allyl Chloride	U		0.114	0.200
Benzyl Chloride	U		0.0598	0.200
Bromodichloromethane	U		0.0702	0.200
Carbon tetrachloride	U		0.0732	0.200
Chlorobenzene	U		0.0832	0.200
Chloroethane	U		0.0996	0.200
Chloroform	U		0.0717	0.200
Chloromethane	U		0.103	0.200
2-Chlorotoluene	U		0.0828	0.200
Dibromochloromethane	U		0.0727	0.200
1,2-Dichlorobenzene	U		0.128	0.200
1,3-Dichlorobenzene	U		0.182	0.200
1,4-Dichlorobenzene	U		0.0557	0.200
1,2-Dichloroethane	U		0.0700	0.200
1,1-Dichloroethane	U		0.0723	0.200
1,1-Dichloroethene	U		0.0762	0.200
cis-1,2-Dichloroethene	U		0.0784	0.200
trans-1,2-Dichloroethene	U		0.0673	0.200
1,2-Dichloropropane	U		0.0760	0.200
cis-1,3-Dichloropropene	U		0.0689	0.200
trans-1,3-Dichloropropene	U		0.0728	0.200
Trichlorofluoromethane	U		0.0819	0.200
Dichlorodifluoromethane	U		0.137	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0793	0.200
1,2-Dichlorotetrafluoroethane	U		0.0890	0.200
Hexachloro-1,3-butadiene	U		0.105	0.630
Methylene Chloride	U		0.0979	0.200
1,1,2,2-Tetrachloroethane	U		0.0743	0.200
Tetrachloroethylene	U		0.0814	0.200
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0736	0.200
1,1,2-Trichloroethane	U		0.0775	0.200
Trichloroethylene	U		0.0680	0.200
Vinyl chloride	U		0.0949	0.200
(S) 1,4-Bromofluorobenzene	*98.1*			*60.0-140*

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

(LCS) R3739926-1 12/12/21 08:56 • (LCSD) R3739926-2 12/12/21 09:36

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dichlorodifluoromethane	3.75	3.73	3.74	99.5	99.7	64.0-139			0.268	25
1,2-Dichlorotetrafluoroethane	3.75	3.77	3.73	101	99.5	70.0-130			1.07	25
Chloromethane	3.75	3.76	3.77	100	101	70.0-130			0.266	25
Vinyl chloride	3.75	4.25	4.31	113	115	70.0-130			1.40	25
Chloroethane	3.75	4.13	4.16	110	111	70.0-130			0.724	25
Trichlorofluoromethane	3.75	4.04	4.01	108	107	70.0-130			0.745	25
1,1,2-Trichlorotrifluoroethane	3.75	3.84	3.79	102	101	70.0-130			1.31	25
1,1-Dichloroethene	3.75	3.90	3.92	104	105	70.0-130			0.512	25
1,1-Dichloroethane	3.75	3.80	3.80	101	101	70.0-130			0.000	25
Methylene Chloride	3.75	3.71	3.73	98.9	99.5	70.0-130			0.538	25
trans-1,2-Dichloroethene	3.75	3.79	3.82	101	102	70.0-130			0.788	25
cis-1,2-Dichloroethene	3.75	3.78	3.82	101	102	70.0-130			1.05	25
Chloroform	3.75	3.76	3.78	100	101	70.0-130			0.531	25
1,1,1-Trichloroethane	3.75	3.76	3.77	100	101	70.0-130			0.266	25
Carbon tetrachloride	3.75	3.76	3.78	100	101	70.0-130			0.531	25
1,2-Dichloroethane	3.75	3.80	3.80	101	101	70.0-130			0.000	25
Trichloroethylene	3.75	3.71	3.74	98.9	99.7	70.0-130			0.805	25
1,2-Dichloropropane	3.75	3.81	3.80	102	101	70.0-130			0.263	25
Bromodichloromethane	3.75	3.82	3.82	102	102	70.0-130			0.000	25
cis-1,3-Dichloropropene	3.75	3.82	3.81	102	102	70.0-130			0.262	25
trans-1,3-Dichloropropene	3.75	3.85	3.84	103	102	70.0-130			0.260	25
1,1,2-Trichloroethane	3.75	3.79	3.74	101	99.7	70.0-130			1.33	25
Tetrachloroethylene	3.75	3.71	3.69	98.9	98.4	70.0-130			0.541	25
Dibromochloromethane	3.75	3.77	3.77	101	101	70.0-130			0.000	25
Chlorobenzene	3.75	3.74	3.74	99.7	99.7	70.0-130			0.000	25
1,1,2,2-Tetrachloroethane	3.75	3.79	3.76	101	100	70.0-130			0.795	25
1,3-Dichlorobenzene	3.75	3.75	3.77	100	101	70.0-130			0.532	25
1,4-Dichlorobenzene	3.75	3.79	3.83	101	102	70.0-130			1.05	25
Benzyl Chloride	3.75	3.88	3.90	103	104	70.0-152			0.514	25
1,2-Dichlorobenzene	3.75	3.78	3.77	101	101	70.0-130			0.265	25
1,2,4-Trichlorobenzene	3.75	3.62	3.69	96.5	98.4	70.0-160			1.92	25
Hexachloro-1,3-butadiene	3.75	3.75	3.75	100	100	70.0-151			0.000	25
Allyl Chloride	3.75	3.78	3.96	101	106	70.0-130			4.65	25
2-Chlorotoluene	3.75	3.80	3.80	101	101	70.0-130			0.000	25
(S) 1,4-Bromofluorobenzene				*98.9*	*99.2*	*60.0-140*				

Method Blank (MB)

(MB) R3740120-3 12/13/21 09:40

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Methylene Chloride	U		0.0979	0.200
(S) 1,4-Bromofluorobenzene	*91.3*			*60.0-140*

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

(LCS) R3740120-1 12/13/21 08:40 • (LCSD) R3740120-2 12/13/21 09:11

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methylene Chloride	3.75	3.10	3.10	82.7	82.7	70.0-130			0.000	25
(S) 1,4-Bromofluorobenzene				*96.4*	*94.7*	*60.0-140*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

Company Name/Address:
CODA Consulting Group - Fort Worth, TX

3023 S. University Drive, Ste 220

Billing Information:
Attn: Accounts Payable
3023 S. University Dr., Ste. 220
Fort Worth, TX 76109

Pres Chk

Report to:
Mr. Mark krueger

Email To: mkrueger@codaconsults.com

Project Description:
16750 Woodinville Redmond Rd

City/State Collected: Woodinville, WA

Please Circle: PT MT CT ET

Phone: 972-849-4851

Client Project #
21-2887

Lab Project #
CODAFWTX-WASHINGTON

Collected by (print):
Mark Krueger

Site/Facility ID #
TRNO Woodinville

P.O. #
21-2887

Collected by (signature):
Immediately Packed on Ice N X Y ___

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

Quote #

Date Results Needed
12/15/21

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TO-15 Summa CVOC									Remarks	Sample # (lab only)
A01	G	Air	—	12/8/21	07:09	1	X										-11
A02	G	Air	—	12/8/21	07:19	1	X										-12
A03	G	Air	—	12/8/21	07:36	1	X										-13
A04	G	Air	—	12/8/21	07:42	1	X										-14
A05	G	Air	—	12/8/21	07:59	1	X										-15
A06	G	Air	—	12/8/21	08:15	1	X										-16
A07	G	Air	—	12/8/21	08:25	1	X										-17
A08	G	Air	—	12/8/21	08:42	1	X										-18
~~A0~~		Air				1	X										

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace Analytical®

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 # U144546

E036

Acctnum: CODAFWTX
Template: T200313
Prelogin: P891863
PM: 034 - Craig Cothron
PB: CSH 12/6/21
Shipped Via: FedEX Ground

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

Remarks: Analyze for only Chlorinated VOCs (CVOCs)

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

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

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	12/8/21	17:05		0
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: AMb °C Bottles Received: 8
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/10/21 Time: 9:30

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

L1440446

Tracking Numbers	Temperature
5349 7811 9781 9730	AMB
	AMB

ANALYTICAL REPORT

December 17, 2021

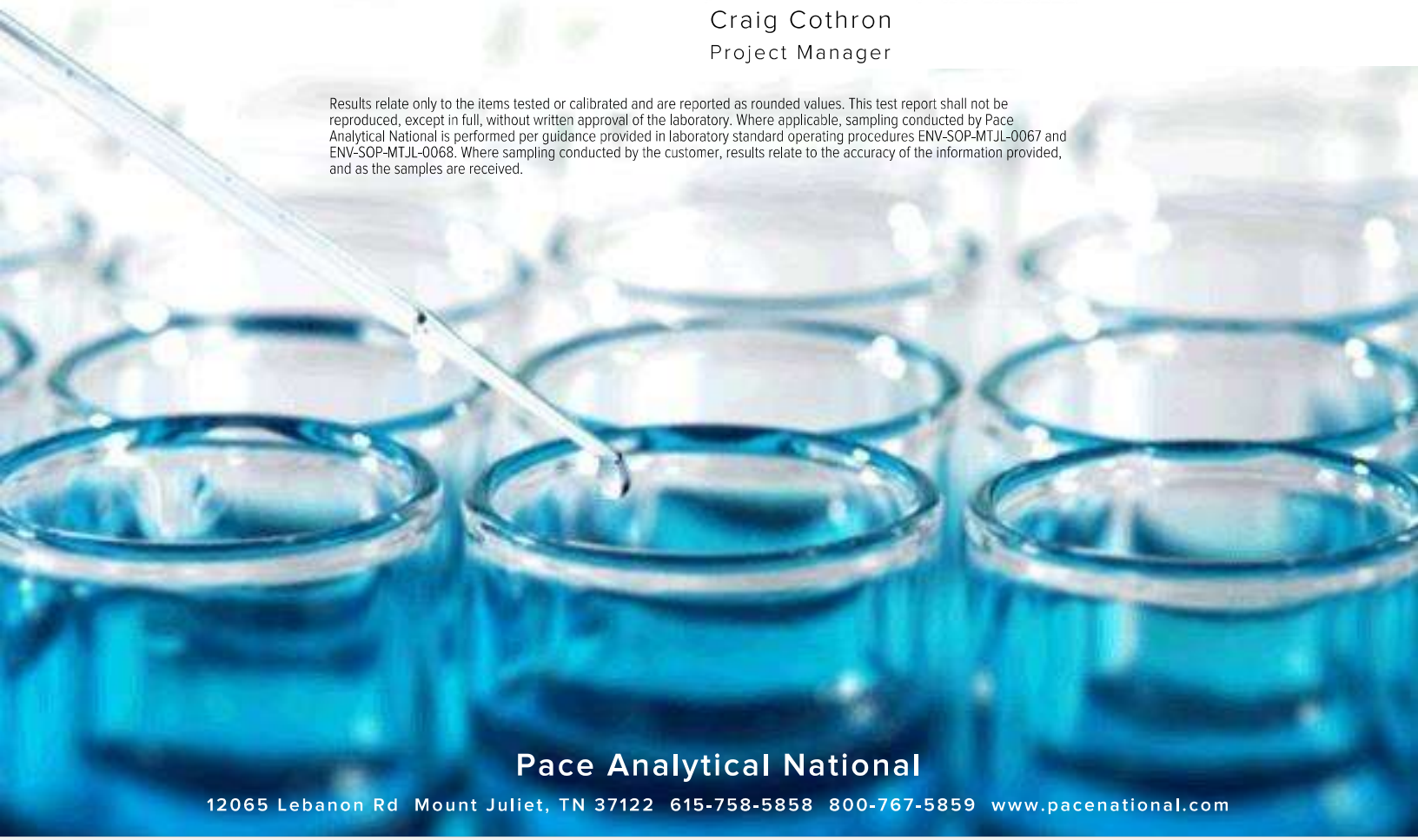
CODA Consulting Group - Fort Worth, TX

Sample Delivery Group:	L1441893
Samples Received:	12/14/2021
Project Number:	21-2887
Description:	16750 Woodinville
Site:	TRNO WOODINVILLE
Report To:	Mr. Mark krueger
	3023 S. University Drive, Ste 220
	Fort Worth, TX 76109

Entire Report Reviewed By:

Craig Cothron
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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B1-W L1441893-01 GW

Collected by: Mark Krueger | Collected date/time: 12/09/21 09:50 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1789293	1	12/15/21 03:27	12/15/21 03:27	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790284	1	12/16/21 09:09	12/16/21 09:09	JAH	Mt. Juliet, TN

B2-W L1441893-02 GW

Collected by: Mark Krueger | Collected date/time: 12/09/21 00:00 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1789293	1	12/15/21 03:47	12/15/21 03:47	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790284	1	12/16/21 09:30	12/16/21 09:30	JAH	Mt. Juliet, TN

B3-W L1441893-03 GW

Collected by: Mark Krueger | Collected date/time: 12/09/21 11:30 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1789293	1	12/15/21 04:07	12/15/21 04:07	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790284	1	12/16/21 09:51	12/16/21 09:51	JAH	Mt. Juliet, TN

B4-W L1441893-04 GW

Collected by: Mark Krueger | Collected date/time: 12/09/21 12:30 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1789293	1	12/15/21 04:27	12/15/21 04:27	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790284	1	12/16/21 10:12	12/16/21 10:12	JAH	Mt. Juliet, TN

B5-W L1441893-05 GW

Collected by: Mark Krueger | Collected date/time: 12/09/21 18:18 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1789293	1	12/15/21 04:46	12/15/21 04:46	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790284	1	12/16/21 10:33	12/16/21 10:33	JAH	Mt. Juliet, TN

B6-W L1441893-06 GW

Collected by: Mark Krueger | Collected date/time: 12/09/21 14:10 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1789293	1	12/15/21 05:06	12/15/21 05:06	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790284	1	12/16/21 10:54	12/16/21 10:54	JAH	Mt. Juliet, TN

B7-W L1441893-07 GW

Collected by: Mark Krueger | Collected date/time: 12/09/21 15:40 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1789293	1	12/15/21 05:26	12/15/21 05:26	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790284	1	12/16/21 11:15	12/16/21 11:15	JAH	Mt. Juliet, TN

B8-W L1441893-08 GW

Collected by: Mark Krueger | Collected date/time: 12/09/21 00:00 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1789293	1	12/15/21 05:46	12/15/21 05:46	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790284	1	12/16/21 11:36	12/16/21 11:36	JAH	Mt. Juliet, TN

B9-W L1441893-09 GW

Collected by: Mark Krueger | Collected date/time: 12/09/21 09:17 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1789293	1	12/15/21 06:05	12/15/21 06:05	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790284	1	12/16/21 11:57	12/16/21 11:57	JAH	Mt. Juliet, TN

B11-W L1441893-10 GW

Collected by: Mark Krueger | Collected date/time: 12/09/21 12:22 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1789293	1	12/15/21 06:25	12/15/21 06:25	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790284	1	12/16/21 12:18	12/16/21 12:18	JAH	Mt. Juliet, TN

B-10-1 L1441893-11 Solid

Collected by: Mark Krueger | Collected date/time: 11/30/21 11:18 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790209	1	12/16/21 05:09	12/16/21 05:16	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	1.66	11/30/21 11:18	12/16/21 10:24	ADM	Mt. Juliet, TN

B-10-2 L1441893-12 Solid

Collected by: Mark Krueger | Collected date/time: 11/30/21 11:30 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790209	1	12/16/21 05:09	12/16/21 05:16	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	1.79	11/30/21 11:30	12/16/21 10:44	ADM	Mt. Juliet, TN

B-11-1 L1441893-13 Solid

Collected by: Mark Krueger | Collected date/time: 12/10/21 11:55 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790209	1	12/16/21 05:09	12/16/21 05:16	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	1.48	12/10/21 11:55	12/16/21 11:03	ADM	Mt. Juliet, TN

B-11-2 L1441893-14 Solid

Collected by: Mark Krueger | Collected date/time: 12/10/21 12:10 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790209	1	12/16/21 05:09	12/16/21 05:16	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	1.37	12/10/21 12:10	12/16/21 11:23	ADM	Mt. Juliet, TN

B-12-1 L1441893-15 Solid

Collected by: Mark Krueger | Collected date/time: 12/10/21 13:25 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790209	1	12/16/21 05:09	12/16/21 05:16	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	1.49	12/10/21 13:25	12/16/21 11:42	ADM	Mt. Juliet, TN

B-12-2 L1441893-16 Solid

Collected by: Mark Krueger | Collected date/time: 12/10/21 13:35 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790209	1	12/16/21 05:09	12/16/21 05:16	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	1.79	12/10/21 13:35	12/16/21 12:02	ADM	Mt. Juliet, TN

B-1 L1441893-17 Solid

Collected by: Mark Krueger | Collected date/time: 12/09/21 09:35 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790209	1	12/16/21 05:09	12/16/21 05:16	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	1.76	12/09/21 09:35	12/16/21 12:21	ADM	Mt. Juliet, TN

B-2 L1441893-18 Solid

Collected by: Mark Krueger | Collected date/time: 12/09/21 10:25 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790209	1	12/16/21 05:09	12/16/21 05:16	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	2.18	12/09/21 10:25	12/16/21 12:41	ADM	Mt. Juliet, TN

B-3 L1441893-19 Solid

Collected by: Mark Krueger | Collected date/time: 12/09/21 00:00 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790209	1	12/16/21 05:09	12/16/21 05:16	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	1.6	12/09/21 00:00	12/16/21 13:01	ADM	Mt. Juliet, TN

B-4 L1441893-20 Solid

Collected by: Mark Krueger | Collected date/time: 12/09/21 12:10 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790209	1	12/16/21 05:09	12/16/21 05:16	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	1.47	12/09/21 12:10	12/16/21 13:20	ADM	Mt. Juliet, TN

B-5 L1441893-21 Solid

Collected by: Mark Krueger | Collected date/time: 12/09/21 13:10 | Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790210	1	12/16/21 05:02	12/16/21 05:08	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	1.47	12/09/21 13:10	12/16/21 13:40	ADM	Mt. Juliet, TN

B-6 L1441893-22 Solid

Collected by: Mark Krueger
Collected date/time: 12/09/21 14:00
Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790210	1	12/16/21 05:02	12/16/21 05:08	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	1.8	12/09/21 14:00	12/16/21 13:59	ADM	Mt. Juliet, TN

B-7 L1441893-23 Solid

Collected by: Mark Krueger
Collected date/time: 12/09/21 15:10
Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790210	1	12/16/21 05:02	12/16/21 05:08	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	3.66	12/09/21 15:10	12/16/21 14:19	ADM	Mt. Juliet, TN

B-8 L1441893-24 Solid

Collected by: Mark Krueger
Collected date/time: 12/09/21 16:25
Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790210	1	12/16/21 05:02	12/16/21 05:08	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	2.36	12/09/21 16:25	12/16/21 14:39	ADM	Mt. Juliet, TN

B-9 L1441893-25 Solid

Collected by: Mark Krueger
Collected date/time: 12/09/21 09:00
Received date/time: 12/14/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1790210	1	12/16/21 05:02	12/16/21 05:08	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1790067	1.88	12/09/21 09:00	12/16/21 14:58	ADM	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.

Craig Cothron
Project Manager

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	12/15/2021 03:27	WG1789293
Acrolein	U		0.00254	0.0500	1	12/16/2021 09:09	WG1790284
Acrylonitrile	U		0.000671	0.0100	1	12/15/2021 03:27	WG1789293
Benzene	U		0.0000941	0.00100	1	12/15/2021 03:27	WG1789293
Bromobenzene	U	J4	0.000118	0.00100	1	12/15/2021 03:27	WG1789293
Bromodichloromethane	U		0.000136	0.00100	1	12/15/2021 03:27	WG1789293
Bromoform	U		0.000129	0.00100	1	12/15/2021 03:27	WG1789293
Bromomethane	U		0.000605	0.00500	1	12/15/2021 03:27	WG1789293
n-Butylbenzene	U		0.000157	0.00100	1	12/15/2021 03:27	WG1789293
sec-Butylbenzene	U		0.000125	0.00100	1	12/15/2021 03:27	WG1789293
tert-Butylbenzene	U		0.000127	0.00100	1	12/15/2021 03:27	WG1789293
Carbon tetrachloride	U		0.000128	0.00100	1	12/15/2021 03:27	WG1789293
Chlorobenzene	U		0.000116	0.00100	1	12/15/2021 03:27	WG1789293
Chlorodibromomethane	U		0.000140	0.00100	1	12/15/2021 03:27	WG1789293
Chloroethane	U		0.000192	0.00500	1	12/15/2021 03:27	WG1789293
Chloroform	U		0.000111	0.00500	1	12/15/2021 03:27	WG1789293
Chloromethane	U		0.000960	0.00250	1	12/15/2021 03:27	WG1789293
2-Chlorotoluene	U		0.000106	0.00100	1	12/15/2021 03:27	WG1789293
4-Chlorotoluene	U		0.000114	0.00100	1	12/15/2021 03:27	WG1789293
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	12/15/2021 03:27	WG1789293
1,2-Dibromoethane	U		0.000126	0.00100	1	12/15/2021 03:27	WG1789293
Dibromomethane	U		0.000122	0.00100	1	12/15/2021 03:27	WG1789293
1,2-Dichlorobenzene	U		0.000107	0.00100	1	12/15/2021 03:27	WG1789293
1,3-Dichlorobenzene	U		0.000110	0.00100	1	12/15/2021 03:27	WG1789293
1,4-Dichlorobenzene	U		0.000120	0.00100	1	12/15/2021 03:27	WG1789293
Dichlorodifluoromethane	U		0.000374	0.00500	1	12/15/2021 03:27	WG1789293
1,1-Dichloroethane	U		0.000100	0.00100	1	12/15/2021 03:27	WG1789293
1,2-Dichloroethane	U		0.0000819	0.00100	1	12/15/2021 03:27	WG1789293
1,1-Dichloroethene	U		0.000188	0.00100	1	12/15/2021 03:27	WG1789293
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	12/15/2021 03:27	WG1789293
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	12/15/2021 03:27	WG1789293
1,2-Dichloropropane	U		0.000149	0.00100	1	12/15/2021 03:27	WG1789293
1,1-Dichloropropene	U		0.000142	0.00100	1	12/15/2021 03:27	WG1789293
1,3-Dichloropropane	U		0.000110	0.00100	1	12/15/2021 03:27	WG1789293
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	12/15/2021 03:27	WG1789293
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	12/15/2021 03:27	WG1789293
2,2-Dichloropropane	U		0.000161	0.00100	1	12/15/2021 03:27	WG1789293
Di-isopropyl ether	U		0.000105	0.00100	1	12/15/2021 03:27	WG1789293
Ethylbenzene	U		0.000137	0.00100	1	12/15/2021 03:27	WG1789293
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	12/15/2021 03:27	WG1789293
Isopropylbenzene	U		0.000105	0.00100	1	12/15/2021 03:27	WG1789293
p-Isopropyltoluene	U		0.000120	0.00100	1	12/15/2021 03:27	WG1789293
2-Butanone (MEK)	U		0.00119	0.0100	1	12/15/2021 03:27	WG1789293
Methylene Chloride	U	J4	0.000430	0.00500	1	12/15/2021 03:27	WG1789293
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	12/15/2021 03:27	WG1789293
Methyl tert-butyl ether	U		0.000101	0.00100	1	12/15/2021 03:27	WG1789293
Naphthalene	U		0.00100	0.00500	1	12/15/2021 03:27	WG1789293
n-Propylbenzene	U		0.0000993	0.00100	1	12/15/2021 03:27	WG1789293
Styrene	U		0.000118	0.00100	1	12/15/2021 03:27	WG1789293
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	12/15/2021 03:27	WG1789293
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	12/15/2021 03:27	WG1789293
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	12/15/2021 03:27	WG1789293
Tetrachloroethene	U		0.000300	0.00100	1	12/15/2021 03:27	WG1789293
Toluene	U		0.000278	0.00100	1	12/15/2021 03:27	WG1789293
1,2,3-Trichlorobenzene	U		0.000230	0.00100	1	12/15/2021 03:27	WG1789293
1,2,4-Trichlorobenzene	U		0.000481	0.00100	1	12/15/2021 03:27	WG1789293

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	12/15/2021 03:27	WG1789293
1,1,2-Trichloroethane	U		0.000158	0.00100	1	12/15/2021 03:27	WG1789293
Trichloroethene	U		0.000190	0.00100	1	12/15/2021 03:27	WG1789293
Trichlorofluoromethane	U		0.000160	0.00500	1	12/15/2021 03:27	WG1789293
1,2,3-Trichloropropane	U		0.000237	0.00250	1	12/15/2021 03:27	WG1789293
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	12/15/2021 03:27	WG1789293
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 03:27	WG1789293
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 03:27	WG1789293
Vinyl chloride	U	C3	0.000234	0.00100	1	12/15/2021 03:27	WG1789293
Xylenes, Total	U		0.000174	0.00300	1	12/15/2021 03:27	WG1789293
(S) Toluene-d8	*114*			*80.0-120*		*12/15/2021 03:27*	WG1789293
(S) Toluene-d8	*111*			*80.0-120*		*12/16/2021 09:09*	WG1790284
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*12/15/2021 03:27*	WG1789293
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*12/16/2021 09:09*	WG1790284
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*12/15/2021 03:27*	WG1789293
(S) 1,2-Dichloroethane-d4	*127*			*70.0-130*		*12/16/2021 09:09*	WG1790284

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	12/15/2021 03:47	WG1789293
Acrolein	U		0.00254	0.0500	1	12/16/2021 09:30	WG1790284
Acrylonitrile	U		0.000671	0.0100	1	12/15/2021 03:47	WG1789293
Benzene	U		0.0000941	0.00100	1	12/15/2021 03:47	WG1789293
Bromobenzene	U	J4	0.000118	0.00100	1	12/15/2021 03:47	WG1789293
Bromodichloromethane	U		0.000136	0.00100	1	12/15/2021 03:47	WG1789293
Bromoform	U		0.000129	0.00100	1	12/15/2021 03:47	WG1789293
Bromomethane	U		0.000605	0.00500	1	12/15/2021 03:47	WG1789293
n-Butylbenzene	U		0.000157	0.00100	1	12/15/2021 03:47	WG1789293
sec-Butylbenzene	U		0.000125	0.00100	1	12/15/2021 03:47	WG1789293
tert-Butylbenzene	U		0.000127	0.00100	1	12/15/2021 03:47	WG1789293
Carbon tetrachloride	U		0.000128	0.00100	1	12/15/2021 03:47	WG1789293
Chlorobenzene	U		0.000116	0.00100	1	12/15/2021 03:47	WG1789293
Chlorodibromomethane	U		0.000140	0.00100	1	12/15/2021 03:47	WG1789293
Chloroethane	U		0.000192	0.00500	1	12/15/2021 03:47	WG1789293
Chloroform	U		0.000111	0.00500	1	12/15/2021 03:47	WG1789293
Chloromethane	U		0.000960	0.00250	1	12/15/2021 03:47	WG1789293
2-Chlorotoluene	U		0.000106	0.00100	1	12/15/2021 03:47	WG1789293
4-Chlorotoluene	U		0.000114	0.00100	1	12/15/2021 03:47	WG1789293
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	12/15/2021 03:47	WG1789293
1,2-Dibromoethane	U		0.000126	0.00100	1	12/15/2021 03:47	WG1789293
Dibromomethane	U		0.000122	0.00100	1	12/15/2021 03:47	WG1789293
1,2-Dichlorobenzene	U		0.000107	0.00100	1	12/15/2021 03:47	WG1789293
1,3-Dichlorobenzene	U		0.000110	0.00100	1	12/15/2021 03:47	WG1789293
1,4-Dichlorobenzene	U		0.000120	0.00100	1	12/15/2021 03:47	WG1789293
Dichlorodifluoromethane	U		0.000374	0.00500	1	12/15/2021 03:47	WG1789293
1,1-Dichloroethane	U		0.000100	0.00100	1	12/15/2021 03:47	WG1789293
1,2-Dichloroethane	U		0.0000819	0.00100	1	12/15/2021 03:47	WG1789293
1,1-Dichloroethene	U		0.000188	0.00100	1	12/15/2021 03:47	WG1789293
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	12/15/2021 03:47	WG1789293
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	12/15/2021 03:47	WG1789293
1,2-Dichloropropane	U		0.000149	0.00100	1	12/15/2021 03:47	WG1789293
1,1-Dichloropropene	U		0.000142	0.00100	1	12/15/2021 03:47	WG1789293
1,3-Dichloropropane	U		0.000110	0.00100	1	12/15/2021 03:47	WG1789293
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	12/15/2021 03:47	WG1789293
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	12/15/2021 03:47	WG1789293
2,2-Dichloropropane	U		0.000161	0.00100	1	12/15/2021 03:47	WG1789293
Di-isopropyl ether	U		0.000105	0.00100	1	12/15/2021 03:47	WG1789293
Ethylbenzene	U		0.000137	0.00100	1	12/15/2021 03:47	WG1789293
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	12/15/2021 03:47	WG1789293
Isopropylbenzene	U		0.000105	0.00100	1	12/15/2021 03:47	WG1789293
p-Isopropyltoluene	U		0.000120	0.00100	1	12/15/2021 03:47	WG1789293
2-Butanone (MEK)	U		0.00119	0.0100	1	12/15/2021 03:47	WG1789293
Methylene Chloride	U	J4	0.000430	0.00500	1	12/15/2021 03:47	WG1789293
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	12/15/2021 03:47	WG1789293
Methyl tert-butyl ether	U		0.000101	0.00100	1	12/15/2021 03:47	WG1789293
Naphthalene	U		0.00100	0.00500	1	12/15/2021 03:47	WG1789293
n-Propylbenzene	U		0.0000993	0.00100	1	12/15/2021 03:47	WG1789293
Styrene	U		0.000118	0.00100	1	12/15/2021 03:47	WG1789293
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	12/15/2021 03:47	WG1789293
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	12/15/2021 03:47	WG1789293
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	12/15/2021 03:47	WG1789293
Tetrachloroethene	U		0.000300	0.00100	1	12/15/2021 03:47	WG1789293
Toluene	U		0.000278	0.00100	1	12/15/2021 03:47	WG1789293
1,2,3-Trichlorobenzene	U		0.000230	0.00100	1	12/15/2021 03:47	WG1789293
1,2,4-Trichlorobenzene	U		0.000481	0.00100	1	12/15/2021 03:47	WG1789293

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	12/15/2021 03:47	WG1789293
1,1,2-Trichloroethane	U		0.000158	0.00100	1	12/15/2021 03:47	WG1789293
Trichloroethene	U		0.000190	0.00100	1	12/15/2021 03:47	WG1789293
Trichlorofluoromethane	U		0.000160	0.00500	1	12/15/2021 03:47	WG1789293
1,2,3-Trichloropropane	U		0.000237	0.00250	1	12/15/2021 03:47	WG1789293
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	12/15/2021 03:47	WG1789293
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 03:47	WG1789293
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 03:47	WG1789293
Vinyl chloride	U	C3	0.000234	0.00100	1	12/15/2021 03:47	WG1789293
Xylenes, Total	U		0.000174	0.00300	1	12/15/2021 03:47	WG1789293
(S) Toluene-d8	*108*			*80.0-120*		*12/15/2021 03:47*	WG1789293
(S) Toluene-d8	*110*			*80.0-120*		*12/16/2021 09:30*	WG1790284
(S) 4-Bromofluorobenzene	*94.2*			*77.0-126*		*12/15/2021 03:47*	WG1789293
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*12/16/2021 09:30*	WG1790284
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*12/15/2021 03:47*	WG1789293
(S) 1,2-Dichloroethane-d4	*126*			*70.0-130*		*12/16/2021 09:30*	WG1790284

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	12/15/2021 04:07	WG1789293
Acrolein	U		0.00254	0.0500	1	12/16/2021 09:51	WG1790284
Acrylonitrile	U		0.000671	0.0100	1	12/15/2021 04:07	WG1789293
Benzene	U		0.0000941	0.00100	1	12/15/2021 04:07	WG1789293
Bromobenzene	U	J4	0.000118	0.00100	1	12/15/2021 04:07	WG1789293
Bromodichloromethane	U		0.000136	0.00100	1	12/15/2021 04:07	WG1789293
Bromoform	U		0.000129	0.00100	1	12/15/2021 04:07	WG1789293
Bromomethane	U		0.000605	0.00500	1	12/15/2021 04:07	WG1789293
n-Butylbenzene	U		0.000157	0.00100	1	12/15/2021 04:07	WG1789293
sec-Butylbenzene	U		0.000125	0.00100	1	12/15/2021 04:07	WG1789293
tert-Butylbenzene	U		0.000127	0.00100	1	12/15/2021 04:07	WG1789293
Carbon tetrachloride	U		0.000128	0.00100	1	12/15/2021 04:07	WG1789293
Chlorobenzene	U		0.000116	0.00100	1	12/15/2021 04:07	WG1789293
Chlorodibromomethane	U		0.000140	0.00100	1	12/15/2021 04:07	WG1789293
Chloroethane	U		0.000192	0.00500	1	12/15/2021 04:07	WG1789293
Chloroform	U		0.000111	0.00500	1	12/15/2021 04:07	WG1789293
Chloromethane	U		0.000960	0.00250	1	12/15/2021 04:07	WG1789293
2-Chlorotoluene	U		0.000106	0.00100	1	12/15/2021 04:07	WG1789293
4-Chlorotoluene	U		0.000114	0.00100	1	12/15/2021 04:07	WG1789293
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	12/15/2021 04:07	WG1789293
1,2-Dibromoethane	U		0.000126	0.00100	1	12/15/2021 04:07	WG1789293
Dibromomethane	U		0.000122	0.00100	1	12/15/2021 04:07	WG1789293
1,2-Dichlorobenzene	U		0.000107	0.00100	1	12/15/2021 04:07	WG1789293
1,3-Dichlorobenzene	U		0.000110	0.00100	1	12/15/2021 04:07	WG1789293
1,4-Dichlorobenzene	U		0.000120	0.00100	1	12/15/2021 04:07	WG1789293
Dichlorodifluoromethane	U		0.000374	0.00500	1	12/15/2021 04:07	WG1789293
1,1-Dichloroethane	U		0.000100	0.00100	1	12/15/2021 04:07	WG1789293
1,2-Dichloroethane	U		0.0000819	0.00100	1	12/15/2021 04:07	WG1789293
1,1-Dichloroethene	U		0.000188	0.00100	1	12/15/2021 04:07	WG1789293
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	12/15/2021 04:07	WG1789293
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	12/15/2021 04:07	WG1789293
1,2-Dichloropropane	U		0.000149	0.00100	1	12/15/2021 04:07	WG1789293
1,1-Dichloropropene	U		0.000142	0.00100	1	12/15/2021 04:07	WG1789293
1,3-Dichloropropane	U		0.000110	0.00100	1	12/15/2021 04:07	WG1789293
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	12/15/2021 04:07	WG1789293
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	12/15/2021 04:07	WG1789293
2,2-Dichloropropane	U		0.000161	0.00100	1	12/15/2021 04:07	WG1789293
Di-isopropyl ether	U		0.000105	0.00100	1	12/15/2021 04:07	WG1789293
Ethylbenzene	U		0.000137	0.00100	1	12/15/2021 04:07	WG1789293
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	12/15/2021 04:07	WG1789293
Isopropylbenzene	U		0.000105	0.00100	1	12/15/2021 04:07	WG1789293
p-Isopropyltoluene	U		0.000120	0.00100	1	12/15/2021 04:07	WG1789293
2-Butanone (MEK)	U		0.00119	0.0100	1	12/15/2021 04:07	WG1789293
Methylene Chloride	U	J4	0.000430	0.00500	1	12/15/2021 04:07	WG1789293
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	12/15/2021 04:07	WG1789293
Methyl tert-butyl ether	U		0.000101	0.00100	1	12/15/2021 04:07	WG1789293
Naphthalene	U		0.00100	0.00500	1	12/15/2021 04:07	WG1789293
n-Propylbenzene	U		0.0000993	0.00100	1	12/15/2021 04:07	WG1789293
Styrene	U		0.000118	0.00100	1	12/15/2021 04:07	WG1789293
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	12/15/2021 04:07	WG1789293
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	12/15/2021 04:07	WG1789293
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	12/15/2021 04:07	WG1789293
Tetrachloroethene	U		0.000300	0.00100	1	12/15/2021 04:07	WG1789293
Toluene	U		0.000278	0.00100	1	12/15/2021 04:07	WG1789293
1,2,3-Trichlorobenzene	U		0.000230	0.00100	1	12/15/2021 04:07	WG1789293
1,2,4-Trichlorobenzene	U		0.000481	0.00100	1	12/15/2021 04:07	WG1789293

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	12/15/2021 04:07	WG1789293
1,1,2-Trichloroethane	U		0.000158	0.00100	1	12/15/2021 04:07	WG1789293
Trichloroethene	U		0.000190	0.00100	1	12/15/2021 04:07	WG1789293
Trichlorofluoromethane	U		0.000160	0.00500	1	12/15/2021 04:07	WG1789293
1,2,3-Trichloropropane	U		0.000237	0.00250	1	12/15/2021 04:07	WG1789293
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	12/15/2021 04:07	WG1789293
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 04:07	WG1789293
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 04:07	WG1789293
Vinyl chloride	U	C3	0.000234	0.00100	1	12/15/2021 04:07	WG1789293
Xylenes, Total	U		0.000174	0.00300	1	12/15/2021 04:07	WG1789293
(S) Toluene-d8	*111*			*80.0-120*		*12/15/2021 04:07*	WG1789293
(S) Toluene-d8	*109*			*80.0-120*		*12/16/2021 09:51*	WG1790284
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*12/15/2021 04:07*	WG1789293
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*12/16/2021 09:51*	WG1790284
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*12/15/2021 04:07*	WG1789293
(S) 1,2-Dichloroethane-d4	*126*			*70.0-130*		*12/16/2021 09:51*	WG1790284

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	12/15/2021 04:27	WG1789293
Acrolein	U		0.00254	0.0500	1	12/16/2021 10:12	WG1790284
Acrylonitrile	U		0.000671	0.0100	1	12/15/2021 04:27	WG1789293
Benzene	U		0.0000941	0.00100	1	12/15/2021 04:27	WG1789293
Bromobenzene	U	J4	0.000118	0.00100	1	12/15/2021 04:27	WG1789293
Bromodichloromethane	U		0.000136	0.00100	1	12/15/2021 04:27	WG1789293
Bromoform	U		0.000129	0.00100	1	12/15/2021 04:27	WG1789293
Bromomethane	U		0.000605	0.00500	1	12/15/2021 04:27	WG1789293
n-Butylbenzene	U		0.000157	0.00100	1	12/15/2021 04:27	WG1789293
sec-Butylbenzene	U		0.000125	0.00100	1	12/15/2021 04:27	WG1789293
tert-Butylbenzene	U		0.000127	0.00100	1	12/15/2021 04:27	WG1789293
Carbon tetrachloride	U		0.000128	0.00100	1	12/15/2021 04:27	WG1789293
Chlorobenzene	U		0.000116	0.00100	1	12/15/2021 04:27	WG1789293
Chlorodibromomethane	U		0.000140	0.00100	1	12/15/2021 04:27	WG1789293
Chloroethane	U		0.000192	0.00500	1	12/15/2021 04:27	WG1789293
Chloroform	U		0.000111	0.00500	1	12/15/2021 04:27	WG1789293
Chloromethane	U		0.000960	0.00250	1	12/15/2021 04:27	WG1789293
2-Chlorotoluene	U		0.000106	0.00100	1	12/15/2021 04:27	WG1789293
4-Chlorotoluene	U		0.000114	0.00100	1	12/15/2021 04:27	WG1789293
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	12/15/2021 04:27	WG1789293
1,2-Dibromoethane	U		0.000126	0.00100	1	12/15/2021 04:27	WG1789293
Dibromomethane	U		0.000122	0.00100	1	12/15/2021 04:27	WG1789293
1,2-Dichlorobenzene	U		0.000107	0.00100	1	12/15/2021 04:27	WG1789293
1,3-Dichlorobenzene	U		0.000110	0.00100	1	12/15/2021 04:27	WG1789293
1,4-Dichlorobenzene	U		0.000120	0.00100	1	12/15/2021 04:27	WG1789293
Dichlorodifluoromethane	U		0.000374	0.00500	1	12/15/2021 04:27	WG1789293
1,1-Dichloroethane	U		0.000100	0.00100	1	12/15/2021 04:27	WG1789293
1,2-Dichloroethane	U		0.0000819	0.00100	1	12/15/2021 04:27	WG1789293
1,1-Dichloroethene	U		0.000188	0.00100	1	12/15/2021 04:27	WG1789293
cis-1,2-Dichloroethene	0.000305	J	0.000126	0.00100	1	12/15/2021 04:27	WG1789293
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	12/15/2021 04:27	WG1789293
1,2-Dichloropropane	U		0.000149	0.00100	1	12/15/2021 04:27	WG1789293
1,1-Dichloropropene	U		0.000142	0.00100	1	12/15/2021 04:27	WG1789293
1,3-Dichloropropane	U		0.000110	0.00100	1	12/15/2021 04:27	WG1789293
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	12/15/2021 04:27	WG1789293
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	12/15/2021 04:27	WG1789293
2,2-Dichloropropane	U		0.000161	0.00100	1	12/15/2021 04:27	WG1789293
Di-isopropyl ether	U		0.000105	0.00100	1	12/15/2021 04:27	WG1789293
Ethylbenzene	U		0.000137	0.00100	1	12/15/2021 04:27	WG1789293
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	12/15/2021 04:27	WG1789293
Isopropylbenzene	U		0.000105	0.00100	1	12/15/2021 04:27	WG1789293
p-Isopropyltoluene	U		0.000120	0.00100	1	12/15/2021 04:27	WG1789293
2-Butanone (MEK)	U		0.00119	0.0100	1	12/15/2021 04:27	WG1789293
Methylene Chloride	U	J4	0.000430	0.00500	1	12/15/2021 04:27	WG1789293
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	12/15/2021 04:27	WG1789293
Methyl tert-butyl ether	U		0.000101	0.00100	1	12/15/2021 04:27	WG1789293
Naphthalene	U		0.00100	0.00500	1	12/15/2021 04:27	WG1789293
n-Propylbenzene	U		0.0000993	0.00100	1	12/15/2021 04:27	WG1789293
Styrene	U		0.000118	0.00100	1	12/15/2021 04:27	WG1789293
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	12/15/2021 04:27	WG1789293
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	12/15/2021 04:27	WG1789293
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	12/15/2021 04:27	WG1789293
Tetrachloroethene	U		0.000300	0.00100	1	12/15/2021 04:27	WG1789293
Toluene	U		0.000278	0.00100	1	12/15/2021 04:27	WG1789293
1,2,3-Trichlorobenzene	U		0.000230	0.00100	1	12/15/2021 04:27	WG1789293
1,2,4-Trichlorobenzene	U		0.000481	0.00100	1	12/15/2021 04:27	WG1789293

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	12/15/2021 04:27	WG1789293
1,1,2-Trichloroethane	U		0.000158	0.00100	1	12/15/2021 04:27	WG1789293
Trichloroethene	U		0.000190	0.00100	1	12/15/2021 04:27	WG1789293
Trichlorofluoromethane	U		0.000160	0.00500	1	12/15/2021 04:27	WG1789293
1,2,3-Trichloropropane	U		0.000237	0.00250	1	12/15/2021 04:27	WG1789293
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	12/15/2021 04:27	WG1789293
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 04:27	WG1789293
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 04:27	WG1789293
Vinyl chloride	0.000443	C3 J	0.000234	0.00100	1	12/15/2021 04:27	WG1789293
Xylenes, Total	U		0.000174	0.00300	1	12/15/2021 04:27	WG1789293
(S) Toluene-d8	*107*			*80.0-120*		*12/15/2021 04:27*	WG1789293
(S) Toluene-d8	*108*			*80.0-120*		*12/16/2021 10:12*	WG1790284
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*12/15/2021 04:27*	WG1789293
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*12/16/2021 10:12*	WG1790284
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*12/15/2021 04:27*	WG1789293
(S) 1,2-Dichloroethane-d4	*131*	J1		*70.0-130*		*12/16/2021 10:12*	WG1790284

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	12/15/2021 04:46	WG1789293
Acrolein	U		0.00254	0.0500	1	12/16/2021 10:33	WG1790284
Acrylonitrile	U		0.000671	0.0100	1	12/15/2021 04:46	WG1789293
Benzene	U		0.0000941	0.00100	1	12/15/2021 04:46	WG1789293
Bromobenzene	U	J4	0.000118	0.00100	1	12/15/2021 04:46	WG1789293
Bromodichloromethane	U		0.000136	0.00100	1	12/15/2021 04:46	WG1789293
Bromoform	U		0.000129	0.00100	1	12/15/2021 04:46	WG1789293
Bromomethane	U		0.000605	0.00500	1	12/15/2021 04:46	WG1789293
n-Butylbenzene	U		0.000157	0.00100	1	12/15/2021 04:46	WG1789293
sec-Butylbenzene	U		0.000125	0.00100	1	12/15/2021 04:46	WG1789293
tert-Butylbenzene	U		0.000127	0.00100	1	12/15/2021 04:46	WG1789293
Carbon tetrachloride	U		0.000128	0.00100	1	12/15/2021 04:46	WG1789293
Chlorobenzene	U		0.000116	0.00100	1	12/15/2021 04:46	WG1789293
Chlorodibromomethane	U		0.000140	0.00100	1	12/15/2021 04:46	WG1789293
Chloroethane	U		0.000192	0.00500	1	12/15/2021 04:46	WG1789293
Chloroform	U		0.000111	0.00500	1	12/15/2021 04:46	WG1789293
Chloromethane	U		0.000960	0.00250	1	12/15/2021 04:46	WG1789293
2-Chlorotoluene	U		0.000106	0.00100	1	12/15/2021 04:46	WG1789293
4-Chlorotoluene	U		0.000114	0.00100	1	12/15/2021 04:46	WG1789293
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	12/15/2021 04:46	WG1789293
1,2-Dibromoethane	U		0.000126	0.00100	1	12/15/2021 04:46	WG1789293
Dibromomethane	U		0.000122	0.00100	1	12/15/2021 04:46	WG1789293
1,2-Dichlorobenzene	U		0.000107	0.00100	1	12/15/2021 04:46	WG1789293
1,3-Dichlorobenzene	U		0.000110	0.00100	1	12/15/2021 04:46	WG1789293
1,4-Dichlorobenzene	U		0.000120	0.00100	1	12/15/2021 04:46	WG1789293
Dichlorodifluoromethane	U		0.000374	0.00500	1	12/15/2021 04:46	WG1789293
1,1-Dichloroethane	U		0.000100	0.00100	1	12/15/2021 04:46	WG1789293
1,2-Dichloroethane	U		0.0000819	0.00100	1	12/15/2021 04:46	WG1789293
1,1-Dichloroethene	U		0.000188	0.00100	1	12/15/2021 04:46	WG1789293
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	12/15/2021 04:46	WG1789293
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	12/15/2021 04:46	WG1789293
1,2-Dichloropropane	U		0.000149	0.00100	1	12/15/2021 04:46	WG1789293
1,1-Dichloropropene	U		0.000142	0.00100	1	12/15/2021 04:46	WG1789293
1,3-Dichloropropane	U		0.000110	0.00100	1	12/15/2021 04:46	WG1789293
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	12/15/2021 04:46	WG1789293
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	12/15/2021 04:46	WG1789293
2,2-Dichloropropane	U		0.000161	0.00100	1	12/15/2021 04:46	WG1789293
Di-isopropyl ether	U		0.000105	0.00100	1	12/15/2021 04:46	WG1789293
Ethylbenzene	U		0.000137	0.00100	1	12/15/2021 04:46	WG1789293
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	12/15/2021 04:46	WG1789293
Isopropylbenzene	U		0.000105	0.00100	1	12/15/2021 04:46	WG1789293
p-Isopropyltoluene	U		0.000120	0.00100	1	12/15/2021 04:46	WG1789293
2-Butanone (MEK)	U		0.00119	0.0100	1	12/15/2021 04:46	WG1789293
Methylene Chloride	U	J4	0.000430	0.00500	1	12/15/2021 04:46	WG1789293
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	12/15/2021 04:46	WG1789293
Methyl tert-butyl ether	U		0.000101	0.00100	1	12/15/2021 04:46	WG1789293
Naphthalene	U		0.00100	0.00500	1	12/15/2021 04:46	WG1789293
n-Propylbenzene	U		0.0000993	0.00100	1	12/15/2021 04:46	WG1789293
Styrene	U		0.000118	0.00100	1	12/15/2021 04:46	WG1789293
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	12/15/2021 04:46	WG1789293
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	12/15/2021 04:46	WG1789293
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	12/15/2021 04:46	WG1789293
Tetrachloroethene	U		0.000300	0.00100	1	12/15/2021 04:46	WG1789293
Toluene	U		0.000278	0.00100	1	12/15/2021 04:46	WG1789293
1,2,3-Trichlorobenzene	U		0.000230	0.00100	1	12/15/2021 04:46	WG1789293
1,2,4-Trichlorobenzene	U		0.000481	0.00100	1	12/15/2021 04:46	WG1789293

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	12/15/2021 04:46	WG1789293
1,1,2-Trichloroethane	U		0.000158	0.00100	1	12/15/2021 04:46	WG1789293
Trichloroethene	U		0.000190	0.00100	1	12/15/2021 04:46	WG1789293
Trichlorofluoromethane	U		0.000160	0.00500	1	12/15/2021 04:46	WG1789293
1,2,3-Trichloropropane	U		0.000237	0.00250	1	12/15/2021 04:46	WG1789293
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	12/15/2021 04:46	WG1789293
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 04:46	WG1789293
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 04:46	WG1789293
Vinyl chloride	U	C3	0.000234	0.00100	1	12/15/2021 04:46	WG1789293
Xylenes, Total	U		0.000174	0.00300	1	12/15/2021 04:46	WG1789293
(S) Toluene-d8	*112*			*80.0-120*		*12/15/2021 04:46*	WG1789293
(S) Toluene-d8	*111*			*80.0-120*		*12/16/2021 10:33*	WG1790284
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*12/15/2021 04:46*	WG1789293
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*12/16/2021 10:33*	WG1790284
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*12/15/2021 04:46*	WG1789293
(S) 1,2-Dichloroethane-d4	*127*			*70.0-130*		*12/16/2021 10:33*	WG1790284

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	12/15/2021 05:06	WG1789293
Acrolein	U		0.00254	0.0500	1	12/16/2021 10:54	WG1790284
Acrylonitrile	U		0.000671	0.0100	1	12/15/2021 05:06	WG1789293
Benzene	U		0.0000941	0.00100	1	12/15/2021 05:06	WG1789293
Bromobenzene	U	J4	0.000118	0.00100	1	12/15/2021 05:06	WG1789293
Bromodichloromethane	U		0.000136	0.00100	1	12/15/2021 05:06	WG1789293
Bromoform	U		0.000129	0.00100	1	12/15/2021 05:06	WG1789293
Bromomethane	U		0.000605	0.00500	1	12/15/2021 05:06	WG1789293
n-Butylbenzene	U		0.000157	0.00100	1	12/15/2021 05:06	WG1789293
sec-Butylbenzene	U		0.000125	0.00100	1	12/15/2021 05:06	WG1789293
tert-Butylbenzene	U		0.000127	0.00100	1	12/15/2021 05:06	WG1789293
Carbon tetrachloride	U		0.000128	0.00100	1	12/15/2021 05:06	WG1789293
Chlorobenzene	U		0.000116	0.00100	1	12/15/2021 05:06	WG1789293
Chlorodibromomethane	U		0.000140	0.00100	1	12/15/2021 05:06	WG1789293
Chloroethane	U		0.000192	0.00500	1	12/15/2021 05:06	WG1789293
Chloroform	U		0.000111	0.00500	1	12/15/2021 05:06	WG1789293
Chloromethane	U		0.000960	0.00250	1	12/15/2021 05:06	WG1789293
2-Chlorotoluene	U		0.000106	0.00100	1	12/15/2021 05:06	WG1789293
4-Chlorotoluene	U		0.000114	0.00100	1	12/15/2021 05:06	WG1789293
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	12/15/2021 05:06	WG1789293
1,2-Dibromoethane	U		0.000126	0.00100	1	12/15/2021 05:06	WG1789293
Dibromomethane	U		0.000122	0.00100	1	12/15/2021 05:06	WG1789293
1,2-Dichlorobenzene	U		0.000107	0.00100	1	12/15/2021 05:06	WG1789293
1,3-Dichlorobenzene	U		0.000110	0.00100	1	12/15/2021 05:06	WG1789293
1,4-Dichlorobenzene	U		0.000120	0.00100	1	12/15/2021 05:06	WG1789293
Dichlorodifluoromethane	U		0.000374	0.00500	1	12/15/2021 05:06	WG1789293
1,1-Dichloroethane	U		0.000100	0.00100	1	12/15/2021 05:06	WG1789293
1,2-Dichloroethane	U		0.0000819	0.00100	1	12/15/2021 05:06	WG1789293
1,1-Dichloroethene	U		0.000188	0.00100	1	12/15/2021 05:06	WG1789293
cis-1,2-Dichloroethene	0.000159	J	0.000126	0.00100	1	12/15/2021 05:06	WG1789293
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	12/15/2021 05:06	WG1789293
1,2-Dichloropropane	U		0.000149	0.00100	1	12/15/2021 05:06	WG1789293
1,1-Dichloropropene	U		0.000142	0.00100	1	12/15/2021 05:06	WG1789293
1,3-Dichloropropane	U		0.000110	0.00100	1	12/15/2021 05:06	WG1789293
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	12/15/2021 05:06	WG1789293
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	12/15/2021 05:06	WG1789293
2,2-Dichloropropane	U		0.000161	0.00100	1	12/15/2021 05:06	WG1789293
Di-isopropyl ether	U		0.000105	0.00100	1	12/15/2021 05:06	WG1789293
Ethylbenzene	U		0.000137	0.00100	1	12/15/2021 05:06	WG1789293
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	12/15/2021 05:06	WG1789293
Isopropylbenzene	U		0.000105	0.00100	1	12/15/2021 05:06	WG1789293
p-Isopropyltoluene	U		0.000120	0.00100	1	12/15/2021 05:06	WG1789293
2-Butanone (MEK)	U		0.00119	0.0100	1	12/15/2021 05:06	WG1789293
Methylene Chloride	U	J4	0.000430	0.00500	1	12/15/2021 05:06	WG1789293
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	12/15/2021 05:06	WG1789293
Methyl tert-butyl ether	U		0.000101	0.00100	1	12/15/2021 05:06	WG1789293
Naphthalene	U		0.00100	0.00500	1	12/15/2021 05:06	WG1789293
n-Propylbenzene	U		0.0000993	0.00100	1	12/15/2021 05:06	WG1789293
Styrene	U		0.000118	0.00100	1	12/15/2021 05:06	WG1789293
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	12/15/2021 05:06	WG1789293
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	12/15/2021 05:06	WG1789293
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	12/15/2021 05:06	WG1789293
Tetrachloroethene	U		0.000300	0.00100	1	12/15/2021 05:06	WG1789293
Toluene	U		0.000278	0.00100	1	12/15/2021 05:06	WG1789293
1,2,3-Trichlorobenzene	U		0.000230	0.00100	1	12/15/2021 05:06	WG1789293
1,2,4-Trichlorobenzene	U		0.000481	0.00100	1	12/15/2021 05:06	WG1789293

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	12/15/2021 05:06	WG1789293
1,1,2-Trichloroethane	U		0.000158	0.00100	1	12/15/2021 05:06	WG1789293
Trichloroethene	U		0.000190	0.00100	1	12/15/2021 05:06	WG1789293
Trichlorofluoromethane	U		0.000160	0.00500	1	12/15/2021 05:06	WG1789293
1,2,3-Trichloropropane	U		0.000237	0.00250	1	12/15/2021 05:06	WG1789293
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	12/15/2021 05:06	WG1789293
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 05:06	WG1789293
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 05:06	WG1789293
Vinyl chloride	U	C3	0.000234	0.00100	1	12/15/2021 05:06	WG1789293
Xylenes, Total	U		0.000174	0.00300	1	12/15/2021 05:06	WG1789293
(S) Toluene-d8	*111*			*80.0-120*		*12/15/2021 05:06*	WG1789293
(S) Toluene-d8	*109*			*80.0-120*		*12/16/2021 10:54*	WG1790284
(S) 4-Bromofluorobenzene	*93.1*			*77.0-126*		*12/15/2021 05:06*	WG1789293
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*12/16/2021 10:54*	WG1790284
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*12/15/2021 05:06*	WG1789293
(S) 1,2-Dichloroethane-d4	*133*	J1		*70.0-130*		*12/16/2021 10:54*	WG1790284

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	12/15/2021 05:26	WG1789293
Acrolein	U		0.00254	0.0500	1	12/16/2021 11:15	WG1790284
Acrylonitrile	U		0.000671	0.0100	1	12/15/2021 05:26	WG1789293
Benzene	0.000127	J	0.0000941	0.00100	1	12/15/2021 05:26	WG1789293
Bromobenzene	U	J4	0.000118	0.00100	1	12/15/2021 05:26	WG1789293
Bromodichloromethane	U		0.000136	0.00100	1	12/15/2021 05:26	WG1789293
Bromoform	U		0.000129	0.00100	1	12/15/2021 05:26	WG1789293
Bromomethane	U		0.000605	0.00500	1	12/15/2021 05:26	WG1789293
n-Butylbenzene	U		0.000157	0.00100	1	12/15/2021 05:26	WG1789293
sec-Butylbenzene	U		0.000125	0.00100	1	12/15/2021 05:26	WG1789293
tert-Butylbenzene	U		0.000127	0.00100	1	12/15/2021 05:26	WG1789293
Carbon tetrachloride	U		0.000128	0.00100	1	12/15/2021 05:26	WG1789293
Chlorobenzene	U		0.000116	0.00100	1	12/15/2021 05:26	WG1789293
Chlorodibromomethane	U		0.000140	0.00100	1	12/15/2021 05:26	WG1789293
Chloroethane	U		0.000192	0.00500	1	12/15/2021 05:26	WG1789293
Chloroform	U		0.000111	0.00500	1	12/15/2021 05:26	WG1789293
Chloromethane	U		0.000960	0.00250	1	12/15/2021 05:26	WG1789293
2-Chlorotoluene	0.000197	J	0.000106	0.00100	1	12/15/2021 05:26	WG1789293
4-Chlorotoluene	U		0.000114	0.00100	1	12/15/2021 05:26	WG1789293
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	12/15/2021 05:26	WG1789293
1,2-Dibromoethane	U		0.000126	0.00100	1	12/15/2021 05:26	WG1789293
Dibromomethane	U		0.000122	0.00100	1	12/15/2021 05:26	WG1789293
1,2-Dichlorobenzene	U		0.000107	0.00100	1	12/15/2021 05:26	WG1789293
1,3-Dichlorobenzene	U		0.000110	0.00100	1	12/15/2021 05:26	WG1789293
1,4-Dichlorobenzene	U		0.000120	0.00100	1	12/15/2021 05:26	WG1789293
Dichlorodifluoromethane	U		0.000374	0.00500	1	12/15/2021 05:26	WG1789293
1,1-Dichloroethane	U		0.000100	0.00100	1	12/15/2021 05:26	WG1789293
1,2-Dichloroethane	U		0.0000819	0.00100	1	12/15/2021 05:26	WG1789293
1,1-Dichloroethene	U		0.000188	0.00100	1	12/15/2021 05:26	WG1789293
cis-1,2-Dichloroethene	0.00244		0.000126	0.00100	1	12/15/2021 05:26	WG1789293
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	12/15/2021 05:26	WG1789293
1,2-Dichloropropane	U		0.000149	0.00100	1	12/15/2021 05:26	WG1789293
1,1-Dichloropropene	U		0.000142	0.00100	1	12/15/2021 05:26	WG1789293
1,3-Dichloropropane	U		0.000110	0.00100	1	12/15/2021 05:26	WG1789293
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	12/15/2021 05:26	WG1789293
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	12/15/2021 05:26	WG1789293
2,2-Dichloropropane	U		0.000161	0.00100	1	12/15/2021 05:26	WG1789293
Di-isopropyl ether	U		0.000105	0.00100	1	12/15/2021 05:26	WG1789293
Ethylbenzene	U		0.000137	0.00100	1	12/15/2021 05:26	WG1789293
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	12/15/2021 05:26	WG1789293
Isopropylbenzene	U		0.000105	0.00100	1	12/15/2021 05:26	WG1789293
p-Isopropyltoluene	U		0.000120	0.00100	1	12/15/2021 05:26	WG1789293
2-Butanone (MEK)	U		0.00119	0.0100	1	12/15/2021 05:26	WG1789293
Methylene Chloride	U	J4	0.000430	0.00500	1	12/15/2021 05:26	WG1789293
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	12/15/2021 05:26	WG1789293
Methyl tert-butyl ether	U		0.000101	0.00100	1	12/15/2021 05:26	WG1789293
Naphthalene	U		0.00100	0.00500	1	12/15/2021 05:26	WG1789293
n-Propylbenzene	U		0.0000993	0.00100	1	12/15/2021 05:26	WG1789293
Styrene	U		0.000118	0.00100	1	12/15/2021 05:26	WG1789293
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	12/15/2021 05:26	WG1789293
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	12/15/2021 05:26	WG1789293
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	12/15/2021 05:26	WG1789293
Tetrachloroethene	U		0.000300	0.00100	1	12/15/2021 05:26	WG1789293
Toluene	U		0.000278	0.00100	1	12/15/2021 05:26	WG1789293
1,2,3-Trichlorobenzene	U		0.000230	0.00100	1	12/15/2021 05:26	WG1789293
1,2,4-Trichlorobenzene	U		0.000481	0.00100	1	12/15/2021 05:26	WG1789293

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	12/15/2021 05:26	WG1789293
1,1,2-Trichloroethane	U		0.000158	0.00100	1	12/15/2021 05:26	WG1789293
Trichloroethene	U		0.000190	0.00100	1	12/15/2021 05:26	WG1789293
Trichlorofluoromethane	U		0.000160	0.00500	1	12/15/2021 05:26	WG1789293
1,2,3-Trichloropropane	U		0.000237	0.00250	1	12/15/2021 05:26	WG1789293
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	12/15/2021 05:26	WG1789293
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 05:26	WG1789293
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 05:26	WG1789293
Vinyl chloride	0.00155	C3	0.000234	0.00100	1	12/15/2021 05:26	WG1789293
Xylenes, Total	U		0.000174	0.00300	1	12/15/2021 05:26	WG1789293
(S) Toluene-d8	*110*			*80.0-120*		*12/15/2021 05:26*	WG1789293
(S) Toluene-d8	*112*			*80.0-120*		*12/16/2021 11:15*	WG1790284
(S) 4-Bromofluorobenzene	*97.9*			*77.0-126*		*12/15/2021 05:26*	WG1789293
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*12/16/2021 11:15*	WG1790284
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*12/15/2021 05:26*	WG1789293
(S) 1,2-Dichloroethane-d4	*131*	J1		*70.0-130*		*12/16/2021 11:15*	WG1790284

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	12/15/2021 05:46	WG1789293
Acrolein	U		0.00254	0.0500	1	12/16/2021 11:36	WG1790284
Acrylonitrile	U		0.000671	0.0100	1	12/15/2021 05:46	WG1789293
Benzene	U		0.0000941	0.00100	1	12/15/2021 05:46	WG1789293
Bromobenzene	U	J4	0.000118	0.00100	1	12/15/2021 05:46	WG1789293
Bromodichloromethane	U		0.000136	0.00100	1	12/15/2021 05:46	WG1789293
Bromoform	U		0.000129	0.00100	1	12/15/2021 05:46	WG1789293
Bromomethane	U		0.000605	0.00500	1	12/15/2021 05:46	WG1789293
n-Butylbenzene	U		0.000157	0.00100	1	12/15/2021 05:46	WG1789293
sec-Butylbenzene	U		0.000125	0.00100	1	12/15/2021 05:46	WG1789293
tert-Butylbenzene	U		0.000127	0.00100	1	12/15/2021 05:46	WG1789293
Carbon tetrachloride	U		0.000128	0.00100	1	12/15/2021 05:46	WG1789293
Chlorobenzene	U		0.000116	0.00100	1	12/15/2021 05:46	WG1789293
Chlorodibromomethane	U		0.000140	0.00100	1	12/15/2021 05:46	WG1789293
Chloroethane	U		0.000192	0.00500	1	12/15/2021 05:46	WG1789293
Chloroform	U		0.000111	0.00500	1	12/15/2021 05:46	WG1789293
Chloromethane	U		0.000960	0.00250	1	12/15/2021 05:46	WG1789293
2-Chlorotoluene	U		0.000106	0.00100	1	12/15/2021 05:46	WG1789293
4-Chlorotoluene	U		0.000114	0.00100	1	12/15/2021 05:46	WG1789293
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	12/15/2021 05:46	WG1789293
1,2-Dibromoethane	U		0.000126	0.00100	1	12/15/2021 05:46	WG1789293
Dibromomethane	U		0.000122	0.00100	1	12/15/2021 05:46	WG1789293
1,2-Dichlorobenzene	U		0.000107	0.00100	1	12/15/2021 05:46	WG1789293
1,3-Dichlorobenzene	U		0.000110	0.00100	1	12/15/2021 05:46	WG1789293
1,4-Dichlorobenzene	U		0.000120	0.00100	1	12/15/2021 05:46	WG1789293
Dichlorodifluoromethane	U		0.000374	0.00500	1	12/15/2021 05:46	WG1789293
1,1-Dichloroethane	U		0.000100	0.00100	1	12/15/2021 05:46	WG1789293
1,2-Dichloroethane	U		0.0000819	0.00100	1	12/15/2021 05:46	WG1789293
1,1-Dichloroethene	U		0.000188	0.00100	1	12/15/2021 05:46	WG1789293
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	12/15/2021 05:46	WG1789293
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	12/15/2021 05:46	WG1789293
1,2-Dichloropropane	U		0.000149	0.00100	1	12/15/2021 05:46	WG1789293
1,1-Dichloropropene	U		0.000142	0.00100	1	12/15/2021 05:46	WG1789293
1,3-Dichloropropane	U		0.000110	0.00100	1	12/15/2021 05:46	WG1789293
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	12/15/2021 05:46	WG1789293
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	12/15/2021 05:46	WG1789293
2,2-Dichloropropane	U		0.000161	0.00100	1	12/15/2021 05:46	WG1789293
Di-isopropyl ether	U		0.000105	0.00100	1	12/15/2021 05:46	WG1789293
Ethylbenzene	U		0.000137	0.00100	1	12/15/2021 05:46	WG1789293
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	12/15/2021 05:46	WG1789293
Isopropylbenzene	U		0.000105	0.00100	1	12/15/2021 05:46	WG1789293
p-Isopropyltoluene	U		0.000120	0.00100	1	12/15/2021 05:46	WG1789293
2-Butanone (MEK)	0.00146	J	0.00119	0.0100	1	12/15/2021 05:46	WG1789293
Methylene Chloride	U	J4	0.000430	0.00500	1	12/15/2021 05:46	WG1789293
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	12/15/2021 05:46	WG1789293
Methyl tert-butyl ether	U		0.000101	0.00100	1	12/15/2021 05:46	WG1789293
Naphthalene	U		0.00100	0.00500	1	12/15/2021 05:46	WG1789293
n-Propylbenzene	U		0.0000993	0.00100	1	12/15/2021 05:46	WG1789293
Styrene	U		0.000118	0.00100	1	12/15/2021 05:46	WG1789293
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	12/15/2021 05:46	WG1789293
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	12/15/2021 05:46	WG1789293
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	12/15/2021 05:46	WG1789293
Tetrachloroethene	U		0.000300	0.00100	1	12/15/2021 05:46	WG1789293
Toluene	U		0.000278	0.00100	1	12/15/2021 05:46	WG1789293
1,2,3-Trichlorobenzene	U		0.000230	0.00100	1	12/15/2021 05:46	WG1789293
1,2,4-Trichlorobenzene	U		0.000481	0.00100	1	12/15/2021 05:46	WG1789293

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	12/15/2021 05:46	WG1789293
1,1,2-Trichloroethane	U		0.000158	0.00100	1	12/15/2021 05:46	WG1789293
Trichloroethene	U		0.000190	0.00100	1	12/15/2021 05:46	WG1789293
Trichlorofluoromethane	U		0.000160	0.00500	1	12/15/2021 05:46	WG1789293
1,2,3-Trichloropropane	U		0.000237	0.00250	1	12/15/2021 05:46	WG1789293
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	12/15/2021 05:46	WG1789293
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 05:46	WG1789293
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 05:46	WG1789293
Vinyl chloride	U	C3	0.000234	0.00100	1	12/15/2021 05:46	WG1789293
Xylenes, Total	U		0.000174	0.00300	1	12/15/2021 05:46	WG1789293
(S) Toluene-d8	*110*			*80.0-120*		*12/15/2021 05:46*	WG1789293
(S) Toluene-d8	*108*			*80.0-120*		*12/16/2021 11:36*	WG1790284
(S) 4-Bromofluorobenzene	*93.1*			*77.0-126*		*12/15/2021 05:46*	WG1789293
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*12/16/2021 11:36*	WG1790284
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*12/15/2021 05:46*	WG1789293
(S) 1,2-Dichloroethane-d4	*121*			*70.0-130*		*12/16/2021 11:36*	WG1790284

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	12/15/2021 06:05	WG1789293
Acrolein	U		0.00254	0.0500	1	12/16/2021 11:57	WG1790284
Acrylonitrile	U		0.000671	0.0100	1	12/15/2021 06:05	WG1789293
Benzene	U		0.0000941	0.00100	1	12/15/2021 06:05	WG1789293
Bromobenzene	U	J4	0.000118	0.00100	1	12/15/2021 06:05	WG1789293
Bromodichloromethane	U		0.000136	0.00100	1	12/15/2021 06:05	WG1789293
Bromoform	U		0.000129	0.00100	1	12/15/2021 06:05	WG1789293
Bromomethane	U		0.000605	0.00500	1	12/15/2021 06:05	WG1789293
n-Butylbenzene	U		0.000157	0.00100	1	12/15/2021 06:05	WG1789293
sec-Butylbenzene	U		0.000125	0.00100	1	12/15/2021 06:05	WG1789293
tert-Butylbenzene	U		0.000127	0.00100	1	12/15/2021 06:05	WG1789293
Carbon tetrachloride	U		0.000128	0.00100	1	12/15/2021 06:05	WG1789293
Chlorobenzene	U		0.000116	0.00100	1	12/15/2021 06:05	WG1789293
Chlorodibromomethane	U		0.000140	0.00100	1	12/15/2021 06:05	WG1789293
Chloroethane	U		0.000192	0.00500	1	12/15/2021 06:05	WG1789293
Chloroform	U		0.000111	0.00500	1	12/15/2021 06:05	WG1789293
Chloromethane	U		0.000960	0.00250	1	12/15/2021 06:05	WG1789293
2-Chlorotoluene	U		0.000106	0.00100	1	12/15/2021 06:05	WG1789293
4-Chlorotoluene	U		0.000114	0.00100	1	12/15/2021 06:05	WG1789293
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	12/15/2021 06:05	WG1789293
1,2-Dibromoethane	U		0.000126	0.00100	1	12/15/2021 06:05	WG1789293
Dibromomethane	U		0.000122	0.00100	1	12/15/2021 06:05	WG1789293
1,2-Dichlorobenzene	U		0.000107	0.00100	1	12/15/2021 06:05	WG1789293
1,3-Dichlorobenzene	U		0.000110	0.00100	1	12/15/2021 06:05	WG1789293
1,4-Dichlorobenzene	U		0.000120	0.00100	1	12/15/2021 06:05	WG1789293
Dichlorodifluoromethane	U		0.000374	0.00500	1	12/15/2021 06:05	WG1789293
1,1-Dichloroethane	U		0.000100	0.00100	1	12/15/2021 06:05	WG1789293
1,2-Dichloroethane	U		0.0000819	0.00100	1	12/15/2021 06:05	WG1789293
1,1-Dichloroethene	U		0.000188	0.00100	1	12/15/2021 06:05	WG1789293
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	12/15/2021 06:05	WG1789293
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	12/15/2021 06:05	WG1789293
1,2-Dichloropropane	U		0.000149	0.00100	1	12/15/2021 06:05	WG1789293
1,1-Dichloropropene	U		0.000142	0.00100	1	12/15/2021 06:05	WG1789293
1,3-Dichloropropane	U		0.000110	0.00100	1	12/15/2021 06:05	WG1789293
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	12/15/2021 06:05	WG1789293
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	12/15/2021 06:05	WG1789293
2,2-Dichloropropane	U		0.000161	0.00100	1	12/15/2021 06:05	WG1789293
Di-isopropyl ether	U		0.000105	0.00100	1	12/15/2021 06:05	WG1789293
Ethylbenzene	U		0.000137	0.00100	1	12/15/2021 06:05	WG1789293
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	12/15/2021 06:05	WG1789293
Isopropylbenzene	U		0.000105	0.00100	1	12/15/2021 06:05	WG1789293
p-Isopropyltoluene	U		0.000120	0.00100	1	12/15/2021 06:05	WG1789293
2-Butanone (MEK)	U		0.00119	0.0100	1	12/15/2021 06:05	WG1789293
Methylene Chloride	U	J4	0.000430	0.00500	1	12/15/2021 06:05	WG1789293
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	12/15/2021 06:05	WG1789293
Methyl tert-butyl ether	U		0.000101	0.00100	1	12/15/2021 06:05	WG1789293
Naphthalene	U		0.00100	0.00500	1	12/15/2021 06:05	WG1789293
n-Propylbenzene	U		0.0000993	0.00100	1	12/15/2021 06:05	WG1789293
Styrene	U		0.000118	0.00100	1	12/15/2021 06:05	WG1789293
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	12/15/2021 06:05	WG1789293
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	12/15/2021 06:05	WG1789293
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	12/15/2021 06:05	WG1789293
Tetrachloroethene	U		0.000300	0.00100	1	12/15/2021 06:05	WG1789293
Toluene	U		0.000278	0.00100	1	12/15/2021 06:05	WG1789293
1,2,3-Trichlorobenzene	U		0.000230	0.00100	1	12/15/2021 06:05	WG1789293
1,2,4-Trichlorobenzene	U		0.000481	0.00100	1	12/15/2021 06:05	WG1789293

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	12/15/2021 06:05	WG1789293
1,1,2-Trichloroethane	U		0.000158	0.00100	1	12/15/2021 06:05	WG1789293
Trichloroethene	U		0.000190	0.00100	1	12/15/2021 06:05	WG1789293
Trichlorofluoromethane	U		0.000160	0.00500	1	12/15/2021 06:05	WG1789293
1,2,3-Trichloropropane	U		0.000237	0.00250	1	12/15/2021 06:05	WG1789293
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	12/15/2021 06:05	WG1789293
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 06:05	WG1789293
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 06:05	WG1789293
Vinyl chloride	U	C3	0.000234	0.00100	1	12/15/2021 06:05	WG1789293
Xylenes, Total	U		0.000174	0.00300	1	12/15/2021 06:05	WG1789293
(S) Toluene-d8	*107*			*80.0-120*		*12/15/2021 06:05*	WG1789293
(S) Toluene-d8	*110*			*80.0-120*		*12/16/2021 11:57*	WG1790284
(S) 4-Bromofluorobenzene	*96.0*			*77.0-126*		*12/15/2021 06:05*	WG1789293
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*12/16/2021 11:57*	WG1790284
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*12/15/2021 06:05*	WG1789293
(S) 1,2-Dichloroethane-d4	*129*			*70.0-130*		*12/16/2021 11:57*	WG1790284

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	12/15/2021 06:25	WG1789293
Acrolein	U		0.00254	0.0500	1	12/16/2021 12:18	WG1790284
Acrylonitrile	U		0.000671	0.0100	1	12/15/2021 06:25	WG1789293
Benzene	U		0.0000941	0.00100	1	12/15/2021 06:25	WG1789293
Bromobenzene	U	J4	0.000118	0.00100	1	12/15/2021 06:25	WG1789293
Bromodichloromethane	U		0.000136	0.00100	1	12/15/2021 06:25	WG1789293
Bromoform	U		0.000129	0.00100	1	12/15/2021 06:25	WG1789293
Bromomethane	U		0.000605	0.00500	1	12/15/2021 06:25	WG1789293
n-Butylbenzene	U		0.000157	0.00100	1	12/15/2021 06:25	WG1789293
sec-Butylbenzene	U		0.000125	0.00100	1	12/15/2021 06:25	WG1789293
tert-Butylbenzene	U		0.000127	0.00100	1	12/15/2021 06:25	WG1789293
Carbon tetrachloride	U		0.000128	0.00100	1	12/15/2021 06:25	WG1789293
Chlorobenzene	U		0.000116	0.00100	1	12/15/2021 06:25	WG1789293
Chlorodibromomethane	U		0.000140	0.00100	1	12/15/2021 06:25	WG1789293
Chloroethane	U		0.000192	0.00500	1	12/15/2021 06:25	WG1789293
Chloroform	U		0.000111	0.00500	1	12/15/2021 06:25	WG1789293
Chloromethane	U		0.000960	0.00250	1	12/15/2021 06:25	WG1789293
2-Chlorotoluene	U		0.000106	0.00100	1	12/15/2021 06:25	WG1789293
4-Chlorotoluene	U		0.000114	0.00100	1	12/15/2021 06:25	WG1789293
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	12/15/2021 06:25	WG1789293
1,2-Dibromoethane	U		0.000126	0.00100	1	12/15/2021 06:25	WG1789293
Dibromomethane	U		0.000122	0.00100	1	12/15/2021 06:25	WG1789293
1,2-Dichlorobenzene	U		0.000107	0.00100	1	12/15/2021 06:25	WG1789293
1,3-Dichlorobenzene	U		0.000110	0.00100	1	12/15/2021 06:25	WG1789293
1,4-Dichlorobenzene	U		0.000120	0.00100	1	12/15/2021 06:25	WG1789293
Dichlorodifluoromethane	U		0.000374	0.00500	1	12/15/2021 06:25	WG1789293
1,1-Dichloroethane	U		0.000100	0.00100	1	12/15/2021 06:25	WG1789293
1,2-Dichloroethane	U		0.0000819	0.00100	1	12/15/2021 06:25	WG1789293
1,1-Dichloroethene	U		0.000188	0.00100	1	12/15/2021 06:25	WG1789293
cis-1,2-Dichloroethene	0.000365	J	0.000126	0.00100	1	12/15/2021 06:25	WG1789293
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	12/15/2021 06:25	WG1789293
1,2-Dichloropropane	U		0.000149	0.00100	1	12/15/2021 06:25	WG1789293
1,1-Dichloropropene	U		0.000142	0.00100	1	12/15/2021 06:25	WG1789293
1,3-Dichloropropane	U		0.000110	0.00100	1	12/15/2021 06:25	WG1789293
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	12/15/2021 06:25	WG1789293
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	12/15/2021 06:25	WG1789293
2,2-Dichloropropane	U		0.000161	0.00100	1	12/15/2021 06:25	WG1789293
Di-isopropyl ether	U		0.000105	0.00100	1	12/15/2021 06:25	WG1789293
Ethylbenzene	U		0.000137	0.00100	1	12/15/2021 06:25	WG1789293
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	12/15/2021 06:25	WG1789293
Isopropylbenzene	U		0.000105	0.00100	1	12/15/2021 06:25	WG1789293
p-Isopropyltoluene	U		0.000120	0.00100	1	12/15/2021 06:25	WG1789293
2-Butanone (MEK)	U		0.00119	0.0100	1	12/15/2021 06:25	WG1789293
Methylene Chloride	U	J4	0.000430	0.00500	1	12/15/2021 06:25	WG1789293
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	12/15/2021 06:25	WG1789293
Methyl tert-butyl ether	U		0.000101	0.00100	1	12/15/2021 06:25	WG1789293
Naphthalene	U		0.00100	0.00500	1	12/15/2021 06:25	WG1789293
n-Propylbenzene	U		0.0000993	0.00100	1	12/15/2021 06:25	WG1789293
Styrene	U		0.000118	0.00100	1	12/15/2021 06:25	WG1789293
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	12/15/2021 06:25	WG1789293
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	12/15/2021 06:25	WG1789293
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	12/15/2021 06:25	WG1789293
Tetrachloroethene	0.000396	J	0.000300	0.00100	1	12/15/2021 06:25	WG1789293
Toluene	U		0.000278	0.00100	1	12/15/2021 06:25	WG1789293
1,2,3-Trichlorobenzene	U		0.000230	0.00100	1	12/15/2021 06:25	WG1789293
1,2,4-Trichlorobenzene	U		0.000481	0.00100	1	12/15/2021 06:25	WG1789293

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

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	12/15/2021 06:25	WG1789293
1,1,2-Trichloroethane	U		0.000158	0.00100	1	12/15/2021 06:25	WG1789293
Trichloroethene	U		0.000190	0.00100	1	12/15/2021 06:25	WG1789293
Trichlorofluoromethane	U		0.000160	0.00500	1	12/15/2021 06:25	WG1789293
1,2,3-Trichloropropane	U		0.000237	0.00250	1	12/15/2021 06:25	WG1789293
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	12/15/2021 06:25	WG1789293
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 06:25	WG1789293
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	12/15/2021 06:25	WG1789293
Vinyl chloride	0.00299	C3	0.000234	0.00100	1	12/15/2021 06:25	WG1789293
Xylenes, Total	U		0.000174	0.00300	1	12/15/2021 06:25	WG1789293
(S) Toluene-d8	*111*			*80.0-120*		*12/15/2021 06:25*	WG1789293
(S) Toluene-d8	*111*			*80.0-120*		*12/16/2021 12:18*	WG1790284
(S) 4-Bromofluorobenzene	*95.5*			*77.0-126*		*12/15/2021 06:25*	WG1789293
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*12/16/2021 12:18*	WG1790284
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*12/15/2021 06:25*	WG1789293
(S) 1,2-Dichloroethane-d4	*131*	J1		*70.0-130*		*12/16/2021 12:18*	WG1790284

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.1		1	12/16/2021 05:16	WG1790209

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0750	0.103	1.66	12/16/2021 10:24	WG1790067
Acrylonitrile	U		0.00741	0.0257	1.66	12/16/2021 10:24	WG1790067
Benzene	U		0.000959	0.00205	1.66	12/16/2021 10:24	WG1790067
Bromobenzene	U		0.00184	0.0257	1.66	12/16/2021 10:24	WG1790067
Bromodichloromethane	U		0.00149	0.00514	1.66	12/16/2021 10:24	WG1790067
Bromoform	U		0.00240	0.0514	1.66	12/16/2021 10:24	WG1790067
Bromomethane	U		0.00405	0.0257	1.66	12/16/2021 10:24	WG1790067
n-Butylbenzene	U		0.0108	0.0257	1.66	12/16/2021 10:24	WG1790067
sec-Butylbenzene	U		0.00592	0.0257	1.66	12/16/2021 10:24	WG1790067
tert-Butylbenzene	U		0.00401	0.0103	1.66	12/16/2021 10:24	WG1790067
Carbon tetrachloride	U		0.00184	0.0103	1.66	12/16/2021 10:24	WG1790067
Chlorobenzene	U		0.000432	0.00514	1.66	12/16/2021 10:24	WG1790067
Chlorodibromomethane	U		0.00126	0.00514	1.66	12/16/2021 10:24	WG1790067
Chloroethane	U		0.00349	0.0103	1.66	12/16/2021 10:24	WG1790067
Chloroform	U		0.00212	0.00514	1.66	12/16/2021 10:24	WG1790067
Chloromethane	U	C3	0.00894	0.0257	1.66	12/16/2021 10:24	WG1790067
2-Chlorotoluene	U		0.00178	0.00514	1.66	12/16/2021 10:24	WG1790067
4-Chlorotoluene	U		0.000925	0.0103	1.66	12/16/2021 10:24	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.00801	0.0514	1.66	12/16/2021 10:24	WG1790067
1,2-Dibromoethane	U		0.00134	0.00514	1.66	12/16/2021 10:24	WG1790067
Dibromomethane	U		0.00155	0.0103	1.66	12/16/2021 10:24	WG1790067
1,2-Dichlorobenzene	U		0.000874	0.0103	1.66	12/16/2021 10:24	WG1790067
1,3-Dichlorobenzene	U		0.00123	0.0103	1.66	12/16/2021 10:24	WG1790067
1,4-Dichlorobenzene	U		0.00144	0.0103	1.66	12/16/2021 10:24	WG1790067
Dichlorodifluoromethane	U		0.00330	0.00514	1.66	12/16/2021 10:24	WG1790067
1,1-Dichloroethane	U		0.00101	0.00514	1.66	12/16/2021 10:24	WG1790067
1,2-Dichloroethane	U		0.00134	0.00514	1.66	12/16/2021 10:24	WG1790067
1,1-Dichloroethene	U		0.00125	0.00514	1.66	12/16/2021 10:24	WG1790067
cis-1,2-Dichloroethene	0.0667		0.00151	0.00514	1.66	12/16/2021 10:24	WG1790067
trans-1,2-Dichloroethene	0.00442	J	0.00214	0.0103	1.66	12/16/2021 10:24	WG1790067
1,2-Dichloropropane	U		0.00292	0.0103	1.66	12/16/2021 10:24	WG1790067
1,1-Dichloropropene	U		0.00166	0.00514	1.66	12/16/2021 10:24	WG1790067
1,3-Dichloropropane	U		0.00103	0.0103	1.66	12/16/2021 10:24	WG1790067
cis-1,3-Dichloropropene	U		0.00156	0.00514	1.66	12/16/2021 10:24	WG1790067
trans-1,3-Dichloropropene	U		0.00234	0.0103	1.66	12/16/2021 10:24	WG1790067
2,2-Dichloropropane	U		0.00283	0.00514	1.66	12/16/2021 10:24	WG1790067
Di-isopropyl ether	U		0.000843	0.00205	1.66	12/16/2021 10:24	WG1790067
Ethylbenzene	U		0.00151	0.00514	1.66	12/16/2021 10:24	WG1790067
Hexachloro-1,3-butadiene	U		0.0123	0.0514	1.66	12/16/2021 10:24	WG1790067
Isopropylbenzene	U		0.000874	0.00514	1.66	12/16/2021 10:24	WG1790067
p-Isopropyltoluene	U		0.00524	0.0103	1.66	12/16/2021 10:24	WG1790067
2-Butanone (MEK)	U		0.130	0.205	1.66	12/16/2021 10:24	WG1790067
Methylene Chloride	U		0.0136	0.0514	1.66	12/16/2021 10:24	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.00468	0.0514	1.66	12/16/2021 10:24	WG1790067
Methyl tert-butyl ether	U		0.000719	0.00205	1.66	12/16/2021 10:24	WG1790067
Naphthalene	0.0127	C3 J	0.0100	0.0257	1.66	12/16/2021 10:24	WG1790067
n-Propylbenzene	U		0.00196	0.0103	1.66	12/16/2021 10:24	WG1790067
Styrene	U		0.000470	0.0257	1.66	12/16/2021 10:24	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00194	0.00514	1.66	12/16/2021 10:24	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00142	0.00514	1.66	12/16/2021 10:24	WG1790067

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 8260C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00155	0.00514	1.66	12/16/2021 10:24	WG1790067
Tetrachloroethene	U		0.00184	0.00514	1.66	12/16/2021 10:24	WG1790067
Toluene	0.0153		0.00267	0.0103	1.66	12/16/2021 10:24	WG1790067
1,2,3-Trichlorobenzene	U		0.0151	0.0257	1.66	12/16/2021 10:24	WG1790067
1,2,4-Trichlorobenzene	U		0.00903	0.0257	1.66	12/16/2021 10:24	WG1790067
1,1,1-Trichloroethane	U		0.00189	0.00514	1.66	12/16/2021 10:24	WG1790067
1,1,2-Trichloroethane	U		0.00123	0.00514	1.66	12/16/2021 10:24	WG1790067
Trichloroethene	U		0.00120	0.00205	1.66	12/16/2021 10:24	WG1790067
Trichlorofluoromethane	U		0.00170	0.00514	1.66	12/16/2021 10:24	WG1790067
1,2,3-Trichloropropane	U		0.00333	0.0257	1.66	12/16/2021 10:24	WG1790067
1,2,4-Trimethylbenzene	U		0.00324	0.0103	1.66	12/16/2021 10:24	WG1790067
1,2,3-Trimethylbenzene	U		0.00324	0.0103	1.66	12/16/2021 10:24	WG1790067
Vinyl chloride	U		0.00239	0.00514	1.66	12/16/2021 10:24	WG1790067
1,3,5-Trimethylbenzene	U		0.00411	0.0103	1.66	12/16/2021 10:24	WG1790067
Xylenes, Total	0.00205	J	0.00181	0.0134	1.66	12/16/2021 10:24	WG1790067
(S) Toluene-d8	*117*			*75.0-131*		*12/16/2021 10:24*	WG1790067
(S) 4-Bromofluorobenzene	*92.9*			*67.0-138*		*12/16/2021 10:24*	WG1790067
(S) 1,2-Dichloroethane-d4	*89.6*			*70.0-130*		*12/16/2021 10:24*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	66.5		1	12/16/2021 05:16	WG1790209

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.148	J	0.117	0.160	1.79	12/16/2021 10:44	WG1790067
Acrylonitrile	U		0.0115	0.0400	1.79	12/16/2021 10:44	WG1790067
Benzene	U		0.00149	0.00320	1.79	12/16/2021 10:44	WG1790067
Bromobenzene	U		0.00288	0.0400	1.79	12/16/2021 10:44	WG1790067
Bromodichloromethane	U		0.00232	0.00800	1.79	12/16/2021 10:44	WG1790067
Bromoform	U		0.00373	0.0800	1.79	12/16/2021 10:44	WG1790067
Bromomethane	U		0.00631	0.0400	1.79	12/16/2021 10:44	WG1790067
n-Butylbenzene	U		0.0168	0.0400	1.79	12/16/2021 10:44	WG1790067
sec-Butylbenzene	U		0.00922	0.0400	1.79	12/16/2021 10:44	WG1790067
tert-Butylbenzene	U		0.00623	0.0160	1.79	12/16/2021 10:44	WG1790067
Carbon tetrachloride	U		0.00288	0.0160	1.79	12/16/2021 10:44	WG1790067
Chlorobenzene	U		0.000672	0.00800	1.79	12/16/2021 10:44	WG1790067
Chlorodibromomethane	U		0.00197	0.00800	1.79	12/16/2021 10:44	WG1790067
Chloroethane	U		0.00543	0.0160	1.79	12/16/2021 10:44	WG1790067
Chloroform	U		0.00329	0.00800	1.79	12/16/2021 10:44	WG1790067
Chloromethane	U	C3	0.0139	0.0400	1.79	12/16/2021 10:44	WG1790067
2-Chlorotoluene	U		0.00277	0.00800	1.79	12/16/2021 10:44	WG1790067
4-Chlorotoluene	U		0.00144	0.0160	1.79	12/16/2021 10:44	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.0125	0.0800	1.79	12/16/2021 10:44	WG1790067
1,2-Dibromoethane	U		0.00207	0.00800	1.79	12/16/2021 10:44	WG1790067
Dibromomethane	U		0.00239	0.0160	1.79	12/16/2021 10:44	WG1790067
1,2-Dichlorobenzene	U		0.00136	0.0160	1.79	12/16/2021 10:44	WG1790067
1,3-Dichlorobenzene	U		0.00191	0.0160	1.79	12/16/2021 10:44	WG1790067
1,4-Dichlorobenzene	U		0.00223	0.0160	1.79	12/16/2021 10:44	WG1790067
Dichlorodifluoromethane	U		0.00514	0.00800	1.79	12/16/2021 10:44	WG1790067
1,1-Dichloroethane	U		0.00157	0.00800	1.79	12/16/2021 10:44	WG1790067
1,2-Dichloroethane	U		0.00207	0.00800	1.79	12/16/2021 10:44	WG1790067
1,1-Dichloroethene	U		0.00193	0.00800	1.79	12/16/2021 10:44	WG1790067
cis-1,2-Dichloroethene	U		0.00234	0.00800	1.79	12/16/2021 10:44	WG1790067
trans-1,2-Dichloroethene	U		0.00332	0.0160	1.79	12/16/2021 10:44	WG1790067
1,2-Dichloropropane	U		0.00454	0.0160	1.79	12/16/2021 10:44	WG1790067
1,1-Dichloropropene	U		0.00259	0.00800	1.79	12/16/2021 10:44	WG1790067
1,3-Dichloropropane	U		0.00160	0.0160	1.79	12/16/2021 10:44	WG1790067
cis-1,3-Dichloropropene	U		0.00243	0.00800	1.79	12/16/2021 10:44	WG1790067
trans-1,3-Dichloropropene	U		0.00364	0.0160	1.79	12/16/2021 10:44	WG1790067
2,2-Dichloropropane	U		0.00441	0.00800	1.79	12/16/2021 10:44	WG1790067
Di-isopropyl ether	U		0.00131	0.00320	1.79	12/16/2021 10:44	WG1790067
Ethylbenzene	U		0.00236	0.00800	1.79	12/16/2021 10:44	WG1790067
Hexachloro-1,3-butadiene	U		0.0191	0.0800	1.79	12/16/2021 10:44	WG1790067
Isopropylbenzene	U		0.00136	0.00800	1.79	12/16/2021 10:44	WG1790067
p-Isopropyltoluene	U		0.00815	0.0160	1.79	12/16/2021 10:44	WG1790067
2-Butanone (MEK)	0.352	B C5	0.204	0.320	1.79	12/16/2021 10:44	WG1790067
Methylene Chloride	U		0.0213	0.0800	1.79	12/16/2021 10:44	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.00729	0.0800	1.79	12/16/2021 10:44	WG1790067
Methyl tert-butyl ether	U		0.00112	0.00320	1.79	12/16/2021 10:44	WG1790067
Naphthalene	U	C3	0.0156	0.0400	1.79	12/16/2021 10:44	WG1790067
n-Propylbenzene	U		0.00304	0.0160	1.79	12/16/2021 10:44	WG1790067
Styrene	U		0.000732	0.0400	1.79	12/16/2021 10:44	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00304	0.00800	1.79	12/16/2021 10:44	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00222	0.00800	1.79	12/16/2021 10:44	WG1790067

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00241	0.00800	1.79	12/16/2021 10:44	WG1790067
Tetrachloroethene	U		0.00286	0.00800	1.79	12/16/2021 10:44	WG1790067
Toluene	U		0.00416	0.0160	1.79	12/16/2021 10:44	WG1790067
1,2,3-Trichlorobenzene	U		0.0234	0.0400	1.79	12/16/2021 10:44	WG1790067
1,2,4-Trichlorobenzene	U		0.0141	0.0400	1.79	12/16/2021 10:44	WG1790067
1,1,1-Trichloroethane	U		0.00295	0.00800	1.79	12/16/2021 10:44	WG1790067
1,1,2-Trichloroethane	U		0.00191	0.00800	1.79	12/16/2021 10:44	WG1790067
Trichloroethene	U		0.00188	0.00320	1.79	12/16/2021 10:44	WG1790067
Trichlorofluoromethane	U		0.00264	0.00800	1.79	12/16/2021 10:44	WG1790067
1,2,3-Trichloropropane	U		0.00518	0.0400	1.79	12/16/2021 10:44	WG1790067
1,2,4-Trimethylbenzene	U		0.00506	0.0160	1.79	12/16/2021 10:44	WG1790067
1,2,3-Trimethylbenzene	U		0.00506	0.0160	1.79	12/16/2021 10:44	WG1790067
Vinyl chloride	U		0.00372	0.00800	1.79	12/16/2021 10:44	WG1790067
1,3,5-Trimethylbenzene	U		0.00640	0.0160	1.79	12/16/2021 10:44	WG1790067
Xylenes, Total	U		0.00282	0.0207	1.79	12/16/2021 10:44	WG1790067
(S) Toluene-d8	*117*			*75.0-131*		*12/16/2021 10:44*	WG1790067
(S) 4-Bromofluorobenzene	*94.1*			*67.0-138*		*12/16/2021 10:44*	WG1790067
(S) 1,2-Dichloroethane-d4	*92.1*			*70.0-130*		*12/16/2021 10:44*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.5		1	12/16/2021 05:16	WG1790209

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0583	0.0799	1.48	12/16/2021 11:03	WG1790067
Acrylonitrile	U		0.00577	0.0200	1.48	12/16/2021 11:03	WG1790067
Benzene	U		0.000746	0.00160	1.48	12/16/2021 11:03	WG1790067
Bromobenzene	U		0.00144	0.0200	1.48	12/16/2021 11:03	WG1790067
Bromodichloromethane	U		0.00116	0.00400	1.48	12/16/2021 11:03	WG1790067
Bromoform	U		0.00187	0.0400	1.48	12/16/2021 11:03	WG1790067
Bromomethane	U		0.00315	0.0200	1.48	12/16/2021 11:03	WG1790067
n-Butylbenzene	U		0.00839	0.0200	1.48	12/16/2021 11:03	WG1790067
sec-Butylbenzene	U		0.00460	0.0200	1.48	12/16/2021 11:03	WG1790067
tert-Butylbenzene	U		0.00312	0.00799	1.48	12/16/2021 11:03	WG1790067
Carbon tetrachloride	U		0.00144	0.00799	1.48	12/16/2021 11:03	WG1790067
Chlorobenzene	U		0.000336	0.00400	1.48	12/16/2021 11:03	WG1790067
Chlorodibromomethane	U		0.000978	0.00400	1.48	12/16/2021 11:03	WG1790067
Chloroethane	U		0.00272	0.00799	1.48	12/16/2021 11:03	WG1790067
Chloroform	U		0.00164	0.00400	1.48	12/16/2021 11:03	WG1790067
Chloromethane	U	C3	0.00695	0.0200	1.48	12/16/2021 11:03	WG1790067
2-Chlorotoluene	U		0.00138	0.00400	1.48	12/16/2021 11:03	WG1790067
4-Chlorotoluene	U		0.000719	0.00799	1.48	12/16/2021 11:03	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.00623	0.0400	1.48	12/16/2021 11:03	WG1790067
1,2-Dibromoethane	U		0.00104	0.00400	1.48	12/16/2021 11:03	WG1790067
Dibromomethane	U		0.00120	0.00799	1.48	12/16/2021 11:03	WG1790067
1,2-Dichlorobenzene	U		0.000679	0.00799	1.48	12/16/2021 11:03	WG1790067
1,3-Dichlorobenzene	U		0.000959	0.00799	1.48	12/16/2021 11:03	WG1790067
1,4-Dichlorobenzene	U		0.00112	0.00799	1.48	12/16/2021 11:03	WG1790067
Dichlorodifluoromethane	U		0.00257	0.00400	1.48	12/16/2021 11:03	WG1790067
1,1-Dichloroethane	U		0.000785	0.00400	1.48	12/16/2021 11:03	WG1790067
1,2-Dichloroethane	U		0.00104	0.00400	1.48	12/16/2021 11:03	WG1790067
1,1-Dichloroethene	U		0.000969	0.00400	1.48	12/16/2021 11:03	WG1790067
cis-1,2-Dichloroethene	0.00355	J	0.00118	0.00400	1.48	12/16/2021 11:03	WG1790067
trans-1,2-Dichloroethene	U		0.00166	0.00799	1.48	12/16/2021 11:03	WG1790067
1,2-Dichloropropane	U		0.00227	0.00799	1.48	12/16/2021 11:03	WG1790067
1,1-Dichloropropene	U		0.00130	0.00400	1.48	12/16/2021 11:03	WG1790067
1,3-Dichloropropane	U		0.000800	0.00799	1.48	12/16/2021 11:03	WG1790067
cis-1,3-Dichloropropene	U		0.00121	0.00400	1.48	12/16/2021 11:03	WG1790067
trans-1,3-Dichloropropene	U		0.00182	0.00799	1.48	12/16/2021 11:03	WG1790067
2,2-Dichloropropane	U		0.00220	0.00400	1.48	12/16/2021 11:03	WG1790067
Di-isopropyl ether	U		0.000655	0.00160	1.48	12/16/2021 11:03	WG1790067
Ethylbenzene	U		0.00118	0.00400	1.48	12/16/2021 11:03	WG1790067
Hexachloro-1,3-butadiene	U		0.00959	0.0400	1.48	12/16/2021 11:03	WG1790067
Isopropylbenzene	U		0.000679	0.00400	1.48	12/16/2021 11:03	WG1790067
p-Isopropyltoluene	U		0.00407	0.00799	1.48	12/16/2021 11:03	WG1790067
2-Butanone (MEK)	U		0.102	0.160	1.48	12/16/2021 11:03	WG1790067
Methylene Chloride	U		0.0106	0.0400	1.48	12/16/2021 11:03	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.00364	0.0400	1.48	12/16/2021 11:03	WG1790067
Methyl tert-butyl ether	U		0.000559	0.00160	1.48	12/16/2021 11:03	WG1790067
Naphthalene	U	C3	0.00780	0.0200	1.48	12/16/2021 11:03	WG1790067
n-Propylbenzene	U		0.00152	0.00799	1.48	12/16/2021 11:03	WG1790067
Styrene	U		0.000366	0.0200	1.48	12/16/2021 11:03	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00151	0.00400	1.48	12/16/2021 11:03	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00111	0.00400	1.48	12/16/2021 11:03	WG1790067

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00121	0.00400	1.48	12/16/2021 11:03	WG1790067
Tetrachloroethene	0.136		0.00144	0.00400	1.48	12/16/2021 11:03	WG1790067
Toluene	U		0.00207	0.00799	1.48	12/16/2021 11:03	WG1790067
1,2,3-Trichlorobenzene	U		0.0117	0.0200	1.48	12/16/2021 11:03	WG1790067
1,2,4-Trichlorobenzene	U		0.00703	0.0200	1.48	12/16/2021 11:03	WG1790067
1,1,1-Trichloroethane	U		0.00148	0.00400	1.48	12/16/2021 11:03	WG1790067
1,1,2-Trichloroethane	U		0.000955	0.00400	1.48	12/16/2021 11:03	WG1790067
Trichloroethene	0.00460		0.000933	0.00160	1.48	12/16/2021 11:03	WG1790067
Trichlorofluoromethane	U		0.00132	0.00400	1.48	12/16/2021 11:03	WG1790067
1,2,3-Trichloropropane	U		0.00259	0.0200	1.48	12/16/2021 11:03	WG1790067
1,2,4-Trimethylbenzene	U		0.00253	0.00799	1.48	12/16/2021 11:03	WG1790067
1,2,3-Trimethylbenzene	U		0.00253	0.00799	1.48	12/16/2021 11:03	WG1790067
Vinyl chloride	U		0.00186	0.00400	1.48	12/16/2021 11:03	WG1790067
1,3,5-Trimethylbenzene	U		0.00320	0.00799	1.48	12/16/2021 11:03	WG1790067
Xylenes, Total	U		0.00140	0.0104	1.48	12/16/2021 11:03	WG1790067
(S) Toluene-d8	*115*			*75.0-131*		*12/16/2021 11:03*	WG1790067
(S) 4-Bromofluorobenzene	*91.9*			*67.0-138*		*12/16/2021 11:03*	WG1790067
(S) 1,2-Dichloroethane-d4	*91.4*			*70.0-130*		*12/16/2021 11:03*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.3		1	12/16/2021 05:16	WG1790209

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0661	0.0905	1.37	12/16/2021 11:23	WG1790067
Acrylonitrile	U		0.00654	0.0226	1.37	12/16/2021 11:23	WG1790067
Benzene	U		0.000846	0.00181	1.37	12/16/2021 11:23	WG1790067
Bromobenzene	U		0.00163	0.0226	1.37	12/16/2021 11:23	WG1790067
Bromodichloromethane	U		0.00131	0.00453	1.37	12/16/2021 11:23	WG1790067
Bromoform	U		0.00211	0.0453	1.37	12/16/2021 11:23	WG1790067
Bromomethane	U		0.00357	0.0226	1.37	12/16/2021 11:23	WG1790067
n-Butylbenzene	U		0.00950	0.0226	1.37	12/16/2021 11:23	WG1790067
sec-Butylbenzene	U		0.00522	0.0226	1.37	12/16/2021 11:23	WG1790067
tert-Butylbenzene	U		0.00353	0.00905	1.37	12/16/2021 11:23	WG1790067
Carbon tetrachloride	U		0.00163	0.00905	1.37	12/16/2021 11:23	WG1790067
Chlorobenzene	U		0.000381	0.00453	1.37	12/16/2021 11:23	WG1790067
Chlorodibromomethane	U		0.00111	0.00453	1.37	12/16/2021 11:23	WG1790067
Chloroethane	U		0.00308	0.00905	1.37	12/16/2021 11:23	WG1790067
Chloroform	U		0.00186	0.00453	1.37	12/16/2021 11:23	WG1790067
Chloromethane	U	C3	0.00788	0.0226	1.37	12/16/2021 11:23	WG1790067
2-Chlorotoluene	U		0.00157	0.00453	1.37	12/16/2021 11:23	WG1790067
4-Chlorotoluene	U		0.000815	0.00905	1.37	12/16/2021 11:23	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.00706	0.0453	1.37	12/16/2021 11:23	WG1790067
1,2-Dibromoethane	U		0.00117	0.00453	1.37	12/16/2021 11:23	WG1790067
Dibromomethane	U		0.00136	0.00905	1.37	12/16/2021 11:23	WG1790067
1,2-Dichlorobenzene	U		0.000769	0.00905	1.37	12/16/2021 11:23	WG1790067
1,3-Dichlorobenzene	U		0.00109	0.00905	1.37	12/16/2021 11:23	WG1790067
1,4-Dichlorobenzene	U		0.00127	0.00905	1.37	12/16/2021 11:23	WG1790067
Dichlorodifluoromethane	U		0.00292	0.00453	1.37	12/16/2021 11:23	WG1790067
1,1-Dichloroethane	U		0.000889	0.00453	1.37	12/16/2021 11:23	WG1790067
1,2-Dichloroethane	U		0.00117	0.00453	1.37	12/16/2021 11:23	WG1790067
1,1-Dichloroethene	U		0.00110	0.00453	1.37	12/16/2021 11:23	WG1790067
cis-1,2-Dichloroethene	0.126		0.00133	0.00453	1.37	12/16/2021 11:23	WG1790067
trans-1,2-Dichloroethene	0.00263	J	0.00188	0.00905	1.37	12/16/2021 11:23	WG1790067
1,2-Dichloropropane	U		0.00258	0.00905	1.37	12/16/2021 11:23	WG1790067
1,1-Dichloropropene	U		0.00147	0.00453	1.37	12/16/2021 11:23	WG1790067
1,3-Dichloropropane	U		0.000907	0.00905	1.37	12/16/2021 11:23	WG1790067
cis-1,3-Dichloropropene	U		0.00137	0.00453	1.37	12/16/2021 11:23	WG1790067
trans-1,3-Dichloropropene	U		0.00206	0.00905	1.37	12/16/2021 11:23	WG1790067
2,2-Dichloropropane	U		0.00250	0.00453	1.37	12/16/2021 11:23	WG1790067
Di-isopropyl ether	U		0.000743	0.00181	1.37	12/16/2021 11:23	WG1790067
Ethylbenzene	U		0.00133	0.00453	1.37	12/16/2021 11:23	WG1790067
Hexachloro-1,3-butadiene	U		0.0109	0.0453	1.37	12/16/2021 11:23	WG1790067
Isopropylbenzene	U		0.000769	0.00453	1.37	12/16/2021 11:23	WG1790067
p-Isopropyltoluene	U		0.00461	0.00905	1.37	12/16/2021 11:23	WG1790067
2-Butanone (MEK)	U		0.115	0.181	1.37	12/16/2021 11:23	WG1790067
Methylene Chloride	U		0.0120	0.0453	1.37	12/16/2021 11:23	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.00412	0.0453	1.37	12/16/2021 11:23	WG1790067
Methyl tert-butyl ether	U		0.000634	0.00181	1.37	12/16/2021 11:23	WG1790067
Naphthalene	U	C3	0.00884	0.0226	1.37	12/16/2021 11:23	WG1790067
n-Propylbenzene	U		0.00172	0.00905	1.37	12/16/2021 11:23	WG1790067
Styrene	U		0.000415	0.0226	1.37	12/16/2021 11:23	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00172	0.00453	1.37	12/16/2021 11:23	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00126	0.00453	1.37	12/16/2021 11:23	WG1790067

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00136	0.00453	1.37	12/16/2021 11:23	WG1790067
Tetrachloroethene	0.00344	J	0.00163	0.00453	1.37	12/16/2021 11:23	WG1790067
Toluene	0.00330	J	0.00235	0.00905	1.37	12/16/2021 11:23	WG1790067
1,2,3-Trichlorobenzene	U		0.0132	0.0226	1.37	12/16/2021 11:23	WG1790067
1,2,4-Trichlorobenzene	U		0.00797	0.0226	1.37	12/16/2021 11:23	WG1790067
1,1,1-Trichloroethane	U		0.00167	0.00453	1.37	12/16/2021 11:23	WG1790067
1,1,2-Trichloroethane	U		0.00108	0.00453	1.37	12/16/2021 11:23	WG1790067
Trichloroethene	U		0.00106	0.00181	1.37	12/16/2021 11:23	WG1790067
Trichlorofluoromethane	U		0.00149	0.00453	1.37	12/16/2021 11:23	WG1790067
1,2,3-Trichloropropane	U		0.00293	0.0226	1.37	12/16/2021 11:23	WG1790067
1,2,4-Trimethylbenzene	U		0.00285	0.00905	1.37	12/16/2021 11:23	WG1790067
1,2,3-Trimethylbenzene	U		0.00285	0.00905	1.37	12/16/2021 11:23	WG1790067
Vinyl chloride	0.00715		0.00210	0.00453	1.37	12/16/2021 11:23	WG1790067
1,3,5-Trimethylbenzene	U		0.00362	0.00905	1.37	12/16/2021 11:23	WG1790067
Xylenes, Total	U		0.00160	0.0118	1.37	12/16/2021 11:23	WG1790067
(S) Toluene-d8	*117*			*75.0-131*		*12/16/2021 11:23*	WG1790067
(S) 4-Bromofluorobenzene	*92.9*			*67.0-138*		*12/16/2021 11:23*	WG1790067
(S) 1,2-Dichloroethane-d4	*92.1*			*70.0-130*		*12/16/2021 11:23*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.7		1	12/16/2021 05:16	WG1790209

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0671	0.0919	1.49	12/16/2021 11:42	WG1790067
Acrylonitrile	U		0.00664	0.0229	1.49	12/16/2021 11:42	WG1790067
Benzene	U		0.000859	0.00184	1.49	12/16/2021 11:42	WG1790067
Bromobenzene	U		0.00165	0.0229	1.49	12/16/2021 11:42	WG1790067
Bromodichloromethane	U		0.00133	0.00460	1.49	12/16/2021 11:42	WG1790067
Bromoform	U		0.00215	0.0460	1.49	12/16/2021 11:42	WG1790067
Bromomethane	U		0.00363	0.0229	1.49	12/16/2021 11:42	WG1790067
n-Butylbenzene	U		0.00965	0.0229	1.49	12/16/2021 11:42	WG1790067
sec-Butylbenzene	U		0.00529	0.0229	1.49	12/16/2021 11:42	WG1790067
tert-Butylbenzene	U		0.00359	0.00919	1.49	12/16/2021 11:42	WG1790067
Carbon tetrachloride	U		0.00165	0.00919	1.49	12/16/2021 11:42	WG1790067
Chlorobenzene	U		0.000386	0.00460	1.49	12/16/2021 11:42	WG1790067
Chlorodibromomethane	U		0.00113	0.00460	1.49	12/16/2021 11:42	WG1790067
Chloroethane	U		0.00312	0.00919	1.49	12/16/2021 11:42	WG1790067
Chloroform	U		0.00189	0.00460	1.49	12/16/2021 11:42	WG1790067
Chloromethane	U	C3	0.00799	0.0229	1.49	12/16/2021 11:42	WG1790067
2-Chlorotoluene	U		0.00159	0.00460	1.49	12/16/2021 11:42	WG1790067
4-Chlorotoluene	U		0.000828	0.00919	1.49	12/16/2021 11:42	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.00717	0.0460	1.49	12/16/2021 11:42	WG1790067
1,2-Dibromoethane	U		0.00119	0.00460	1.49	12/16/2021 11:42	WG1790067
Dibromomethane	U		0.00138	0.00919	1.49	12/16/2021 11:42	WG1790067
1,2-Dichlorobenzene	U		0.000781	0.00919	1.49	12/16/2021 11:42	WG1790067
1,3-Dichlorobenzene	U		0.00110	0.00919	1.49	12/16/2021 11:42	WG1790067
1,4-Dichlorobenzene	U		0.00128	0.00919	1.49	12/16/2021 11:42	WG1790067
Dichlorodifluoromethane	U		0.00296	0.00460	1.49	12/16/2021 11:42	WG1790067
1,1-Dichloroethane	U		0.000903	0.00460	1.49	12/16/2021 11:42	WG1790067
1,2-Dichloroethane	U		0.00119	0.00460	1.49	12/16/2021 11:42	WG1790067
1,1-Dichloroethene	U		0.00111	0.00460	1.49	12/16/2021 11:42	WG1790067
cis-1,2-Dichloroethene	0.273		0.00134	0.00460	1.49	12/16/2021 11:42	WG1790067
trans-1,2-Dichloroethene	0.0141		0.00191	0.00919	1.49	12/16/2021 11:42	WG1790067
1,2-Dichloropropane	U		0.00262	0.00919	1.49	12/16/2021 11:42	WG1790067
1,1-Dichloropropene	U		0.00149	0.00460	1.49	12/16/2021 11:42	WG1790067
1,3-Dichloropropane	U		0.000920	0.00919	1.49	12/16/2021 11:42	WG1790067
cis-1,3-Dichloropropene	U		0.00139	0.00460	1.49	12/16/2021 11:42	WG1790067
trans-1,3-Dichloropropene	U		0.00210	0.00919	1.49	12/16/2021 11:42	WG1790067
2,2-Dichloropropane	U		0.00254	0.00460	1.49	12/16/2021 11:42	WG1790067
Di-isopropyl ether	U		0.000754	0.00184	1.49	12/16/2021 11:42	WG1790067
Ethylbenzene	U		0.00136	0.00460	1.49	12/16/2021 11:42	WG1790067
Hexachloro-1,3-butadiene	U		0.0110	0.0460	1.49	12/16/2021 11:42	WG1790067
Isopropylbenzene	U		0.000781	0.00460	1.49	12/16/2021 11:42	WG1790067
p-Isopropyltoluene	U		0.00469	0.00919	1.49	12/16/2021 11:42	WG1790067
2-Butanone (MEK)	U		0.117	0.184	1.49	12/16/2021 11:42	WG1790067
Methylene Chloride	U		0.0122	0.0460	1.49	12/16/2021 11:42	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.00419	0.0460	1.49	12/16/2021 11:42	WG1790067
Methyl tert-butyl ether	U		0.000644	0.00184	1.49	12/16/2021 11:42	WG1790067
Naphthalene	0.00970	C3 J	0.00897	0.0229	1.49	12/16/2021 11:42	WG1790067
n-Propylbenzene	U		0.00175	0.00919	1.49	12/16/2021 11:42	WG1790067
Styrene	U		0.000421	0.0229	1.49	12/16/2021 11:42	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00174	0.00460	1.49	12/16/2021 11:42	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00128	0.00460	1.49	12/16/2021 11:42	WG1790067

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00138	0.00460	1.49	12/16/2021 11:42	WG1790067
Tetrachloroethene	U		0.00165	0.00460	1.49	12/16/2021 11:42	WG1790067
Toluene	0.00924		0.00239	0.00919	1.49	12/16/2021 11:42	WG1790067
1,2,3-Trichlorobenzene	U		0.0134	0.0229	1.49	12/16/2021 11:42	WG1790067
1,2,4-Trichlorobenzene	U		0.00809	0.0229	1.49	12/16/2021 11:42	WG1790067
1,1,1-Trichloroethane	U		0.00170	0.00460	1.49	12/16/2021 11:42	WG1790067
1,1,2-Trichloroethane	U		0.00110	0.00460	1.49	12/16/2021 11:42	WG1790067
Trichloroethene	U		0.00107	0.00184	1.49	12/16/2021 11:42	WG1790067
Trichlorofluoromethane	U		0.00152	0.00460	1.49	12/16/2021 11:42	WG1790067
1,2,3-Trichloropropane	U		0.00297	0.0229	1.49	12/16/2021 11:42	WG1790067
1,2,4-Trimethylbenzene	U		0.00290	0.00919	1.49	12/16/2021 11:42	WG1790067
1,2,3-Trimethylbenzene	0.00322	J	0.00290	0.00919	1.49	12/16/2021 11:42	WG1790067
Vinyl chloride	U		0.00213	0.00460	1.49	12/16/2021 11:42	WG1790067
1,3,5-Trimethylbenzene	U		0.00368	0.00919	1.49	12/16/2021 11:42	WG1790067
Xylenes, Total	0.00266	J	0.00162	0.0119	1.49	12/16/2021 11:42	WG1790067
(S) Toluene-d8	*116*			*75.0-131*		*12/16/2021 11:42*	WG1790067
(S) 4-Bromofluorobenzene	*94.1*			*67.0-138*		*12/16/2021 11:42*	WG1790067
(S) 1,2-Dichloroethane-d4	*92.6*			*70.0-130*		*12/16/2021 11:42*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	57.3		1	12/16/2021 05:16	WG1790209

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.172	J	0.141	0.194	1.79	12/16/2021 12:02	WG1790067
Acrylonitrile	U		0.0140	0.0485	1.79	12/16/2021 12:02	WG1790067
Benzene	U		0.00181	0.00387	1.79	12/16/2021 12:02	WG1790067
Bromobenzene	U		0.00348	0.0485	1.79	12/16/2021 12:02	WG1790067
Bromodichloromethane	U		0.00281	0.00969	1.79	12/16/2021 12:02	WG1790067
Bromoform	U		0.00452	0.0969	1.79	12/16/2021 12:02	WG1790067
Bromomethane	U		0.00764	0.0485	1.79	12/16/2021 12:02	WG1790067
n-Butylbenzene	U		0.0203	0.0485	1.79	12/16/2021 12:02	WG1790067
sec-Butylbenzene	U		0.0112	0.0485	1.79	12/16/2021 12:02	WG1790067
tert-Butylbenzene	U		0.00755	0.0194	1.79	12/16/2021 12:02	WG1790067
Carbon tetrachloride	U		0.00348	0.0194	1.79	12/16/2021 12:02	WG1790067
Chlorobenzene	U		0.000813	0.00969	1.79	12/16/2021 12:02	WG1790067
Chlorodibromomethane	U		0.00238	0.00969	1.79	12/16/2021 12:02	WG1790067
Chloroethane	U		0.00658	0.0194	1.79	12/16/2021 12:02	WG1790067
Chloroform	U		0.00398	0.00969	1.79	12/16/2021 12:02	WG1790067
Chloromethane	U	C3	0.0169	0.0485	1.79	12/16/2021 12:02	WG1790067
2-Chlorotoluene	U		0.00335	0.00969	1.79	12/16/2021 12:02	WG1790067
4-Chlorotoluene	U		0.00174	0.0194	1.79	12/16/2021 12:02	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.0151	0.0969	1.79	12/16/2021 12:02	WG1790067
1,2-Dibromoethane	U		0.00251	0.00969	1.79	12/16/2021 12:02	WG1790067
Dibromomethane	U		0.00290	0.0194	1.79	12/16/2021 12:02	WG1790067
1,2-Dichlorobenzene	U		0.00165	0.0194	1.79	12/16/2021 12:02	WG1790067
1,3-Dichlorobenzene	U		0.00231	0.0194	1.79	12/16/2021 12:02	WG1790067
1,4-Dichlorobenzene	U		0.00270	0.0194	1.79	12/16/2021 12:02	WG1790067
Dichlorodifluoromethane	U		0.00623	0.00969	1.79	12/16/2021 12:02	WG1790067
1,1-Dichloroethane	U		0.00190	0.00969	1.79	12/16/2021 12:02	WG1790067
1,2-Dichloroethane	U		0.00251	0.00969	1.79	12/16/2021 12:02	WG1790067
1,1-Dichloroethene	U		0.00234	0.00969	1.79	12/16/2021 12:02	WG1790067
cis-1,2-Dichloroethene	0.146		0.00283	0.00969	1.79	12/16/2021 12:02	WG1790067
trans-1,2-Dichloroethene	0.00852	J	0.00402	0.0194	1.79	12/16/2021 12:02	WG1790067
1,2-Dichloropropane	U		0.00549	0.0194	1.79	12/16/2021 12:02	WG1790067
1,1-Dichloropropene	U		0.00314	0.00969	1.79	12/16/2021 12:02	WG1790067
1,3-Dichloropropane	U		0.00194	0.0194	1.79	12/16/2021 12:02	WG1790067
cis-1,3-Dichloropropene	U		0.00294	0.00969	1.79	12/16/2021 12:02	WG1790067
trans-1,3-Dichloropropene	U		0.00441	0.0194	1.79	12/16/2021 12:02	WG1790067
2,2-Dichloropropane	U		0.00534	0.00969	1.79	12/16/2021 12:02	WG1790067
Di-isopropyl ether	U		0.00159	0.00387	1.79	12/16/2021 12:02	WG1790067
Ethylbenzene	U		0.00286	0.00969	1.79	12/16/2021 12:02	WG1790067
Hexachloro-1,3-butadiene	U		0.0231	0.0969	1.79	12/16/2021 12:02	WG1790067
Isopropylbenzene	U		0.00165	0.00969	1.79	12/16/2021 12:02	WG1790067
p-Isopropyltoluene	U		0.00986	0.0194	1.79	12/16/2021 12:02	WG1790067
2-Butanone (MEK)	0.415	B C5	0.247	0.387	1.79	12/16/2021 12:02	WG1790067
Methylene Chloride	U		0.0257	0.0969	1.79	12/16/2021 12:02	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.00883	0.0969	1.79	12/16/2021 12:02	WG1790067
Methyl tert-butyl ether	U		0.00136	0.00387	1.79	12/16/2021 12:02	WG1790067
Naphthalene	U	C3	0.0189	0.0485	1.79	12/16/2021 12:02	WG1790067
n-Propylbenzene	U		0.00368	0.0194	1.79	12/16/2021 12:02	WG1790067
Styrene	U		0.000887	0.0485	1.79	12/16/2021 12:02	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00368	0.00969	1.79	12/16/2021 12:02	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00268	0.00969	1.79	12/16/2021 12:02	WG1790067

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00292	0.00969	1.79	12/16/2021 12:02	WG1790067
Tetrachloroethene	U		0.00346	0.00969	1.79	12/16/2021 12:02	WG1790067
Toluene	0.0140	J	0.00504	0.0194	1.79	12/16/2021 12:02	WG1790067
1,2,3-Trichlorobenzene	U		0.0283	0.0485	1.79	12/16/2021 12:02	WG1790067
1,2,4-Trichlorobenzene	U		0.0170	0.0485	1.79	12/16/2021 12:02	WG1790067
1,1,1-Trichloroethane	U		0.00357	0.00969	1.79	12/16/2021 12:02	WG1790067
1,1,2-Trichloroethane	U		0.00231	0.00969	1.79	12/16/2021 12:02	WG1790067
Trichloroethene	U		0.00227	0.00387	1.79	12/16/2021 12:02	WG1790067
Trichlorofluoromethane	U		0.00320	0.00969	1.79	12/16/2021 12:02	WG1790067
1,2,3-Trichloropropane	U		0.00627	0.0485	1.79	12/16/2021 12:02	WG1790067
1,2,4-Trimethylbenzene	U		0.00612	0.0194	1.79	12/16/2021 12:02	WG1790067
1,2,3-Trimethylbenzene	U		0.00612	0.0194	1.79	12/16/2021 12:02	WG1790067
Vinyl chloride	U		0.00450	0.00969	1.79	12/16/2021 12:02	WG1790067
1,3,5-Trimethylbenzene	U		0.00774	0.0194	1.79	12/16/2021 12:02	WG1790067
Xylenes, Total	U		0.00342	0.0251	1.79	12/16/2021 12:02	WG1790067
(S) Toluene-d8	*115*			*75.0-131*		*12/16/2021 12:02*	WG1790067
(S) 4-Bromofluorobenzene	*94.5*			*67.0-138*		*12/16/2021 12:02*	WG1790067
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*12/16/2021 12:02*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	61.9		1	12/16/2021 05:16	WG1790209

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.169	J	0.126	0.173	1.76	12/16/2021 12:21	WG1790067
Acrylonitrile	U		0.0125	0.0432	1.76	12/16/2021 12:21	WG1790067
Benzene	U		0.00162	0.00346	1.76	12/16/2021 12:21	WG1790067
Bromobenzene	U		0.00310	0.0432	1.76	12/16/2021 12:21	WG1790067
Bromodichloromethane	U		0.00252	0.00865	1.76	12/16/2021 12:21	WG1790067
Bromoform	U		0.00405	0.0865	1.76	12/16/2021 12:21	WG1790067
Bromomethane	U		0.00682	0.0432	1.76	12/16/2021 12:21	WG1790067
n-Butylbenzene	U		0.0182	0.0432	1.76	12/16/2021 12:21	WG1790067
sec-Butylbenzene	U		0.00996	0.0432	1.76	12/16/2021 12:21	WG1790067
tert-Butylbenzene	U		0.00674	0.0173	1.76	12/16/2021 12:21	WG1790067
Carbon tetrachloride	U		0.00310	0.0173	1.76	12/16/2021 12:21	WG1790067
Chlorobenzene	U		0.000727	0.00865	1.76	12/16/2021 12:21	WG1790067
Chlorodibromomethane	U		0.00212	0.00865	1.76	12/16/2021 12:21	WG1790067
Chloroethane	U		0.00588	0.0173	1.76	12/16/2021 12:21	WG1790067
Chloroform	U		0.00356	0.00865	1.76	12/16/2021 12:21	WG1790067
Chloromethane	U	C3	0.0151	0.0432	1.76	12/16/2021 12:21	WG1790067
2-Chlorotoluene	U		0.00299	0.00865	1.76	12/16/2021 12:21	WG1790067
4-Chlorotoluene	U		0.00156	0.0173	1.76	12/16/2021 12:21	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.0135	0.0865	1.76	12/16/2021 12:21	WG1790067
1,2-Dibromoethane	U		0.00224	0.00865	1.76	12/16/2021 12:21	WG1790067
Dibromomethane	U		0.00259	0.0173	1.76	12/16/2021 12:21	WG1790067
1,2-Dichlorobenzene	U		0.00147	0.0173	1.76	12/16/2021 12:21	WG1790067
1,3-Dichlorobenzene	U		0.00208	0.0173	1.76	12/16/2021 12:21	WG1790067
1,4-Dichlorobenzene	U		0.00242	0.0173	1.76	12/16/2021 12:21	WG1790067
Dichlorodifluoromethane	U		0.00556	0.00865	1.76	12/16/2021 12:21	WG1790067
1,1-Dichloroethane	U		0.00170	0.00865	1.76	12/16/2021 12:21	WG1790067
1,2-Dichloroethane	U		0.00224	0.00865	1.76	12/16/2021 12:21	WG1790067
1,1-Dichloroethene	U		0.00210	0.00865	1.76	12/16/2021 12:21	WG1790067
cis-1,2-Dichloroethene	U		0.00253	0.00865	1.76	12/16/2021 12:21	WG1790067
trans-1,2-Dichloroethene	U		0.00360	0.0173	1.76	12/16/2021 12:21	WG1790067
1,2-Dichloropropane	U		0.00491	0.0173	1.76	12/16/2021 12:21	WG1790067
1,1-Dichloropropene	U		0.00279	0.00865	1.76	12/16/2021 12:21	WG1790067
1,3-Dichloropropane	U		0.00173	0.0173	1.76	12/16/2021 12:21	WG1790067
cis-1,3-Dichloropropene	U		0.00261	0.00865	1.76	12/16/2021 12:21	WG1790067
trans-1,3-Dichloropropene	U		0.00395	0.0173	1.76	12/16/2021 12:21	WG1790067
2,2-Dichloropropane	U		0.00477	0.00865	1.76	12/16/2021 12:21	WG1790067
Di-isopropyl ether	U		0.00142	0.00346	1.76	12/16/2021 12:21	WG1790067
Ethylbenzene	U		0.00255	0.00865	1.76	12/16/2021 12:21	WG1790067
Hexachloro-1,3-butadiene	U		0.0208	0.0865	1.76	12/16/2021 12:21	WG1790067
Isopropylbenzene	U		0.00147	0.00865	1.76	12/16/2021 12:21	WG1790067
p-Isopropyltoluene	U		0.00882	0.0173	1.76	12/16/2021 12:21	WG1790067
2-Butanone (MEK)	0.373	B C5	0.220	0.346	1.76	12/16/2021 12:21	WG1790067
Methylene Chloride	U		0.0230	0.0865	1.76	12/16/2021 12:21	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.00788	0.0865	1.76	12/16/2021 12:21	WG1790067
Methyl tert-butyl ether	U		0.00121	0.00346	1.76	12/16/2021 12:21	WG1790067
Naphthalene	U	C3	0.0169	0.0432	1.76	12/16/2021 12:21	WG1790067
n-Propylbenzene	U		0.00328	0.0173	1.76	12/16/2021 12:21	WG1790067
Styrene	U		0.000792	0.0432	1.76	12/16/2021 12:21	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00328	0.00865	1.76	12/16/2021 12:21	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00240	0.00865	1.76	12/16/2021 12:21	WG1790067

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00261	0.00865	1.76	12/16/2021 12:21	WG1790067
Tetrachloroethene	U		0.00310	0.00865	1.76	12/16/2021 12:21	WG1790067
Toluene	U		0.00450	0.0173	1.76	12/16/2021 12:21	WG1790067
1,2,3-Trichlorobenzene	U		0.0253	0.0432	1.76	12/16/2021 12:21	WG1790067
1,2,4-Trichlorobenzene	U		0.0152	0.0432	1.76	12/16/2021 12:21	WG1790067
1,1,1-Trichloroethane	U		0.00318	0.00865	1.76	12/16/2021 12:21	WG1790067
1,1,2-Trichloroethane	U		0.00206	0.00865	1.76	12/16/2021 12:21	WG1790067
Trichloroethene	U		0.00202	0.00346	1.76	12/16/2021 12:21	WG1790067
Trichlorofluoromethane	U		0.00287	0.00865	1.76	12/16/2021 12:21	WG1790067
1,2,3-Trichloropropane	U		0.00560	0.0432	1.76	12/16/2021 12:21	WG1790067
1,2,4-Trimethylbenzene	U		0.00546	0.0173	1.76	12/16/2021 12:21	WG1790067
1,2,3-Trimethylbenzene	U		0.00546	0.0173	1.76	12/16/2021 12:21	WG1790067
Vinyl chloride	U		0.00401	0.00865	1.76	12/16/2021 12:21	WG1790067
1,3,5-Trimethylbenzene	U		0.00692	0.0173	1.76	12/16/2021 12:21	WG1790067
Xylenes, Total	U		0.00305	0.0224	1.76	12/16/2021 12:21	WG1790067
(S) Toluene-d8	*118*			*75.0-131*		*12/16/2021 12:21*	WG1790067
(S) 4-Bromofluorobenzene	*93.6*			*67.0-138*		*12/16/2021 12:21*	WG1790067
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*		*12/16/2021 12:21*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	41.4		1	12/16/2021 05:16	WG1790209

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.244	0.334	2.18	12/16/2021 12:41	WG1790067
Acrylonitrile	U		0.0241	0.0837	2.18	12/16/2021 12:41	WG1790067
Benzene	U		0.00313	0.00668	2.18	12/16/2021 12:41	WG1790067
Bromobenzene	U		0.00601	0.0837	2.18	12/16/2021 12:41	WG1790067
Bromodichloromethane	U		0.00484	0.0167	2.18	12/16/2021 12:41	WG1790067
Bromoform	U		0.00781	0.167	2.18	12/16/2021 12:41	WG1790067
Bromomethane	U		0.0131	0.0837	2.18	12/16/2021 12:41	WG1790067
n-Butylbenzene	U		0.0349	0.0837	2.18	12/16/2021 12:41	WG1790067
sec-Butylbenzene	U		0.0192	0.0837	2.18	12/16/2021 12:41	WG1790067
tert-Butylbenzene	U		0.0130	0.0334	2.18	12/16/2021 12:41	WG1790067
Carbon tetrachloride	U		0.00601	0.0334	2.18	12/16/2021 12:41	WG1790067
Chlorobenzene	U		0.00140	0.0167	2.18	12/16/2021 12:41	WG1790067
Chlorodibromomethane	U		0.00408	0.0167	2.18	12/16/2021 12:41	WG1790067
Chloroethane	U		0.0114	0.0334	2.18	12/16/2021 12:41	WG1790067
Chloroform	U		0.00689	0.0167	2.18	12/16/2021 12:41	WG1790067
Chloromethane	U	C3	0.0291	0.0837	2.18	12/16/2021 12:41	WG1790067
2-Chlorotoluene	U		0.00579	0.0167	2.18	12/16/2021 12:41	WG1790067
4-Chlorotoluene	U		0.00301	0.0334	2.18	12/16/2021 12:41	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.0260	0.167	2.18	12/16/2021 12:41	WG1790067
1,2-Dibromoethane	U		0.00432	0.0167	2.18	12/16/2021 12:41	WG1790067
Dibromomethane	U		0.00503	0.0334	2.18	12/16/2021 12:41	WG1790067
1,2-Dichlorobenzene	U		0.00284	0.0334	2.18	12/16/2021 12:41	WG1790067
1,3-Dichlorobenzene	U		0.00401	0.0334	2.18	12/16/2021 12:41	WG1790067
1,4-Dichlorobenzene	U		0.00469	0.0334	2.18	12/16/2021 12:41	WG1790067
Dichlorodifluoromethane	U		0.0108	0.0167	2.18	12/16/2021 12:41	WG1790067
1,1-Dichloroethane	U		0.00328	0.0167	2.18	12/16/2021 12:41	WG1790067
1,2-Dichloroethane	U		0.00432	0.0167	2.18	12/16/2021 12:41	WG1790067
1,1-Dichloroethene	U		0.00405	0.0167	2.18	12/16/2021 12:41	WG1790067
cis-1,2-Dichloroethene	U		0.00490	0.0167	2.18	12/16/2021 12:41	WG1790067
trans-1,2-Dichloroethene	U		0.00696	0.0334	2.18	12/16/2021 12:41	WG1790067
1,2-Dichloropropane	U		0.00950	0.0334	2.18	12/16/2021 12:41	WG1790067
1,1-Dichloropropene	U		0.00539	0.0167	2.18	12/16/2021 12:41	WG1790067
1,3-Dichloropropane	U		0.00334	0.0334	2.18	12/16/2021 12:41	WG1790067
cis-1,3-Dichloropropene	U		0.00506	0.0167	2.18	12/16/2021 12:41	WG1790067
trans-1,3-Dichloropropene	U		0.00763	0.0334	2.18	12/16/2021 12:41	WG1790067
2,2-Dichloropropane	U		0.00922	0.0167	2.18	12/16/2021 12:41	WG1790067
Di-isopropyl ether	U		0.00274	0.00668	2.18	12/16/2021 12:41	WG1790067
Ethylbenzene	U		0.00493	0.0167	2.18	12/16/2021 12:41	WG1790067
Hexachloro-1,3-butadiene	U		0.0401	0.167	2.18	12/16/2021 12:41	WG1790067
Isopropylbenzene	U		0.00284	0.0167	2.18	12/16/2021 12:41	WG1790067
p-Isopropyltoluene	U		0.0170	0.0334	2.18	12/16/2021 12:41	WG1790067
2-Butanone (MEK)	0.564	B J	0.423	0.668	2.18	12/16/2021 12:41	WG1790067
Methylene Chloride	U		0.0444	0.167	2.18	12/16/2021 12:41	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.0152	0.167	2.18	12/16/2021 12:41	WG1790067
Methyl tert-butyl ether	U		0.00234	0.00668	2.18	12/16/2021 12:41	WG1790067
Naphthalene	U	C3	0.0325	0.0837	2.18	12/16/2021 12:41	WG1790067
n-Propylbenzene	U		0.00634	0.0334	2.18	12/16/2021 12:41	WG1790067
Styrene	U		0.00153	0.0837	2.18	12/16/2021 12:41	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00634	0.0167	2.18	12/16/2021 12:41	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00466	0.0167	2.18	12/16/2021 12:41	WG1790067

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00503	0.0167	2.18	12/16/2021 12:41	WG1790067
Tetrachloroethene	U		0.00598	0.0167	2.18	12/16/2021 12:41	WG1790067
Toluene	U		0.00867	0.0334	2.18	12/16/2021 12:41	WG1790067
1,2,3-Trichlorobenzene	U		0.0490	0.0837	2.18	12/16/2021 12:41	WG1790067
1,2,4-Trichlorobenzene	U		0.0294	0.0837	2.18	12/16/2021 12:41	WG1790067
1,1,1-Trichloroethane	U		0.00616	0.0167	2.18	12/16/2021 12:41	WG1790067
1,1,2-Trichloroethane	U		0.00398	0.0167	2.18	12/16/2021 12:41	WG1790067
Trichloroethene	U		0.00389	0.00668	2.18	12/16/2021 12:41	WG1790067
Trichlorofluoromethane	U		0.00552	0.0167	2.18	12/16/2021 12:41	WG1790067
1,2,3-Trichloropropane	U		0.0108	0.0837	2.18	12/16/2021 12:41	WG1790067
1,2,4-Trimethylbenzene	U		0.0105	0.0334	2.18	12/16/2021 12:41	WG1790067
1,2,3-Trimethylbenzene	U		0.0105	0.0334	2.18	12/16/2021 12:41	WG1790067
Vinyl chloride	U		0.00775	0.0167	2.18	12/16/2021 12:41	WG1790067
1,3,5-Trimethylbenzene	U		0.0134	0.0334	2.18	12/16/2021 12:41	WG1790067
Xylenes, Total	U		0.00588	0.0435	2.18	12/16/2021 12:41	WG1790067
(S) Toluene-d8	*114*			*75.0-131*		*12/16/2021 12:41*	WG1790067
(S) 4-Bromofluorobenzene	*91.9*			*67.0-138*		*12/16/2021 12:41*	WG1790067
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*12/16/2021 12:41*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.2		1	12/16/2021 05:16	WG1790209

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0819	0.112	1.6	12/16/2021 13:01	WG1790067
Acrylonitrile	U		0.00810	0.0280	1.6	12/16/2021 13:01	WG1790067
Benzene	U		0.00105	0.00224	1.6	12/16/2021 13:01	WG1790067
Bromobenzene	U		0.00202	0.0280	1.6	12/16/2021 13:01	WG1790067
Bromodichloromethane	U		0.00163	0.00561	1.6	12/16/2021 13:01	WG1790067
Bromoform	U		0.00262	0.0561	1.6	12/16/2021 13:01	WG1790067
Bromomethane	U		0.00442	0.0280	1.6	12/16/2021 13:01	WG1790067
n-Butylbenzene	U		0.0118	0.0280	1.6	12/16/2021 13:01	WG1790067
sec-Butylbenzene	U		0.00646	0.0280	1.6	12/16/2021 13:01	WG1790067
tert-Butylbenzene	U		0.00437	0.0112	1.6	12/16/2021 13:01	WG1790067
Carbon tetrachloride	U		0.00202	0.0112	1.6	12/16/2021 13:01	WG1790067
Chlorobenzene	U		0.000471	0.00561	1.6	12/16/2021 13:01	WG1790067
Chlorodibromomethane	U		0.00137	0.00561	1.6	12/16/2021 13:01	WG1790067
Chloroethane	U		0.00381	0.0112	1.6	12/16/2021 13:01	WG1790067
Chloroform	U		0.00231	0.00561	1.6	12/16/2021 13:01	WG1790067
Chloromethane	U	C3	0.00976	0.0280	1.6	12/16/2021 13:01	WG1790067
2-Chlorotoluene	U		0.00193	0.00561	1.6	12/16/2021 13:01	WG1790067
4-Chlorotoluene	U		0.00101	0.0112	1.6	12/16/2021 13:01	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.00875	0.0561	1.6	12/16/2021 13:01	WG1790067
1,2-Dibromoethane	U		0.00146	0.00561	1.6	12/16/2021 13:01	WG1790067
Dibromomethane	U		0.00168	0.0112	1.6	12/16/2021 13:01	WG1790067
1,2-Dichlorobenzene	U		0.000953	0.0112	1.6	12/16/2021 13:01	WG1790067
1,3-Dichlorobenzene	U		0.00135	0.0112	1.6	12/16/2021 13:01	WG1790067
1,4-Dichlorobenzene	U		0.00157	0.0112	1.6	12/16/2021 13:01	WG1790067
Dichlorodifluoromethane	U		0.00362	0.00561	1.6	12/16/2021 13:01	WG1790067
1,1-Dichloroethane	U		0.00110	0.00561	1.6	12/16/2021 13:01	WG1790067
1,2-Dichloroethane	U		0.00146	0.00561	1.6	12/16/2021 13:01	WG1790067
1,1-Dichloroethene	U		0.00136	0.00561	1.6	12/16/2021 13:01	WG1790067
cis-1,2-Dichloroethene	U		0.00164	0.00561	1.6	12/16/2021 13:01	WG1790067
trans-1,2-Dichloroethene	U		0.00233	0.0112	1.6	12/16/2021 13:01	WG1790067
1,2-Dichloropropane	U		0.00318	0.0112	1.6	12/16/2021 13:01	WG1790067
1,1-Dichloropropene	U		0.00181	0.00561	1.6	12/16/2021 13:01	WG1790067
1,3-Dichloropropane	U		0.00112	0.0112	1.6	12/16/2021 13:01	WG1790067
cis-1,3-Dichloropropene	U		0.00170	0.00561	1.6	12/16/2021 13:01	WG1790067
trans-1,3-Dichloropropene	U		0.00255	0.0112	1.6	12/16/2021 13:01	WG1790067
2,2-Dichloropropane	U		0.00310	0.00561	1.6	12/16/2021 13:01	WG1790067
Di-isopropyl ether	U		0.000919	0.00224	1.6	12/16/2021 13:01	WG1790067
Ethylbenzene	U		0.00165	0.00561	1.6	12/16/2021 13:01	WG1790067
Hexachloro-1,3-butadiene	U		0.0135	0.0561	1.6	12/16/2021 13:01	WG1790067
Isopropylbenzene	U		0.000953	0.00561	1.6	12/16/2021 13:01	WG1790067
p-Isopropyltoluene	U		0.00572	0.0112	1.6	12/16/2021 13:01	WG1790067
2-Butanone (MEK)	U		0.143	0.224	1.6	12/16/2021 13:01	WG1790067
Methylene Chloride	U		0.0149	0.0561	1.6	12/16/2021 13:01	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.00512	0.0561	1.6	12/16/2021 13:01	WG1790067
Methyl tert-butyl ether	U		0.000785	0.00224	1.6	12/16/2021 13:01	WG1790067
Naphthalene	U	C3	0.0109	0.0280	1.6	12/16/2021 13:01	WG1790067
n-Propylbenzene	U		0.00213	0.0112	1.6	12/16/2021 13:01	WG1790067
Styrene	U		0.000513	0.0280	1.6	12/16/2021 13:01	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00213	0.00561	1.6	12/16/2021 13:01	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00156	0.00561	1.6	12/16/2021 13:01	WG1790067

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00170	0.00561	1.6	12/16/2021 13:01	WG1790067
Tetrachloroethene	U		0.00200	0.00561	1.6	12/16/2021 13:01	WG1790067
Toluene	U		0.00292	0.0112	1.6	12/16/2021 13:01	WG1790067
1,2,3-Trichlorobenzene	U		0.0164	0.0280	1.6	12/16/2021 13:01	WG1790067
1,2,4-Trichlorobenzene	U		0.00987	0.0280	1.6	12/16/2021 13:01	WG1790067
1,1,1-Trichloroethane	U		0.00207	0.00561	1.6	12/16/2021 13:01	WG1790067
1,1,2-Trichloroethane	U		0.00134	0.00561	1.6	12/16/2021 13:01	WG1790067
Trichloroethene	U		0.00131	0.00224	1.6	12/16/2021 13:01	WG1790067
Trichlorofluoromethane	U		0.00185	0.00561	1.6	12/16/2021 13:01	WG1790067
1,2,3-Trichloropropane	U		0.00363	0.0280	1.6	12/16/2021 13:01	WG1790067
1,2,4-Trimethylbenzene	U		0.00355	0.0112	1.6	12/16/2021 13:01	WG1790067
1,2,3-Trimethylbenzene	U		0.00355	0.0112	1.6	12/16/2021 13:01	WG1790067
Vinyl chloride	U		0.00261	0.00561	1.6	12/16/2021 13:01	WG1790067
1,3,5-Trimethylbenzene	U		0.00449	0.0112	1.6	12/16/2021 13:01	WG1790067
Xylenes, Total	U		0.00198	0.0146	1.6	12/16/2021 13:01	WG1790067
(S) Toluene-d8	*115*			*75.0-131*		*12/16/2021 13:01*	WG1790067
(S) 4-Bromofluorobenzene	*91.9*			*67.0-138*		*12/16/2021 13:01*	WG1790067
(S) 1,2-Dichloroethane-d4	*92.2*			*70.0-130*		*12/16/2021 13:01*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.7		1	12/16/2021 05:16	WG1790209

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0767	0.105	1.47	12/16/2021 13:20	WG1790067
Acrylonitrile	U		0.00759	0.0263	1.47	12/16/2021 13:20	WG1790067
Benzene	U		0.000980	0.00210	1.47	12/16/2021 13:20	WG1790067
Bromobenzene	U		0.00189	0.0263	1.47	12/16/2021 13:20	WG1790067
Bromodichloromethane	U		0.00153	0.00526	1.47	12/16/2021 13:20	WG1790067
Bromoform	U		0.00246	0.0526	1.47	12/16/2021 13:20	WG1790067
Bromomethane	U		0.00414	0.0263	1.47	12/16/2021 13:20	WG1790067
n-Butylbenzene	U		0.0110	0.0263	1.47	12/16/2021 13:20	WG1790067
sec-Butylbenzene	U		0.00604	0.0263	1.47	12/16/2021 13:20	WG1790067
tert-Butylbenzene	U		0.00410	0.0105	1.47	12/16/2021 13:20	WG1790067
Carbon tetrachloride	U		0.00189	0.0105	1.47	12/16/2021 13:20	WG1790067
Chlorobenzene	U		0.000441	0.00526	1.47	12/16/2021 13:20	WG1790067
Chlorodibromomethane	U		0.00129	0.00526	1.47	12/16/2021 13:20	WG1790067
Chloroethane	U		0.00357	0.0105	1.47	12/16/2021 13:20	WG1790067
Chloroform	U		0.00216	0.00526	1.47	12/16/2021 13:20	WG1790067
Chloromethane	U	C3	0.00913	0.0263	1.47	12/16/2021 13:20	WG1790067
2-Chlorotoluene	U		0.00181	0.00526	1.47	12/16/2021 13:20	WG1790067
4-Chlorotoluene	U		0.000944	0.0105	1.47	12/16/2021 13:20	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.00819	0.0526	1.47	12/16/2021 13:20	WG1790067
1,2-Dibromoethane	U		0.00136	0.00526	1.47	12/16/2021 13:20	WG1790067
Dibromomethane	U		0.00157	0.0105	1.47	12/16/2021 13:20	WG1790067
1,2-Dichlorobenzene	U		0.000893	0.0105	1.47	12/16/2021 13:20	WG1790067
1,3-Dichlorobenzene	U		0.00126	0.0105	1.47	12/16/2021 13:20	WG1790067
1,4-Dichlorobenzene	U		0.00147	0.0105	1.47	12/16/2021 13:20	WG1790067
Dichlorodifluoromethane	U		0.00339	0.00526	1.47	12/16/2021 13:20	WG1790067
1,1-Dichloroethane	U		0.00103	0.00526	1.47	12/16/2021 13:20	WG1790067
1,2-Dichloroethane	U		0.00136	0.00526	1.47	12/16/2021 13:20	WG1790067
1,1-Dichloroethene	U		0.00127	0.00526	1.47	12/16/2021 13:20	WG1790067
cis-1,2-Dichloroethene	U		0.00154	0.00526	1.47	12/16/2021 13:20	WG1790067
trans-1,2-Dichloroethene	U		0.00219	0.0105	1.47	12/16/2021 13:20	WG1790067
1,2-Dichloropropane	U		0.00299	0.0105	1.47	12/16/2021 13:20	WG1790067
1,1-Dichloropropene	U		0.00170	0.00526	1.47	12/16/2021 13:20	WG1790067
1,3-Dichloropropane	U		0.00105	0.0105	1.47	12/16/2021 13:20	WG1790067
cis-1,3-Dichloropropene	U		0.00159	0.00526	1.47	12/16/2021 13:20	WG1790067
trans-1,3-Dichloropropene	U		0.00240	0.0105	1.47	12/16/2021 13:20	WG1790067
2,2-Dichloropropane	U		0.00290	0.00526	1.47	12/16/2021 13:20	WG1790067
Di-isopropyl ether	U		0.000861	0.00210	1.47	12/16/2021 13:20	WG1790067
Ethylbenzene	U		0.00154	0.00526	1.47	12/16/2021 13:20	WG1790067
Hexachloro-1,3-butadiene	U		0.0126	0.0526	1.47	12/16/2021 13:20	WG1790067
Isopropylbenzene	U		0.000893	0.00526	1.47	12/16/2021 13:20	WG1790067
p-Isopropyltoluene	U		0.00536	0.0105	1.47	12/16/2021 13:20	WG1790067
2-Butanone (MEK)	U		0.133	0.210	1.47	12/16/2021 13:20	WG1790067
Methylene Chloride	U		0.0139	0.0526	1.47	12/16/2021 13:20	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.00479	0.0526	1.47	12/16/2021 13:20	WG1790067
Methyl tert-butyl ether	U		0.000736	0.00210	1.47	12/16/2021 13:20	WG1790067
Naphthalene	U	C3	0.0102	0.0263	1.47	12/16/2021 13:20	WG1790067
n-Propylbenzene	U		0.00200	0.0105	1.47	12/16/2021 13:20	WG1790067
Styrene	U		0.000481	0.0263	1.47	12/16/2021 13:20	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00199	0.00526	1.47	12/16/2021 13:20	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00146	0.00526	1.47	12/16/2021 13:20	WG1790067

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00159	0.00526	1.47	12/16/2021 13:20	WG1790067
Tetrachloroethene	U		0.00189	0.00526	1.47	12/16/2021 13:20	WG1790067
Toluene	U		0.00273	0.0105	1.47	12/16/2021 13:20	WG1790067
1,2,3-Trichlorobenzene	U		0.0154	0.0263	1.47	12/16/2021 13:20	WG1790067
1,2,4-Trichlorobenzene	U		0.00924	0.0263	1.47	12/16/2021 13:20	WG1790067
1,1,1-Trichloroethane	U		0.00194	0.00526	1.47	12/16/2021 13:20	WG1790067
1,1,2-Trichloroethane	U		0.00125	0.00526	1.47	12/16/2021 13:20	WG1790067
Trichloroethene	U		0.00123	0.00210	1.47	12/16/2021 13:20	WG1790067
Trichlorofluoromethane	U		0.00174	0.00526	1.47	12/16/2021 13:20	WG1790067
1,2,3-Trichloropropane	U		0.00340	0.0263	1.47	12/16/2021 13:20	WG1790067
1,2,4-Trimethylbenzene	U		0.00331	0.0105	1.47	12/16/2021 13:20	WG1790067
1,2,3-Trimethylbenzene	U		0.00331	0.0105	1.47	12/16/2021 13:20	WG1790067
Vinyl chloride	U		0.00244	0.00526	1.47	12/16/2021 13:20	WG1790067
1,3,5-Trimethylbenzene	U		0.00420	0.0105	1.47	12/16/2021 13:20	WG1790067
Xylenes, Total	U		0.00184	0.0137	1.47	12/16/2021 13:20	WG1790067
(S) Toluene-d8	*111*			*75.0-131*		*12/16/2021 13:20*	WG1790067
(S) 4-Bromofluorobenzene	*95.2*			*67.0-138*		*12/16/2021 13:20*	WG1790067
(S) 1,2-Dichloroethane-d4	*92.5*			*70.0-130*		*12/16/2021 13:20*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.9		1	12/16/2021 05:08	WG1790210

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0736	0.101	1.47	12/16/2021 13:40	WG1790067
Acrylonitrile	U		0.00728	0.0252	1.47	12/16/2021 13:40	WG1790067
Benzene	U		0.000940	0.00202	1.47	12/16/2021 13:40	WG1790067
Bromobenzene	U		0.00181	0.0252	1.47	12/16/2021 13:40	WG1790067
Bromodichloromethane	U		0.00147	0.00504	1.47	12/16/2021 13:40	WG1790067
Bromoform	U		0.00236	0.0504	1.47	12/16/2021 13:40	WG1790067
Bromomethane	U		0.00398	0.0252	1.47	12/16/2021 13:40	WG1790067
n-Butylbenzene	U		0.0106	0.0252	1.47	12/16/2021 13:40	WG1790067
sec-Butylbenzene	U		0.00580	0.0252	1.47	12/16/2021 13:40	WG1790067
tert-Butylbenzene	U		0.00393	0.0101	1.47	12/16/2021 13:40	WG1790067
Carbon tetrachloride	U		0.00181	0.0101	1.47	12/16/2021 13:40	WG1790067
Chlorobenzene	U		0.000424	0.00504	1.47	12/16/2021 13:40	WG1790067
Chlorodibromomethane	U		0.00123	0.00504	1.47	12/16/2021 13:40	WG1790067
Chloroethane	U		0.00343	0.0101	1.47	12/16/2021 13:40	WG1790067
Chloroform	U		0.00207	0.00504	1.47	12/16/2021 13:40	WG1790067
Chloromethane	U	C3	0.00876	0.0252	1.47	12/16/2021 13:40	WG1790067
2-Chlorotoluene	U		0.00174	0.00504	1.47	12/16/2021 13:40	WG1790067
4-Chlorotoluene	U		0.000906	0.0101	1.47	12/16/2021 13:40	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.00785	0.0504	1.47	12/16/2021 13:40	WG1790067
1,2-Dibromoethane	U		0.00131	0.00504	1.47	12/16/2021 13:40	WG1790067
Dibromomethane	U		0.00151	0.0101	1.47	12/16/2021 13:40	WG1790067
1,2-Dichlorobenzene	U		0.000857	0.0101	1.47	12/16/2021 13:40	WG1790067
1,3-Dichlorobenzene	U		0.00121	0.0101	1.47	12/16/2021 13:40	WG1790067
1,4-Dichlorobenzene	U		0.00141	0.0101	1.47	12/16/2021 13:40	WG1790067
Dichlorodifluoromethane	U		0.00325	0.00504	1.47	12/16/2021 13:40	WG1790067
1,1-Dichloroethane	U		0.000990	0.00504	1.47	12/16/2021 13:40	WG1790067
1,2-Dichloroethane	U		0.00131	0.00504	1.47	12/16/2021 13:40	WG1790067
1,1-Dichloroethene	U		0.00122	0.00504	1.47	12/16/2021 13:40	WG1790067
cis-1,2-Dichloroethene	U		0.00148	0.00504	1.47	12/16/2021 13:40	WG1790067
trans-1,2-Dichloroethene	U		0.00210	0.0101	1.47	12/16/2021 13:40	WG1790067
1,2-Dichloropropane	U		0.00286	0.0101	1.47	12/16/2021 13:40	WG1790067
1,1-Dichloropropene	U		0.00163	0.00504	1.47	12/16/2021 13:40	WG1790067
1,3-Dichloropropane	U		0.00101	0.0101	1.47	12/16/2021 13:40	WG1790067
cis-1,3-Dichloropropene	U		0.00152	0.00504	1.47	12/16/2021 13:40	WG1790067
trans-1,3-Dichloropropene	U		0.00230	0.0101	1.47	12/16/2021 13:40	WG1790067
2,2-Dichloropropane	U		0.00278	0.00504	1.47	12/16/2021 13:40	WG1790067
Di-isopropyl ether	U		0.000827	0.00202	1.47	12/16/2021 13:40	WG1790067
Ethylbenzene	U		0.00148	0.00504	1.47	12/16/2021 13:40	WG1790067
Hexachloro-1,3-butadiene	U		0.0121	0.0504	1.47	12/16/2021 13:40	WG1790067
Isopropylbenzene	U		0.000857	0.00504	1.47	12/16/2021 13:40	WG1790067
p-Isopropyltoluene	U		0.00514	0.0101	1.47	12/16/2021 13:40	WG1790067
2-Butanone (MEK)	0.169	B J	0.128	0.202	1.47	12/16/2021 13:40	WG1790067
Methylene Chloride	U		0.0134	0.0504	1.47	12/16/2021 13:40	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.00459	0.0504	1.47	12/16/2021 13:40	WG1790067
Methyl tert-butyl ether	U		0.000706	0.00202	1.47	12/16/2021 13:40	WG1790067
Naphthalene	U	C3	0.00983	0.0252	1.47	12/16/2021 13:40	WG1790067
n-Propylbenzene	U		0.00192	0.0101	1.47	12/16/2021 13:40	WG1790067
Styrene	U		0.000462	0.0252	1.47	12/16/2021 13:40	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00191	0.00504	1.47	12/16/2021 13:40	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00140	0.00504	1.47	12/16/2021 13:40	WG1790067

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00152	0.00504	1.47	12/16/2021 13:40	WG1790067
Tetrachloroethene	U		0.00181	0.00504	1.47	12/16/2021 13:40	WG1790067
Toluene	U		0.00262	0.0101	1.47	12/16/2021 13:40	WG1790067
1,2,3-Trichlorobenzene	U		0.0148	0.0252	1.47	12/16/2021 13:40	WG1790067
1,2,4-Trichlorobenzene	U		0.00887	0.0252	1.47	12/16/2021 13:40	WG1790067
1,1,1-Trichloroethane	U		0.00186	0.00504	1.47	12/16/2021 13:40	WG1790067
1,1,2-Trichloroethane	U		0.00120	0.00504	1.47	12/16/2021 13:40	WG1790067
Trichloroethene	U		0.00118	0.00202	1.47	12/16/2021 13:40	WG1790067
Trichlorofluoromethane	U		0.00167	0.00504	1.47	12/16/2021 13:40	WG1790067
1,2,3-Trichloropropane	U		0.00326	0.0252	1.47	12/16/2021 13:40	WG1790067
1,2,4-Trimethylbenzene	U		0.00318	0.0101	1.47	12/16/2021 13:40	WG1790067
1,2,3-Trimethylbenzene	U		0.00318	0.0101	1.47	12/16/2021 13:40	WG1790067
Vinyl chloride	U		0.00234	0.00504	1.47	12/16/2021 13:40	WG1790067
1,3,5-Trimethylbenzene	U		0.00403	0.0101	1.47	12/16/2021 13:40	WG1790067
Xylenes, Total	U		0.00177	0.0131	1.47	12/16/2021 13:40	WG1790067
(S) Toluene-d8	*115*			*75.0-131*		*12/16/2021 13:40*	WG1790067
(S) 4-Bromofluorobenzene	*91.6*			*67.0-138*		*12/16/2021 13:40*	WG1790067
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*		*12/16/2021 13:40*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	61.7		1	12/16/2021 05:08	WG1790210

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.129	0.177	1.8	12/16/2021 13:59	WG1790067
Acrylonitrile	U		0.0128	0.0443	1.8	12/16/2021 13:59	WG1790067
Benzene	U		0.00165	0.00354	1.8	12/16/2021 13:59	WG1790067
Bromobenzene	U		0.00319	0.0443	1.8	12/16/2021 13:59	WG1790067
Bromodichloromethane	U		0.00258	0.00885	1.8	12/16/2021 13:59	WG1790067
Bromoform	U		0.00415	0.0885	1.8	12/16/2021 13:59	WG1790067
Bromomethane	U		0.00698	0.0443	1.8	12/16/2021 13:59	WG1790067
n-Butylbenzene	U		0.0186	0.0443	1.8	12/16/2021 13:59	WG1790067
sec-Butylbenzene	U		0.0102	0.0443	1.8	12/16/2021 13:59	WG1790067
tert-Butylbenzene	U		0.00691	0.0177	1.8	12/16/2021 13:59	WG1790067
Carbon tetrachloride	U		0.00319	0.0177	1.8	12/16/2021 13:59	WG1790067
Chlorobenzene	U		0.000744	0.00885	1.8	12/16/2021 13:59	WG1790067
Chlorodibromomethane	U		0.00216	0.00885	1.8	12/16/2021 13:59	WG1790067
Chloroethane	U		0.00602	0.0177	1.8	12/16/2021 13:59	WG1790067
Chloroform	U		0.00364	0.00885	1.8	12/16/2021 13:59	WG1790067
Chloromethane	U	C3	0.0154	0.0443	1.8	12/16/2021 13:59	WG1790067
2-Chlorotoluene	U		0.00307	0.00885	1.8	12/16/2021 13:59	WG1790067
4-Chlorotoluene	U		0.00159	0.0177	1.8	12/16/2021 13:59	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.0138	0.0885	1.8	12/16/2021 13:59	WG1790067
1,2-Dibromoethane	U		0.00230	0.00885	1.8	12/16/2021 13:59	WG1790067
Dibromomethane	U		0.00266	0.0177	1.8	12/16/2021 13:59	WG1790067
1,2-Dichlorobenzene	U		0.00151	0.0177	1.8	12/16/2021 13:59	WG1790067
1,3-Dichlorobenzene	U		0.00212	0.0177	1.8	12/16/2021 13:59	WG1790067
1,4-Dichlorobenzene	U		0.00248	0.0177	1.8	12/16/2021 13:59	WG1790067
Dichlorodifluoromethane	U		0.00571	0.00885	1.8	12/16/2021 13:59	WG1790067
1,1-Dichloroethane	U		0.00174	0.00885	1.8	12/16/2021 13:59	WG1790067
1,2-Dichloroethane	U		0.00230	0.00885	1.8	12/16/2021 13:59	WG1790067
1,1-Dichloroethene	U		0.00214	0.00885	1.8	12/16/2021 13:59	WG1790067
cis-1,2-Dichloroethene	U		0.00260	0.00885	1.8	12/16/2021 13:59	WG1790067
trans-1,2-Dichloroethene	U		0.00368	0.0177	1.8	12/16/2021 13:59	WG1790067
1,2-Dichloropropane	U		0.00504	0.0177	1.8	12/16/2021 13:59	WG1790067
1,1-Dichloropropene	U		0.00287	0.00885	1.8	12/16/2021 13:59	WG1790067
1,3-Dichloropropane	U		0.00177	0.0177	1.8	12/16/2021 13:59	WG1790067
cis-1,3-Dichloropropene	U		0.00268	0.00885	1.8	12/16/2021 13:59	WG1790067
trans-1,3-Dichloropropene	U		0.00403	0.0177	1.8	12/16/2021 13:59	WG1790067
2,2-Dichloropropane	U		0.00488	0.00885	1.8	12/16/2021 13:59	WG1790067
Di-isopropyl ether	U		0.00145	0.00354	1.8	12/16/2021 13:59	WG1790067
Ethylbenzene	U		0.00262	0.00885	1.8	12/16/2021 13:59	WG1790067
Hexachloro-1,3-butadiene	U		0.0212	0.0885	1.8	12/16/2021 13:59	WG1790067
Isopropylbenzene	U		0.00151	0.00885	1.8	12/16/2021 13:59	WG1790067
p-Isopropyltoluene	U		0.00903	0.0177	1.8	12/16/2021 13:59	WG1790067
2-Butanone (MEK)	0.364	B C5	0.224	0.354	1.8	12/16/2021 13:59	WG1790067
Methylene Chloride	U		0.0236	0.0885	1.8	12/16/2021 13:59	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.00807	0.0885	1.8	12/16/2021 13:59	WG1790067
Methyl tert-butyl ether	U		0.00124	0.00354	1.8	12/16/2021 13:59	WG1790067
Naphthalene	U	C3	0.0173	0.0443	1.8	12/16/2021 13:59	WG1790067
n-Propylbenzene	U		0.00336	0.0177	1.8	12/16/2021 13:59	WG1790067
Styrene	U		0.000811	0.0443	1.8	12/16/2021 13:59	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00336	0.00885	1.8	12/16/2021 13:59	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00246	0.00885	1.8	12/16/2021 13:59	WG1790067

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00268	0.00885	1.8	12/16/2021 13:59	WG1790067
Tetrachloroethene	U		0.00317	0.00885	1.8	12/16/2021 13:59	WG1790067
Toluene	U		0.00460	0.0177	1.8	12/16/2021 13:59	WG1790067
1,2,3-Trichlorobenzene	U		0.0260	0.0443	1.8	12/16/2021 13:59	WG1790067
1,2,4-Trichlorobenzene	U		0.0156	0.0443	1.8	12/16/2021 13:59	WG1790067
1,1,1-Trichloroethane	U		0.00327	0.00885	1.8	12/16/2021 13:59	WG1790067
1,1,2-Trichloroethane	U		0.00211	0.00885	1.8	12/16/2021 13:59	WG1790067
Trichloroethene	U		0.00207	0.00354	1.8	12/16/2021 13:59	WG1790067
Trichlorofluoromethane	U		0.00293	0.00885	1.8	12/16/2021 13:59	WG1790067
1,2,3-Trichloropropane	U		0.00575	0.0443	1.8	12/16/2021 13:59	WG1790067
1,2,4-Trimethylbenzene	U		0.00559	0.0177	1.8	12/16/2021 13:59	WG1790067
1,2,3-Trimethylbenzene	U		0.00559	0.0177	1.8	12/16/2021 13:59	WG1790067
Vinyl chloride	U		0.00411	0.00885	1.8	12/16/2021 13:59	WG1790067
1,3,5-Trimethylbenzene	U		0.00708	0.0177	1.8	12/16/2021 13:59	WG1790067
Xylenes, Total	U		0.00311	0.0230	1.8	12/16/2021 13:59	WG1790067
(S) Toluene-d8	*113*			*75.0-131*		*12/16/2021 13:59*	WG1790067
(S) 4-Bromofluorobenzene	*93.3*			*67.0-138*		*12/16/2021 13:59*	WG1790067
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*		*12/16/2021 13:59*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	42.8		1	12/16/2021 05:08	WG1790210

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.765		0.362	0.495	3.66	12/16/2021 14:19	WG1790067
Acrylonitrile	U		0.0357	0.124	3.66	12/16/2021 14:19	WG1790067
Benzene	0.0106		0.00462	0.00990	3.66	12/16/2021 14:19	WG1790067
Bromobenzene	U		0.00890	0.124	3.66	12/16/2021 14:19	WG1790067
Bromodichloromethane	U		0.00717	0.0247	3.66	12/16/2021 14:19	WG1790067
Bromoform	U		0.0116	0.247	3.66	12/16/2021 14:19	WG1790067
Bromomethane	U		0.0195	0.124	3.66	12/16/2021 14:19	WG1790067
n-Butylbenzene	U		0.0519	0.124	3.66	12/16/2021 14:19	WG1790067
sec-Butylbenzene	U		0.0284	0.124	3.66	12/16/2021 14:19	WG1790067
tert-Butylbenzene	U		0.0193	0.0495	3.66	12/16/2021 14:19	WG1790067
Carbon tetrachloride	U		0.00890	0.0495	3.66	12/16/2021 14:19	WG1790067
Chlorobenzene	U		0.00208	0.0247	3.66	12/16/2021 14:19	WG1790067
Chlorodibromomethane	U		0.00606	0.0247	3.66	12/16/2021 14:19	WG1790067
Chloroethane	U		0.0168	0.0495	3.66	12/16/2021 14:19	WG1790067
Chloroform	U		0.0102	0.0247	3.66	12/16/2021 14:19	WG1790067
Chloromethane	U	C3	0.0430	0.124	3.66	12/16/2021 14:19	WG1790067
2-Chlorotoluene	U		0.00857	0.0247	3.66	12/16/2021 14:19	WG1790067
4-Chlorotoluene	U		0.00446	0.0495	3.66	12/16/2021 14:19	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.0387	0.247	3.66	12/16/2021 14:19	WG1790067
1,2-Dibromoethane	U		0.00641	0.0247	3.66	12/16/2021 14:19	WG1790067
Dibromomethane	U		0.00744	0.0495	3.66	12/16/2021 14:19	WG1790067
1,2-Dichlorobenzene	U		0.00422	0.0495	3.66	12/16/2021 14:19	WG1790067
1,3-Dichlorobenzene	U		0.00595	0.0495	3.66	12/16/2021 14:19	WG1790067
1,4-Dichlorobenzene	U		0.00692	0.0495	3.66	12/16/2021 14:19	WG1790067
Dichlorodifluoromethane	U		0.0159	0.0247	3.66	12/16/2021 14:19	WG1790067
1,1-Dichloroethane	U		0.00487	0.0247	3.66	12/16/2021 14:19	WG1790067
1,2-Dichloroethane	U		0.00644	0.0247	3.66	12/16/2021 14:19	WG1790067
1,1-Dichloroethene	U		0.00600	0.0247	3.66	12/16/2021 14:19	WG1790067
cis-1,2-Dichloroethene	0.330		0.00727	0.0247	3.66	12/16/2021 14:19	WG1790067
trans-1,2-Dichloroethene	U		0.0103	0.0495	3.66	12/16/2021 14:19	WG1790067
1,2-Dichloropropane	U		0.0141	0.0495	3.66	12/16/2021 14:19	WG1790067
1,1-Dichloropropene	U		0.00800	0.0247	3.66	12/16/2021 14:19	WG1790067
1,3-Dichloropropane	U		0.00495	0.0495	3.66	12/16/2021 14:19	WG1790067
cis-1,3-Dichloropropene	U		0.00749	0.0247	3.66	12/16/2021 14:19	WG1790067
trans-1,3-Dichloropropene	U		0.0113	0.0495	3.66	12/16/2021 14:19	WG1790067
2,2-Dichloropropane	U		0.0137	0.0247	3.66	12/16/2021 14:19	WG1790067
Di-isopropyl ether	U		0.00406	0.00990	3.66	12/16/2021 14:19	WG1790067
Ethylbenzene	U		0.00730	0.0247	3.66	12/16/2021 14:19	WG1790067
Hexachloro-1,3-butadiene	U		0.0595	0.247	3.66	12/16/2021 14:19	WG1790067
Isopropylbenzene	U		0.00422	0.0247	3.66	12/16/2021 14:19	WG1790067
p-Isopropyltoluene	U		0.0252	0.0495	3.66	12/16/2021 14:19	WG1790067
2-Butanone (MEK)	1.30	B C5	0.627	0.990	3.66	12/16/2021 14:19	WG1790067
Methylene Chloride	U		0.0657	0.247	3.66	12/16/2021 14:19	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.0226	0.247	3.66	12/16/2021 14:19	WG1790067
Methyl tert-butyl ether	U		0.00346	0.00990	3.66	12/16/2021 14:19	WG1790067
Naphthalene	U	C3	0.0484	0.124	3.66	12/16/2021 14:19	WG1790067
n-Propylbenzene	U		0.00941	0.0495	3.66	12/16/2021 14:19	WG1790067
Styrene	U		0.00227	0.124	3.66	12/16/2021 14:19	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00938	0.0247	3.66	12/16/2021 14:19	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00687	0.0247	3.66	12/16/2021 14:19	WG1790067

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00746	0.0247	3.66	12/16/2021 14:19	WG1790067
Tetrachloroethene	U		0.00887	0.0247	3.66	12/16/2021 14:19	WG1790067
Toluene	0.0173	J	0.0129	0.0495	3.66	12/16/2021 14:19	WG1790067
1,2,3-Trichlorobenzene	U		0.0725	0.124	3.66	12/16/2021 14:19	WG1790067
1,2,4-Trichlorobenzene	U		0.0435	0.124	3.66	12/16/2021 14:19	WG1790067
1,1,1-Trichloroethane	U		0.00914	0.0247	3.66	12/16/2021 14:19	WG1790067
1,1,2-Trichloroethane	U		0.00592	0.0247	3.66	12/16/2021 14:19	WG1790067
Trichloroethene	U		0.00579	0.00990	3.66	12/16/2021 14:19	WG1790067
Trichlorofluoromethane	U		0.00819	0.0247	3.66	12/16/2021 14:19	WG1790067
1,2,3-Trichloropropane	U		0.0160	0.124	3.66	12/16/2021 14:19	WG1790067
1,2,4-Trimethylbenzene	U		0.0156	0.0495	3.66	12/16/2021 14:19	WG1790067
1,2,3-Trimethylbenzene	U		0.0156	0.0495	3.66	12/16/2021 14:19	WG1790067
Vinyl chloride	U		0.0115	0.0247	3.66	12/16/2021 14:19	WG1790067
1,3,5-Trimethylbenzene	U		0.0198	0.0495	3.66	12/16/2021 14:19	WG1790067
Xylenes, Total	U		0.00871	0.0644	3.66	12/16/2021 14:19	WG1790067
(S) Toluene-d8	*112*			*75.0-131*		*12/16/2021 14:19*	WG1790067
(S) 4-Bromofluorobenzene	*96.1*			*67.0-138*		*12/16/2021 14:19*	WG1790067
(S) 1,2-Dichloroethane-d4	*96.4*			*70.0-130*		*12/16/2021 14:19*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	41.5		1	12/16/2021 05:08	WG1790210

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.357		0.259	0.354	2.36	12/16/2021 14:39	WG1790067
Acrylonitrile	U		0.0256	0.0886	2.36	12/16/2021 14:39	WG1790067
Benzene	U		0.00330	0.00709	2.36	12/16/2021 14:39	WG1790067
Bromobenzene	U		0.00637	0.0886	2.36	12/16/2021 14:39	WG1790067
Bromodichloromethane	U		0.00514	0.0177	2.36	12/16/2021 14:39	WG1790067
Bromoform	U		0.00829	0.177	2.36	12/16/2021 14:39	WG1790067
Bromomethane	U		0.0140	0.0886	2.36	12/16/2021 14:39	WG1790067
n-Butylbenzene	U		0.0373	0.0886	2.36	12/16/2021 14:39	WG1790067
sec-Butylbenzene	U		0.0204	0.0886	2.36	12/16/2021 14:39	WG1790067
tert-Butylbenzene	U		0.0138	0.0354	2.36	12/16/2021 14:39	WG1790067
Carbon tetrachloride	U		0.00637	0.0354	2.36	12/16/2021 14:39	WG1790067
Chlorobenzene	U		0.00149	0.0177	2.36	12/16/2021 14:39	WG1790067
Chlorodibromomethane	U		0.00433	0.0177	2.36	12/16/2021 14:39	WG1790067
Chloroethane	U		0.0120	0.0354	2.36	12/16/2021 14:39	WG1790067
Chloroform	U		0.00730	0.0177	2.36	12/16/2021 14:39	WG1790067
Chloromethane	U	C3	0.0309	0.0886	2.36	12/16/2021 14:39	WG1790067
2-Chlorotoluene	U		0.00613	0.0177	2.36	12/16/2021 14:39	WG1790067
4-Chlorotoluene	U		0.00318	0.0354	2.36	12/16/2021 14:39	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.0276	0.177	2.36	12/16/2021 14:39	WG1790067
1,2-Dibromoethane	U		0.00460	0.0177	2.36	12/16/2021 14:39	WG1790067
Dibromomethane	U		0.00532	0.0354	2.36	12/16/2021 14:39	WG1790067
1,2-Dichlorobenzene	U		0.00300	0.0354	2.36	12/16/2021 14:39	WG1790067
1,3-Dichlorobenzene	U		0.00427	0.0354	2.36	12/16/2021 14:39	WG1790067
1,4-Dichlorobenzene	U		0.00496	0.0354	2.36	12/16/2021 14:39	WG1790067
Dichlorodifluoromethane	U		0.0114	0.0177	2.36	12/16/2021 14:39	WG1790067
1,1-Dichloroethane	U		0.00348	0.0177	2.36	12/16/2021 14:39	WG1790067
1,2-Dichloroethane	U		0.00460	0.0177	2.36	12/16/2021 14:39	WG1790067
1,1-Dichloroethene	U		0.00430	0.0177	2.36	12/16/2021 14:39	WG1790067
cis-1,2-Dichloroethene	U		0.00520	0.0177	2.36	12/16/2021 14:39	WG1790067
trans-1,2-Dichloroethene	U		0.00736	0.0354	2.36	12/16/2021 14:39	WG1790067
1,2-Dichloropropane	U		0.0101	0.0354	2.36	12/16/2021 14:39	WG1790067
1,1-Dichloropropene	U		0.00574	0.0177	2.36	12/16/2021 14:39	WG1790067
1,3-Dichloropropane	U		0.00354	0.0354	2.36	12/16/2021 14:39	WG1790067
cis-1,3-Dichloropropene	U		0.00538	0.0177	2.36	12/16/2021 14:39	WG1790067
trans-1,3-Dichloropropene	U		0.00808	0.0354	2.36	12/16/2021 14:39	WG1790067
2,2-Dichloropropane	U		0.00979	0.0177	2.36	12/16/2021 14:39	WG1790067
Di-isopropyl ether	U		0.00291	0.00709	2.36	12/16/2021 14:39	WG1790067
Ethylbenzene	U		0.00523	0.0177	2.36	12/16/2021 14:39	WG1790067
Hexachloro-1,3-butadiene	U		0.0427	0.177	2.36	12/16/2021 14:39	WG1790067
Isopropylbenzene	U		0.00300	0.0177	2.36	12/16/2021 14:39	WG1790067
p-Isopropyltoluene	U		0.0181	0.0354	2.36	12/16/2021 14:39	WG1790067
2-Butanone (MEK)	U		0.451	0.709	2.36	12/16/2021 14:39	WG1790067
Methylene Chloride	U		0.0472	0.177	2.36	12/16/2021 14:39	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.0162	0.177	2.36	12/16/2021 14:39	WG1790067
Methyl tert-butyl ether	U		0.00248	0.00709	2.36	12/16/2021 14:39	WG1790067
Naphthalene	U	C3	0.0345	0.0886	2.36	12/16/2021 14:39	WG1790067
n-Propylbenzene	U		0.00673	0.0354	2.36	12/16/2021 14:39	WG1790067
Styrene	U		0.00162	0.0886	2.36	12/16/2021 14:39	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00673	0.0177	2.36	12/16/2021 14:39	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00493	0.0177	2.36	12/16/2021 14:39	WG1790067

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

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00535	0.0177	2.36	12/16/2021 14:39	WG1790067
Tetrachloroethene	U		0.00634	0.0177	2.36	12/16/2021 14:39	WG1790067
Toluene	U		0.00922	0.0354	2.36	12/16/2021 14:39	WG1790067
1,2,3-Trichlorobenzene	U		0.0520	0.0886	2.36	12/16/2021 14:39	WG1790067
1,2,4-Trichlorobenzene	U		0.0312	0.0886	2.36	12/16/2021 14:39	WG1790067
1,1,1-Trichloroethane	U		0.00655	0.0177	2.36	12/16/2021 14:39	WG1790067
1,1,2-Trichloroethane	U		0.00424	0.0177	2.36	12/16/2021 14:39	WG1790067
Trichloroethene	U		0.00415	0.00709	2.36	12/16/2021 14:39	WG1790067
Trichlorofluoromethane	U		0.00586	0.0177	2.36	12/16/2021 14:39	WG1790067
1,2,3-Trichloropropane	U		0.0115	0.0886	2.36	12/16/2021 14:39	WG1790067
1,2,4-Trimethylbenzene	U		0.0112	0.0354	2.36	12/16/2021 14:39	WG1790067
1,2,3-Trimethylbenzene	U		0.0112	0.0354	2.36	12/16/2021 14:39	WG1790067
Vinyl chloride	U		0.00823	0.0177	2.36	12/16/2021 14:39	WG1790067
1,3,5-Trimethylbenzene	U		0.0142	0.0354	2.36	12/16/2021 14:39	WG1790067
Xylenes, Total	U		0.00625	0.0460	2.36	12/16/2021 14:39	WG1790067
(S) Toluene-d8	*111*			*75.0-131*		*12/16/2021 14:39*	WG1790067
(S) 4-Bromofluorobenzene	*92.6*			*67.0-138*		*12/16/2021 14:39*	WG1790067
(S) 1,2-Dichloroethane-d4	*94.1*			*70.0-130*		*12/16/2021 14:39*	WG1790067

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	55.7		1	12/16/2021 05:08	WG1790210

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

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.179	J	0.152	0.209	1.88	12/16/2021 14:58	WG1790067
Acrylonitrile	U		0.0151	0.0522	1.88	12/16/2021 14:58	WG1790067
Benzene	U		0.00195	0.00417	1.88	12/16/2021 14:58	WG1790067
Bromobenzene	U		0.00375	0.0522	1.88	12/16/2021 14:58	WG1790067
Bromodichloromethane	U		0.00302	0.0104	1.88	12/16/2021 14:58	WG1790067
Bromoform	U		0.00488	0.104	1.88	12/16/2021 14:58	WG1790067
Bromomethane	U		0.00821	0.0522	1.88	12/16/2021 14:58	WG1790067
n-Butylbenzene	U		0.0219	0.0522	1.88	12/16/2021 14:58	WG1790067
sec-Butylbenzene	U		0.0120	0.0522	1.88	12/16/2021 14:58	WG1790067
tert-Butylbenzene	U		0.00815	0.0209	1.88	12/16/2021 14:58	WG1790067
Carbon tetrachloride	U		0.00375	0.0209	1.88	12/16/2021 14:58	WG1790067
Chlorobenzene	U		0.000877	0.0104	1.88	12/16/2021 14:58	WG1790067
Chlorodibromomethane	U		0.00255	0.0104	1.88	12/16/2021 14:58	WG1790067
Chloroethane	U		0.00710	0.0209	1.88	12/16/2021 14:58	WG1790067
Chloroform	U		0.00431	0.0104	1.88	12/16/2021 14:58	WG1790067
Chloromethane	U	C3	0.0182	0.0522	1.88	12/16/2021 14:58	WG1790067
2-Chlorotoluene	U		0.00362	0.0104	1.88	12/16/2021 14:58	WG1790067
4-Chlorotoluene	U		0.00188	0.0209	1.88	12/16/2021 14:58	WG1790067
1,2-Dibromo-3-Chloropropane	U		0.0163	0.104	1.88	12/16/2021 14:58	WG1790067
1,2-Dibromoethane	U		0.00271	0.0104	1.88	12/16/2021 14:58	WG1790067
Dibromomethane	U		0.00313	0.0209	1.88	12/16/2021 14:58	WG1790067
1,2-Dichlorobenzene	U		0.00177	0.0209	1.88	12/16/2021 14:58	WG1790067
1,3-Dichlorobenzene	U		0.00251	0.0209	1.88	12/16/2021 14:58	WG1790067
1,4-Dichlorobenzene	U		0.00293	0.0209	1.88	12/16/2021 14:58	WG1790067
Dichlorodifluoromethane	U		0.00672	0.0104	1.88	12/16/2021 14:58	WG1790067
1,1-Dichloroethane	U		0.00205	0.0104	1.88	12/16/2021 14:58	WG1790067
1,2-Dichloroethane	U		0.00271	0.0104	1.88	12/16/2021 14:58	WG1790067
1,1-Dichloroethene	U		0.00253	0.0104	1.88	12/16/2021 14:58	WG1790067
cis-1,2-Dichloroethene	U		0.00306	0.0104	1.88	12/16/2021 14:58	WG1790067
trans-1,2-Dichloroethene	U		0.00435	0.0209	1.88	12/16/2021 14:58	WG1790067
1,2-Dichloropropane	U		0.00593	0.0209	1.88	12/16/2021 14:58	WG1790067
1,1-Dichloropropene	U		0.00337	0.0104	1.88	12/16/2021 14:58	WG1790067
1,3-Dichloropropane	U		0.00209	0.0209	1.88	12/16/2021 14:58	WG1790067
cis-1,3-Dichloropropene	U		0.00315	0.0104	1.88	12/16/2021 14:58	WG1790067
trans-1,3-Dichloropropene	U		0.00475	0.0209	1.88	12/16/2021 14:58	WG1790067
2,2-Dichloropropane	U		0.00575	0.0104	1.88	12/16/2021 14:58	WG1790067
Di-isopropyl ether	U		0.00171	0.00417	1.88	12/16/2021 14:58	WG1790067
Ethylbenzene	U		0.00309	0.0104	1.88	12/16/2021 14:58	WG1790067
Hexachloro-1,3-butadiene	U		0.0251	0.104	1.88	12/16/2021 14:58	WG1790067
Isopropylbenzene	U		0.00177	0.0104	1.88	12/16/2021 14:58	WG1790067
p-Isopropyltoluene	U		0.0106	0.0209	1.88	12/16/2021 14:58	WG1790067
2-Butanone (MEK)	0.475	B C5	0.264	0.417	1.88	12/16/2021 14:58	WG1790067
Methylene Chloride	U		0.0277	0.104	1.88	12/16/2021 14:58	WG1790067
4-Methyl-2-pentanone (MIBK)	U		0.00952	0.104	1.88	12/16/2021 14:58	WG1790067
Methyl tert-butyl ether	U		0.00146	0.00417	1.88	12/16/2021 14:58	WG1790067
Naphthalene	U	C3	0.0204	0.0522	1.88	12/16/2021 14:58	WG1790067
n-Propylbenzene	U		0.00397	0.0209	1.88	12/16/2021 14:58	WG1790067
Styrene	U		0.000957	0.0522	1.88	12/16/2021 14:58	WG1790067
1,1,1,2-Tetrachloroethane	U		0.00395	0.0104	1.88	12/16/2021 14:58	WG1790067
1,1,2,2-Tetrachloroethane	U		0.00291	0.0104	1.88	12/16/2021 14:58	WG1790067

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 8260C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.00315	0.0104	1.88	12/16/2021 14:58	WG1790067
Tetrachloroethene	U		0.00373	0.0104	1.88	12/16/2021 14:58	WG1790067
Toluene	U		0.00542	0.0209	1.88	12/16/2021 14:58	WG1790067
1,2,3-Trichlorobenzene	U		0.0306	0.0522	1.88	12/16/2021 14:58	WG1790067
1,2,4-Trichlorobenzene	U		0.0184	0.0522	1.88	12/16/2021 14:58	WG1790067
1,1,1-Trichloroethane	U		0.00386	0.0104	1.88	12/16/2021 14:58	WG1790067
1,1,2-Trichloroethane	U		0.00249	0.0104	1.88	12/16/2021 14:58	WG1790067
Trichloroethene	U		0.00244	0.00417	1.88	12/16/2021 14:58	WG1790067
Trichlorofluoromethane	U		0.00344	0.0104	1.88	12/16/2021 14:58	WG1790067
1,2,3-Trichloropropane	U		0.00677	0.0522	1.88	12/16/2021 14:58	WG1790067
1,2,4-Trimethylbenzene	U		0.00659	0.0209	1.88	12/16/2021 14:58	WG1790067
1,2,3-Trimethylbenzene	U		0.00659	0.0209	1.88	12/16/2021 14:58	WG1790067
Vinyl chloride	U		0.00484	0.0104	1.88	12/16/2021 14:58	WG1790067
1,3,5-Trimethylbenzene	U		0.00835	0.0209	1.88	12/16/2021 14:58	WG1790067
Xylenes, Total	U		0.00366	0.0271	1.88	12/16/2021 14:58	WG1790067
(S) Toluene-d8	*113*			*75.0-131*		*12/16/2021 14:58*	WG1790067
(S) 4-Bromofluorobenzene	*89.1*			*67.0-138*		*12/16/2021 14:58*	WG1790067
(S) 1,2-Dichloroethane-d4	*93.1*			*70.0-130*		*12/16/2021 14:58*	WG1790067

Method Blank (MB)

(MB) R3741379-1 12/16/21 05:16

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1441893-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1441893-20 12/16/21 05:16 • (DUP) R3741379-3 12/16/21 05:16

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	79.7	79.6	1	0.0879		10

Laboratory Control Sample (LCS)

(LCS) R3741379-2 12/16/21 05:16

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3741375-1 12/16/21 05:08

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1442142-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1442142-02 12/16/21 05:08 • (DUP) R3741375-3 12/16/21 05:08

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	81.6	82.6	1	1.28		10

Laboratory Control Sample (LCS)

(LCS) R3741375-2 12/16/21 05:08

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	99.9	85.0-115	

Method Blank (MB)

(MB) R3741138-2 12/14/21 22:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Acrylonitrile	U		0.000671	0.0100
Benzene	U		0.0000941	0.00100
Bromobenzene	U		0.000118	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
tert-Butylbenzene	U		0.000127	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
2-Chlorotoluene	U		0.000106	0.00100
4-Chlorotoluene	U		0.000114	0.00100
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500
1,2-Dibromoethane	U		0.000126	0.00100
Dibromomethane	U		0.000122	0.00100
1,2-Dichlorobenzene	U		0.000107	0.00100
1,3-Dichlorobenzene	U		0.000110	0.00100
1,4-Dichlorobenzene	U		0.000120	0.00100
Dichlorodifluoromethane	U		0.000374	0.00500
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
1,1-Dichloropropene	U		0.000142	0.00100
1,3-Dichloropropane	U		0.000110	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
2,2-Dichloropropane	U		0.000161	0.00100
Di-isopropyl ether	U		0.000105	0.00100
Ethylbenzene	U		0.000137	0.00100
Hexachloro-1,3-butadiene	U		0.000337	0.00100
Isopropylbenzene	U		0.000105	0.00100

Method Blank (MB)

(MB) R3741138-2 12/14/21 22:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100
1,2,3-Trichlorobenzene	U		0.000230	0.00100
1,2,4-Trichlorobenzene	U		0.000481	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
Trichlorofluoromethane	U		0.000160	0.00500
1,2,3-Trichloropropane	U		0.000237	0.00250
1,2,3-Trimethylbenzene	U		0.000104	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*113*			*80.0-120*
(S) 4-Bromofluorobenzene	*100*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3741138-1 12/14/21 21:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0430	172	19.0-160	J4
Acrylonitrile	0.0250	0.0231	92.4	55.0-149	
Benzene	0.00500	0.00536	107	70.0-123	
Bromobenzene	0.00500	0.00633	127	73.0-121	J4
Bromodichloromethane	0.00500	0.00537	107	75.0-120	

Laboratory Control Sample (LCS)

(LCS) R3741138-1 12/14/21 21:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	0.00500	0.00478	95.6	68.0-132	
Bromomethane	0.00500	0.00670	134	10.0-160	
n-Butylbenzene	0.00500	0.00579	116	73.0-125	
sec-Butylbenzene	0.00500	0.00596	119	75.0-125	
tert-Butylbenzene	0.00500	0.00578	116	76.0-124	
Carbon tetrachloride	0.00500	0.00540	108	68.0-126	
Chlorobenzene	0.00500	0.00510	102	80.0-121	
Chlorodibromomethane	0.00500	0.00531	106	77.0-125	
Chloroethane	0.00500	0.00547	109	47.0-150	
Chloroform	0.00500	0.00569	114	73.0-120	
Chloromethane	0.00500	0.00621	124	41.0-142	
2-Chlorotoluene	0.00500	0.00600	120	76.0-123	
4-Chlorotoluene	0.00500	0.00569	114	75.0-122	
1,2-Dibromo-3-Chloropropane	0.00500	0.00524	105	58.0-134	
1,2-Dibromoethane	0.00500	0.00529	106	80.0-122	
Dibromomethane	0.00500	0.00503	101	80.0-120	
1,2-Dichlorobenzene	0.00500	0.00589	118	79.0-121	
1,3-Dichlorobenzene	0.00500	0.00591	118	79.0-120	
1,4-Dichlorobenzene	0.00500	0.00536	107	79.0-120	
Dichlorodifluoromethane	0.00500	0.00666	133	51.0-149	
1,1-Dichloroethane	0.00500	0.00477	95.4	70.0-126	
1,2-Dichloroethane	0.00500	0.00473	94.6	70.0-128	
1,1-Dichloroethene	0.00500	0.00523	105	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00532	106	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00517	103	73.0-120	
1,2-Dichloropropane	0.00500	0.00506	101	77.0-125	
1,1-Dichloropropene	0.00500	0.00500	100	74.0-126	
1,3-Dichloropropane	0.00500	0.00530	106	80.0-120	
cis-1,3-Dichloropropene	0.00500	0.00502	100	80.0-123	
trans-1,3-Dichloropropene	0.00500	0.00510	102	78.0-124	
2,2-Dichloropropane	0.00500	0.00533	107	58.0-130	
Di-isopropyl ether	0.00500	0.00564	113	58.0-138	
Ethylbenzene	0.00500	0.00499	99.8	79.0-123	
Hexachloro-1,3-butadiene	0.00500	0.00628	126	54.0-138	
Isopropylbenzene	0.00500	0.00495	99.0	76.0-127	
p-Isopropyltoluene	0.00500	0.00580	116	76.0-125	
2-Butanone (MEK)	0.0250	0.0301	120	44.0-160	
Methylene Chloride	0.00500	0.00607	121	67.0-120	J4
4-Methyl-2-pentanone (MIBK)	0.0250	0.0267	107	68.0-142	
Methyl tert-butyl ether	0.00500	0.00538	108	68.0-125	

Laboratory Control Sample (LCS)

(LCS) R3741138-1 12/14/21 21:04

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.00500	0.00516	103	54.0-135	
n-Propylbenzene	0.00500	0.00569	114	77.0-124	
Styrene	0.00500	0.00506	101	73.0-130	
1,1,1,2-Tetrachloroethane	0.00500	0.00497	99.4	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00564	113	65.0-130	
Tetrachloroethene	0.00500	0.00537	107	72.0-132	
Toluene	0.00500	0.00517	103	79.0-120	
1,1,2-Trichlorotrifluoroethane	0.00500	0.00596	119	69.0-132	
1,2,3-Trichlorobenzene	0.00500	0.00507	101	50.0-138	
1,2,4-Trichlorobenzene	0.00500	0.00523	105	57.0-137	
1,1,1-Trichloroethane	0.00500	0.00571	114	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00513	103	80.0-120	
Trichloroethene	0.00500	0.00475	95.0	78.0-124	
Trichlorofluoromethane	0.00500	0.00564	113	59.0-147	
1,2,3-Trichloropropane	0.00500	0.00605	121	73.0-130	
1,2,3-Trimethylbenzene	0.00500	0.00585	117	77.0-120	
1,2,4-Trimethylbenzene	0.00500	0.00594	119	76.0-121	
1,3,5-Trimethylbenzene	0.00500	0.00580	116	76.0-122	
Vinyl chloride	0.00500	0.00526	105	67.0-131	
Xylenes, Total	0.0150	0.0153	102	79.0-123	
(S) Toluene-d8			*109*	*80.0-120*	
(S) 4-Bromofluorobenzene			*103*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*109*	*70.0-130*	

Method Blank (MB)

(MB) R3741456-2 12/16/21 03:31

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acrolein	U		0.00254	0.0500
(S) Toluene-d8	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*106*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*126*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3741456-1 12/16/21 02:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acrolein	0.0250	0.0264	106	10.0-160	
(S) Toluene-d8			*110*	*80.0-120*	
(S) 4-Bromofluorobenzene			*108*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*129*	*70.0-130*	

Method Blank (MB)

(MB) R3741585-3 12/16/21 09:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00250
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R3741585-3 12/16/21 09:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	0.0875	J	0.0635	0.100
Methylene Chloride	0.00903	J	0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*118*			*75.0-131*
(S) 4-Bromofluorobenzene	*94.4*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*88.9*			*70.0-130*

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

(LCS) R3741585-1 12/16/21 07:57 • (LCSD) R3741585-2 12/16/21 08:16

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.557	0.491	89.1	78.6	10.0-160			12.6	31
Acrylonitrile	0.625	0.649	0.590	104	94.4	45.0-153			9.52	22
Benzene	0.125	0.120	0.119	96.0	95.2	70.0-123			0.837	20
Bromobenzene	0.125	0.133	0.135	106	108	73.0-121			1.49	20
Bromodichloromethane	0.125	0.126	0.127	101	102	73.0-121			0.791	20

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

(LCS) R3741585-1 12/16/21 07:57 • (LCSD) R3741585-2 12/16/21 08:16

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.134	0.126	107	101	64.0-132			6.15	20
Bromomethane	0.125	0.125	0.123	100	98.4	56.0-147			1.61	20
n-Butylbenzene	0.125	0.136	0.133	109	106	68.0-135			2.23	20
sec-Butylbenzene	0.125	0.150	0.155	120	124	74.0-130			3.28	20
tert-Butylbenzene	0.125	0.151	0.156	121	125	75.0-127			3.26	20
Carbon tetrachloride	0.125	0.130	0.134	104	107	66.0-128			3.03	20
Chlorobenzene	0.125	0.122	0.120	97.6	96.0	76.0-128			1.65	20
Chlorodibromomethane	0.125	0.133	0.130	106	104	74.0-127			2.28	20
Chloroethane	0.125	0.117	0.110	93.6	88.0	61.0-134			6.17	20
Chloroform	0.125	0.119	0.121	95.2	96.8	72.0-123			1.67	20
Chloromethane	0.125	0.0952	0.0934	76.2	74.7	51.0-138			1.91	20
2-Chlorotoluene	0.125	0.140	0.146	112	117	75.0-124			4.20	20
4-Chlorotoluene	0.125	0.138	0.142	110	114	75.0-124			2.86	20
1,2-Dibromo-3-Chloropropane	0.125	0.121	0.119	96.8	95.2	59.0-130			1.67	20
1,2-Dibromoethane	0.125	0.135	0.127	108	102	74.0-128			6.11	20
Dibromomethane	0.125	0.122	0.119	97.6	95.2	75.0-122			2.49	20
1,2-Dichlorobenzene	0.125	0.123	0.126	98.4	101	76.0-124			2.41	20
1,3-Dichlorobenzene	0.125	0.130	0.128	104	102	76.0-125			1.55	20
1,4-Dichlorobenzene	0.125	0.115	0.128	92.0	102	77.0-121			10.7	20
Dichlorodifluoromethane	0.125	0.149	0.137	119	110	43.0-156			8.39	20
1,1-Dichloroethane	0.125	0.119	0.117	95.2	93.6	70.0-127			1.69	20
1,2-Dichloroethane	0.125	0.118	0.113	94.4	90.4	65.0-131			4.33	20
1,1-Dichloroethene	0.125	0.115	0.112	92.0	89.6	65.0-131			2.64	20
cis-1,2-Dichloroethene	0.125	0.119	0.122	95.2	97.6	73.0-125			2.49	20
trans-1,2-Dichloroethene	0.125	0.120	0.116	96.0	92.8	71.0-125			3.39	20
1,2-Dichloropropane	0.125	0.125	0.121	100	96.8	74.0-125			3.25	20
1,1-Dichloropropene	0.125	0.125	0.123	100	98.4	73.0-125			1.61	20
1,3-Dichloropropane	0.125	0.127	0.121	102	96.8	80.0-125			4.84	20
cis-1,3-Dichloropropene	0.125	0.134	0.129	107	103	76.0-127			3.80	20
trans-1,3-Dichloropropene	0.125	0.136	0.136	109	109	73.0-127			0.000	20
2,2-Dichloropropane	0.125	0.110	0.120	88.0	96.0	59.0-135			8.70	20
Di-isopropyl ether	0.125	0.110	0.110	88.0	88.0	60.0-136			0.000	20
Ethylbenzene	0.125	0.127	0.124	102	99.2	74.0-126			2.39	20
Hexachloro-1,3-butadiene	0.125	0.151	0.159	121	127	57.0-150			5.16	20
Isopropylbenzene	0.125	0.135	0.128	108	102	72.0-127			5.32	20
p-Isopropyltoluene	0.125	0.150	0.150	120	120	72.0-133			0.000	20
2-Butanone (MEK)	0.625	0.774	0.722	124	116	30.0-160			6.95	24
Methylene Chloride	0.125	0.118	0.118	94.4	94.4	68.0-123			0.000	20
4-Methyl-2-pentanone (MIBK)	0.625	0.667	0.636	107	102	56.0-143			4.76	20
Methyl tert-butyl ether	0.125	0.122	0.121	97.6	96.8	66.0-132			0.823	20

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

(LCS) R3741585-1 12/16/21 07:57 • (LCSD) R3741585-2 12/16/21 08:16

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.0993	0.108	79.4	86.4	59.0-130			8.39	20
n-Propylbenzene	0.125	0.141	0.148	113	118	74.0-126			4.84	20
Styrene	0.125	0.132	0.127	106	102	72.0-127			3.86	20
1,1,1,2-Tetrachloroethane	0.125	0.128	0.123	102	98.4	74.0-129			3.98	20
1,1,2,2-Tetrachloroethane	0.125	0.123	0.131	98.4	105	68.0-128			6.30	20
Tetrachloroethene	0.125	0.135	0.129	108	103	70.0-136			4.55	20
Toluene	0.125	0.126	0.122	101	97.6	75.0-121			3.23	20
1,1,2-Trichlorotrifluoroethane	0.125	0.137	0.139	110	111	61.0-139			1.45	20
1,2,3-Trichlorobenzene	0.125	0.134	0.144	107	115	59.0-139			7.19	20
1,2,4-Trichlorobenzene	0.125	0.123	0.128	98.4	102	62.0-137			3.98	20
1,1,1-Trichloroethane	0.125	0.125	0.130	100	104	69.0-126			3.92	20
1,1,2-Trichloroethane	0.125	0.134	0.127	107	102	78.0-123			5.36	20
Trichloroethene	0.125	0.125	0.124	100	99.2	76.0-126			0.803	20
Trichlorofluoromethane	0.125	0.128	0.118	102	94.4	61.0-142			8.13	20
1,2,3-Trichloropropane	0.125	0.137	0.139	110	111	67.0-129			1.45	20
1,2,3-Trimethylbenzene	0.125	0.132	0.129	106	103	74.0-124			2.30	20
1,2,4-Trimethylbenzene	0.125	0.139	0.142	111	114	70.0-126			2.14	20
1,3,5-Trimethylbenzene	0.125	0.140	0.146	112	117	73.0-127			4.20	20
Vinyl chloride	0.125	0.115	0.116	92.0	92.8	63.0-134			0.866	20
Xylenes, Total	0.375	0.405	0.379	108	101	72.0-127			6.63	20
(S) Toluene-d8				*110*	*108*	*75.0-131*				
(S) 4-Bromofluorobenzene				*99.3*	*98.4*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*100*	*100*	*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	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.
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.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
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:
CODA Consulting Group - Fort Worth, TX

3023 S. University Drive, Ste 220

Billing Information:
Attn: Accounts Payable
3023 S. University Dr., Ste. 220
Fort Worth, TX 76109

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 3

Pace Analytical®

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Report to:
Mr. Mark krueger

Email To: **mkrueger@codaconsults.com**

Project Description: 16750 Woodinville Redmond

City/State Collected: Woodinville, WA

Please Circle: PT MT CT ET

Phone: ~~972-849-4851~~ 630-280-7577

Client Project # 21-2887

Lab Project # CODAFWTX-WASHINGTON

SDG # L1441893

Table #

Collected by (print): Mark Krueger

Site/Facility ID # TRIO Woodinville

P.O. # 21-2887

Acctnum: **CODAFWTX**

Template: **T200315**

Prelogin: **P891869**

PM: **034 - Craig Cothron**

PB:

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: 12/15/21

Immediately Packed on Ice N ___ Y X

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TS 4ozClr-NoPres	V8260C 40mlAmb-HCl	V8260C 40mlAmb/MeOH10ml/Syr CVOC							Remarks	Sample # (lab only)
B-1	G	SS	10-15	12/9/21	09:35	2	X		X								-17
B-2	G	SS	10-15	12/9/21	10:25	2	X		X								-18
B-3	G	SS	10-15	12/9/21		2	X		X								-19
B-4	G	SS	10-15	12/9/21	12:10	2	X		X								-20
B-5	G	SS	10-15	12/9/21	13:10	2	X		X								-21
B-6	G	SS	10-15	12/9/21	14:00	2	X		X								-22
B-7	G	SS	10-15	12/9/21	15:10	2	X		X								-23
B-8	G	SS	10-15	12/9/21	16:25	2	X		X								-24
B-1W	G	GW	—	12/9/21		3		X									-01
B-2W	G	GW	—	12/9/21		3		X									-02

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

Remarks: Analyze for only Chorlinated VOCs (CVOCs)

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist

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

Relinquished by : (Signature)	Date: 12/10/21	Time: 16:00	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1° +0=2.1 °C Bottles Received:	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/15/21 Time: 0900	Hold: / Condition: NCF / OK

Company Name/Address:
CODA Consulting Group - Fort Worth, TX

3023 S. University Drive, Ste 220

Billing Information:
Attn: Accounts Payable
3023 S. University Dr., Ste. 220
Fort Worth, TX 76109

Report to:
Mr. Mark krueger

Email To: **mkrueger@codaconsults.com**

Project Description:
16750 Woodinville Redmond

City/State Collected: Woodinville WA

Please Circle: PT MT CT ET

Phone: ~~972-849-4851~~ 630-280-7577

Client Project #
21-2887

Lab Project #
CODAFWTX-WASHINGTON

Collected by (print):
Mark Krueger

Site/Facility ID #
TRIO Woodinville

P.O. #
21-2887

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Quote #

Date Results Needed
12/15/21

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Pres Chk	TS 4ozClr-NoPres	V8260C 40mlAmb-HCl CVOC	V8260C 40mlAmb/MeOH10ml/Syr CVOC								Remarks	Sample # (lab only)
B-3W	G	GW	—	12/9/21	11:30	3			X										-03
B-4W	G	GW	—	12/9/21	12:30	3			X										-04
B-5W	G	GW	—	12/9/21	13:18	3			X										-05
B-6W	G	GW	—	12/9/21	14:10	3			X										-06
B-7W	G	GW	—	12/9/21	15:40	3			X										-07
B-8W	G	GW	—	12/9/21		3			X										-08
		GW				3			X										
		GW				3			X										

Analysis / Container / Preservative

Chain of Custody Page 3 of 3

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SDG # L1441813

Table #

Acctnum: **CODAFWTX**

Template: **T200315**

Prelogin: **P891869**

PM: **034 - Craig Cothron**

PB:

Shipped Via: **FedEX Ground**

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

Remarks: Analyze for CVOC

pH ___ Temp ___

Flow ___ Other ___

Samples returned via:
__ UPS __ FedEx __ Courier ___

Tracking #

Sample Receipt Checklist

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

Relinquished by: (Signature)	Date: 12/10/21	Time: 16:00	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 7.1+0=7.1°C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12-14-21 Time: 900

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Company Name/Address:
CODA Consulting Group - Fort Worth, TX

3023 S. University Drive, Ste 220

Billing Information:
Attn: Accounts Payable
3023 S. University Dr., Ste. 220
Fort Worth, TX 76109

Pres Chk

Report to:
Mr. Mark krueger

Email To: **mkrueger@codaconsults.com**

Project Description: Woodinville

City/State Collected: Woodinville WA

Please Circle: PT MT CT ET

Phone: 972-849-4851 630-280-7577

Client Project # 21-2887

Lab Project # CODAFWTX-WASHINGTON

Collected by (print): Mark Krueger

Site/Facility ID # Woodinville, WA

P.O. # 21-2887

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y X

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

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TS 4ozClr-NoPres	V8260C 40mlAmb-HCl	V8260C 40mlAmb/MeOH10ml/Syr CVOC								Remarks	Sample # (lab only)
B-10-1	G	SS	0-5	12/10/21	11:18	2	X		X									-11
B-10-2	G	SS	10-15	12/10/21	11:30	2	X		X									-12
B-11-1	G	SS	0-5	12/10/21	11:55	2	X		X									-13
B-11-2	G	SS	10-15	12/10/21	12:10	2	X		X									-14
B-12-1	G	SS	0-5	12/10/21	13:25	2	X		X									-15
B-12-2	G	SS	10-15	12/10/21	13:35	2	X		X									-16
		SS				2	X		X									
		SS				2	X		X									
		SS				2	X		X									
		SS				2	X		X									

Analysis / Container / Preservative

Chain of Custody Page 1 of 3

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SDG # L1441893

Table #

Acctnum: CODAFWTX

Template: T200315

Prelogin: P891869

PM: 034 - Craig Cothron

PB:

Shipped Via: FedEx Ground

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

Remarks: Analy for CVOC

pH ___ Temp ___

Flow ___ Other ___

Samples returned via: __ UPS __ FedEx __ Courier ___

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	12/10/21	1610			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1°C to 2.1°C Bottles Received:	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12-14-21 Time: 0900	Hold: / Condition: NCF / OK

12/14/21 - NCF L1441893 CODAFWTX

R5

Time estimate: oh **Time spent:** oh

Members

Matthew Shacklock (responsible) CC Craig Cothron

- [ ] Login Clarification needed
- [ ] Chain of custody is incomplete
- [ ] Please specify Metals requested
- [ ] Please specify TCLP requested
- [ ] Received additional samples not listed on COC
- [ ] Sample IDs on containers do not match IDs on COC
- [ ] Client did not "X" analysis
- [x] Chain of Custody is missing
- [x] If no COC: Received by:_Matt Shacklock
- [x] If no COC: Date/Time:_12/14/21 0900
- [x] If no COC: Temp./Cont.Rec./pH:_3.0 / 30 vials
- [x] If no COC: Carrier:_Fed Ex
- [x] If no COC: Tracking #:_534978152769
- [ ] Client informed by call
- [x] Client informed by Email
- [ ] Client informed by Voicemail
- [x] Date/Time:_12/14/21 1650_____
- [x] PM initials:_____cc
- [x] Client Contact:____Mark Krueger_____

Comments

Matthew Shacklock *14 December 2021 3:33 PM*

Logged per T number.

Craig Cothron *14 December 2021 4:54 PM*

Please use attached COC for GW

Troy Dunlap *15 December 2021 12:27 PM*

Received 2nd cooler and added.
1.) Received B9-W, B11-W and B-9 not listed on the COC.

Craig Cothron *15 December 2021 2:13 PM*

Log for same analysis as other samples. These were collected 12/10/21

Matthew Shacklock *15 December 2021 3:13 PM*

Done

ANALYTICAL REPORT

December 17, 2021

CODA Consulting Group - Fort Worth, TX

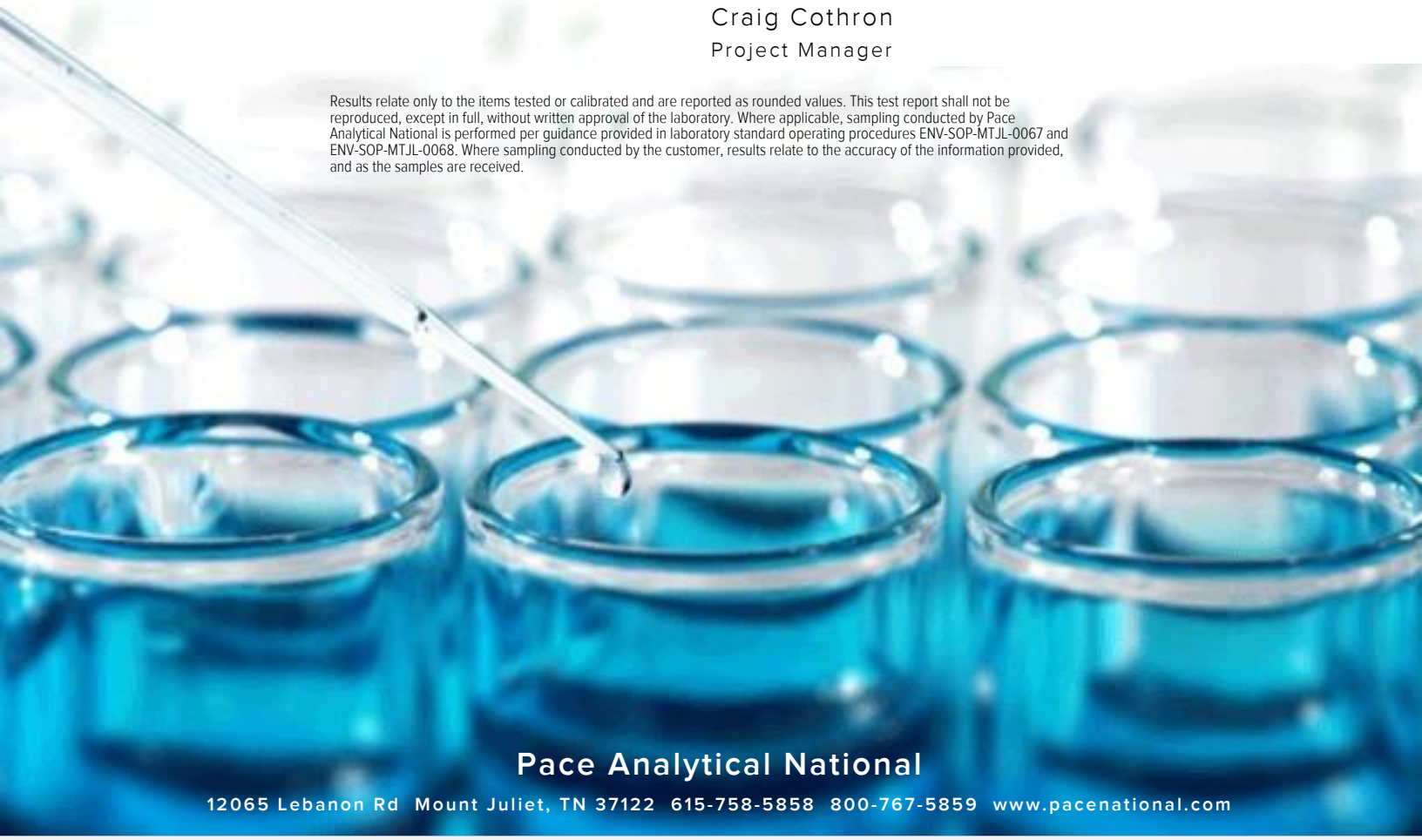
Sample Delivery Group:	L1441845
Samples Received:	12/14/2021
Project Number:	21-2887
Description:	Woodinville

Report To:

Mr. Mark krueger
3023 S. University Drive, Ste 220
Fort Worth, TX 76109

Entire Report Reviewed By:

Craig Cothron
Project Manager



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SAMPLE SUMMARY

B-10SG L1441845-01 Air

Collected by: Mark K.
Collected date/time: 12/10/21 11:05
Received date/time: 12/14/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1789734	1	12/15/21 12:23	12/15/21 12:23	DAH	Mt. Juliet, TN

B-12SG L1441845-02 Air

Collected by: Mark K.
Collected date/time: 12/10/21 13:02
Received date/time: 12/14/21 10:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1789734	1	12/15/21 13:04	12/15/21 13:04	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1790417	20	12/16/21 15:14	12/16/21 15:14	DAH	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.

Craig Cothron
Project Manager

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1789734
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1789734
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1789734
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1789734
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1789734
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1789734
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1789734
Chloromethane	74-87-3	50.50	0.200	0.413	0.483	0.998		1	WG1789734
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1789734
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1789734
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1789734
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1789734
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1789734
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1789734
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1789734
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1789734
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1789734
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1789734
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1789734
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1789734
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1789734
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.215	1.21		1	WG1789734
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.339	1.68		1	WG1789734
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1789734
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1789734
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1789734
Methylene Chloride	75-09-2	84.90	0.200	0.694	2.04	7.08		1	WG1789734
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1789734
Tetrachloroethylene	127-18-4	166	0.200	1.36	1.03	6.99		1	WG1789734
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1789734
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1789734
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1789734
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1789734
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1789734
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*97.7*				WG1789734

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1789734
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1789734
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1789734
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1789734
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1789734
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1789734
Chloroform	67-66-3	119	0.200	0.973	5.32	25.9		1	WG1789734
Chloromethane	74-87-3	50.50	0.200	0.413	5.26	10.9		1	WG1789734
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1789734
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1789734
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1789734
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1789734
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1789734
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1789734
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1789734
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1789734
cis-1,2-Dichloroethene	156-59-2	96.90	4.00	15.9	1100	4360		20	WG1790417
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	51.0	202		1	WG1789734
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1789734
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1789734
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1789734
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1789734
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	ND	ND		1	WG1789734
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1789734
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1789734
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1789734
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1789734
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1789734
Tetrachloroethylene	127-18-4	166	0.200	1.36	90.6	615		1	WG1789734
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1789734
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1789734
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1789734
Trichloroethylene	79-01-6	131	0.200	1.07	13.1	70.2		1	WG1789734
Vinyl chloride	75-01-4	62.50	0.200	0.511	31.8	81.3		1	WG1789734
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*102*				WG1789734
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*91.3*				WG1790417

Method Blank (MB)

(MB) R3741137-3 12/15/21 10:27

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Allyl Chloride	U		0.114	0.200
Benzyl Chloride	U		0.0598	0.200
Bromodichloromethane	U		0.0702	0.200
Carbon tetrachloride	U		0.0732	0.200
Chlorobenzene	U		0.0832	0.200
Chloroethane	U		0.0996	0.200
Chloroform	U		0.0717	0.200
Chloromethane	U		0.103	0.200
2-Chlorotoluene	U		0.0828	0.200
Dibromochloromethane	U		0.0727	0.200
1,2-Dichlorobenzene	U		0.128	0.200
1,3-Dichlorobenzene	U		0.182	0.200
1,4-Dichlorobenzene	U		0.0557	0.200
1,2-Dichloroethane	U		0.0700	0.200
1,1-Dichloroethane	U		0.0723	0.200
1,1-Dichloroethene	U		0.0762	0.200
cis-1,2-Dichloroethene	U		0.0784	0.200
trans-1,2-Dichloroethene	U		0.0673	0.200
1,2-Dichloropropane	U		0.0760	0.200
cis-1,3-Dichloropropene	U		0.0689	0.200
trans-1,3-Dichloropropene	U		0.0728	0.200
Trichlorofluoromethane	U		0.0819	0.200
Dichlorodifluoromethane	U		0.137	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0793	0.200
1,2-Dichlorotetrafluoroethane	U		0.0890	0.200
Hexachloro-1,3-butadiene	U		0.105	0.630
Methylene Chloride	U		0.0979	0.200
1,1,2,2-Tetrachloroethane	U		0.0743	0.200
Tetrachloroethylene	U		0.0814	0.200
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0736	0.200
1,1,2-Trichloroethane	U		0.0775	0.200
Trichloroethylene	U		0.0680	0.200
Vinyl chloride	U		0.0949	0.200
(S) 1,4-Bromofluorobenzene	*95.3*			*60.0-140*

QUALITY CONTROL SUMMARY

L1441845-01,02

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

(LCS) R3741137-1 12/15/21 09:04 • (LCSD) R3741137-2 12/15/21 09:47

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dichlorodifluoromethane	3.75	3.49	3.48	93.1	92.8	64.0-139			0.287	25
1,2-Dichlorotetrafluoroethane	3.75	3.79	3.79	101	101	70.0-130			0.000	25
Chloromethane	3.75	3.47	3.43	92.5	91.5	70.0-130			1.16	25
Vinyl chloride	3.75	3.55	3.48	94.7	92.8	70.0-130			1.99	25
Chloroethane	3.75	3.49	3.51	93.1	93.6	70.0-130			0.571	25
Trichlorofluoromethane	3.75	3.93	3.90	105	104	70.0-130			0.766	25
1,1,2-Trichlorotrifluoroethane	3.75	3.85	3.77	103	101	70.0-130			2.10	25
1,1-Dichloroethene	3.75	3.65	3.64	97.3	97.1	70.0-130			0.274	25
1,1-Dichloroethane	3.75	3.63	3.56	96.8	94.9	70.0-130			1.95	25
Methylene Chloride	3.75	3.58	3.53	95.5	94.1	70.0-130			1.41	25
trans-1,2-Dichloroethene	3.75	3.71	3.64	98.9	97.1	70.0-130			1.90	25
cis-1,2-Dichloroethene	3.75	3.59	3.60	95.7	96.0	70.0-130			0.278	25
Chloroform	3.75	3.81	3.78	102	101	70.0-130			0.791	25
1,1,1-Trichloroethane	3.75	3.99	3.96	106	106	70.0-130			0.755	25
Carbon tetrachloride	3.75	3.98	3.99	106	106	70.0-130			0.251	25
1,2-Dichloroethane	3.75	3.91	4.00	104	107	70.0-130			2.28	25
Trichloroethylene	3.75	3.88	3.86	103	103	70.0-130			0.517	25
1,2-Dichloropropane	3.75	3.64	3.63	97.1	96.8	70.0-130			0.275	25
Bromodichloromethane	3.75	4.00	3.98	107	106	70.0-130			0.501	25
cis-1,3-Dichloropropene	3.75	3.77	3.77	101	101	70.0-130			0.000	25
trans-1,3-Dichloropropene	3.75	3.92	3.87	105	103	70.0-130			1.28	25
1,1,2-Trichloroethane	3.75	3.87	3.87	103	103	70.0-130			0.000	25
Tetrachloroethylene	3.75	4.01	3.99	107	106	70.0-130			0.500	25
Dibromochloromethane	3.75	4.08	4.01	109	107	70.0-130			1.73	25
Chlorobenzene	3.75	3.94	3.95	105	105	70.0-130			0.253	25
1,1,2,2-Tetrachloroethane	3.75	3.78	3.73	101	99.5	70.0-130			1.33	25
1,3-Dichlorobenzene	3.75	3.93	3.81	105	102	70.0-130			3.10	25
1,4-Dichlorobenzene	3.75	3.97	3.87	106	103	70.0-130			2.55	25
Benzyl Chloride	3.75	3.86	3.80	103	101	70.0-152			1.57	25
1,2-Dichlorobenzene	3.75	3.84	3.87	102	103	70.0-130			0.778	25
1,2,4-Trichlorobenzene	3.75	4.10	4.05	109	108	70.0-160			1.23	25
Hexachloro-1,3-butadiene	3.75	4.16	4.15	111	111	70.0-151			0.241	25
Allyl Chloride	3.75	3.49	3.62	93.1	96.5	70.0-130			3.66	25
2-Chlorotoluene	3.75	3.81	3.82	102	102	70.0-130			0.262	25
(S) 1,4-Bromofluorobenzene				*98.1*	*96.7*	*60.0-140*				

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

Method Blank (MB)

(MB) R3741490-3 12/16/21 09:50

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
cis-1,2-Dichloroethene	U		0.0784	0.200
(S) 1,4-Bromofluorobenzene	*91.3*			*60.0-140*

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

(LCS) R3741490-1 12/16/21 08:48 • (LCSD) R3741490-2 12/16/21 09:20

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
cis-1,2-Dichloroethene	3.75	3.09	2.88	82.4	76.8	70.0-130			7.04	25
(S) 1,4-Bromofluorobenzene				*98.0*	*98.6*	*60.0-140*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier	Description
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

Company Name/Address:
CODA Consulting Group - Fort Worth, TX

3023 S. University Drive, Ste 220

Billing Information:
Attn: Accounts Payable
3023 S. University Dr., Ste. 220
Fort Worth, TX 76109

Pres Chk

Report to:
Mr. Mark krueger

Email To: mkrueger@codaconsults.com

Project Description: ~~B750~~ Woodinville

City/State Collected: Woodinville WA

Please Circle: PT MT CT ET

Phone: ~~972-849-4851~~ 630-280-7577

Client Project # 21-2887

Lab Project # CODAFWTX-WASHINGTON

Collected by (print): Mark Krueger

Site/Facility ID #

P.O. # 21-2887

Collected by (signature):

Immediately Packed on Ice N X Y ___

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

Quote #

Date Results Needed

Analysis / Container / Preservative

TO-15 Summa CVOC

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs		Remarks	Sample # (lab only)
B-105G	G	Air	4'	12/10/21	11:05	1	X		01
B-128G	G	Air	4'	12/10/21	13:02	1	X		02
		Air				1	X		
		Air				1	X		

Chain of Custody Page ___ of ___

Pace Analytical®

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 # L1441815

1172

Acctnum: CODAFWTX

Template: T200314

Prelogin: P891865

PM: 034 - Craig Cothron

PB: CSL 12/07/21

Shipped Via: FedEX Ground

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

Remarks: Analyze for Chlorinated VOCs (CVOC)

pH ___ Temp ___

Flow ___ Other ___

Samples returned via:
__ UPS __ FedEx __ Courier ___

Tracking # 643383822648

Sample Receipt Checklist

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

	Date:	Time:		
Relinquished by: (Signature)	12/10/21	15:40	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: Amb 2+2 empty
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12/14/21 Time: 1000

If preservation required by Login: Date/Time

Hold:

Condition: NCF OK