



Forsyth County Recycling & Solid Waste Department

SAMUEL B. BUCKLES, Environmental Scientist Manager

March 20, 2025

Mr. David DuBose
Georgia Department of Natural Resources
Environmental Protection Division
Solid Waste Management Program
4244 International Parkway, Suite 104
Atlanta, Georgia 30354-3906

RE: Second 2024 Semi-Annual Groundwater & Surface Water Monitoring Report
Forsyth County – Hightower Landfill
Permit Nos. 058-006D(SL), 058-009(SL) and
Permit No. 058-010D(SL)
Forsyth County

Dear Mr. DuBose:

In accordance with the Georgia EPD Rules and Regulations for Solid Waste Management, Chapter 391-3-4, and the Site's Corrective Action Plan, Forsyth County is submitting the attached Semi-Annual Groundwater & Surface Water Monitoring Report prepared by Atlantic Coast Consulting, Inc. (ACC).

You can reach me at email at sbbuckles@forsythco.com if you would like to touch base or discuss, or Charles Adams with ACC at charles.adams@atlcc.net.

Sincerely,



FORSYTH COUNTY – HIGHTOWER ROAD LANDFILL

Second 2024 Groundwater & Surface Water Monitoring Report

BALLGROUND, GEORGIA, 30107

PERMIT #s: 058-006D(L), 058-009D(SL), 058-010D(SL)

MARCH 2025



Prepared By:

Atlantic Coast Consulting, Inc.

11545 Wills Road, Suite 100

Alpharetta, GA 30009

Certification

I, Charles Adams, certify that I am a qualified groundwater scientist demonstrated by a Georgia state registered professional geologist certification. I have sufficient training and experience in groundwater hydrology and related fields to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport. I further certify that the data in this report have been prepared by me or a subordinate working under my direction.



Charles Adams, P.G.

Project Manager

Georgia P.G. Number: 1632

This compliance statement is provided in accordance with Rules of Georgia Solid Waste Management 391-3-4-.07(3)(v). This Second 2024 Semi-Annual Groundwater & Surface Water Monitoring Report is provided to document results of the current sampling event at the Forsyth County – Hightower Road Municipal Solid Waste Landfill (MSWLF). As documented in this report, during the sampling event, there were constituent concentrations above established compliance standards. Therefore, as a qualified groundwater scientist, I certify that these constituents are not in compliance with established standards as documented herein. The facility complies with appropriate Georgia Rules of Solid Waste Management, because Assessment of Corrective Measures (ACM) Studies have been completed, and a Corrective Action Plan (CAP) is being implemented.

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SECTION 1: INTRODUCTION

On behalf of Forsyth County, Georgia, Atlantic Coast Consulting, Inc. (ACC) is providing this Semi-Annual Groundwater & Surface Water Monitoring Report for the Hightower Road MSWLF. The purpose of this report is to provide a summary and evaluation of the results of the recent groundwater and surface water monitoring event, which is required by the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management 391-3-4-.14. This report includes a professional geologist certification and compliance statement, a summary of site conditions, a description of sampling and analysis, a potentiometric map based on groundwater level measurements recorded during this monitoring event, determination of groundwater flow rate and direction, a summary of analytical results, and a statistical analysis of the analytical data.

SECTION 2: BACKGROUND

2.1 Site Description

The Forsyth County – Hightower Road Landfill is a closed MSWLF consisting of four phases (Phases I through IV) located in northwest Forsyth County, Georgia. Phases I and II operated under EPD Solid Waste Handling Permit No. 058-006D(L) from 1986 until 1994, Phase III under EPD Solid Waste Handling Permit No. 058-009D(SL) from 1991 until 1995, and Phase IV under EPD Solid Waste Handling Permit No. 058-010D(SL) from 1993 until 1997. Closure activities for the entire facility were completed in 1999.

2.2 Site History

An ACM report completed in 2004 concluded that the source of volatile organic compounds (VOCs) in groundwater at the facility was primarily due to landfill gas (LFG), and various means of reducing LFG impacts to groundwater were evaluated. The ACM proposed a combination of monitored natural attenuation (MNA) and LFG migration control to remediate the site. Forsyth County subsequently held a public meeting to review the ACM results and solicit comments from the public regarding the selection of corrective measures. After completion of the public comment phase, corrective measures that were demonstrated to meet the requirements of Georgia Rule 391-3-4-.14(39) in the ACM were selected for long-term implementation at the facility. The measures consist of MNA and LFG migration control. The ACM was approved by EPD in 2005.

ACC submitted the interim CAP to EPD for review in January 2007. The interim CAP proposed the implementation of MNA from the ACM, as well as the installation of several LFG interceptor vent trenches and the retrofitting of a passive vacuum source (individual turbines) to the existing in-waste gas vents. Three LFG interceptor trenches were completed in late 2007 and have reduced methane gas concentrations in methane monitoring wells. A final CAP was submitted to EPD in July 2008 and presented a milestone schedule for implementing further corrective actions. The EPD conditionally approved the *Request for Minor Modification to Solid Waste Handling Permit* that added the CAP to the permit (pending submittal of remedial cost information), and annual MNA groundwater sampling was initiated during the second 2007 monitoring event. In response to the conditional approval of the CAP, a table summarizing actual and estimated remedial costs for the corrective action program and a revised CAP implementation schedule were submitted to EPD March 12, 2009. In accordance with this updated CAP schedule, Corrective Measures Status Evaluation Reports are completed every three years and include evaluations of the selected long-term remedies.

The CAP requires sampling of MNA parameters from select monitoring wells on an annual basis. MNA sampling began with the second 2007 monitoring event. These MNA parameters include alkalinity (total),

chloride, carbon dioxide, dissolved oxygen, ferrous iron, nitrate, oxidation-reduction potential, sulfate, and total dissolved solids. Table A presents a summary of the current analytical scopes for all CAP-required monitoring locations. The CAP-prescribed schedule for review of MNA data is on a triennial basis. The first MNA/CAP review was completed during the second 2010 monitoring event, and subsequent reviews were completed during the second 2013, second 2016, second 2019, and second 2022 monitoring events. The reviews are submitted to EPD as attachments to the second semi-annual groundwater monitoring reports.

Forsyth County submitted a *Request for Minor Modification to Solid Waste Handling Permit* for a gas extraction system in September 2009. That design included replacing six passive vents with vertical gas extraction wells equipped with solar-powered flare/blower units (the vents included two vents in Phase I and four vents in Phase II). This design was approved by EPD on April 15, 2010. Forsyth County has implemented this design, and the installation certification report was submitted to EPD on October 14, 2011.

Off-site well W-3 was abandoned in May 2014 and off-site well W-2 was abandoned in September 2014. The sampling requirements for off-site wells W-2 and W-3 were removed from the permit via a *Request for Minor Modification to Solid Waste Handling Permit*, which was approved by EPD June 16, 2015.

Forsyth County submitted a March 2017 *Request for Minor Modification to Solid Waste Handling Permit* to remove all off-site sampling requirements from the permit for two off-site water wells (W-1 and W-4) and two “springs” (S-1 and S-2), based on a 13-year history of sampling analysis, with no confirmed VOC detections in well samples or spring samples, and only sporadic detections of naturally occurring metals barium, copper, and/or zinc in off-site well samples. The March 2017 *Request for Minor Modification* also included an adjustment to the frequency for full Appendix II analyte monitoring to correspond with triennial corrective measures status evaluation reports. EPD approved the permit modification on April 20, 2017.

Forsyth County provided adjacent property owner and public notification of sample results above groundwater protection standards (GWPS) in two wells along the northern property boundary in accordance with Georgia Rule 391-3-4-.17(6) and EPD correspondence dated April 25, 2017. A copy of the publisher’s affidavit for the newspaper notice and adjacent property owner notifications were provided to EPD July 7, 2017, October 2, 2017, and April 24, 2018. Future public notifications will also be submitted to EPD, if required.

Forsyth County has conducted pilot tests to evaluate the effectiveness of encapsulated potassium permanganate (KMnO₄) in reducing VOCs in groundwater near delineation wells AMW-12 and AMW-12R and at Phase 1, near monitoring wells PH1-GWC-3 and PH1-GWC-3A. Both pilot tests are complete and work was conducted under the EPD-approved Underground Injection Control (UIC) Permit No. GAW000753. This pilot test/UIC permit is the result of a multi-year process to evaluate enhancing the groundwater CAP. The pilot test for selected remedy has been evaluated through the feasibility assessment process and implemented per the November 24, 2020, *Groundwater Pilot Test Work Plan*, submitted as Georgia EPD Online System (GEOS) Submittal ID: 519457. The pilot test at Phase I for this remedy was implemented in accordance with the November 17, 2022, *Pilot Test B Work Plan*, submitted in GEOS as Submittal ID: 713601.

As part of the UIC permit requirements, quarterly reports on the pilot tests were submitted to the EPD Watershed Protection Branch. This semi-annual groundwater monitoring report, conducted under the solid waste permit, will also be submitted to the EPD Watershed Protection Branch as part of the UIC permit requirement.

A minor modification, GEOS Submittal 588643, approved by EPD September 24, 2021, was provided to update the facility environmental monitoring network to show temporary wells installed under the UIC permit and to depict the location of flare PH2-MV05 and methane barpunch location MM-11R.

2.3 Hydrogeology

The site is divided into two different lithologies by the Allatoona Fault, which runs through the northwest section of the site. All four phases of the landfill are located to the southeast of this fault and are underlain by the Canton formation. The Canton formation is considered to be the inner-most belt of the Piedmont physiographic province; belts to the northwest of this formation are designated as part of the Blue Ridge physiographic province. The Canton formation is composed of carbonaceous/graphitic, garnetiferous mica schist inter-layered with amphibolite. The Chattahoochee fault runs sub-parallel to and southeast of the Allatoona Fault; the area between these two faults (that includes much of this site) is referred to as the “Dahlonge Gold Belt.”

SECTION 3: MONITORING PROGRAM

3.1 Overview

There are 13 groundwater monitoring wells and three AMW series wells utilized to monitor groundwater conditions near Phase I of the facility, and 34 monitoring wells and 10 AMW series wells to monitor Phases II – IV. Throughout the site, well clusters have been installed to monitor vertical gradients and/or stratification of potential impacts. The shallowest monitoring wells have no suffix (e.g., GWC-8), the intermediate monitoring wells have an “A” suffix (e.g., GWC-8A), and the deepest monitoring wells (installed in rock) have an “R” suffix (e.g., GWC-8R).

Surface water is monitored for permit-required parameters at 13 locations around the facility. Eleven surface water sampling points are monitored semi-annually at the landfill (SWA-1, SWA-2, and SWC-1 through SWC-9) and analyzed for chemical oxygen demand (COD), total cyanide, total organic carbon, chloride, and metals. Two additional surface water sampling points, SWC-4A and SWC-4B, have been added for delineation purposes. Five surface water locations (SWC-1, SWC-4, SWC-4A, SWC-4B, and SWC-6) are sampled semi-annually for Appendix I VOCs. Table A provides a summary of surface water sampling requirements.

During the first semi-annual monitoring event, assessment monitoring wells are sampled for Appendix II VOCs and Appendix I metals, select wells for Appendix II VOCs and semi-VOCs, and detection monitoring wells for Appendix I parameters as listed in Table A. During the second semi-annual monitoring event, assessment monitoring wells are sampled for Appendix I parameters plus any verified Appendix II analytes and detection monitoring wells are sampled for Appendix I parameters. Once every three years, assessment monitoring wells are sampled for the full Appendix II analyte list; monitoring wells were last sampled for the full Appendix II analyte list during the June 2022 monitoring event. The next triennial monitoring event is scheduled for June 2025. Select AMW series wells are sampled and analyzed for Appendix I VOCs or Appendix II VOCs and Appendix I metals as warranted by the data (i.e., to provide delineation) and are sampled for the required parameters listed in Table A. Any Appendix II constituents that become verified in an assessment well are added to the analyte list for that well during the second semi-annual monitoring event.

As described in the July 26, 2013, *Response to EPD Comments*, the landfill has redundant monitoring in the saprolite/bedrock aquifer as these two zones were demonstrated to be interconnected in the 1992 *Site Assessment Report*. Therefore, if these wells are dry, the well complements are sampled, as shown on the following table:

ID	Complement
GWA-1	GWA-1A
GWC-3	GWC-3A
GWC-4	GWC-4A
GWC-8	GWC-8A
GWC-14	GWC-14A
GWC-15	AMW-1
GWC-16A	AMW-2
GWC-18	AMW-5

In accordance with the groundwater monitoring plan, all detected analyte concentrations are compared to a GWPS. The GWPS is the United States Environmental Protection Agency (EPA) Maximum Contaminant Level (MCL), or in cases where no MCL exists, an alternate GWPS is utilized. Per Georgia Rule 391-3-4-.14(32), alternate GWPS were established in the ACM for analytes that have no established MCL.

3.2 Sampling Procedures

All samples were collected in accordance with the EPD-approved groundwater monitoring plan for Forsyth County Hightower Road MSWLF. Groundwater samples were collected following the procedures summarized below:

- All sampling equipment was decontaminated prior to use at each sampling location.
- New gloves were donned prior to sampling and changed appropriately to avoid cross contaminating samples or sampling equipment.
- Depth to groundwater was measured with an electronic water level indicator and recorded prior to sample collection and used to calculate purge volume.
- A minimum of three well volumes were removed, or the well was purged dry. Disposable bailers were used to purge all wells, except for PH1-GWA-3A where a Grundfos stainless steel submersible pump with disposable tubing was utilized for this location (Table 1).
- Parameters including pH, temperature, turbidity, and specific conductance were measured and recorded during purging and at the time of sampling. Field-collected parameters are summarized in Table 1.
- A brief groundwater recovery period was allowed for each well.
- Representative VOC samples were collected following purging. Samples for metals analysis were collected immediately if turbidity was less than 10 nephelometric turbidity units (NTU). If turbidity was above 10 NTU, sample was collected on the following day (within 24 hours of purging) after allowing the water column to settle to obtain less turbid samples. Immediately after sample collection, all containers were labeled, placed on ice in laboratory-provided coolers, and delivered to the laboratory for analysis under chain-of-custody documentation.
- Trip blanks were provided for the event and analyzed for Appendix I VOCs or Appendix II VOCs, as appropriate.
- Two field blanks were collected during the event and analyzed for Appendix I constituents.

Surface water samples were collected utilizing grab sampling techniques following the procedures summarized below:

- New gloves were donned prior to sampling and changed appropriately to avoid cross contaminating samples.
- Parameters including pH, temperature, turbidity, specific conductance, and dissolved oxygen were measured and recorded at the time of sampling.
- Immediately after sample collection, all containers were labeled, placed on ice in laboratory-provided coolers, and delivered to the laboratory for analysis under chain-of-custody documentation.

Groundwater monitoring well information, including depth to water measurements and groundwater elevation calculations are included in Table 2. Laboratory analytical data are summarized in Table 3 (Organics), Table 4 (Metals), and Table 4a (MNA parameters).

3.3 Laboratory Methodology and Certification

Laboratory analyses were performed in accordance with approved U.S. EPA methodology as set forth in *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846), Third Edition, Final Updates I (1993), II (1995), IIA (1994), IIB (1995), III (1997), IIIA (1999), IIIB (2005), IV (2008), and V (2015)*. During this event and prior sampling events, independent samples from each approved groundwater monitoring location were collected and analyzed for the applicable Appendix I (and/or Appendix II) constituents as listed in 40 Code of Federal Regulations (CFR) Part 258, Subpart E, 56 Fed. Reg. 51032-51039 (October 9, 1991), and Georgia Rules for Solid Waste Management [Chapter 391-3-4-.14(22)], as amended. The laboratory analytical results, quality control data, and chain-of-custody records for this semi-annual groundwater monitoring event are included in Appendix A of this report. Results of these analyses are discussed in the following sections.

Eurofins Environment Testing Southeast, LLC (Eurofins) is an approved laboratory (in accordance with Georgia Rule 391-3-26-.05) for the analysis of solid/hazardous waste and is accredited by the National Environmental Laboratory Accreditation Program (NELAP). Accreditation issuing authorities, certification identifications, and expiration dates are provided in the laboratory analytical reports in Appendix A.

SECTION 4: DISCUSSION OF SAMPLING RESULTS

4.1 Groundwater

Samples from the second 2024 semi-annual monitoring event were collected December 2-5, 2024, and were analyzed by Eurofins. Samples were collected and analyzed from detection and assessment monitoring wells for Appendix I and/or Appendix II parameters during this monitoring event as detailed in Table A. Monitoring well GWC-15 had an obstruction preventing it from being sampled. Wells PH1-GWC-4, AMW-9, GWC-3, GWC-14, GWC-16A and AMW-1, and AMW-13 were found dry. GWC-17 purged dry and could not be sampled. GWC-10 purged dry and had only VOC sample volume collected.

An evaluation of the December 2024 semi-annual groundwater sampling results indicates that one or more VOCs were detected in 13 groundwater monitoring well samples and three AMW series well samples as summarized on Table 3. The concentrations of four organic compounds in one or more assessment monitoring well samples were above the respective GWPS: cis-1,2-dichloroethene (cis-1,2-DCE), tetrachloroethene (PCE), trichloroethene (TCE), and vinyl chloride. A summary of organic detections is presented below.

- All but one of the verified, detected VOCs were in samples from assessment monitoring wells or AMW series wells. A verified detection of cis-1,2-DCE in detection monitoring well GWC-8 is discussed further in the *Statistical Analysis* report section.

- The verified concentrations of PCE (6.7 micrograms per Liter - µg/L) and TCE (5.6 µg/L) in the sample from PH1-GWC-3 were above the respective GWPS (5 µg/L).
- The verified concentrations of cis-1,2-DCE (73 µg/L) and vinyl chloride (21 µg/L) in the sample from GWC-14A were above the GWPS (70 µg/L and 2 µg/L, respectively). Neither compound was detected in GWC-13 (downgradient of GWC-14A).

The VOCs detected during the second 2024 monitoring event are being addressed by the remedies in the CAP. Overall, the pattern of VOC detections indicates natural attenuation is occurring, as evidenced by VOC reduction from peak levels and patterns of declining parent compounds like PCE coupled with an increase in daughter compounds like cis-1,2-DCE. Groundwater conditions continue to improve where the total number of sample concentrations above a GWPS has decreased from 29 during the first 2007 event to five during the second 2024 event.

A summary of metals detected during this event is presented in Table 4. Appendix I metals barium, cobalt, copper, and zinc were detected in one or more groundwater monitoring well samples. Low levels of barium were detected in most groundwater samples, while cobalt, copper, and zinc were detected less often. These metals are considered naturally occurring in site soils. All detected groundwater metals concentrations were less than their respective GWPS.

4.2 Performance Monitoring

In accordance with the CAP, a corrective measures status evaluation (CMSE) report is completed triennially. The next CMSE will be submitted in conjunction with the report for the second 2025 groundwater monitoring event.

4.3 Hydraulic Gradient and Groundwater Flow Velocity

The December 2024 groundwater level measurements were used to calculate groundwater elevations and to prepare a potentiometric surface map (Figure 1). The groundwater flow velocity was calculated using the potentiometric surface depicted in Figure 1 and estimated hydraulic conductivity measurements from previous studies of the facility. Groundwater flow velocity calculations are provided in Table 5. The results of these calculations indicate that groundwater flows at a calculated rate of approximately 145 feet per year. The groundwater flow direction is to the northeast and northwest (in a sub-radial pattern) as depicted in Figure 1.

4.4 Surface Water

Eleven surface water sampling points are monitored semi-annually at the landfill. Two additional surface water sampling points, SWC-4A and SWC-4B, have been added for delineation purposes. All surface water sampling locations are listed in Table A and are depicted on Figure 1. Surface water samples are analyzed for permit-required parameters COD, total cyanide, total organic carbon, chloride, and metals (Table A). Low-level concentrations of COD, total organic carbon, chloride, and/or barium were detected in one or more samples (Table 6). Low-level concentrations of barium are detected in upgradient and downgradient surface water sampling points, and the detected metal is naturally occurring and an artifact of sample turbidity.

Due to detections of VOCs above a GWPS in samples from PH1-GWC-3, Appendix I VOC sampling/analysis has been added¹ to SWC-6 (see Table A). A verified detection of the VOC cis-1,2-DCE was detected in SWC-6 during this event. There is no instream water quality standard for cis-1,2-DCE. Additionally, for delineation purposes SWC-1, SWC-4, SWC-4A, and SWC-4B are monitored for Appendix I VOCs and results are included in Appendix A. These surface water locations are monitored to verify that

¹ Refer to correspondence dated June 14, 2017, titled “Response to April 25, 2017, EPD Letter” for the demonstration that SWC-6 is appropriate to monitor groundwater to surface water discharge from PH1-GWC-3/3A.

no VOCs are entering the tributaries of the Etowah River above instream water quality standards. The SWC-4B location serves as a point to delineate VOC results from AMW-12R. There were no detections of VOCs in the surface water samples SWC-1, SWC-4, SWC-4A, and SWC-4B.

SECTION 5: STATISTICAL ANALYSIS

According to EPD Rules for Solid Waste Management, a determination must be made as to if there is a statistically significant increase (SSI) over background values for each constituent that is part of the groundwater monitoring program.

5.1 Statistical Methodology

Paragraph (18) of Georgia Rule 391-3-4-.14 requires using one of the following types of tests: a) parametric analysis of variance (ANOVA), b) ANOVA based on the ranks followed by multiple comparison procedures, c) a tolerance or prediction interval analysis, d) a control chart approach that gives control limits for each constituent, or e) another statistical test method that meets the performance standards of paragraph (19). The statistical analysis was performed in accordance with the Georgia Solid Waste Rules. Pertinent sections of the EPA guidance document titled *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities Unified Guidance (March 2009)* are utilized, as necessary. The document recommends using one of three types of tests: ANOVA, tolerance limits, or prediction interval analysis. The document stipulates that a parametric test should be used for all constituents where:

1. The residuals of the data are normally distributed.
2. There is homogeneity of groundwater quality data variance among wells.
3. The proportion of non-detection is less than 15%; and
4. There are no significant seasonal effects upon the data.

If these criteria are not met, then a non-parametric test should be used. None of the constituents meet all four of the criteria. As a result, the statistical test chosen for every Appendix I constituent in the current sampling event was the Kruskal-Wallis, non-parametric ANOVA. This test is based on ranks followed by multiple comparison procedures to identify specific sources of difference. As presented in the CAP, groundwater VOCs occur in two distinct areas of the site. VOCs in groundwater in and around Phase I are not contiguous with those on the north side of the site around Phase II MSWLF and Phase III MSWLF. As a result, two sets of statistics are utilized, where one set considers only Phase I, and the other set considers the rest of the site.

For the Phase I area, three of five upgradient wells (PH1-GWA-1, PH1-GWA-1A, and PH1-GWA-2) have historic VOC detections and are evaluated statistically along with hydraulically downgradient wells. Therefore PH1-GWA-3A and PH1-GWA-4 are used for upgradient statistical comparisons. To maintain the integrity of PH1-GWA-4 as a background monitoring location in statistical calculations, the unverified arsenic detection from the December 2011 event has been removed from the statistical database to avoid false negative results. For Phases II-IV of the facility, GWA-1A and GWA-3 have had historical VOC detections and are statistically evaluated as downgradient wells. For Phases II-IV, wells GWA-1 and GWA-2 are used as upgradient wells for statistical purposes. The datasets from surrogate wells AMW-1 and AMW-2 are appended to the datasets for GWC-15 and GWC-16A, respectively, for statistical analysis.

As noted in the CAP, concentration trends in many wells appeared to change following capping activities completed in late 1999 (pathways of gas migration possibly altered). Based on review of the database, statistical analysis is performed using data after capping was completed as a conservative measure. Data from the most recent 12 events are evaluated in statistical analysis.

The Kruskal-Wallis non-parametric ANOVA method compares each well with a group of background wells. The Kruskal-Wallis test can only determine which compliance well results are elevated with respect to background but cannot determine which specific samples produce the statistical trigger. Therefore, this statistical method may identify false positive SSIs in wells with historical detections of a parameter when that parameter was not detected in samples from the current sampling event.

Further analysis with a non-parametric tolerance limit (NPTL) test shows which specific results from a well indicate an increase over background. The Kruskal-Wallis test was used as a screening statistical test, and the parameters that showed SSIs from Kruskal-Wallis were further analyzed using an NPTL. The NPTL test has the capability of pinpointing which results cause the SSI and can identify Kruskal-Wallis false positive SSIs for parameters not detected in the current sampling data.

For confirmed SSIs calculated using the methodology above, that are also at a concentration above the relevant GWPS, confidence limits are calculated to determine if the 95% lower confidence limit (LCL) is above the GWPS. In accordance with the *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities Unified Guidance (March 2009)*, the confidence limits are compared to the GWPS, and a statistically significant level (SSL) is identified when the 95% LCL is above the GWPS.

5.2 Statistical Results and Discussion

Statistical analyses are included in Appendix B. The monitoring wells with concentrations identified as an SSI over background for the current event as determined by the Kruskal-Wallis ANOVA and the NPTL methods are listed in Table 7. The monitoring wells with identified SSIs over background and concentrations above a GWPS are evaluated to determine if concentrations are SSLs. Table 8 summarizes this information that is presented in the GEOS data entry screen for each semi-annual event. Sixteen monitoring wells had one or more SSIs during this event, and two monitoring wells had SSIs identified for analyte concentrations that were above the respective GWPS (see Table 7). All ten monitoring wells with VOC SSIs or SSLs are currently in assessment monitoring and are addressed by the CAP remedies. The verified detection of cis-1,2-DCE in detection well GWC-8 does not constitute an SSI as determined by the methods described above.

Five monitoring wells with metals SSIs are in the detection monitoring program. The detection monitoring wells with SSIs were triggered by low levels of barium. The current concentrations of barium are typical of unimpacted groundwater in the region, and concentrations are well below the GWPS. It is recommended that these five monitoring wells remain in detection monitoring (Table A).

SECTION 6: SUMMARY AND RECOMMENDATIONS

The results of the data evaluated from the December 2024 sampling event are summarized below:

- Groundwater flows, in a sub-radial pattern, towards the northeast and northwest, at a calculated rate of approximately 145 feet per year.
- VOCs at concentrations above respective GWPS in network wells are limited to those in assessment monitoring status. The low-level detection of cis-1,2-DCE in GWC-8 was not identified as an SSI. Detections of groundwater VOCs are addressed by the CAP corrective remedies.
- There were SSIs for VOC and metals concentrations in samples from assessment monitoring wells. The only SSIs for wells currently in detection monitoring were for low-level concentrations of barium (PH1-GWB-1, PH1-GWC-1, GWC-1, GWC-3A, and GWC-9) at concentrations below the GWPS. These detections in groundwater are attributed to natural occurrence due to the presence in regional soils.
- The overall pattern of VOC detections indicates natural attenuation is occurring, as evidenced by VOC reduction from peak levels and patterns of declining parent compounds like PCE coupled with an increase in daughter compounds like cis-1,2-DCE. Groundwater conditions continue to improve where the total number of sample concentrations above a GWPS has decreased from 29 during the first 2007 event to five during the second 2024 event.
- Low-level concentrations of barium are detected in upgradient and downgradient surface water sampling points, and the detected metal is naturally occurring and an artifact of sample turbidity.
- There was a detection of cis-1,2-DCE in the SWC-6 sample. There is no instream water quality standard for this compound.

Forsyth County will continue implementing the EPD-approved monitoring and corrective action program at the Hightower Road MSWLF. The next semi-annual monitoring event is scheduled for June 2025.

TABLES

Table A

Summary of Groundwater & Surface Water Monitoring Plan

Forsyth County - Hightower Road MSWLF



Location	Well Status	1st Semi-Annual Event	2nd Semi-Annual Event
Phase I Groundwater Locations			
PH1-GWA-1	Assessment	App II VOCs + App I metals	App I + MNA
PH1-GWA-1A	Detection	App I	App I
PH1-GWA-2	Assessment	App II VOCs + App I metals	App I + MNA
PH1-GWA-3A	Detection	App I	App I
PH1-GWA-4	Detection	App I	App I + MNA
PH1-GWB-1	Detection	App I	App I
PH1-GWB-2	Detection	App I	App I
PH1-GWC-1	Detection	App I	App I
PH1-GWC-2	Assessment	App II VOCs + App I metals	App I + MNA
PH1-GWC-3	Assessment	App II VOCs + App I metals	App I + MNA
PH1-GWC-3A	Assessment	App II VOCs + App I metals	App I + MNA
PH1-GWC-4	Detection	App I	App I
GWC-1	Detection	App I	App I
AMW-8	Delineation	Water Level Only	Water Level Only
AMW-9	Delineation	App II VOCs + App I metals	App I
AMW-10	Delineation	Water Level Only	Water Level Only
Phase II, III, and IV Groundwater Locations			
GWA-1	Detection	App I	App I
GWA-1A	Detection	App I	App I
GWA-2	Detection	App I	App I
GWA-3	Detection	App I	App I
GWC-2	Detection	App I	App I
GWC-3	Detection	App I	App I
GWC-3A	Detection	App I	App I
GWC-4	Detection	App I	App I
GWC-4A	Detection	App I	App I
GWC-5	Detection	App I	App I
GWC-6	Detection	App I	App I
GWC-7	Detection	App I	App I
GWC-8	Detection	App I	App I
GWC-8A	Assessment	App II VOCs + App I metals	App I + MNA
GWC-8R	Assessment (Partial)	App II VOCs + SVOCs	App I VOCs + MNA
GWC-9	Detection	App I	App I
GWC-10	Detection	App I	App I
GWC-10A	Detection	App I	App I
GWC-11	Detection	App I	App I
GWC-12	Detection	App I	App I
GWC-12A	Detection	App I	App I
GWC-13	Detection	App I	App I

- Notes:**
1. App I = Appendix I VOCs and metals.
 2. App II = Appendix II VOCs and metals, SVOCs, pesticides/PCBs, herbicides, cyanide, sulfide.
 3. Every three years, the full list of Appendix II parameters in 40 CFR Part 258, Subpart E, 56 Fed. Reg. 51032-51039 (October 9, 1991) are analyzed in assessment wells. The next full Appendix II list sampling will be the first 2025 event.
 4. GA SW Parameters = metals (As, Ba, Cd, Cr, Pb, Ni, Ag, Se, Zn, Hg), chloride, cyanide, chemical oxygen demand (COD) & total organic carbon (TOC).
 5. Verified detections of App II compounds are added to the assessment monitoring analyte list during the second semi-annual monitoring event.
 6. MNA = Monitored Natural Attenuation Parameter List: alkalinity (total), carbon dioxide, chloride, dissolved oxygen, ferrous iron, nitrate, sulfate, oxidation-reduction potential, and total dissolved solids.

Table A
Summary of Groundwater & Surface Water Monitoring Plan
Forsyth County - Hightower Road MSWLF



Location	Well Status	1st Semi-Annual Event	2nd Semi-Annual Event
Phase II, III, and IV Groundwater Locations (Continued)			
GWC-14	Detection	App I	App I
GWC-14A	Assessment	App II VOCs + App I metals	App I + MNA
GWC-14R	Assessment (Partial)	App II VOCs + SVOCs	App I VOCs + MNA
GWC-15	Assessment	App II VOCs + App I metals	App I + MNA
GWC-16A	Assessment	App II VOCs + App I metals	App I + MNA
GWC-17	Assessment	App II VOCs + App I metals	App I + MNA
GWC-18	Assessment	App II VOCs + App I metals	App I + MNA
GWC-19R	Assessment	App II VOCs + App I metals	App I + MNA
GWC-22	Detection	App I	App I
GWC-23	Detection	App I	App I
GWC-23A	Detection	App I	App I
GWC-24	Detection	App I	App I + MNA
AMW-1	Delineation	Water Level Only	Water Level Only
AMW-2	Delineation	Water Level Only	Water Level Only
AMW-3	Delineation	Water Level Only	Water Level Only
AMW-4	Delineation	App II VOCs	App I VOCs + MNA
AMW-5	Delineation	App II VOCs	App I VOCs + MNA
AMW-11R	Delineation	Water Level Only	Water Level Only
AMW-12	Delineation	App II VOCs	App I VOCs
AMW-12R	Delineation	App II VOCs	App I VOCs
AMW-13	Delineation	App II VOCs + App I metals	App I
AMW-14	Delineation	App II VOCs	App I VOCs + MNA
FB-1	Quality Control	App I	App I
FB-2	Quality Control	App I	App I
TB	Quality Control	App II VOCs	App I VOCs
Surface Water Locations			
SWA-1	Surface Water	GA SW Parameters	GA SW Parameters
SWA-2	Surface Water	GA SW Parameters	GA SW Parameters
SWC-1	Surface Water	GA SW Parameters + App I VOCs	GA SW Parameters + App I VOCs
SWC-2	Surface Water	GA SW Parameters	GA SW Parameters
SWC-3	Surface Water	GA SW Parameters	GA SW Parameters
SWC-4	Surface Water	GA SW Parameters + App I VOCs	GA SW Parameters + App I VOCs
SWC-4A	Surface Water / Delineation	App I VOCs	App I VOCs
SWC-4B	Surface Water / Delineation	App I VOCs	App I VOCs
SWC-5	Surface Water	GA SW Parameters	GA SW Parameters
SWC-6	Surface Water	GA SW Parameters + App I VOCs	GA SW Parameters + App I VOCs
SWC-7	Surface Water	GA SW Parameters	GA SW Parameters
SWC-8	Surface Water	GA SW Parameters	GA SW Parameters
SWC-9	Surface Water	GA SW Parameters	GA SW Parameters

- Notes:**
1. App I = Appendix I VOCs and metals.
 2. App II = Appendix II VOCs and metals, SVOCs, pesticides/PCBs, herbicides, cyanide, sulfide.
 3. Every three years, the full list of Appendix II parameters in 40 CFR Part 258, Subpart E, 56 Fed. Reg. 51032-51039 (October 9, 1991) are analyzed in assessment wells. The next full Appendix II list sampling will be the first 2025 event.
 4. GA SW Parameters = metals (As, Ba, Cd, Cr, Pb, Ni, Ag, Se, Zn, Hg), chloride, cyanide, chemical oxygen demand (COD) & total organic carbon (TOC).
 5. Verified detections of App II compounds are added to the assessment monitoring analyte list during the second semi-annual monitoring event.
 6. MNA = Monitored Natural Attenuation Parameter List: alkalinity (total), carbon dioxide, chloride, dissolved oxygen, ferrous iron, nitrate, sulfate, oxidation-reduction potential, and total dissolved solids.

Table 1
Summary of Water Quality Parameters
Forsyth County - Hightower Road MSWLF



Well ID	Sample Method	pH (S.U.)	Specific Conductance (μS/cm)	Temperature (°C)	Turbidity (NTU)
Phase I Groundwater Locations					
PH1-GWA-1	Bailer	5.65	154	10.3	7.3
PH1-GWA-1A	Bailer	7.12	61	13.3	1.9
PH1-GWA-2	Bailer	5.64	78	15.3	8.6
PH1-GWA-3A	Sub. Pump	5.97	55	17.6	1.1
PH1-GWA-4	Bailer	5.68	23	13.0	4.1
PH1-GWB-1	Bailer	5.42	23	14.2	3.8
PH1-GWB-2	Bailer	5.69	79	14.6	5.5
PH1-GWC-1	Bailer	6.41	212	14.8	2.9
PH1-GWC-2	Bailer	6.50	162	13.0	15.2
PH1-GWC-3	Bailer	6.27	154	15.0	2.7
PH1-GWC-3A	Bailer	7.09	186	13.8	20.2
PH1-GWC-4	DRY				
GWC-1	Bailer	5.42	95	13.6	2.5
AMW-9	DRY				
Phase II, III, and IV Groundwater Locations					
GWA-1	Bailer	5.19	54	13.4	3.0
GWA-1A	Bailer	6.57	134	13.2	2.8
GWA-2	Bailer	5.50	26	13.6	2.7
GWA-3	Bailer	5.20	22	15.0	2.9
GWC-2	Bailer	5.40	18	14.0	3.0
GWC-3	DRY - refer to Surrogate GWC-3A				
GWC-3A	Bailer	4.77	113	13.1	1.6
GWC-4	Bailer	5.14	31	11.5	4.2
GWC-4A	Bailer	6.41	98	11.4	9.2
GWC-5	Bailer	5.15	18	14.3	3.0
GWC-6	Bailer	5.55	114	9.4	2.7
GWC-7	Bailer	5.65	71	11.4	2.9
GWC-8	Bailer	5.55	110	13.6	8.0

Notes: Groundwater samples collected December 2-5, 2024.

* = Field turbidity not recorded; metals not collected; well purged dry and did not sufficiently recover within 24 hours.

** = Field turbidity not recorded; metals analysis not required.

Acronyms: μS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Units

S.U. = Standard Units
°C = Degrees Celsius

Table 1
Summary of Water Quality Parameters
Forsyth County - Hightower Road MSWLF



Well ID	Sample Method	pH (S.U.)	Specific Conductance (μS/cm)	Temperature (°C)	Turbidity (NTU)
Phase II, III, and IV Groundwater Locations (Continued)					
GWC-8A	Bailer	5.63	294	12.4	17.6
GWC-8R	Bailer	6.17	290	15.0	**
GWC-9	Bailer	5.37	151	13.2	7.6
GWC-10	Bailer	5.38	26	13.4	*
GWC-10A	Bailer	5.44	54	13.8	3.0
GWC-11	Bailer	5.42	221	13.5	6.0
GWC-12	Bailer	5.15	19	14.8	1.5
GWC-12A	Bailer	5.28	21	14.2	2.7
GWC-13	Bailer	5.71	36	6.1	1.2
GWC-14	DRY - refer to Surrogate GWC-14A				
GWC-14A	Bailer	6.07	378	13.2	10.7
GWC-14R	Bailer	6.24	312	10.8	**
GWC-15	DRY				
GWC-16A	DRY - refer to Surrogate AMW-2				
GWC-17	Bailer	6.14	51	12.8	*
GWC-18	Bailer	5.49	92	12.6	1.1
GWC-19R	Bailer	5.53	97	13.2	2.6
GWC-22	Bailer	5.14	37	13.4	3.1
GWC-23	Bailer	5.64	34	13.1	1.3
GWC-23A	Bailer	5.27	83	12.6	3.2
GWC-24	Bailer	5.59	45	13.2	1.0
AMW-1	DRY				
AMW-2	Bailer	6.30	132	12.0	1.2
AMW-4	Bailer	5.50	103	13.2	12.3
AMW-5	Bailer	5.80	81	12.9	130
AMW-12	Bailer	5.62	31	14.1	537
AMW-12R	Bailer	5.64	92	12.2	17.5
AMW-13	DRY				
AMW-14	Bailer	5.87	81	12.7	27.6

Notes: Groundwater samples collected December 2-5, 2024.

* = Field turbidity not recorded; metals not collected; well purged dry and did not sufficiently recover within 24 hours.

** = Field turbidity not recorded; metals analysis not required.

Acronyms: μS/cm = microSiemens per centimeter
NTU = Nephelometric Turbidity Units

S.U. = Standard Units
°C = Degrees Celsius

Table 2
Groundwater Elevation Data
Forsyth County - Hightower Road MSWLF



Monitoring Well ID	Total Well Depth (ft BTOC)	TOC Elevation (ft MSL)	Depth to Water Level (ft BTOC)	Groundwater Elevation (ft MSL)
Phase I Groundwater Locations				
PH1-GWA-1	48.66	1176.37	47.23	1129.14
PH1-GWA-1A	108.00	1176.35	47.39	1128.96
PH1-GWA-2	53.60	1183.40	42.99	1140.41
PH1-GWA-3A	250.00	1187.16	42.80	1144.36
PH1-GWA-4	57.00	1191.14	43.51	1147.63
PH1-GWB-1	53.80	1179.10	46.21	1132.89
PH1-GWB-2	42.22	1155.04	36.51	1118.53
PH1-GWC-1	23.79	1074.66	9.77	1064.89
PH1-GWC-2	127.61	1103.93	25.35	1078.58
PH1-GWC-3	23.42	1096.96	13.05	1083.91
PH1-GWC-3A	55.42	1096.28	12.17	1084.11
PH1-GWC-4	33.71	1124.26	32.92	1091.34
GWC-1	38.80	1102.25	30.49	1071.76
AMW-8	50.40	1186.23	46.14	1140.09
AMW-9	41.69	1162.64	40.79	1121.85
AMW-10	56.81	1180.73	52.70	1128.03
Phase II, III, and IV Groundwater Locations				
GWA-1	62.85	1187.70	60.07	1127.63
GWA-1A	141.00	1187.49	59.56	1127.93
GWA-2	52.18	1137.30	43.98	1093.32
GWA-3	48.86	1154.53	46.13	1108.40
GWC-2	55.61	1103.64	47.78	1055.86
GWC-3	39.71	1092.39	37.22	1055.17
GWC-3A	68.95	1094.67	37.05	1057.62
GWC-4	49.81	1132.82	48.10	1084.72
GWC-4A	89.23	1132.39	44.39	1088.00
GWC-5	49.91	1084.55	45.98	1038.57
GWC-6	34.52	1064.01	25.54	1038.47

Notes: Depths to water measured December 2, 2024.

Acronyms: ft BTOC = feet below top of casing
ft MSL = feet Mean Sea Level
TOC = top of casing
NA = Not Available

Table 2
Groundwater Elevation Data
Forsyth County - Hightower Road MSWLF



Monitoring Well ID	Total Well Depth (ft BTOC)	TOC Elevation (ft MSL)	Depth to Water Level (ft BTOC)	Groundwater Elevation (ft MSL)
Phase II, III, and IV Groundwater Locations (Continued)				
GWC-7	54.21	1093.44	45.73	1047.71
GWC-8	27.53	1095.63	26.04	1069.59
GWC-8A	46.71	1095.44	26.09	1069.35
GWC-8R	94.67	1098.40	29.06	1069.34
GWC-9	60.50	1093.58	52.66	1040.92
GWC-10	37.51	1068.56	30.32	1038.24
GWC-10A	54.30	1066.45	29.76	1036.69
GWC-11	46.80	1054.08	37.16	1016.92
GWC-12	40.06	1038.06	34.52	1003.54
GWC-12A	49.44	1038.09	35.27	1002.82
GWC-13	44.95	1090.82	37.27	1053.55
GWC-14	28.37	1089.49	27.52	1061.97
GWC-14A	64.75	1089.32	28.44	1060.88
GWC-14R	93.61	1078.60	18.43	1060.17
GWC-15	62.84	1125.68	DRY	NA
GWC-16A	51.05	1136.49	DRY	NA
GWC-17	21.59	1107.78	19.62	1088.16
GWC-18	52.70	1094.87	45.88	1048.99
GWC-19R	39.87	1105.79	31.74	1074.05
GWC-22	35.05	1079.01	23.66	1055.35
GWC-23	32.22	1079.06	19.71	1059.35
GWC-23A	61.67	1079.10	18.00	1061.10
GWC-24	44.09	1102.32	38.54	1063.78
AMW-1	180.70	1130.04	DRY	NA
AMW-2	150.00	1101.96	48.65	1053.31
AMW-3	31.30	1041.09	10.71	1030.38
AMW-4	18.80	1040.09	5.32	1034.77
AMW-5	23.06	1049.32	8.73	1040.59
AMW-11R	58.10	1053.63	13.22	1040.41
AMW-12	19.56	1056.85	9.47	1047.38
AMW-12R	46.43	1056.34	11.03	1045.31
AMW-13	36.18	1093.09	35.96	1057.13
AMW-14	21.70	1052.73	10.16	1042.57

Notes: Depths to water measured December 2, 2024.

Acronyms: ft BTOC = feet below top of casing
ft MSL = feet Mean Sea Level
TOC = top of casing
NA = Not Available

Table 3
Summary of Appendix I/II Organic Compound Detections
Forsyth County - Hightower Road MSWLF

Monitoring Well ID	1,1-DCA (µg/L)	1,4-Dichloro-benzene (µg/L)	Benzene (µg/L)	Chloro benzene (µg/L)	cis-1,2-DCE (µg/L)	PCE (µg/L)	TCE (µg/L)	Vinyl Chloride (µg/L)	Xylenes (µg/L)
GWPS	810*	75	5	110*	70	5	5	2	10,000
Phase I Groundwater Locations									
PH1-GWA-1	--	--	--	--	<u>1.4</u>	--	--	--	--
PH1-GWA-1A	--	--	--	--	--	--	--	--	--
PH1-GWA-2	--	--	--	--	37	--	<u>1.9</u>	--	--
PH1-GWA-3A	--	--	--	--	--	--	--	--	--
PH1-GWA-4	--	--	--	--	--	--	--	--	--
PH1-GWB-1	--	--	--	--	--	--	--	--	--
PH1-GWB-2	--	--	--	--	--	--	--	--	--
PH1-GWC-1	--	--	--	--	--	--	--	--	--
PH1-GWC-2	1.4	--	--	--	8.2	3.3	2.1	--	--
PH1-GWC-3	2.7	--	--	--	20	6.7	5.6	--	--
PH1-GWC-3A	1.7	--	--	--	16	4.7	4.9	--	--
PH1-GWC-4	DRY								--
GWC-1	--	--	--	--	--	--	--	--	--
AMW-9	DRY								--
Phase II, III, and IV Groundwater Locations									
GWA-1	--	--	--	--	--	--	--	--	--
GWA-1A	--	--	--	--	--	--	--	--	--
GWA-2	--	--	--	--	--	--	--	--	--
GWA-3	--	--	--	--	--	--	--	--	--
GWC-2	--	--	--	--	--	--	--	--	--
GWC-3	DRY - refer to Surrogate GWC-3A								--
GWC-3A	--	--	--	--	--	--	--	--	--
GWC-4	--	--	--	--	--	--	--	--	<u>2.91</u>
GWC-4A	--	--	--	--	--	--	--	--	--
GWC-5	--	--	--	--	--	--	--	--	--
GWC-6	--	--	--	--	--	--	--	--	--
GWC-7	--	--	--	--	--	--	--	--	--
GWC-8	--	--	--	--	5.2	--	--	--	--
GWC-8A	1.4	<u>7.6</u>	1.6	--	27	--	--	--	--

Notes: Groundwater samples collected December 2-5, 2024.

-- = Below laboratory reporting limit.

Shaded and bold values indicate concentrations above GWPS.

* No MCL exists; EPA Region IX PRG referenced as GWPS.

Underlined concentrations are unverified detections.

Acronyms: µg/L = micrograms per liter

NM = Well purged dry and did not sufficiently recover for sample collection.

1,1-DCA = 1,1-Dichloroethane; 1,1-DCE = 1,1-Dichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene;

PCE = Tetrachloroethene; TCE = Trichloroethene

GWPS = Groundwater Protection Standard is the EPA Maximum Contaminant Level (MCL), or the EPA Region IX Preliminary Remediation Goals (PRG) if an MCL is not established.

Table 3
Summary of Appendix I/II Organic Compound Detections
Forsyth County - Hightower Road MSWLF

Monitoring Well ID	1,1-DCA (µg/L)	1,4-Dichloro-benzene (µg/L)	Benzene (µg/L)	Chloro benzene (µg/L)	cis-1,2-DCE (µg/L)	PCE (µg/L)	TCE (µg/L)	Vinyl Chloride (µg/L)	Xylenes (µg/L)
GWPS	810*	75	5	110*	70	5	5	2	10,000
Phase II, III, and IV Groundwater Locations (Continued)									
GWC-8R	6.5	<u>2.3</u>	--	--	24	--	--	--	--
GWC-9	--	--	--	--	--	--	--	--	--
GWC-10	--	--	--	--	--	--	--	--	--
GWC-10A	--	--	--	--	--	--	--	--	--
GWC-11	--	--	--	--	--	--	--	--	--
GWC-12	--	--	--	--	--	--	--	--	--
GWC-12A	--	--	--	--	--	--	--	--	--
GWC-13	--	--	--	--	--	--	--	--	--
GWC-14	DRY - refer to Surrogate GWC-14A								
GWC-14A	18	<u>1.7</u>	2.9	9.1	73	--	2.1	21	--
GWC-14R	7.7	<u>1.1</u>	--	--	15	--	1.8	--	--
GWC-15	DRY								
GWC-16A	DRY - refer to Surrogate AMW-2								
GWC-17	NM								
GWC-18	--	--	--	--	23	2.5	<u>1.5</u>	--	--
GWC-19R	--	--	--	--	3.9	--	--	--	--
GWC-22	--	--	--	--	--	--	--	--	--
GWC-23	--	--	--	--	--	--	--	--	--
GWC-23A	--	--	--	--	--	--	--	--	--
GWC-24	--	--	--	--	--	--	--	--	--
AMW-1	DRY								
AMW-2	--	--	--	--	--	--	--	--	--
AMW-4	<u>1.4</u>	--	--	--	18	2.9	1.5	--	--
AMW-5	--	--	--	--	<u>1.6</u>	--	--	--	--
AMW-12	--	--	--	--	--	--	--	--	--
AMW-12R	2.5	--	--	--	3.3	9.2	2.1	--	--
AMW-13	DRY								
AMW-14	--	--	--	--	--	--	--	--	--

Notes: Groundwater samples collected December 2-5, 2024.

-- = Below laboratory reporting limit.

Shaded and bold values indicate concentrations above GWPS.

* No MCL exists; EPA Region IX PRG referenced as GWPS.

Underlined concentrations are unverified detections.

Acronyms: µg/L = micrograms per liter

NM = Well purged dry and did not sufficiently recover for sample collection.

1,1-DCA = 1,1-Dichloroethane; 1,1-DCE = 1,1-Dichloroethene; cis-1,2-DCE = cis-1,2-Dichloroethene;

PCE = Tetrachloroethene; TCE = Trichloroethene

GWPS = Groundwater Protection Standard is the EPA Maximum Contaminant Level (MCL), or the EPA Region IX Preliminary Remediation Goals (PRG) if an MCL is not established.

Table 4
Summary of Appendix I/II Metals Detections
Forsyth County - Hightower Road MSWLF



Monitoring Well ID	Barium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Zinc (mg/L)
GWPS	2	0.73*	1.3	5**
Phase I Groundwater Locations				
PH1-GWA-1	0.024	0.068	--	--
PH1-GWA-1A	--	--	--	--
PH1-GWA-2	0.054	--	--	--
PH1-GWA-3A	--	--	--	--
PH1-GWA-4	--	--	--	--
PH1-GWB-1	0.030	--	--	--
PH1-GWB-2	--	--	0.026	0.031
PH1-GWC-1	0.031	--	--	0.081
PH1-GWC-2	--	--	--	--
PH1-GWC-3	0.026	--	--	--
PH1-GWC-3A	0.027	--	--	--
PH1-GWC-4	DRY			
GWC-1	0.091	--	--	--
AMW-9	DRY			
Phase II, III, and IV Groundwater Locations				
GWA-1	0.024	--	--	--
GWA-1A	0.031	--	--	--
GWA-2	0.024	--	--	--
GWA-3	--	--	--	--
GWC-2	--	--	--	0.022
GWC-3	DRY - refer to Surrogate GWC-3A			
GWC-3A	0.041	--	--	--
GWC-4	0.026	--	--	0.029
GWC-4A	--	--	--	--
GWC-5	--	--	--	--
GWC-6	--	--	--	--
GWC-7	0.030	--	--	--
GWC-8	0.026	--	--	--
GWC-8A	0.044	--	--	--

Notes: Groundwater samples collected December 2-5, 2024.

-- = Below laboratory reporting limit.

Shaded and bold values indicate concentrations above GWPS.

* No MCL exists; EPA Region IX PRG referenced as GWPS.

** Secondary EPA MCL.

Underlined concentrations are unverified detections.

Treatment Technique is used for copper.

Acronyms: mg/L = milligrams per liter

NM = Well purged dry and did not sufficiently recover for sample collection.

NS = not sampled/not required

GWPS = Groundwater Protection Standard is the EPA Maximum Contaminant Level (MCL), or the EPA Region IX Preliminary Remediation Goals (PRG) if an MCL is not established.

Table 4
Summary of Appendix I/II Metals Detections
Forsyth County - Hightower Road MSWLF

Monitoring Well ID	Barium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Zinc (mg/L)
GWPS	2	0.73*	1.3	5**
Phase II, III, and IV Groundwater Locations (Continued)				
GWC-8R	NS			
GWC-9	0.054	--	--	0.033
GWC-10	NM			
GWC-10A	0.030	--	--	--
GWC-11	--	--	--	--
GWC-12	--	--	--	--
GWC-12A	--	--	--	--
GWC-13	--	--	--	--
GWC-14	DRY - refer to Surrogate GWC-14A			
GWC-14A	0.17	0.14	--	0.023
GWC-14R	NS			
GWC-15	DRY			
GWC-16A	DRY - refer to Surrogate AMW-2			
GWC-17	NM			
GWC-18	0.13	--	--	--
GWC-19R	0.083	--	--	--
GWC-22	--	--	--	--
GWC-23	--	--	--	--
GWC-23A	--	--	--	--
GWC-24	--	--	--	--
AMW-1	DRY			
AMW-2	--	--	--	--
AMW-4	NS			
AMW-5	NS			
AMW-12	NS			
AMW-12R	NS			
AMW-13	DRY			
AMW-14	NS			

Notes: Groundwater samples collected December 2-5, 2024.

-- = Below laboratory reporting limit.

Shaded and bold values indicate concentrations above GWPS.

* No MCL exists; EPA Region IX PRG referenced as GWPS.

** Secondary EPA MCL.

Underlined concentrations are unverified detections.

Treatment Technique is used for copper.

Acronyms: mg/L = milligrams per liter

NM = Well purged dry and did not sufficiently recover for sample collection.

NS = not sampled/not required

GWPS = Groundwater Protection Standard is the EPA Maximum Contaminant Level (MCL), or the EPA Region IX Preliminary Remediation Goals (PRG) if an MCL is not established.

Table 4a
Summary of MNA Indicator Parameters
Forsyth County - Hightower Road MSWLF



Well ID	Alkalinity (mg/L as CaCO ₃)	Total Dissolved Solids	Chloride	Sulfate	Ferrous Iron ¹	Dissolved Oxygen ¹	ORP (rel mV) ¹	Carbon Dioxide ¹	Nitrate Nitrogen
Phase I Unimpacted Upgradient Groundwater Location									
PH1-GWA-4	4.8	--	1.3	1.2	0.0	7.5	212	50	--
Phase I Assessment Monitoring Locations									
PH1-GWA-1	35	35	1.8	1.2	3.0	2.5	156	100	--
PH1-GWA-2	35	51	3.2	3.4	0.0	3.6	202	70	--
PH1-GWC-2	76	86	2.7	2.6	0.0	2.0	188	50	--
PH1-GWC-3	75	81	4.9	2.5	0.0	2.3	25	75	--
PH1-GWC-3A	100	110	1.8	1.6	0.0	2.1	173	25	--
Phase II, III, and IV Assessment Monitoring Locations									
GWC-8A	110	120	5.1	1.5	1.5	3.3	12	60	--
GWC-8R	150	160	1.8	3.3	1.0	2.2	30	65	--
GWC-14A	160	180	15	2.9	2.0	2.2	21	50	--
GWC-14R	160	170	4.3	3.4	0.5	1.9	93	25	--
GWC-15	DRY								
AMW-1	DRY								
GWC-16A	DRY - refer to Surrogate AMW-2								
AMW-2	56	97	1.4	5.7	0.0	5.7	213	15	0.43
GWC-17	NM								
GWC-18	34	36	5.0	1.4	0.0	3.4	231	50	0.87
GWC-19R	44	42	1.4	3.1	0.5	1.7	212	100	--
GWC-24	14	27	1.0	2.9	0.0	3.8	226	50	--
AMW Series Locations									
AMW-4	38	61	2.7	1.5	0.0	4.3	233	65	--
AMW-5	30	70	3.0	3.3	0.0	3.9	217	50	--
AMW-14	30	54	3.6	2.9	0.0	3.5	228	35	--

Notes: ¹ = Field measurement.

Units are mg/L unless otherwise noted.

Groundwater samples collected December 2-5, 2024

-- = Below laboratory reporting limit.

> = Greater than the calibrated field value.

Acronyms: mg/L = milligrams per liter

MNA = Monitored Natural Attenuation.

NM = Well purged dry and did not sufficiently recover for sample collection.

rel MV = relative millivolts

ORP = oxidation-reduction potential

CaCO₃ = calcium carbonate

Table 5
Groundwater Flow Rate Calculation
Forsyth County - Hightower Road MSWLF



Equation

$$v = \frac{k (dh/dL)}{P_e}$$

where: v = groundwater velocity
k = hydraulic conductivity
dh/dL = hydraulic gradient
P_e = effective porosity

Values Used in Calculation

Value			Source
k =	1.0	ft/day	see note 1
dh/dL =	0.065 0.070 0.084 0.099 0.079	unitless	PH1-GWA-2 to GWC-1 GWA-3 to GWC-2 GWA-2 to GWC-23 GWC-8 to AMW-11R Average
P _e =	0.20	unitless	see note 1

Calculation

$$v = \begin{matrix} 0.40 \text{ ft/day} \\ 145 \text{ ft/yr} \end{matrix}$$

Notes

(1) Site average hydraulic conductivity for GWA-2, GWC-3, GWC-4, & GWC-10 (October 8, 2004 *Assessment of Corrective Measures Report* hydraulic conductivity range is 0.0295 to 1.21 feet/day.)

Table 6
Summary of Surface Water Detections & Field Parameters
Forsyth County - Hightower Road MSWLF



Location ID	Total Organic Carbon (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Barium (mg/L)	cis-1,2-DCE (µg/L)
SWA-2	--	--	1.9	--	NS
SWC-1	1.2	--	5.1	--	--
SWC-2	1.2	--	2.0	--	NS
SWC-3	1.1	--	2.5	--	NS
SWC-4	1.1	--	2.5	--	--
SWC-4A	NS				--
SWC-4B	NS				--
SWC-5	3.8	12	21	0.044	NS
SWC-6	1.5	--	4.8	0.025	5.8
SWC-9	--	--	2.5	--	NS

Location ID	pH (S.U.)	Specific Conductance (µS/cm)	Temperature (°C)	Turbidity (NTU)
SWA-1	DRY			
SWA-2	6.65	37	9.8	2.9
SWC-1	5.49	187	8.5	5.4
SWC-2	6.43	38	9.3	3.0
SWC-3	6.94	62	9.6	3.2
SWC-4	6.65	46	9.5	1.8
SWC-4A	5.83	54	9.8	1.4
SWC-4B	6.25	39	9.3	2.2
SWC-5	6.36	340	8.4	2.5
SWC-6	6.88	153	8.9	3.6
SWC-7	DRY			
SWC-8	DRY			
SWC-9	6.73	50	9.6	2.9

Notes: Surface water samples collected December 4-5, 2024.

-- = Below laboratory reporting limit.

Surface water samples are grab samples.

No VOCs detected in SWC-1, SWC-4, SWC-4A, or SWC-4B samples.

Underlined concentrations are unverified detections.

Acronyms: °C = Degrees Celsius

NTU = Nephelometric Turbidity Units

NS = not sampled/not required

µS/cm = microSiemens per centimeter

S.U. = Standard Units

mg/L = milligrams per liter

ug/L = micrograms per liter

cis-1,2-DCE = cis-1,2-Dichloroethene

TCE = Trichloroethene

Table 7
Summary of Statistically Significant Increases
Forsyth County - Hightower Road MSWLF

Well ID	Appendix I VOCs						Appendix I Metals		
	1,1-DCA	Benzene	cis-1,2-DCE	PCE	TCE	Vinyl Chloride	Total Barium	Total Cobalt	Total Zinc
Phase I Downgradient Groundwater Network Locations									
PH1-GWA-1							X	X	
PH1-GWA-1A									
PH1-GWA-2			X				X		
PH1-GWB-1							X		
PH1-GWB-2									
PH1-GWC-1							X		
PH1-GWC-2			X	X	X				
PH1-GWC-3	X		X	X	X		X		
PH1-GWC-3A			X	X	X		X		
PH1-GWC-4							Purged Dry		
GWC-1							X		
Phase II, III, and IV Downgradient Groundwater Network Locations									
GWA-1A									
GWA-3									
GWC-2									
GWC-3							Purged Dry		
GWC-3A							X		
GWC-4									
GWC-4A									
GWC-5									
GWC-6									
GWC-7									
GWC-8									
GWC-8A			X				X		
GWC-8R	X		X						
GWC-9							X		
GWC-10									
GWC-10A									
GWC-11									
GWC-12									
GWC-12A									
GWC-13									
GWC-14							Purged Dry		
GWC-14A	X	X	X			X	X	X	
GWC-14R	X		X						
GWC-15							Purged Dry		
GWC-16A									
GWC-17							Purged Dry		
GWC-18			X	X			X		
GWC-19R			X				X		
GWC-22									
GWC-23									
GWC-23A									
GWC-24									

Notes: X = Statistically Significant Increase indicated; AMW series wells not statistically evaluated.
Shaded cells indicate a statistically significant level (SSL).
Phase I wells PH1-GWA-3A and PH1-GWA-4 are historically unimpacted and used for upgradient comparison; Phase II-IV wells GWA-1 and GWA-2 are used for upgradient comparison.

Acronyms: 1,1-DCA = 1,1-Dichloroethane PCE = Tetrachloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene TCE = Trichloroethene

Table 8
Confidence Intervals for Comparing the Mean of the Most Recent
Measurements to an Assessment Monitoring Standard
Forsyth County - Hightower Road MSWLF



Well	Parameter	Jun-23	Dec-23	Jun-24	Dec-24	mean	SD	95% LCL	95% UCL	GWPS	95% LCL > GWPS
PH1-GWC-3	PCE	8.3	6.3	7.3	6.7	7.2	0.9	6.1	8.2	5	Yes
PH1-GWC-3	TCE	8.0	1.0	6.3	5.6	5.2	3.0	1.7	8.7	5	No
GWC-14A	cis-1,2-DCE	54	82	57	73	66.5	13.3	50.9	82.1	70	No
GWC-14A	Vinyl Chloride	16	16	27	21	20.0	5.2	13.8	26.2	2	Yes

Notes: Reference: D7048 – 16 Standard Guide for Applying Statistical Methods for Assessment and Corrective Action

Environmental Monitoring Programs

Non-detect values are replaced with half the detection limit.

Acronyms: GWPS = groundwater protection standard

PCE = Tetrachloroethene

SD = standard deviation

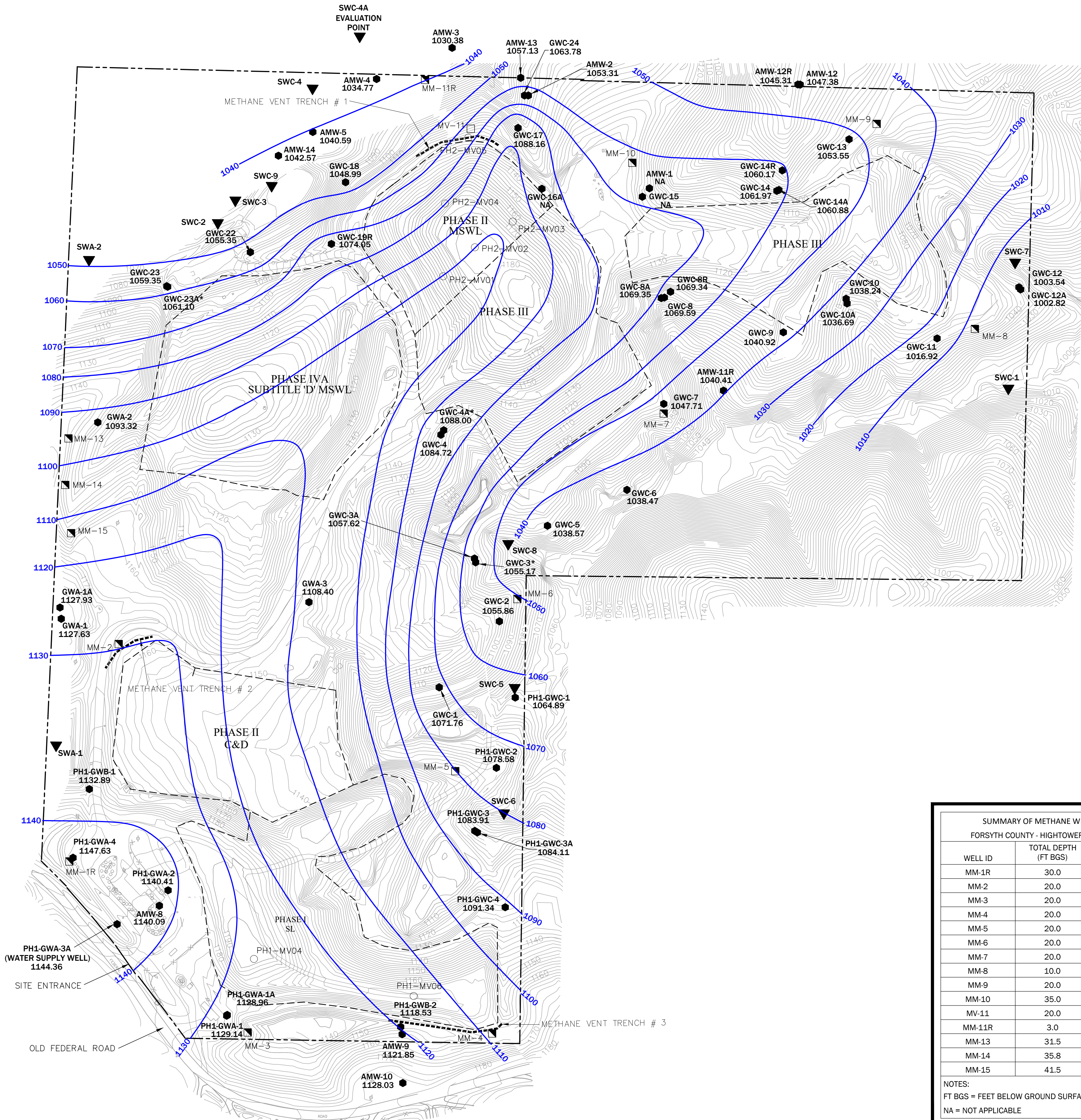
LCL = lower confidence limit

TCE = Trichloroethene

cis-1,2-DCE = cis-1,2-Dichloroethene

UCL = upper control limit

FIGURES



SWC-4B
EVALUATION
POINT



atc

SUMMARY OF METHANE WELL DETAILS		
FORSYTH COUNTY - HIGHTOWER ROAD MSWLF		
WELL ID	TOTAL DEPTH (FT BGS)	SCREEN INTERVAL (FT BGS)
MM-1R	30.0	10.0 - 30.0
MM-2	20.0	10.0 - 20.0
MM-3	20.0	10.0 - 20.0
MM-4	20.0	10.0 - 20.0
MM-5	20.0	10.0 - 20.0
MM-6	20.0	10.0 - 20.0
MM-7	20.0	10.0 - 20.0
MM-8	10.0	5.0 - 10.0
MM-9	20.0	10.0 - 20.0
MM-10	35.0	25.0 - 35.0
MV-11	20.0	10.0 - 20.0
MM-11R	3.0	NA
MM-13	31.5	20.4 - 30.4
MM-14	35.8	24.7 - 34.7
MM-15	41.5	30.4 - 40.4

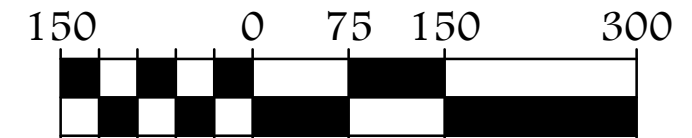
NOTES:
FT BGS = FEET BELOW GROUND SURFACE
NA = NOT APPLICABLE

SUMMARY OF GROUNDWATER ELEVATION DATA				
FORSYTH COUNTY - HIGHTOWER ROAD MSWLF				
DECEMBER 2024 SAMPLING EVENT				
MONITORING WELL ID	TOTAL WELL DEPTH (FT BTOC)	TOC ELEVATION (FT MSL)	DEPTH TO WATER LEVEL (FT BTOC)	GROUNDWATER ELEVATION (FT MSL)
PHASE I GROUNDWATER ELEVATION DATA				
PH1-GWA-1	48.66	1176.37	47.23	1129.14
PH1-GWA-1A	108.00	1176.35	47.39	1128.96
PH1-GWA-2	53.60	1183.40	42.99	1140.41
PH1-GWA-3A	250.00	1187.16	42.80	1144.36
PH1-GWA-4	57.00	1191.14	43.51	1147.63
PH1-GWB-1	53.80	1179.10	46.21	1132.89
PH1-GWB-2	42.22	1155.04	36.51	1118.53
PH1-GWC-1	23.79	1074.66	9.77	1064.89
PH1-GWC-2	127.61	1103.93	25.35	1078.58
PH1-GWC-3	23.42	1096.96	13.05	1083.91
PH1-GWC-3A	55.42	1096.28	12.17	1084.11
PH1-GWC-4	33.71	1124.26	32.92	1091.34
GWC-1	38.80	1102.25	30.49	1071.76
AMW-8	50.40	1186.23	46.14	1040.09
AMW-9	41.69	1162.64	40.79	1121.85
AMW-10	56.81	1180.73	52.70	1128.03
MONITORING WELL ID	TOTAL WELL DEPTH (FT BTOC)	TOC ELEVATION (FT MSL)	DEPTH TO WATER LEVEL (FT BTOC)	GROUNDWATER ELEVATION* (FT MSL)
PHASE II, III, AND IV GROUNDWATER ELEVATION DATA				
GWA-1	62.85	1187.70	60.07	1127.63
GWA-1A	141.00	1187.49	59.56	1127.93
GWA-2	52.18	1137.30	43.98	1093.32
GWA-3	48.86	1154.53	46.13	1108.40
GWC-2	55.61	1103.64	47.78	1055.86
GWC-3	39.71	1092.39	37.22	1055.17
GWC-3A	68.95	1094.67	37.05	1057.62
GWC-4	49.81	1132.82	48.10	1084.72
GWC-4A	89.23	1132.39	44.39	1088.00
GWC-5	49.91	1084.55	45.98	1038.57
GWC-6	34.52	1064.01	25.54	1038.47
GWC-7	54.21	1093.44	45.73	1047.71
GWC-8	27.53	1095.63	26.04	1069.59
GWC-8A	46.71	1095.44	26.09	1069.35
GWC-8R	94.67	1098.40	29.06	1069.34
GWC-9	60.50	1093.58	52.66	1040.92
GWC-10	37.51	1068.56	30.32	1038.24
GWC-10A	54.30	1066.45	29.76	1036.69
GWC-11	46.80	1054.08	37.16	1016.92
GWC-12	40.06	1038.06	34.52	1003.54
GWC-12A	49.44	1038.09	35.27	1002.82
GWC-13	44.95	1090.82	37.27	1053.55
GWC-14	28.37	1089.49	27.52	1061.97
GWC-14A	64.75	1089.32	28.44	1060.88
GWC-14R	93.61	1078.60	18.43	1060.17
GWC-15	62.84	1125.68	DRY	DRY
GWC-16A	51.05	1136.49	DRY	DRY
GWC-17	21.59	1107.78	19.62	1088.16
GWC-18	52.70	1094.87	45.88	1048.99
GWC-19R	39.87	1105.79	31.74	1074.05
GWC-22	35.05	1079.01	23.66	1055.35
GWC-23	32.22	1079.06	19.71	1059.35
GWC-23A	61.67	1079.10	18.00	1061.10
GWC-24	44.09	1102.32	38.54	1063.78
AMW-1	180.70	1130.04	DRY	DRY
AMW-2	150.00	1101.96	DRY	DRY
AMW-3	31.30	1041.09	10.71	1030.38
AMW-4	18.80	1040.09	5.32	1034.77
AMW-5	23.06	1049.32	8.73	1040.59
AMW-11R	58.10	1053.63	13.22	1040.41
AMW-12	19.56	1056.85	9.47	1047.38
AMW-12R	46.43	1056.34	11.03	1045.31
AMW-13	36.18	1093.09	35.96	1057.13
AMW-14	21.70	1052.73	10.16	1042.57

NOTES:
DEPTHS TO WATER MEASURED DECEMBER 2, 2024.
FT BTOC = FEET BELOW TOP OF CASING
FT MSL = FEET MEAN SEA LEVEL
TOC = TOP OF CASING



ATLANTIC COAST CONSULTING, INC.
770-594-5998
www.atfcc.net
Roswell, GA
Savannah, GA
Knoxville, TN



SCALE (IN FEET)

LEGEND	
EXISTING	DESCRIPTION
	PROMINENT TOPOGRAPHIC CONTOUR
	INTERMEDIATE TOPOGRAPHIC CONTOUR
	PROPERTY BOUNDARY
	APPROXIMATE LIMIT OF WASTE
	SURFACE WATER/POND
	GROUNDWATER CONTOUR
	GROUNDWATER FLOW DIRECTION
	GROUNDWATER MONITORING WELL
	ELEVATION IN FEET MEAN SEA LEVEL
	SURFACE WATER MONITORING POINT
	METHANE MONITORING POINT
	METHANE VENT
	METHANE VENT TRENCH
	EXTRACTION POINT WITH FLARE

- ### NOTES
- SURVEY IS PROVIDED BY APPALACHIAN SURVEYING COMPANY IN CUMMING, GEORGIA DATED JANUARY AND APRIL 1998. CONTROL POINT COORDINATES WERE TAKEN FROM THESE SURVEYS.
 - WELL AND PROBE LOCATIONS ARE APPROXIMATE AND BASED ON W.L. JORDEN & CO. DRAWINGS DATED MARCH 3, 1996.
 - GWC-3*, GWC-4A*, GWC-23A*, and AMW-2* ARE NOT USED FOR POTENTIOMETRIC CONTOURS.
 - POTENTIOMETRIC CONTOUR INTERVAL IS 10 FEET.

REVISIONS	
0. INITIAL ISSUE	01/06/2025



FORSYTH COUNTY
HIGHTOWER ROAD LANDFILL

POTENTIOMETRIC SURFACE MAP
DECEMBER 2024

Drawn by: JB

Checked by: CA

QC by: SK

PROJECT NUMBER: G020-113

FIGURE: 1

APPENDICES

APPENDIX A

Laboratory Analytical Results

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Charles Adams
Atlantic Coast Consulting, Inc.
11545 Wills Road
Suite 100
Alpharetta, Georgia 30009

Generated 12/12/2024 1:16:15 PM Revision 1

JOB DESCRIPTION

Forsyth Co-Hightower Road MSWLF

JOB NUMBER

705-14154-1

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Authorized for release by
Nikita Kuruganty, Project Manager
Nikita.Kuruganty@et.eurofinsus.com
(912)354-7858

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Revision 1



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Definitions/Glossary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Chain of Custody Record

Client Information		Sampler: <i>Cam Hunter, J. May</i>		Lab PM: Nikita Kuruganty		Carrier Tracking No(s):		COC No:																													
Client Contact: Charles Adams (cc: Betsy McDaniel)		Phone:		E-Mail: nikita.kuruganty@et.eurofinsus.com		State of Origin: GA		Page: 1 of 4																													
Company: Atlantic Coast Consulting, Inc.		PWSID:		Analysis Requested						Job #:																											
Address: 11545 Wills Road, Suite 100		Due Date Requested:		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) Appendix I VOC Appendix I Metals Alkalinity TDS Cl, SO4, NO3 * SW Metals ** Chloride Cyanide COD TOC Total Number of containers						Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify) Other:																											
City: Alpharetta		TAT Requested (days):																																			
State, Zip: GA, 30009		Compliance Project: ☐ Yes ☐ No																																			
Phone: 770-712-9785 (cell); 770-594-5998 (main)		PO #:																																			
Email: charles.adams@atcc.net		Purchase Order not required																																			
Project Name: Forsyth County - Hightower Road MSWLF		WO #:		Project #: G020-113																																	
Site: 9480 Old Federal Road, Ballground GA 30107		SSOW#:																																			
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Appendix I VOC		Appendix I Metals		Alkalinity		TDS		Cl, SO4, NO3 *		SW Metals **		Chloride		Cyanide		COD		TOC		Total Number of containers		Special Instructions/Note:	
PH1-GWA-1		12/31/24		1020		G		W																													
PH1-GWA-1A		12/12/24		1515		G		W																													
PH1-GWA-1A		12/31/24		0955		G		W																													
PH1-GWA-2		12/31/24		1205		G		W																													
PH1-GWA-4		12/31/24		1120		G		W																													
PH1-GWB-1		12/12/24		1620		G		W																													
PH1-GWB-2		12/12/24		1300		G		W																													
PH1-GWB-1		12/31/24		0925		G		W																													
PH1-GWB-2		12/31/24		0940		G		W																													
PH1-GWC-2		12/31/24		1425		G		W																													
PH1-GWC-3		12/31/24		1515		G		W																													
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																											
Deliverable Requested: I, II, III, IV, Other (specify)										Special Instructions/QC Requirements: * 48-hr holding time nitrate ** Surface Water Metals: As, Ba, Cd, Cr, Pb, Ni, Ag, Se, Zn, Hg																											
Empty Kit Relinquished by:				Date:				Time:				Method of Shipment:																									
Relinquished by: <i>[Signature]</i>				Date/Time: 12-04-24 0712				Company: ACC				Received by: <i>[Signature]</i>				Date/Time: 12-4-24 0712				Company: ACC																	
Relinquished by: <i>[Signature]</i>				Date/Time: 12-4-24 0844				Company: ACC				Received by: <i>[Signature]</i>				Date/Time: 12-4-24 0845				Company: Eurofins																	
Relinquished by:				Date/Time:				Company:				Received by:				Date/Time:				Company:																	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:																																			



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12/12/2024 (Rev. 1)

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Ver: 01/16/2019
12/12/2024 (Rev. 1)

Eurofins Atlanta

3080 Presidential Dr

Atlanta, GA 30340

Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A		Lab PM: Kuruganty, Nikita		Carrier Tracking No(s): N/A		COC No: 705-13241.1		
Client Contact: Shipping/Receiving		Phone: N/A		E-Mail: Nikita.Kuruganty@et.eurofinsus.com		State of Origin: Georgia		Page Page 1 of 2		
Company: Eurofins Environment Testing Southeast L				Accreditations Required (See note): NELAP - Florida				Job #: 705-14154-1		
Address: 481 Newburyport Avenue,		Due Date Requested: 12/10/2024		Analysis Requested				Preservation Codes: -		
City: Altamonte Springs		TAT Requested (days): N/A								
State, Zip: FL, 32701		PO #: N/A								
Phone: 407-339-5984(Tel) 407-260-6110(Fax)		WO #: N/A								
Email: N/A		Project #: 70500872								
Project Name: Forsyth Co-Hightower Road MSWLF		SSOW#: N/A						Other: N/A		
Site: N/A										
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005A App 1 Metals SW6020	Total Number of containers	Special Instructions/Note:
				Preservation Code:						
PH1-GWA-1A (705-14154-3)		12/3/24	09:55 Eastern	G	Water		X			1
PH1-GWB-1 (705-14154-8)		12/3/24	09:25 Eastern	G	Water		X			1
PH1-GWB-2 (705-14154-9)		12/3/24	09:40 Eastern	G	Water		X			1
GWC-3A (705-14154-14)		12/3/24	09:25 Eastern	G	Water		X			1
GWC-4 (705-14154-16)		12/3/24	09:50 Eastern	G	Water		X			1
GWC-4A (705-14154-18)		12/3/24	10:05 Eastern	G	Water		X			1
Field Blank -1 (705-14154-22)		12/3/24	16:15 Eastern	G	Water		X			1
GWC-22 (705-14154-28)		12/3/24	09:40 Eastern	G	Water		X			1
GWC-23 (705-14154-30)		12/3/24	09:20 Eastern	G	Water		X			1
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.										
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
Unconfirmed						☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months				
Deliverable Requested: I, II, III, IV, Other (specify)						Primary Deliverable Rank: 2				
						Special Instructions/QC Requirements:				
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:			
Relinquished by: <i>Domingo T</i>			Date/Time: 12/10/2024		Company:		Received by: <i>BB</i>		Date/Time: 12/15 1000	
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No			Custody Seal No:			Cooler Temperature(s) °C and Other Remarks: 3.4 / 3.2				

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[illegible]

ICOC No:
705-13241

Containers

Count
10

Container Type
Plastic 250ml - with Nitric Acid

Preservative
Nitric Acid

1

2

3

4

5

6

7

8

9

10

11

12

13

Case Narrative

Client: Atlantic Coast Consulting, Inc.
Project: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Job ID: 705-14154-1

Eurofins Atlanta

Job Narrative 705-14154-1

Revision

The report being provided is a revision of the original report sent on 12/11/2024. The report (revision 1) is being revised due to: For client submitted sample AMW-5 (705-14154-36) - missing data for Nitrate, TDS, Chloride, and Sulfate have been reported in this version. No other changes are made to this report.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The samples were received on 12/4/2024 8:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.8°C, 1.3°C, 1.3°C and 1.5°C.

GC/MS VOA

Method 8260D: The CCV for analytical batch 680-867877 recovered outside control limits for the following analyte(s): 2-Hexanone and Iodomethane. These analytes have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Detection Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWA-1

Lab Sample ID: 705-14154-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4		1.0	ug/L	1		8260D	Total/NA
Chloride	1.8		1.0	mg/L	1		9056A	Total/NA
Sulfate	1.2		1.0	mg/L	1		9056A	Total/NA
Alkalinity	35		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	35		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: PH1-GWA-1A

Lab Sample ID: 705-14154-2

No Detections.

Client Sample ID: PH1-GWA-1A

Lab Sample ID: 705-14154-3

No Detections.

Client Sample ID: PH1-GWA-2

Lab Sample ID: 705-14154-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	37		1.0	ug/L	1		8260D	Total/NA
Trichloroethene	1.9		1.0	ug/L	1		8260D	Total/NA
Chloride	3.2	F1	1.0	mg/L	1		9056A	Total/NA
Sulfate	3.4	F1	1.0	mg/L	1		9056A	Total/NA
Alkalinity	35		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	51		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: PH1-GWA-4

Lab Sample ID: 705-14154-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.3		1.0	mg/L	1		9056A	Total/NA
Sulfate	1.2		1.0	mg/L	1		9056A	Total/NA
Alkalinity	4.8		3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: PH1-GWB-1

Lab Sample ID: 705-14154-6

No Detections.

Client Sample ID: PH1-GWB-2

Lab Sample ID: 705-14154-7

No Detections.

Client Sample ID: PH1-GWB-1

Lab Sample ID: 705-14154-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.030		0.022	mg/L	1		6020B	Total Recoverable

Client Sample ID: PH1-GWB-2

Lab Sample ID: 705-14154-9

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.026		0.022	mg/L	1		6020B	Total Recoverable
Zinc	0.031		0.022	mg/L	1		6020B	Total Recoverable

Client Sample ID: PH1-GWC-2

Lab Sample ID: 705-14154-10

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.4		1.0	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWC-2 (Continued)

Lab Sample ID: 705-14154-10

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.2		1.0	ug/L	1		8260D	Total/NA
Tetrachloroethene	3.3		1.0	ug/L	1		8260D	Total/NA
Trichloroethene	2.1		1.0	ug/L	1		8260D	Total/NA
Chloride	2.7		1.0	mg/L	1		9056A	Total/NA
Sulfate	2.6		1.0	mg/L	1		9056A	Total/NA
Alkalinity	76		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	86		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: PH1-GWC-3

Lab Sample ID: 705-14154-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.7		1.0	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	20		1.0	ug/L	1		8260D	Total/NA
Tetrachloroethene	6.7		1.0	ug/L	1		8260D	Total/NA
Trichloroethene	5.6		1.0	ug/L	1		8260D	Total/NA
Chloride	4.9		1.0	mg/L	1		9056A	Total/NA
Sulfate	2.5		1.0	mg/L	1		9056A	Total/NA
Alkalinity	75		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	81		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: PH1-GWC-3A

Lab Sample ID: 705-14154-12

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.7		1.0	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	16		1.0	ug/L	1		8260D	Total/NA
Tetrachloroethene	4.7		1.0	ug/L	1		8260D	Total/NA
Trichloroethene	4.9		1.0	ug/L	1		8260D	Total/NA
Chloride	1.8		1.0	mg/L	1		9056A	Total/NA
Sulfate	1.6		1.0	mg/L	1		9056A	Total/NA
Alkalinity	100		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	110		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: GWC-3A

Lab Sample ID: 705-14154-13

No Detections.

Client Sample ID: GWC-3A

Lab Sample ID: 705-14154-14

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.041		0.022	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWC-4

Lab Sample ID: 705-14154-15

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	2.9		1.0	ug/L	1		8260D	Total/NA

Client Sample ID: GWC-4

Lab Sample ID: 705-14154-16

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.026		0.022	mg/L	1		6020B	Total Recoverable
Zinc	0.029		0.022	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-4A

Lab Sample ID: 705-14154-17

No Detections.

Client Sample ID: GWC-4A

Lab Sample ID: 705-14154-18

No Detections.

Client Sample ID: GWC-8A

Lab Sample ID: 705-14154-19

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.4		1.0	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	7.6		1.0	ug/L	1		8260D	Total/NA
Benzene	1.6		1.0	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	27		1.0	ug/L	1		8260D	Total/NA
Chloride	5.1		1.0	mg/L	1		9056A	Total/NA
Sulfate	1.5		1.0	mg/L	1		9056A	Total/NA
Alkalinity	110		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	120		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: GWC-8R

Lab Sample ID: 705-14154-20

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.5		1.0	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	2.3		1.0	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	24		1.0	ug/L	1		8260D	Total/NA
Chloride	1.8		1.0	mg/L	1		9056A	Total/NA
Sulfate	3.3		1.0	mg/L	1		9056A	Total/NA
Alkalinity	150		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	160		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: AMW-14

Lab Sample ID: 705-14154-21

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.6		1.0	mg/L	1		9056A	Total/NA
Sulfate	2.9		1.0	mg/L	1		9056A	Total/NA
Alkalinity	30		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	54		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: Field Blank -1

Lab Sample ID: 705-14154-22

No Detections.

Client Sample ID: GWC-14A

Lab Sample ID: 705-14154-23

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	18		1.0	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	1.7		1.0	ug/L	1		8260D	Total/NA
Benzene	2.9		1.0	ug/L	1		8260D	Total/NA
Chlorobenzene	9.1		1.0	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	73		1.0	ug/L	1		8260D	Total/NA
Trichloroethene	2.1		1.0	ug/L	1		8260D	Total/NA
Vinyl chloride	21		1.0	ug/L	1		8260D	Total/NA
Chloride	15		1.0	mg/L	1		9056A	Total/NA
Sulfate	2.9		1.0	mg/L	1		9056A	Total/NA
Alkalinity	160		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	180		10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-14R

Lab Sample ID: 705-14154-24

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	7.7		1.0	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	1.1		1.0	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	15		1.0	ug/L	1		8260D	Total/NA
Trichloroethene	1.8		1.0	ug/L	1		8260D	Total/NA
Chloride	4.3		1.0	mg/L	1		9056A	Total/NA
Sulfate	3.4		1.0	mg/L	1		9056A	Total/NA
Alkalinity	160		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	170		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: GWC-18

Lab Sample ID: 705-14154-25

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	23		1.0	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.5		1.0	ug/L	1		8260D	Total/NA
Trichloroethene	1.5		1.0	ug/L	1		8260D	Total/NA
Chloride	5.0		1.0	mg/L	1		9056A	Total/NA
Nitrate as N	0.87		0.25	mg/L	1		9056A	Total/NA
Sulfate	1.4		1.0	mg/L	1		9056A	Total/NA
Alkalinity	34		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	36		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: GWC-19R

Lab Sample ID: 705-14154-26

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.9		1.0	ug/L	1		8260D	Total/NA
Chloride	1.4		1.0	mg/L	1		9056A	Total/NA
Sulfate	3.1		1.0	mg/L	1		9056A	Total/NA
Alkalinity	44		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	42		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: GWC-22

Lab Sample ID: 705-14154-27

No Detections.

Client Sample ID: GWC-22

Lab Sample ID: 705-14154-28

No Detections.

Client Sample ID: GWC-23

Lab Sample ID: 705-14154-29

No Detections.

Client Sample ID: GWC-23

Lab Sample ID: 705-14154-30

No Detections.

Client Sample ID: GWC-23A

Lab Sample ID: 705-14154-31

No Detections.

Client Sample ID: GWC-23A

Lab Sample ID: 705-14154-32

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-24

Lab Sample ID: 705-14154-33

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.0		1.0	mg/L	1		9056A	Total/NA
Sulfate	2.9		1.0	mg/L	1		9056A	Total/NA
Alkalinity	14		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	27		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: AMW-2

Lab Sample ID: 705-14154-34

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		1.0	mg/L	1		9056A	Total/NA
Nitrate as N	0.43		0.25	mg/L	1		9056A	Total/NA
Sulfate	5.7		1.0	mg/L	1		9056A	Total/NA
Alkalinity	56		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	97		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: AMW-4

Lab Sample ID: 705-14154-35

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.4		1.0	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	18		1.0	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.9		1.0	ug/L	1		8260D	Total/NA
Trichloroethene	1.5		1.0	ug/L	1		8260D	Total/NA
Chloride	2.7		1.0	mg/L	1		9056A	Total/NA
Sulfate	1.5		1.0	mg/L	1		9056A	Total/NA
Alkalinity	38		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	61		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: AMW-5

Lab Sample ID: 705-14154-36

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.6		1.0	ug/L	1		8260D	Total/NA
Chloride	3.0		1.0	mg/L	1		9056A	Total/NA
Sulfate	3.3		1.0	mg/L	1		9056A	Total/NA
Alkalinity	30		3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	70		10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: TB-1

Lab Sample ID: 705-14154-37

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWA-1

Lab Sample ID: 705-14154-1

Date Collected: 12/03/24 10:20

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/08/24 23:36	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/08/24 23:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/08/24 23:36	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/08/24 23:36	1
1,1-Dichloroethane	ND		1.0	ug/L			12/08/24 23:36	1
1,1-Dichloroethene	ND		1.0	ug/L			12/08/24 23:36	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/08/24 23:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 23:36	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 23:36	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/08/24 23:36	1
1,2-Dichloroethane	ND		1.0	ug/L			12/08/24 23:36	1
1,2-Dichloropropane	ND		1.0	ug/L			12/08/24 23:36	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/08/24 23:36	1
2-Butanone	ND		10	ug/L			12/08/24 23:36	1
2-Hexanone	ND		10	ug/L			12/08/24 23:36	1
4-Methyl-2-pentanone	ND		10	ug/L			12/08/24 23:36	1
Acetone	ND		10	ug/L			12/08/24 23:36	1
Acrylonitrile	ND		20	ug/L			12/08/24 23:36	1
Benzene	ND		1.0	ug/L			12/08/24 23:36	1
Bromochloromethane	ND		1.0	ug/L			12/08/24 23:36	1
Bromodichloromethane	ND		1.0	ug/L			12/08/24 23:36	1
Bromoform	ND		1.0	ug/L			12/08/24 23:36	1
Bromomethane	ND		5.0	ug/L			12/08/24 23:36	1
Carbon disulfide	ND		2.0	ug/L			12/08/24 23:36	1
Carbon tetrachloride	ND		1.0	ug/L			12/08/24 23:36	1
Chlorobenzene	ND		1.0	ug/L			12/08/24 23:36	1
Chloroethane	ND		5.0	ug/L			12/08/24 23:36	1
Chloroform	ND		1.0	ug/L			12/08/24 23:36	1
Chloromethane	ND		1.0	ug/L			12/08/24 23:36	1
cis-1,2-Dichloroethene	1.4		1.0	ug/L			12/08/24 23:36	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/08/24 23:36	1
Dibromochloromethane	ND		1.0	ug/L			12/08/24 23:36	1
Dibromomethane	ND		1.0	ug/L			12/08/24 23:36	1
Ethylbenzene	ND		1.0	ug/L			12/08/24 23:36	1
Iodomethane	ND		10	ug/L			12/08/24 23:36	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 23:36	1
Styrene	ND		1.0	ug/L			12/08/24 23:36	1
Tetrachloroethene	ND		1.0	ug/L			12/08/24 23:36	1
Toluene	ND		1.0	ug/L			12/08/24 23:36	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/08/24 23:36	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/08/24 23:36	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/08/24 23:36	1
Trichloroethene	ND		1.0	ug/L			12/08/24 23:36	1
Trichlorofluoromethane	ND		1.0	ug/L			12/08/24 23:36	1
Vinyl acetate	ND		2.0	ug/L			12/08/24 23:36	1
Vinyl chloride	ND		1.0	ug/L			12/08/24 23:36	1
Xylenes, Total	ND		1.0	ug/L			12/08/24 23:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/08/24 23:36	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWA-1

Lab Sample ID: 705-14154-1

Date Collected: 12/03/24 10:20

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		12/08/24 23:36	1
4-Bromofluorobenzene (Surr)	101		70 - 130		12/08/24 23:36	1
Toluene-d8 (Surr)	97		70 - 130		12/08/24 23:36	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	mg/L			12/04/24 21:04	1
Nitrate as N	ND		0.25	mg/L			12/04/24 21:04	1
Sulfate	1.2		1.0	mg/L			12/04/24 21:04	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	35		3.0	mg/L			12/05/24 12:15	1
Total Dissolved Solids (SM 2540C - 2015)	35		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWA-1A

Lab Sample ID: 705-14154-2

Date Collected: 12/02/24 15:15

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/08/24 23:58	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/08/24 23:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/08/24 23:58	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/08/24 23:58	1
1,1-Dichloroethane	ND		1.0	ug/L			12/08/24 23:58	1
1,1-Dichloroethene	ND		1.0	ug/L			12/08/24 23:58	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/08/24 23:58	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 23:58	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 23:58	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/08/24 23:58	1
1,2-Dichloroethane	ND		1.0	ug/L			12/08/24 23:58	1
1,2-Dichloropropane	ND		1.0	ug/L			12/08/24 23:58	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/08/24 23:58	1
2-Butanone	ND		10	ug/L			12/08/24 23:58	1
2-Hexanone	ND		10	ug/L			12/08/24 23:58	1
4-Methyl-2-pentanone	ND		10	ug/L			12/08/24 23:58	1
Acetone	ND		10	ug/L			12/08/24 23:58	1
Acrylonitrile	ND		20	ug/L			12/08/24 23:58	1
Benzene	ND		1.0	ug/L			12/08/24 23:58	1
Bromochloromethane	ND		1.0	ug/L			12/08/24 23:58	1
Bromodichloromethane	ND		1.0	ug/L			12/08/24 23:58	1
Bromoform	ND		1.0	ug/L			12/08/24 23:58	1
Bromomethane	ND		5.0	ug/L			12/08/24 23:58	1
Carbon disulfide	ND		2.0	ug/L			12/08/24 23:58	1
Carbon tetrachloride	ND		1.0	ug/L			12/08/24 23:58	1
Chlorobenzene	ND		1.0	ug/L			12/08/24 23:58	1
Chloroethane	ND		5.0	ug/L			12/08/24 23:58	1
Chloroform	ND		1.0	ug/L			12/08/24 23:58	1
Chloromethane	ND		1.0	ug/L			12/08/24 23:58	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/08/24 23:58	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/08/24 23:58	1
Dibromochloromethane	ND		1.0	ug/L			12/08/24 23:58	1
Dibromomethane	ND		1.0	ug/L			12/08/24 23:58	1
Ethylbenzene	ND		1.0	ug/L			12/08/24 23:58	1
Iodomethane	ND		10	ug/L			12/08/24 23:58	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 23:58	1
Styrene	ND		1.0	ug/L			12/08/24 23:58	1
Tetrachloroethene	ND		1.0	ug/L			12/08/24 23:58	1
Toluene	ND		1.0	ug/L			12/08/24 23:58	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/08/24 23:58	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/08/24 23:58	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/08/24 23:58	1
Trichloroethene	ND		1.0	ug/L			12/08/24 23:58	1
Trichlorofluoromethane	ND		1.0	ug/L			12/08/24 23:58	1
Vinyl acetate	ND		2.0	ug/L			12/08/24 23:58	1
Vinyl chloride	ND		1.0	ug/L			12/08/24 23:58	1
Xylenes, Total	ND		1.0	ug/L			12/08/24 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/08/24 23:58	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWA-1A
Date Collected: 12/02/24 15:15
Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		12/08/24 23:58	1
4-Bromofluorobenzene (Surr)	101		70 - 130		12/08/24 23:58	1
Toluene-d8 (Surr)	96		70 - 130		12/08/24 23:58	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWA-1A

Lab Sample ID: 705-14154-3

Date Collected: 12/03/24 09:55

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0067	mg/L		12/05/24 15:59	12/06/24 18:08	1
Arsenic	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:08	1
Barium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:08	1
Beryllium	ND		0.0033	mg/L		12/05/24 15:59	12/06/24 18:08	1
Cadmium	ND		0.0056	mg/L		12/05/24 15:59	12/06/24 18:08	1
Chromium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:08	1
Cobalt	ND		0.044	mg/L		12/05/24 15:59	12/06/24 18:08	1
Copper	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:08	1
Lead	ND		0.017	mg/L		12/05/24 15:59	12/06/24 18:08	1
Nickel	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:08	1
Selenium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:08	1
Silver	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:08	1
Thallium	ND		0.0022	mg/L		12/05/24 15:59	12/06/24 18:08	1
Vanadium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:08	1
Zinc	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:08	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWA-2

Lab Sample ID: 705-14154-4

Date Collected: 12/03/24 12:05

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 00:19	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 00:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 00:19	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 00:19	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 00:19	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 00:19	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 00:19	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 00:19	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 00:19	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 00:19	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 00:19	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 00:19	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 00:19	1
2-Butanone	ND		10	ug/L			12/09/24 00:19	1
2-Hexanone	ND		10	ug/L			12/09/24 00:19	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 00:19	1
Acetone	ND		10	ug/L			12/09/24 00:19	1
Acrylonitrile	ND		20	ug/L			12/09/24 00:19	1
Benzene	ND		1.0	ug/L			12/09/24 00:19	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 00:19	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 00:19	1
Bromoform	ND		1.0	ug/L			12/09/24 00:19	1
Bromomethane	ND		5.0	ug/L			12/09/24 00:19	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 00:19	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 00:19	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 00:19	1
Chloroethane	ND		5.0	ug/L			12/09/24 00:19	1
Chloroform	ND		1.0	ug/L			12/09/24 00:19	1
Chloromethane	ND		1.0	ug/L			12/09/24 00:19	1
cis-1,2-Dichloroethene	37		1.0	ug/L			12/09/24 00:19	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 00:19	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 00:19	1
Dibromomethane	ND		1.0	ug/L			12/09/24 00:19	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 00:19	1
Iodomethane	ND		10	ug/L			12/09/24 00:19	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 00:19	1
Styrene	ND		1.0	ug/L			12/09/24 00:19	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 00:19	1
Toluene	ND		1.0	ug/L			12/09/24 00:19	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 00:19	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 00:19	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 00:19	1
Trichloroethene	1.9		1.0	ug/L			12/09/24 00:19	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 00:19	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 00:19	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 00:19	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 00:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/09/24 00:19	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWA-2

Lab Sample ID: 705-14154-4

Date Collected: 12/03/24 12:05

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		12/09/24 00:19	1
4-Bromofluorobenzene (Surr)	101		70 - 130		12/09/24 00:19	1
Toluene-d8 (Surr)	96		70 - 130		12/09/24 00:19	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.2	F1	1.0	mg/L			12/08/24 10:08	1
Nitrate as N	ND		0.25	mg/L			12/05/24 00:59	1
Sulfate	3.4	F1	1.0	mg/L			12/08/24 10:08	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	35		3.0	mg/L			12/05/24 12:15	1
Total Dissolved Solids (SM 2540C - 2015)	51		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWA-4

Lab Sample ID: 705-14154-5

Date Collected: 12/03/24 11:20

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 00:41	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 00:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 00:41	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 00:41	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 00:41	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 00:41	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 00:41	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 00:41	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 00:41	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 00:41	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 00:41	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 00:41	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 00:41	1
2-Butanone	ND		10	ug/L			12/09/24 00:41	1
2-Hexanone	ND		10	ug/L			12/09/24 00:41	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 00:41	1
Acetone	ND		10	ug/L			12/09/24 00:41	1
Acrylonitrile	ND		20	ug/L			12/09/24 00:41	1
Benzene	ND		1.0	ug/L			12/09/24 00:41	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 00:41	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 00:41	1
Bromoform	ND		1.0	ug/L			12/09/24 00:41	1
Bromomethane	ND		5.0	ug/L			12/09/24 00:41	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 00:41	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 00:41	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 00:41	1
Chloroethane	ND		5.0	ug/L			12/09/24 00:41	1
Chloroform	ND		1.0	ug/L			12/09/24 00:41	1
Chloromethane	ND		1.0	ug/L			12/09/24 00:41	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 00:41	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 00:41	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 00:41	1
Dibromomethane	ND		1.0	ug/L			12/09/24 00:41	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 00:41	1
Iodomethane	ND		10	ug/L			12/09/24 00:41	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 00:41	1
Styrene	ND		1.0	ug/L			12/09/24 00:41	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 00:41	1
Toluene	ND		1.0	ug/L			12/09/24 00:41	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 00:41	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 00:41	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 00:41	1
Trichloroethene	ND		1.0	ug/L			12/09/24 00:41	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 00:41	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 00:41	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 00:41	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/09/24 00:41	1

Eurolins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWA-4

Lab Sample ID: 705-14154-5

Date Collected: 12/03/24 11:20

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	92		70 - 130		12/09/24 00:41	1
4-Bromofluorobenzene (Surr)	100		70 - 130		12/09/24 00:41	1
Toluene-d8 (Surr)	98		70 - 130		12/09/24 00:41	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		1.0	mg/L			12/04/24 23:25	1
Nitrate as N	ND		0.25	mg/L			12/04/24 23:25	1
Sulfate	1.2		1.0	mg/L			12/04/24 23:25	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	4.8		3.0	mg/L			12/05/24 12:15	1
Total Dissolved Solids (SM 2540C - 2015)	ND		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWB-1

Lab Sample ID: 705-14154-6

Date Collected: 12/02/24 16:20

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 01:03	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 01:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 01:03	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 01:03	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 01:03	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 01:03	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 01:03	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 01:03	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 01:03	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 01:03	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 01:03	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 01:03	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 01:03	1
2-Butanone	ND		10	ug/L			12/09/24 01:03	1
2-Hexanone	ND		10	ug/L			12/09/24 01:03	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 01:03	1
Acetone	ND		10	ug/L			12/09/24 01:03	1
Acrylonitrile	ND		20	ug/L			12/09/24 01:03	1
Benzene	ND		1.0	ug/L			12/09/24 01:03	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 01:03	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 01:03	1
Bromoform	ND		1.0	ug/L			12/09/24 01:03	1
Bromomethane	ND		5.0	ug/L			12/09/24 01:03	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 01:03	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 01:03	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 01:03	1
Chloroethane	ND		5.0	ug/L			12/09/24 01:03	1
Chloroform	ND		1.0	ug/L			12/09/24 01:03	1
Chloromethane	ND		1.0	ug/L			12/09/24 01:03	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 01:03	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 01:03	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 01:03	1
Dibromomethane	ND		1.0	ug/L			12/09/24 01:03	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 01:03	1
Iodomethane	ND		10	ug/L			12/09/24 01:03	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 01:03	1
Styrene	ND		1.0	ug/L			12/09/24 01:03	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 01:03	1
Toluene	ND		1.0	ug/L			12/09/24 01:03	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 01:03	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 01:03	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 01:03	1
Trichloroethene	ND		1.0	ug/L			12/09/24 01:03	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 01:03	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 01:03	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 01:03	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 01:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/09/24 01:03	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWB-1

Lab Sample ID: 705-14154-6

Date Collected: 12/02/24 16:20

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		12/09/24 01:03	1
4-Bromofluorobenzene (Surr)	103		70 - 130		12/09/24 01:03	1
Toluene-d8 (Surr)	96		70 - 130		12/09/24 01:03	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWB-2

Lab Sample ID: 705-14154-7

Date Collected: 12/02/24 13:00

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 01:25	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 01:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 01:25	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 01:25	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 01:25	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 01:25	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 01:25	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 01:25	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 01:25	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 01:25	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 01:25	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 01:25	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 01:25	1
2-Butanone	ND		10	ug/L			12/09/24 01:25	1
2-Hexanone	ND		10	ug/L			12/09/24 01:25	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 01:25	1
Acetone	ND		10	ug/L			12/09/24 01:25	1
Acrylonitrile	ND		20	ug/L			12/09/24 01:25	1
Benzene	ND		1.0	ug/L			12/09/24 01:25	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 01:25	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 01:25	1
Bromoform	ND		1.0	ug/L			12/09/24 01:25	1
Bromomethane	ND		5.0	ug/L			12/09/24 01:25	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 01:25	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 01:25	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 01:25	1
Chloroethane	ND		5.0	ug/L			12/09/24 01:25	1
Chloroform	ND		1.0	ug/L			12/09/24 01:25	1
Chloromethane	ND		1.0	ug/L			12/09/24 01:25	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 01:25	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 01:25	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 01:25	1
Dibromomethane	ND		1.0	ug/L			12/09/24 01:25	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 01:25	1
Iodomethane	ND		10	ug/L			12/09/24 01:25	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 01:25	1
Styrene	ND		1.0	ug/L			12/09/24 01:25	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 01:25	1
Toluene	ND		1.0	ug/L			12/09/24 01:25	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 01:25	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 01:25	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 01:25	1
Trichloroethene	ND		1.0	ug/L			12/09/24 01:25	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 01:25	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 01:25	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 01:25	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 01:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		12/09/24 01:25	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWB-2
Date Collected: 12/02/24 13:00
Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		12/09/24 01:25	1
4-Bromofluorobenzene (Surr)	101		70 - 130		12/09/24 01:25	1
Toluene-d8 (Surr)	97		70 - 130		12/09/24 01:25	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWB-1

Lab Sample ID: 705-14154-8

Date Collected: 12/03/24 09:25

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0067	mg/L		12/05/24 15:59	12/06/24 18:12	1
Arsenic	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:12	1
Barium	0.030		0.022	mg/L		12/05/24 15:59	12/06/24 18:12	1
Beryllium	ND		0.0033	mg/L		12/05/24 15:59	12/06/24 18:12	1
Cadmium	ND		0.0056	mg/L		12/05/24 15:59	12/06/24 18:12	1
Chromium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:12	1
Cobalt	ND		0.044	mg/L		12/05/24 15:59	12/06/24 18:12	1
Copper	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:12	1
Lead	ND		0.017	mg/L		12/05/24 15:59	12/06/24 18:12	1
Nickel	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:12	1
Selenium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:12	1
Silver	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:12	1
Thallium	ND		0.0022	mg/L		12/05/24 15:59	12/06/24 18:12	1
Vanadium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:12	1
Zinc	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:12	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWB-2

Lab Sample ID: 705-14154-9

Date Collected: 12/03/24 09:40

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0067	mg/L		12/05/24 15:59	12/06/24 18:14	1
Arsenic	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:14	1
Barium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:14	1
Beryllium	ND		0.0033	mg/L		12/05/24 15:59	12/06/24 18:14	1
Cadmium	ND		0.0056	mg/L		12/05/24 15:59	12/06/24 18:14	1
Chromium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:14	1
Cobalt	ND		0.044	mg/L		12/05/24 15:59	12/06/24 18:14	1
Copper	0.026		0.022	mg/L		12/05/24 15:59	12/06/24 18:14	1
Lead	ND		0.017	mg/L		12/05/24 15:59	12/06/24 18:14	1
Nickel	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:14	1
Selenium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:14	1
Silver	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:14	1
Thallium	ND		0.0022	mg/L		12/05/24 15:59	12/06/24 18:14	1
Vanadium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:14	1
Zinc	0.031		0.022	mg/L		12/05/24 15:59	12/06/24 18:14	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWC-2

Lab Sample ID: 705-14154-10

Date Collected: 12/03/24 14:25

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 01:47	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 01:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 01:47	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 01:47	1
1,1-Dichloroethane	1.4		1.0	ug/L			12/09/24 01:47	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 01:47	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 01:47	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 01:47	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 01:47	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 01:47	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 01:47	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 01:47	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 01:47	1
2-Butanone	ND		10	ug/L			12/09/24 01:47	1
2-Hexanone	ND		10	ug/L			12/09/24 01:47	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 01:47	1
Acetone	ND		10	ug/L			12/09/24 01:47	1
Acrylonitrile	ND		20	ug/L			12/09/24 01:47	1
Benzene	ND		1.0	ug/L			12/09/24 01:47	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 01:47	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 01:47	1
Bromoform	ND		1.0	ug/L			12/09/24 01:47	1
Bromomethane	ND		5.0	ug/L			12/09/24 01:47	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 01:47	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 01:47	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 01:47	1
Chloroethane	ND		5.0	ug/L			12/09/24 01:47	1
Chloroform	ND		1.0	ug/L			12/09/24 01:47	1
Chloromethane	ND		1.0	ug/L			12/09/24 01:47	1
cis-1,2-Dichloroethene	8.2		1.0	ug/L			12/09/24 01:47	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 01:47	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 01:47	1
Dibromomethane	ND		1.0	ug/L			12/09/24 01:47	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 01:47	1
Iodomethane	ND		10	ug/L			12/09/24 01:47	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 01:47	1
Styrene	ND		1.0	ug/L			12/09/24 01:47	1
Tetrachloroethene	3.3		1.0	ug/L			12/09/24 01:47	1
Toluene	ND		1.0	ug/L			12/09/24 01:47	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 01:47	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 01:47	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 01:47	1
Trichloroethene	2.1		1.0	ug/L			12/09/24 01:47	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 01:47	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 01:47	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 01:47	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 01:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/09/24 01:47	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWC-2

Lab Sample ID: 705-14154-10

Date Collected: 12/03/24 14:25

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		12/09/24 01:47	1
4-Bromofluorobenzene (Surr)	102		70 - 130		12/09/24 01:47	1
Toluene-d8 (Surr)	97		70 - 130		12/09/24 01:47	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	mg/L			12/05/24 05:42	1
Nitrate as N	ND		0.25	mg/L			12/05/24 05:42	1
Sulfate	2.6		1.0	mg/L			12/08/24 11:44	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	76		3.0	mg/L			12/05/24 12:15	1
Total Dissolved Solids (SM 2540C - 2015)	86		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWC-3

Lab Sample ID: 705-14154-11

Date Collected: 12/03/24 15:15

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 02:09	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 02:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 02:09	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 02:09	1
1,1-Dichloroethane	2.7		1.0	ug/L			12/09/24 02:09	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 02:09	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 02:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 02:09	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 02:09	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 02:09	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 02:09	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 02:09	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 02:09	1
2-Butanone	ND		10	ug/L			12/09/24 02:09	1
2-Hexanone	ND		10	ug/L			12/09/24 02:09	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 02:09	1
Acetone	ND		10	ug/L			12/09/24 02:09	1
Acrylonitrile	ND		20	ug/L			12/09/24 02:09	1
Benzene	ND		1.0	ug/L			12/09/24 02:09	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 02:09	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 02:09	1
Bromoform	ND		1.0	ug/L			12/09/24 02:09	1
Bromomethane	ND		5.0	ug/L			12/09/24 02:09	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 02:09	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 02:09	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 02:09	1
Chloroethane	ND		5.0	ug/L			12/09/24 02:09	1
Chloroform	ND		1.0	ug/L			12/09/24 02:09	1
Chloromethane	ND		1.0	ug/L			12/09/24 02:09	1
cis-1,2-Dichloroethene	20		1.0	ug/L			12/09/24 02:09	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 02:09	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 02:09	1
Dibromomethane	ND		1.0	ug/L			12/09/24 02:09	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 02:09	1
Iodomethane	ND		10	ug/L			12/09/24 02:09	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 02:09	1
Styrene	ND		1.0	ug/L			12/09/24 02:09	1
Tetrachloroethene	6.7		1.0	ug/L			12/09/24 02:09	1
Toluene	ND		1.0	ug/L			12/09/24 02:09	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 02:09	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 02:09	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 02:09	1
Trichloroethene	5.6		1.0	ug/L			12/09/24 02:09	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 02:09	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 02:09	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 02:09	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 02:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/09/24 02:09	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWC-3

Lab Sample ID: 705-14154-11

Date Collected: 12/03/24 15:15

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	90		70 - 130		12/09/24 02:09	1
4-Bromofluorobenzene (Surr)	100		70 - 130		12/09/24 02:09	1
Toluene-d8 (Surr)	96		70 - 130		12/09/24 02:09	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.9		1.0	mg/L			12/05/24 05:54	1
Nitrate as N	ND		0.25	mg/L			12/05/24 05:54	1
Sulfate	2.5		1.0	mg/L			12/08/24 11:56	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	75		3.0	mg/L			12/05/24 12:15	1
Total Dissolved Solids (SM 2540C - 2015)	81		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWC-3A

Lab Sample ID: 705-14154-12

Date Collected: 12/03/24 15:56

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 02:31	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 02:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 02:31	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 02:31	1
1,1-Dichloroethane	1.7		1.0	ug/L			12/09/24 02:31	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 02:31	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 02:31	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 02:31	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 02:31	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 02:31	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 02:31	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 02:31	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 02:31	1
2-Butanone	ND		10	ug/L			12/09/24 02:31	1
2-Hexanone	ND		10	ug/L			12/09/24 02:31	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 02:31	1
Acetone	ND		10	ug/L			12/09/24 02:31	1
Acrylonitrile	ND		20	ug/L			12/09/24 02:31	1
Benzene	ND		1.0	ug/L			12/09/24 02:31	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 02:31	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 02:31	1
Bromoform	ND		1.0	ug/L			12/09/24 02:31	1
Bromomethane	ND		5.0	ug/L			12/09/24 02:31	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 02:31	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 02:31	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 02:31	1
Chloroethane	ND		5.0	ug/L			12/09/24 02:31	1
Chloroform	ND		1.0	ug/L			12/09/24 02:31	1
Chloromethane	ND		1.0	ug/L			12/09/24 02:31	1
cis-1,2-Dichloroethene	16		1.0	ug/L			12/09/24 02:31	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 02:31	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 02:31	1
Dibromomethane	ND		1.0	ug/L			12/09/24 02:31	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 02:31	1
Iodomethane	ND		10	ug/L			12/09/24 02:31	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 02:31	1
Styrene	ND		1.0	ug/L			12/09/24 02:31	1
Tetrachloroethene	4.7		1.0	ug/L			12/09/24 02:31	1
Toluene	ND		1.0	ug/L			12/09/24 02:31	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 02:31	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 02:31	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 02:31	1
Trichloroethene	4.9		1.0	ug/L			12/09/24 02:31	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 02:31	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 02:31	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 02:31	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 02:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/09/24 02:31	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWC-3A

Lab Sample ID: 705-14154-12

Date Collected: 12/03/24 15:56

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		12/09/24 02:31	1
4-Bromofluorobenzene (Surr)	100		70 - 130		12/09/24 02:31	1
Toluene-d8 (Surr)	97		70 - 130		12/09/24 02:31	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	mg/L			12/05/24 07:05	1
Nitrate as N	ND		0.25	mg/L			12/05/24 07:05	1
Sulfate	1.6		1.0	mg/L			12/08/24 12:08	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	100		3.0	mg/L			12/05/24 12:15	1
Total Dissolved Solids (SM 2540C - 2015)	110		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-3A

Lab Sample ID: 705-14154-13

Date Collected: 12/02/24 14:10

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 02:52	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 02:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 02:52	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 02:52	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 02:52	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 02:52	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 02:52	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 02:52	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 02:52	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 02:52	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 02:52	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 02:52	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 02:52	1
2-Butanone	ND		10	ug/L			12/09/24 02:52	1
2-Hexanone	ND		10	ug/L			12/09/24 02:52	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 02:52	1
Acetone	ND		10	ug/L			12/09/24 02:52	1
Acrylonitrile	ND		20	ug/L			12/09/24 02:52	1
Benzene	ND		1.0	ug/L			12/09/24 02:52	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 02:52	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 02:52	1
Bromoform	ND		1.0	ug/L			12/09/24 02:52	1
Bromomethane	ND		5.0	ug/L			12/09/24 02:52	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 02:52	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 02:52	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 02:52	1
Chloroethane	ND		5.0	ug/L			12/09/24 02:52	1
Chloroform	ND		1.0	ug/L			12/09/24 02:52	1
Chloromethane	ND		1.0	ug/L			12/09/24 02:52	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 02:52	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 02:52	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 02:52	1
Dibromomethane	ND		1.0	ug/L			12/09/24 02:52	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 02:52	1
Iodomethane	ND		10	ug/L			12/09/24 02:52	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 02:52	1
Styrene	ND		1.0	ug/L			12/09/24 02:52	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 02:52	1
Toluene	ND		1.0	ug/L			12/09/24 02:52	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 02:52	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 02:52	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 02:52	1
Trichloroethene	ND		1.0	ug/L			12/09/24 02:52	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 02:52	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 02:52	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 02:52	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 02:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/09/24 02:52	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-3A
Date Collected: 12/02/24 14:10
Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	90		70 - 130		12/09/24 02:52	1
4-Bromofluorobenzene (Surr)	102		70 - 130		12/09/24 02:52	1
Toluene-d8 (Surr)	98		70 - 130		12/09/24 02:52	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-3A

Lab Sample ID: 705-14154-14

Date Collected: 12/03/24 09:25

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0067	mg/L		12/05/24 15:59	12/06/24 18:16	1
Arsenic	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:16	1
Barium	0.041		0.022	mg/L		12/05/24 15:59	12/06/24 18:16	1
Beryllium	ND		0.0033	mg/L		12/05/24 15:59	12/06/24 18:16	1
Cadmium	ND		0.0056	mg/L		12/05/24 15:59	12/06/24 18:16	1
Chromium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:16	1
Cobalt	ND		0.044	mg/L		12/05/24 15:59	12/06/24 18:16	1
Copper	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:16	1
Lead	ND		0.017	mg/L		12/05/24 15:59	12/06/24 18:16	1
Nickel	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:16	1
Selenium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:16	1
Silver	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:16	1
Thallium	ND		0.0022	mg/L		12/05/24 15:59	12/06/24 18:16	1
Vanadium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:16	1
Zinc	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:16	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-4

Lab Sample ID: 705-14154-15

Date Collected: 12/02/24 15:15

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 03:14	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 03:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 03:14	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 03:14	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 03:14	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 03:14	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 03:14	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 03:14	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 03:14	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 03:14	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 03:14	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 03:14	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 03:14	1
2-Butanone	ND		10	ug/L			12/09/24 03:14	1
2-Hexanone	ND		10	ug/L			12/09/24 03:14	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 03:14	1
Acetone	ND		10	ug/L			12/09/24 03:14	1
Acrylonitrile	ND		20	ug/L			12/09/24 03:14	1
Benzene	ND		1.0	ug/L			12/09/24 03:14	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 03:14	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 03:14	1
Bromoform	ND		1.0	ug/L			12/09/24 03:14	1
Bromomethane	ND		5.0	ug/L			12/09/24 03:14	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 03:14	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 03:14	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 03:14	1
Chloroethane	ND		5.0	ug/L			12/09/24 03:14	1
Chloroform	ND		1.0	ug/L			12/09/24 03:14	1
Chloromethane	ND		1.0	ug/L			12/09/24 03:14	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 03:14	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 03:14	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 03:14	1
Dibromomethane	ND		1.0	ug/L			12/09/24 03:14	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 03:14	1
Iodomethane	ND		10	ug/L			12/09/24 03:14	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 03:14	1
Styrene	ND		1.0	ug/L			12/09/24 03:14	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 03:14	1
Toluene	ND		1.0	ug/L			12/09/24 03:14	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 03:14	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 03:14	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 03:14	1
Trichloroethene	ND		1.0	ug/L			12/09/24 03:14	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 03:14	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 03:14	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 03:14	1
Xylenes, Total	2.9		1.0	ug/L			12/09/24 03:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		12/09/24 03:14	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-4

Lab Sample ID: 705-14154-15

Date Collected: 12/02/24 15:15

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		12/09/24 03:14	1
4-Bromofluorobenzene (Surr)	101		70 - 130		12/09/24 03:14	1
Toluene-d8 (Surr)	97		70 - 130		12/09/24 03:14	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-4

Lab Sample ID: 705-14154-16

Date Collected: 12/03/24 09:50

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0067	mg/L		12/05/24 15:59	12/06/24 18:26	1
Arsenic	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:26	1
Barium	0.026		0.022	mg/L		12/05/24 15:59	12/06/24 18:26	1
Beryllium	ND		0.0033	mg/L		12/05/24 15:59	12/06/24 18:26	1
Cadmium	ND		0.0056	mg/L		12/05/24 15:59	12/06/24 18:26	1
Chromium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:26	1
Cobalt	ND		0.044	mg/L		12/05/24 15:59	12/06/24 18:26	1
Copper	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:26	1
Lead	ND		0.017	mg/L		12/05/24 15:59	12/06/24 18:26	1
Nickel	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:26	1
Selenium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:26	1
Silver	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:26	1
Thallium	ND		0.0022	mg/L		12/05/24 15:59	12/06/24 18:26	1
Vanadium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:26	1
Zinc	0.029		0.022	mg/L		12/05/24 15:59	12/06/24 18:26	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-4A

Lab Sample ID: 705-14154-17

Date Collected: 12/02/24 16:30

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 03:36	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 03:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 03:36	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 03:36	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 03:36	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 03:36	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 03:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 03:36	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 03:36	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 03:36	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 03:36	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 03:36	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 03:36	1
2-Butanone	ND		10	ug/L			12/09/24 03:36	1
2-Hexanone	ND		10	ug/L			12/09/24 03:36	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 03:36	1
Acetone	ND		10	ug/L			12/09/24 03:36	1
Acrylonitrile	ND		20	ug/L			12/09/24 03:36	1
Benzene	ND		1.0	ug/L			12/09/24 03:36	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 03:36	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 03:36	1
Bromoform	ND		1.0	ug/L			12/09/24 03:36	1
Bromomethane	ND		5.0	ug/L			12/09/24 03:36	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 03:36	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 03:36	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 03:36	1
Chloroethane	ND		5.0	ug/L			12/09/24 03:36	1
Chloroform	ND		1.0	ug/L			12/09/24 03:36	1
Chloromethane	ND		1.0	ug/L			12/09/24 03:36	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 03:36	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 03:36	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 03:36	1
Dibromomethane	ND		1.0	ug/L			12/09/24 03:36	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 03:36	1
Iodomethane	ND		10	ug/L			12/09/24 03:36	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 03:36	1
Styrene	ND		1.0	ug/L			12/09/24 03:36	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 03:36	1
Toluene	ND		1.0	ug/L			12/09/24 03:36	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 03:36	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 03:36	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 03:36	1
Trichloroethene	ND		1.0	ug/L			12/09/24 03:36	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 03:36	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 03:36	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 03:36	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 03:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/09/24 03:36	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-4A
Date Collected: 12/02/24 16:30
Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-17
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	90		70 - 130		12/09/24 03:36	1
4-Bromofluorobenzene (Surr)	101		70 - 130		12/09/24 03:36	1
Toluene-d8 (Surr)	97		70 - 130		12/09/24 03:36	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-4A

Lab Sample ID: 705-14154-18

Date Collected: 12/03/24 10:05

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0067	mg/L		12/05/24 15:59	12/06/24 18:28	1
Arsenic	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:28	1
Barium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:28	1
Beryllium	ND		0.0033	mg/L		12/05/24 15:59	12/06/24 18:28	1
Cadmium	ND		0.0056	mg/L		12/05/24 15:59	12/06/24 18:28	1
Chromium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:28	1
Cobalt	ND		0.044	mg/L		12/05/24 15:59	12/06/24 18:28	1
Copper	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:28	1
Lead	ND		0.017	mg/L		12/05/24 15:59	12/06/24 18:28	1
Nickel	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:28	1
Selenium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:28	1
Silver	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:28	1
Thallium	ND		0.0022	mg/L		12/05/24 15:59	12/06/24 18:28	1
Vanadium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:28	1
Zinc	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:28	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-8A

Lab Sample ID: 705-14154-19

Date Collected: 12/03/24 11:30

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 03:58	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 03:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 03:58	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 03:58	1
1,1-Dichloroethane	1.4		1.0	ug/L			12/09/24 03:58	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 03:58	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 03:58	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 03:58	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 03:58	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 03:58	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 03:58	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 03:58	1
1,4-Dichlorobenzene	7.6		1.0	ug/L			12/09/24 03:58	1
2-Butanone	ND		10	ug/L			12/09/24 03:58	1
2-Hexanone	ND		10	ug/L			12/09/24 03:58	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 03:58	1
Acetone	ND		10	ug/L			12/09/24 03:58	1
Acrylonitrile	ND		20	ug/L			12/09/24 03:58	1
Benzene	1.6		1.0	ug/L			12/09/24 03:58	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 03:58	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 03:58	1
Bromoform	ND		1.0	ug/L			12/09/24 03:58	1
Bromomethane	ND		5.0	ug/L			12/09/24 03:58	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 03:58	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 03:58	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 03:58	1
Chloroethane	ND		5.0	ug/L			12/09/24 03:58	1
Chloroform	ND		1.0	ug/L			12/09/24 03:58	1
Chloromethane	ND		1.0	ug/L			12/09/24 03:58	1
cis-1,2-Dichloroethene	27		1.0	ug/L			12/09/24 03:58	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 03:58	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 03:58	1
Dibromomethane	ND		1.0	ug/L			12/09/24 03:58	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 03:58	1
Iodomethane	ND		10	ug/L			12/09/24 03:58	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 03:58	1
Styrene	ND		1.0	ug/L			12/09/24 03:58	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 03:58	1
Toluene	ND		1.0	ug/L			12/09/24 03:58	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 03:58	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 03:58	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 03:58	1
Trichloroethene	ND		1.0	ug/L			12/09/24 03:58	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 03:58	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 03:58	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 03:58	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 03:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		60 - 124		12/09/24 03:58	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-8A

Lab Sample ID: 705-14154-19

Date Collected: 12/03/24 11:30

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	92		70 - 130		12/09/24 03:58	1
4-Bromofluorobenzene (Surr)	102		70 - 130		12/09/24 03:58	1
Toluene-d8 (Surr)	98		70 - 130		12/09/24 03:58	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.1		1.0	mg/L			12/04/24 23:37	1
Nitrate as N	ND		0.25	mg/L			12/04/24 23:37	1
Sulfate	1.5		1.0	mg/L			12/04/24 23:37	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	110		3.0	mg/L			12/05/24 12:15	1
Total Dissolved Solids (SM 2540C - 2015)	120		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-8R

Lab Sample ID: 705-14154-20

Date Collected: 12/03/24 13:30

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 04:20	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 04:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 04:20	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 04:20	1
1,1-Dichloroethane	6.5		1.0	ug/L			12/09/24 04:20	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 04:20	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 04:20	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 04:20	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 04:20	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 04:20	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 04:20	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 04:20	1
1,4-Dichlorobenzene	2.3		1.0	ug/L			12/09/24 04:20	1
2-Butanone	ND		10	ug/L			12/09/24 04:20	1
2-Hexanone	ND		10	ug/L			12/09/24 04:20	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 04:20	1
Acetone	ND		10	ug/L			12/09/24 04:20	1
Acrylonitrile	ND		20	ug/L			12/09/24 04:20	1
Benzene	ND		1.0	ug/L			12/09/24 04:20	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 04:20	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 04:20	1
Bromoform	ND		1.0	ug/L			12/09/24 04:20	1
Bromomethane	ND		5.0	ug/L			12/09/24 04:20	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 04:20	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 04:20	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 04:20	1
Chloroethane	ND		5.0	ug/L			12/09/24 04:20	1
Chloroform	ND		1.0	ug/L			12/09/24 04:20	1
Chloromethane	ND		1.0	ug/L			12/09/24 04:20	1
cis-1,2-Dichloroethene	24		1.0	ug/L			12/09/24 04:20	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 04:20	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 04:20	1
Dibromomethane	ND		1.0	ug/L			12/09/24 04:20	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 04:20	1
Iodomethane	ND		10	ug/L			12/09/24 04:20	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 04:20	1
Styrene	ND		1.0	ug/L			12/09/24 04:20	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 04:20	1
Toluene	ND		1.0	ug/L			12/09/24 04:20	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 04:20	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 04:20	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 04:20	1
Trichloroethene	ND		1.0	ug/L			12/09/24 04:20	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 04:20	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 04:20	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 04:20	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 04:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		60 - 124		12/09/24 04:20	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-8R

Lab Sample ID: 705-14154-20

Date Collected: 12/03/24 13:30

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		12/09/24 04:20	1
4-Bromofluorobenzene (Surr)	100		70 - 130		12/09/24 04:20	1
Toluene-d8 (Surr)	97		70 - 130		12/09/24 04:20	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	mg/L			12/05/24 05:31	1
Nitrate as N	ND		0.25	mg/L			12/05/24 05:31	1
Sulfate	3.3		1.0	mg/L			12/08/24 12:20	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	150		3.0	mg/L			12/05/24 12:15	1
Total Dissolved Solids (SM 2540C - 2015)	160		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: AMW-14

Lab Sample ID: 705-14154-21

Date Collected: 12/03/24 11:45

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 04:42	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 04:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 04:42	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 04:42	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 04:42	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 04:42	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 04:42	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 04:42	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 04:42	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 04:42	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 04:42	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 04:42	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 04:42	1
2-Butanone	ND		10	ug/L			12/09/24 04:42	1
2-Hexanone	ND		10	ug/L			12/09/24 04:42	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 04:42	1
Acetone	ND		10	ug/L			12/09/24 04:42	1
Acrylonitrile	ND		20	ug/L			12/09/24 04:42	1
Benzene	ND		1.0	ug/L			12/09/24 04:42	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 04:42	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 04:42	1
Bromoform	ND		1.0	ug/L			12/09/24 04:42	1
Bromomethane	ND		5.0	ug/L			12/09/24 04:42	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 04:42	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 04:42	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 04:42	1
Chloroethane	ND		5.0	ug/L			12/09/24 04:42	1
Chloroform	ND		1.0	ug/L			12/09/24 04:42	1
Chloromethane	ND		1.0	ug/L			12/09/24 04:42	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 04:42	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 04:42	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 04:42	1
Dibromomethane	ND		1.0	ug/L			12/09/24 04:42	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 04:42	1
Iodomethane	ND		10	ug/L			12/09/24 04:42	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 04:42	1
Styrene	ND		1.0	ug/L			12/09/24 04:42	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 04:42	1
Toluene	ND		1.0	ug/L			12/09/24 04:42	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 04:42	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 04:42	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 04:42	1
Trichloroethene	ND		1.0	ug/L			12/09/24 04:42	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 04:42	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 04:42	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 04:42	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 04:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/09/24 04:42	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: AMW-14

Lab Sample ID: 705-14154-21

Date Collected: 12/03/24 11:45

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		12/09/24 04:42	1
4-Bromofluorobenzene (Surr)	102		70 - 130		12/09/24 04:42	1
Toluene-d8 (Surr)	97		70 - 130		12/09/24 04:42	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.6		1.0	mg/L			12/05/24 00:24	1
Nitrate as N	ND		0.25	mg/L			12/05/24 00:24	1
Sulfate	2.9		1.0	mg/L			12/05/24 00:24	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	30		3.0	mg/L			12/05/24 12:15	1
Total Dissolved Solids (SM 2540C - 2015)	54		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: Field Blank -1

Lab Sample ID: 705-14154-22

Date Collected: 12/03/24 16:15

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/08/24 23:14	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/08/24 23:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/08/24 23:14	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/08/24 23:14	1
1,1-Dichloroethane	ND		1.0	ug/L			12/08/24 23:14	1
1,1-Dichloroethene	ND		1.0	ug/L			12/08/24 23:14	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/08/24 23:14	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 23:14	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 23:14	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/08/24 23:14	1
1,2-Dichloroethane	ND		1.0	ug/L			12/08/24 23:14	1
1,2-Dichloropropane	ND		1.0	ug/L			12/08/24 23:14	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/08/24 23:14	1
2-Butanone	ND		10	ug/L			12/08/24 23:14	1
2-Hexanone	ND		10	ug/L			12/08/24 23:14	1
4-Methyl-2-pentanone	ND		10	ug/L			12/08/24 23:14	1
Acetone	ND		10	ug/L			12/08/24 23:14	1
Acrylonitrile	ND		20	ug/L			12/08/24 23:14	1
Benzene	ND		1.0	ug/L			12/08/24 23:14	1
Bromochloromethane	ND		1.0	ug/L			12/08/24 23:14	1
Bromodichloromethane	ND		1.0	ug/L			12/08/24 23:14	1
Bromoform	ND		1.0	ug/L			12/08/24 23:14	1
Bromomethane	ND		5.0	ug/L			12/08/24 23:14	1
Carbon disulfide	ND		2.0	ug/L			12/08/24 23:14	1
Carbon tetrachloride	ND		1.0	ug/L			12/08/24 23:14	1
Chlorobenzene	ND		1.0	ug/L			12/08/24 23:14	1
Chloroethane	ND		5.0	ug/L			12/08/24 23:14	1
Chloroform	ND		1.0	ug/L			12/08/24 23:14	1
Chloromethane	ND		1.0	ug/L			12/08/24 23:14	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/08/24 23:14	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/08/24 23:14	1
Dibromochloromethane	ND		1.0	ug/L			12/08/24 23:14	1
Dibromomethane	ND		1.0	ug/L			12/08/24 23:14	1
Ethylbenzene	ND		1.0	ug/L			12/08/24 23:14	1
Iodomethane	ND		10	ug/L			12/08/24 23:14	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 23:14	1
Styrene	ND		1.0	ug/L			12/08/24 23:14	1
Tetrachloroethene	ND		1.0	ug/L			12/08/24 23:14	1
Toluene	ND		1.0	ug/L			12/08/24 23:14	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/08/24 23:14	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/08/24 23:14	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/08/24 23:14	1
Trichloroethene	ND		1.0	ug/L			12/08/24 23:14	1
Trichlorofluoromethane	ND		1.0	ug/L			12/08/24 23:14	1
Vinyl acetate	ND		2.0	ug/L			12/08/24 23:14	1
Vinyl chloride	ND		1.0	ug/L			12/08/24 23:14	1
Xylenes, Total	ND		1.0	ug/L			12/08/24 23:14	1
o-Xylene	ND		1.0	ug/L			12/08/24 23:14	1
m-Xylene & p-Xylene	ND		1.0	ug/L			12/08/24 23:14	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: Field Blank -1

Lab Sample ID: 705-14154-22

Date Collected: 12/03/24 16:15

Matrix: Water

Date Received: 12/04/24 08:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/08/24 23:14	1
Dibromofluoromethane (Surr)	91		70 - 130		12/08/24 23:14	1
4-Bromofluorobenzene (Surr)	101		70 - 130		12/08/24 23:14	1
Toluene-d8 (Surr)	97		70 - 130		12/08/24 23:14	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0067	mg/L		12/05/24 15:59	12/06/24 18:30	1
Arsenic	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:30	1
Barium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:30	1
Beryllium	ND		0.0033	mg/L		12/05/24 15:59	12/06/24 18:30	1
Cadmium	ND		0.0056	mg/L		12/05/24 15:59	12/06/24 18:30	1
Chromium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:30	1
Cobalt	ND		0.044	mg/L		12/05/24 15:59	12/06/24 18:30	1
Copper	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:30	1
Lead	ND		0.017	mg/L		12/05/24 15:59	12/06/24 18:30	1
Nickel	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:30	1
Selenium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:30	1
Silver	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:30	1
Thallium	ND		0.0022	mg/L		12/05/24 15:59	12/06/24 18:30	1
Vanadium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:30	1
Zinc	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-14A

Lab Sample ID: 705-14154-23

Date Collected: 12/03/24 15:15

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 05:03	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 05:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 05:03	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 05:03	1
1,1-Dichloroethane	18		1.0	ug/L			12/09/24 05:03	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 05:03	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 05:03	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 05:03	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 05:03	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 05:03	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 05:03	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 05:03	1
1,4-Dichlorobenzene	1.7		1.0	ug/L			12/09/24 05:03	1
2-Butanone	ND		10	ug/L			12/09/24 05:03	1
2-Hexanone	ND		10	ug/L			12/09/24 05:03	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 05:03	1
Acetone	ND		10	ug/L			12/09/24 05:03	1
Acrylonitrile	ND		20	ug/L			12/09/24 05:03	1
Benzene	2.9		1.0	ug/L			12/09/24 05:03	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 05:03	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 05:03	1
Bromoform	ND		1.0	ug/L			12/09/24 05:03	1
Bromomethane	ND		5.0	ug/L			12/09/24 05:03	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 05:03	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 05:03	1
Chlorobenzene	9.1		1.0	ug/L			12/09/24 05:03	1
Chloroethane	ND		5.0	ug/L			12/09/24 05:03	1
Chloroform	ND		1.0	ug/L			12/09/24 05:03	1
Chloromethane	ND		1.0	ug/L			12/09/24 05:03	1
cis-1,2-Dichloroethene	73		1.0	ug/L			12/09/24 05:03	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 05:03	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 05:03	1
Dibromomethane	ND		1.0	ug/L			12/09/24 05:03	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 05:03	1
Iodomethane	ND		10	ug/L			12/09/24 05:03	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 05:03	1
Styrene	ND		1.0	ug/L			12/09/24 05:03	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 05:03	1
Toluene	ND		1.0	ug/L			12/09/24 05:03	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 05:03	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 05:03	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 05:03	1
Trichloroethene	2.1		1.0	ug/L			12/09/24 05:03	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 05:03	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 05:03	1
Vinyl chloride	21		1.0	ug/L			12/09/24 05:03	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 05:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/09/24 05:03	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-14A

Lab Sample ID: 705-14154-23

Date Collected: 12/03/24 15:15

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		12/09/24 05:03	1
4-Bromofluorobenzene (Surr)	101		70 - 130		12/09/24 05:03	1
Toluene-d8 (Surr)	98		70 - 130		12/09/24 05:03	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15		1.0	mg/L			12/05/24 06:06	1
Nitrate as N	ND		0.25	mg/L			12/05/24 06:06	1
Sulfate	2.9		1.0	mg/L			12/08/24 12:32	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	160		3.0	mg/L			12/05/24 12:15	1
Total Dissolved Solids (SM 2540C - 2015)	180		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-14R

Lab Sample ID: 705-14154-24

Date Collected: 12/03/24 16:45

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 05:25	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 05:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 05:25	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 05:25	1
1,1-Dichloroethane	7.7		1.0	ug/L			12/09/24 05:25	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 05:25	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 05:25	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 05:25	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 05:25	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 05:25	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 05:25	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 05:25	1
1,4-Dichlorobenzene	1.1		1.0	ug/L			12/09/24 05:25	1
2-Butanone	ND		10	ug/L			12/09/24 05:25	1
2-Hexanone	ND		10	ug/L			12/09/24 05:25	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 05:25	1
Acetone	ND		10	ug/L			12/09/24 05:25	1
Acrylonitrile	ND		20	ug/L			12/09/24 05:25	1
Benzene	ND		1.0	ug/L			12/09/24 05:25	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 05:25	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 05:25	1
Bromoform	ND		1.0	ug/L			12/09/24 05:25	1
Bromomethane	ND		5.0	ug/L			12/09/24 05:25	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 05:25	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 05:25	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 05:25	1
Chloroethane	ND		5.0	ug/L			12/09/24 05:25	1
Chloroform	ND		1.0	ug/L			12/09/24 05:25	1
Chloromethane	ND		1.0	ug/L			12/09/24 05:25	1
cis-1,2-Dichloroethene	15		1.0	ug/L			12/09/24 05:25	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 05:25	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 05:25	1
Dibromomethane	ND		1.0	ug/L			12/09/24 05:25	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 05:25	1
Iodomethane	ND		10	ug/L			12/09/24 05:25	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 05:25	1
Styrene	ND		1.0	ug/L			12/09/24 05:25	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 05:25	1
Toluene	ND		1.0	ug/L			12/09/24 05:25	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 05:25	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 05:25	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 05:25	1
Trichloroethene	1.8		1.0	ug/L			12/09/24 05:25	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 05:25	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 05:25	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 05:25	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 05:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/09/24 05:25	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-14R

Lab Sample ID: 705-14154-24

Date Collected: 12/03/24 16:45

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	90		70 - 130		12/09/24 05:25	1
4-Bromofluorobenzene (Surr)	101		70 - 130		12/09/24 05:25	1
Toluene-d8 (Surr)	96		70 - 130		12/09/24 05:25	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.3		1.0	mg/L			12/05/24 07:17	1
Nitrate as N	ND		0.25	mg/L			12/05/24 07:17	1
Sulfate	3.4		1.0	mg/L			12/08/24 12:43	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	160		3.0	mg/L			12/05/24 12:15	1
Total Dissolved Solids (SM 2540C - 2015)	170		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-18

Lab Sample ID: 705-14154-25

Date Collected: 12/03/24 16:55

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 05:47	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 05:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 05:47	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 05:47	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 05:47	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 05:47	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 05:47	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 05:47	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 05:47	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 05:47	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 05:47	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 05:47	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 05:47	1
2-Butanone	ND		10	ug/L			12/09/24 05:47	1
2-Hexanone	ND		10	ug/L			12/09/24 05:47	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 05:47	1
Acetone	ND		10	ug/L			12/09/24 05:47	1
Acrylonitrile	ND		20	ug/L			12/09/24 05:47	1
Benzene	ND		1.0	ug/L			12/09/24 05:47	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 05:47	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 05:47	1
Bromoform	ND		1.0	ug/L			12/09/24 05:47	1
Bromomethane	ND		5.0	ug/L			12/09/24 05:47	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 05:47	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 05:47	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 05:47	1
Chloroethane	ND		5.0	ug/L			12/09/24 05:47	1
Chloroform	ND		1.0	ug/L			12/09/24 05:47	1
Chloromethane	ND		1.0	ug/L			12/09/24 05:47	1
cis-1,2-Dichloroethene	23		1.0	ug/L			12/09/24 05:47	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 05:47	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 05:47	1
Dibromomethane	ND		1.0	ug/L			12/09/24 05:47	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 05:47	1
Iodomethane	ND		10	ug/L			12/09/24 05:47	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 05:47	1
Styrene	ND		1.0	ug/L			12/09/24 05:47	1
Tetrachloroethene	2.5		1.0	ug/L			12/09/24 05:47	1
Toluene	ND		1.0	ug/L			12/09/24 05:47	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 05:47	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 05:47	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 05:47	1
Trichloroethene	1.5		1.0	ug/L			12/09/24 05:47	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 05:47	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 05:47	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 05:47	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 05:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/09/24 05:47	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-18

Lab Sample ID: 705-14154-25

Date Collected: 12/03/24 16:55

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		12/09/24 05:47	1
4-Bromofluorobenzene (Surr)	102		70 - 130		12/09/24 05:47	1
Toluene-d8 (Surr)	96		70 - 130		12/09/24 05:47	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.0		1.0	mg/L			12/05/24 07:29	1
Nitrate as N	0.87		0.25	mg/L			12/05/24 07:29	1
Sulfate	1.4		1.0	mg/L			12/08/24 12:55	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	34		3.0	mg/L			12/05/24 12:15	1
Total Dissolved Solids (SM 2540C - 2015)	36		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-19R

Lab Sample ID: 705-14154-26

Date Collected: 12/03/24 12:35

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 06:09	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 06:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 06:09	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 06:09	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 06:09	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 06:09	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 06:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 06:09	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 06:09	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 06:09	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 06:09	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 06:09	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 06:09	1
2-Butanone	ND		10	ug/L			12/09/24 06:09	1
2-Hexanone	ND		10	ug/L			12/09/24 06:09	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 06:09	1
Acetone	ND		10	ug/L			12/09/24 06:09	1
Acrylonitrile	ND		20	ug/L			12/09/24 06:09	1
Benzene	ND		1.0	ug/L			12/09/24 06:09	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 06:09	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 06:09	1
Bromoform	ND		1.0	ug/L			12/09/24 06:09	1
Bromomethane	ND		5.0	ug/L			12/09/24 06:09	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 06:09	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 06:09	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 06:09	1
Chloroethane	ND		5.0	ug/L			12/09/24 06:09	1
Chloroform	ND		1.0	ug/L			12/09/24 06:09	1
Chloromethane	ND		1.0	ug/L			12/09/24 06:09	1
cis-1,2-Dichloroethene	3.9		1.0	ug/L			12/09/24 06:09	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 06:09	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 06:09	1
Dibromomethane	ND		1.0	ug/L			12/09/24 06:09	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 06:09	1
Iodomethane	ND		10	ug/L			12/09/24 06:09	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 06:09	1
Styrene	ND		1.0	ug/L			12/09/24 06:09	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 06:09	1
Toluene	ND		1.0	ug/L			12/09/24 06:09	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 06:09	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 06:09	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/09/24 06:09	1
Trichloroethene	ND		1.0	ug/L			12/09/24 06:09	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 06:09	1
Vinyl acetate	ND		2.0	ug/L			12/09/24 06:09	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 06:09	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 06:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		60 - 124		12/09/24 06:09	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-19R

Lab Sample ID: 705-14154-26

Date Collected: 12/03/24 12:35

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		70 - 130		12/09/24 06:09	1
4-Bromofluorobenzene (Surr)	101		70 - 130		12/09/24 06:09	1
Toluene-d8 (Surr)	97		70 - 130		12/09/24 06:09	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	mg/L			12/05/24 02:22	1
Nitrate as N	ND		0.25	mg/L			12/05/24 02:22	1
Sulfate	3.1		1.0	mg/L			12/05/24 02:22	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	44		3.0	mg/L			12/05/24 12:15	1
Total Dissolved Solids (SM 2540C - 2015)	42		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-22

Lab Sample ID: 705-14154-27

Date Collected: 12/02/24 16:15

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 01:03	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 01:03	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	ug/L			12/09/24 01:03	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 01:03	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 01:03	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 01:03	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 01:03	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 01:03	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 01:03	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 01:03	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 01:03	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 01:03	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 01:03	1
2-Butanone	ND		10	ug/L			12/09/24 01:03	1
2-Hexanone	ND	*-	10	ug/L			12/09/24 01:03	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 01:03	1
Acetone	ND		10	ug/L			12/09/24 01:03	1
Acrylonitrile	ND		20	ug/L			12/09/24 01:03	1
Benzene	ND		1.0	ug/L			12/09/24 01:03	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 01:03	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 01:03	1
Bromoform	ND		1.0	ug/L			12/09/24 01:03	1
Bromomethane	ND		5.0	ug/L			12/09/24 01:03	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 01:03	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 01:03	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 01:03	1
Chloroethane	ND		5.0	ug/L			12/09/24 01:03	1
Chloroform	ND		1.0	ug/L			12/09/24 01:03	1
Chloromethane	ND		1.0	ug/L			12/09/24 01:03	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 01:03	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 01:03	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 01:03	1
Dibromomethane	ND		1.0	ug/L			12/09/24 01:03	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 01:03	1
Iodomethane	ND		10	ug/L			12/09/24 01:03	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 01:03	1
Styrene	ND		1.0	ug/L			12/09/24 01:03	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 01:03	1
Toluene	ND		1.0	ug/L			12/09/24 01:03	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 01:03	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 01:03	1
trans-1,4-Dichloro-2-butene	ND	*+	2.0	ug/L			12/09/24 01:03	1
Trichloroethene	ND		1.0	ug/L			12/09/24 01:03	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 01:03	1
Vinyl acetate	ND	*+	2.0	ug/L			12/09/24 01:03	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 01:03	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 01:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		12/09/24 01:03	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-22
Date Collected: 12/02/24 16:15
Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-27
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	103		70 - 130		12/09/24 01:03	1
4-Bromofluorobenzene (Surr)	96		70 - 130		12/09/24 01:03	1
Toluene-d8 (Surr)	100		70 - 130		12/09/24 01:03	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-22

Lab Sample ID: 705-14154-28

Date Collected: 12/03/24 09:40

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0067	mg/L		12/05/24 15:59	12/06/24 18:34	1
Arsenic	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:34	1
Barium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:34	1
Beryllium	ND		0.0033	mg/L		12/05/24 15:59	12/06/24 18:34	1
Cadmium	ND		0.0056	mg/L		12/05/24 15:59	12/06/24 18:34	1
Chromium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:34	1
Cobalt	ND		0.044	mg/L		12/05/24 15:59	12/06/24 18:34	1
Copper	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:34	1
Lead	ND		0.017	mg/L		12/05/24 15:59	12/06/24 18:34	1
Nickel	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:34	1
Selenium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:34	1
Silver	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:34	1
Thallium	ND		0.0022	mg/L		12/05/24 15:59	12/06/24 18:34	1
Vanadium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:34	1
Zinc	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:34	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-23

Lab Sample ID: 705-14154-29

Date Collected: 12/02/24 15:25

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 01:26	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 01:26	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	ug/L			12/09/24 01:26	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 01:26	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 01:26	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 01:26	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 01:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 01:26	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 01:26	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 01:26	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 01:26	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 01:26	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 01:26	1
2-Butanone	ND		10	ug/L			12/09/24 01:26	1
2-Hexanone	ND	*-	10	ug/L			12/09/24 01:26	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 01:26	1
Acetone	ND		10	ug/L			12/09/24 01:26	1
Acrylonitrile	ND		20	ug/L			12/09/24 01:26	1
Benzene	ND		1.0	ug/L			12/09/24 01:26	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 01:26	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 01:26	1
Bromoform	ND		1.0	ug/L			12/09/24 01:26	1
Bromomethane	ND		5.0	ug/L			12/09/24 01:26	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 01:26	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 01:26	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 01:26	1
Chloroethane	ND		5.0	ug/L			12/09/24 01:26	1
Chloroform	ND		1.0	ug/L			12/09/24 01:26	1
Chloromethane	ND		1.0	ug/L			12/09/24 01:26	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 01:26	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 01:26	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 01:26	1
Dibromomethane	ND		1.0	ug/L			12/09/24 01:26	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 01:26	1
Iodomethane	ND		10	ug/L			12/09/24 01:26	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 01:26	1
Styrene	ND		1.0	ug/L			12/09/24 01:26	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 01:26	1
Toluene	ND		1.0	ug/L			12/09/24 01:26	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 01:26	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 01:26	1
trans-1,4-Dichloro-2-butene	ND	*+	2.0	ug/L			12/09/24 01:26	1
Trichloroethene	ND		1.0	ug/L			12/09/24 01:26	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 01:26	1
Vinyl acetate	ND	*+	2.0	ug/L			12/09/24 01:26	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 01:26	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 01:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		12/09/24 01:26	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-23
Date Collected: 12/02/24 15:25
Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-29
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		70 - 130		12/09/24 01:26	1
4-Bromofluorobenzene (Surr)	101		70 - 130		12/09/24 01:26	1
Toluene-d8 (Surr)	100		70 - 130		12/09/24 01:26	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-23

Lab Sample ID: 705-14154-30

Date Collected: 12/03/24 09:20

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0067	mg/L		12/05/24 15:59	12/06/24 18:36	1
Arsenic	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:36	1
Barium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:36	1
Beryllium	ND		0.0033	mg/L		12/05/24 15:59	12/06/24 18:36	1
Cadmium	ND		0.0056	mg/L		12/05/24 15:59	12/06/24 18:36	1
Chromium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:36	1
Cobalt	ND		0.044	mg/L		12/05/24 15:59	12/06/24 18:36	1
Copper	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:36	1
Lead	ND		0.017	mg/L		12/05/24 15:59	12/06/24 18:36	1
Nickel	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:36	1
Selenium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:36	1
Silver	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:36	1
Thallium	ND		0.0022	mg/L		12/05/24 15:59	12/06/24 18:36	1
Vanadium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:36	1
Zinc	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:36	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-23A

Lab Sample ID: 705-14154-31

Date Collected: 12/02/24 14:50

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 01:48	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 01:48	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	ug/L			12/09/24 01:48	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 01:48	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 01:48	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 01:48	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 01:48	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 01:48	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 01:48	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 01:48	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 01:48	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 01:48	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 01:48	1
2-Butanone	ND		10	ug/L			12/09/24 01:48	1
2-Hexanone	ND	*-	10	ug/L			12/09/24 01:48	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 01:48	1
Acetone	ND		10	ug/L			12/09/24 01:48	1
Acrylonitrile	ND		20	ug/L			12/09/24 01:48	1
Benzene	ND		1.0	ug/L			12/09/24 01:48	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 01:48	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 01:48	1
Bromoform	ND		1.0	ug/L			12/09/24 01:48	1
Bromomethane	ND		5.0	ug/L			12/09/24 01:48	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 01:48	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 01:48	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 01:48	1
Chloroethane	ND		5.0	ug/L			12/09/24 01:48	1
Chloroform	ND		1.0	ug/L			12/09/24 01:48	1
Chloromethane	ND		1.0	ug/L			12/09/24 01:48	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 01:48	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 01:48	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 01:48	1
Dibromomethane	ND		1.0	ug/L			12/09/24 01:48	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 01:48	1
Iodomethane	ND		10	ug/L			12/09/24 01:48	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 01:48	1
Styrene	ND		1.0	ug/L			12/09/24 01:48	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 01:48	1
Toluene	ND		1.0	ug/L			12/09/24 01:48	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 01:48	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 01:48	1
trans-1,4-Dichloro-2-butene	ND	*+	2.0	ug/L			12/09/24 01:48	1
Trichloroethene	ND		1.0	ug/L			12/09/24 01:48	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 01:48	1
Vinyl acetate	ND	*+	2.0	ug/L			12/09/24 01:48	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 01:48	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 01:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		12/09/24 01:48	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-23A
Date Collected: 12/02/24 14:50
Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-31
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		70 - 130		12/09/24 01:48	1
4-Bromofluorobenzene (Surr)	95		70 - 130		12/09/24 01:48	1
Toluene-d8 (Surr)	100		70 - 130		12/09/24 01:48	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-23A

Lab Sample ID: 705-14154-32

Date Collected: 12/03/24 09:15

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0067	mg/L		12/05/24 15:59	12/06/24 18:38	1
Arsenic	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:38	1
Barium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:38	1
Beryllium	ND		0.0033	mg/L		12/05/24 15:59	12/06/24 18:38	1
Cadmium	ND		0.0056	mg/L		12/05/24 15:59	12/06/24 18:38	1
Chromium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:38	1
Cobalt	ND		0.044	mg/L		12/05/24 15:59	12/06/24 18:38	1
Copper	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:38	1
Lead	ND		0.017	mg/L		12/05/24 15:59	12/06/24 18:38	1
Nickel	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:38	1
Selenium	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:38	1
Silver	ND		0.011	mg/L		12/05/24 15:59	12/06/24 18:38	1
Thallium	ND		0.0022	mg/L		12/05/24 15:59	12/06/24 18:38	1
Vanadium	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:38	1
Zinc	ND		0.022	mg/L		12/05/24 15:59	12/06/24 18:38	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-24

Lab Sample ID: 705-14154-33

Date Collected: 12/03/24 13:15

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 02:11	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 02:11	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	ug/L			12/09/24 02:11	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 02:11	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 02:11	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 02:11	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 02:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 02:11	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 02:11	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 02:11	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 02:11	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 02:11	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 02:11	1
2-Butanone	ND		10	ug/L			12/09/24 02:11	1
2-Hexanone	ND	*-	10	ug/L			12/09/24 02:11	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 02:11	1
Acetone	ND		10	ug/L			12/09/24 02:11	1
Acrylonitrile	ND		20	ug/L			12/09/24 02:11	1
Benzene	ND		1.0	ug/L			12/09/24 02:11	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 02:11	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 02:11	1
Bromoform	ND		1.0	ug/L			12/09/24 02:11	1
Bromomethane	ND		5.0	ug/L			12/09/24 02:11	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 02:11	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 02:11	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 02:11	1
Chloroethane	ND		5.0	ug/L			12/09/24 02:11	1
Chloroform	ND		1.0	ug/L			12/09/24 02:11	1
Chloromethane	ND		1.0	ug/L			12/09/24 02:11	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 02:11	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 02:11	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 02:11	1
Dibromomethane	ND		1.0	ug/L			12/09/24 02:11	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 02:11	1
Iodomethane	ND		10	ug/L			12/09/24 02:11	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 02:11	1
Styrene	ND		1.0	ug/L			12/09/24 02:11	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 02:11	1
Toluene	ND		1.0	ug/L			12/09/24 02:11	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 02:11	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 02:11	1
trans-1,4-Dichloro-2-butene	ND	*+	2.0	ug/L			12/09/24 02:11	1
Trichloroethene	ND		1.0	ug/L			12/09/24 02:11	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 02:11	1
Vinyl acetate	ND	*+	2.0	ug/L			12/09/24 02:11	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 02:11	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 02:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		60 - 124		12/09/24 02:11	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-24

Lab Sample ID: 705-14154-33

Date Collected: 12/03/24 13:15

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		70 - 130		12/09/24 02:11	1
4-Bromofluorobenzene (Surr)	95		70 - 130		12/09/24 02:11	1
Toluene-d8 (Surr)	99		70 - 130		12/09/24 02:11	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0		1.0	mg/L			12/05/24 05:19	1
Nitrate as N	ND		0.25	mg/L			12/05/24 05:19	1
Sulfate	2.9		1.0	mg/L			12/08/24 13:07	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	14		3.0	mg/L			12/10/24 14:56	1
Total Dissolved Solids (SM 2540C - 2015)	27		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: AMW-2

Lab Sample ID: 705-14154-34

Date Collected: 12/03/24 15:55

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 02:34	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 02:34	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	ug/L			12/09/24 02:34	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 02:34	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 02:34	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 02:34	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 02:34	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 02:34	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 02:34	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 02:34	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 02:34	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 02:34	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 02:34	1
2-Butanone	ND		10	ug/L			12/09/24 02:34	1
2-Hexanone	ND	*-	10	ug/L			12/09/24 02:34	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 02:34	1
Acetone	ND		10	ug/L			12/09/24 02:34	1
Acrylonitrile	ND		20	ug/L			12/09/24 02:34	1
Benzene	ND		1.0	ug/L			12/09/24 02:34	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 02:34	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 02:34	1
Bromoform	ND		1.0	ug/L			12/09/24 02:34	1
Bromomethane	ND		5.0	ug/L			12/09/24 02:34	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 02:34	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 02:34	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 02:34	1
Chloroethane	ND		5.0	ug/L			12/09/24 02:34	1
Chloroform	ND		1.0	ug/L			12/09/24 02:34	1
Chloromethane	ND		1.0	ug/L			12/09/24 02:34	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 02:34	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 02:34	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 02:34	1
Dibromomethane	ND		1.0	ug/L			12/09/24 02:34	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 02:34	1
Iodomethane	ND		10	ug/L			12/09/24 02:34	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 02:34	1
Styrene	ND		1.0	ug/L			12/09/24 02:34	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 02:34	1
Toluene	ND		1.0	ug/L			12/09/24 02:34	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 02:34	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 02:34	1
trans-1,4-Dichloro-2-butene	ND	*+	2.0	ug/L			12/09/24 02:34	1
Trichloroethene	ND		1.0	ug/L			12/09/24 02:34	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 02:34	1
Vinyl acetate	ND	*+	2.0	ug/L			12/09/24 02:34	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 02:34	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 02:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		60 - 124		12/09/24 02:34	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: AMW-2

Lab Sample ID: 705-14154-34

Date Collected: 12/03/24 15:55

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	103		70 - 130		12/09/24 02:34	1
4-Bromofluorobenzene (Surr)	98		70 - 130		12/09/24 02:34	1
Toluene-d8 (Surr)	101		70 - 130		12/09/24 02:34	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	mg/L			12/05/24 06:18	1
Nitrate as N	0.43		0.25	mg/L			12/05/24 06:18	1
Sulfate	5.7		1.0	mg/L			12/08/24 13:19	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	56		3.0	mg/L			12/10/24 11:35	1
Total Dissolved Solids (SM 2540C - 2015)	97		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: AMW-4

Lab Sample ID: 705-14154-35

Date Collected: 12/03/24 10:20

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 02:57	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 02:57	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	ug/L			12/09/24 02:57	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 02:57	1
1,1-Dichloroethane	1.4		1.0	ug/L			12/09/24 02:57	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 02:57	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 02:57	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 02:57	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 02:57	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 02:57	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 02:57	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 02:57	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 02:57	1
2-Butanone	ND		10	ug/L			12/09/24 02:57	1
2-Hexanone	ND	*-	10	ug/L			12/09/24 02:57	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 02:57	1
Acetone	ND		10	ug/L			12/09/24 02:57	1
Acrylonitrile	ND		20	ug/L			12/09/24 02:57	1
Benzene	ND		1.0	ug/L			12/09/24 02:57	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 02:57	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 02:57	1
Bromoform	ND		1.0	ug/L			12/09/24 02:57	1
Bromomethane	ND		5.0	ug/L			12/09/24 02:57	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 02:57	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 02:57	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 02:57	1
Chloroethane	ND		5.0	ug/L			12/09/24 02:57	1
Chloroform	ND		1.0	ug/L			12/09/24 02:57	1
Chloromethane	ND		1.0	ug/L			12/09/24 02:57	1
cis-1,2-Dichloroethene	18		1.0	ug/L			12/09/24 02:57	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 02:57	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 02:57	1
Dibromomethane	ND		1.0	ug/L			12/09/24 02:57	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 02:57	1
Iodomethane	ND		10	ug/L			12/09/24 02:57	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 02:57	1
Styrene	ND		1.0	ug/L			12/09/24 02:57	1
Tetrachloroethene	2.9		1.0	ug/L			12/09/24 02:57	1
Toluene	ND		1.0	ug/L			12/09/24 02:57	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 02:57	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 02:57	1
trans-1,4-Dichloro-2-butene	ND	*+	2.0	ug/L			12/09/24 02:57	1
Trichloroethene	1.5		1.0	ug/L			12/09/24 02:57	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 02:57	1
Vinyl acetate	ND	*+	2.0	ug/L			12/09/24 02:57	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 02:57	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 02:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		60 - 124		12/09/24 02:57	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: AMW-4

Lab Sample ID: 705-14154-35

Date Collected: 12/03/24 10:20

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	103		70 - 130		12/09/24 02:57	1
4-Bromofluorobenzene (Surr)	98		70 - 130		12/09/24 02:57	1
Toluene-d8 (Surr)	96		70 - 130		12/09/24 02:57	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.7		1.0	mg/L			12/04/24 22:14	1
Nitrate as N	ND		0.25	mg/L			12/04/24 22:14	1
Sulfate	1.5		1.0	mg/L			12/04/24 22:14	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	38		3.0	mg/L			12/10/24 11:35	1
Total Dissolved Solids (SM 2540C - 2015)	61		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: AMW-5

Lab Sample ID: 705-14154-36

Date Collected: 12/03/24 11:00

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/09/24 03:19	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/09/24 03:19	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	ug/L			12/09/24 03:19	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/09/24 03:19	1
1,1-Dichloroethane	ND		1.0	ug/L			12/09/24 03:19	1
1,1-Dichloroethene	ND		1.0	ug/L			12/09/24 03:19	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/09/24 03:19	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/09/24 03:19	1
1,2-Dibromoethane	ND		1.0	ug/L			12/09/24 03:19	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/09/24 03:19	1
1,2-Dichloroethane	ND		1.0	ug/L			12/09/24 03:19	1
1,2-Dichloropropane	ND		1.0	ug/L			12/09/24 03:19	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/09/24 03:19	1
2-Butanone	ND		10	ug/L			12/09/24 03:19	1
2-Hexanone	ND	*-	10	ug/L			12/09/24 03:19	1
4-Methyl-2-pentanone	ND		10	ug/L			12/09/24 03:19	1
Acetone	ND		10	ug/L			12/09/24 03:19	1
Acrylonitrile	ND		20	ug/L			12/09/24 03:19	1
Benzene	ND		1.0	ug/L			12/09/24 03:19	1
Bromochloromethane	ND		1.0	ug/L			12/09/24 03:19	1
Bromodichloromethane	ND		1.0	ug/L			12/09/24 03:19	1
Bromoform	ND		1.0	ug/L			12/09/24 03:19	1
Bromomethane	ND		5.0	ug/L			12/09/24 03:19	1
Carbon disulfide	ND		2.0	ug/L			12/09/24 03:19	1
Carbon tetrachloride	ND		1.0	ug/L			12/09/24 03:19	1
Chlorobenzene	ND		1.0	ug/L			12/09/24 03:19	1
Chloroethane	ND		5.0	ug/L			12/09/24 03:19	1
Chloroform	ND		1.0	ug/L			12/09/24 03:19	1
Chloromethane	ND		1.0	ug/L			12/09/24 03:19	1
cis-1,2-Dichloroethene	1.6		1.0	ug/L			12/09/24 03:19	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 03:19	1
Dibromochloromethane	ND		1.0	ug/L			12/09/24 03:19	1
Dibromomethane	ND		1.0	ug/L			12/09/24 03:19	1
Ethylbenzene	ND		1.0	ug/L			12/09/24 03:19	1
Iodomethane	ND		10	ug/L			12/09/24 03:19	1
Methylene Chloride	ND		5.0	ug/L			12/09/24 03:19	1
Styrene	ND		1.0	ug/L			12/09/24 03:19	1
Tetrachloroethene	ND		1.0	ug/L			12/09/24 03:19	1
Toluene	ND		1.0	ug/L			12/09/24 03:19	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/09/24 03:19	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/09/24 03:19	1
trans-1,4-Dichloro-2-butene	ND	*+	2.0	ug/L			12/09/24 03:19	1
Trichloroethene	ND		1.0	ug/L			12/09/24 03:19	1
Trichlorofluoromethane	ND		1.0	ug/L			12/09/24 03:19	1
Vinyl acetate	ND	*+	2.0	ug/L			12/09/24 03:19	1
Vinyl chloride	ND		1.0	ug/L			12/09/24 03:19	1
Xylenes, Total	ND		1.0	ug/L			12/09/24 03:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		60 - 124		12/09/24 03:19	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: AMW-5

Lab Sample ID: 705-14154-36

Date Collected: 12/03/24 11:00

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	103		70 - 130		12/09/24 03:19	1
4-Bromofluorobenzene (Surr)	96		70 - 130		12/09/24 03:19	1
Toluene-d8 (Surr)	98		70 - 130		12/09/24 03:19	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.0		1.0	mg/L			12/04/24 22:26	1
Nitrate as N	ND		0.25	mg/L			12/04/24 22:26	1
Sulfate	3.3		1.0	mg/L			12/04/24 22:26	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B-2011)	30		3.0	mg/L			12/10/24 11:35	1
Total Dissolved Solids (SM 2540C - 2015)	70		10	mg/L			12/05/24 14:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: TB-1

Lab Sample ID: 705-14154-37

Date Collected: 12/02/24 00:00

Matrix: Water

Date Received: 12/04/24 08:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/08/24 23:09	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/08/24 23:09	1
1,1,2,2-Tetrachloroethane	ND	*+	1.0	ug/L			12/08/24 23:09	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/08/24 23:09	1
1,1-Dichloroethane	ND		1.0	ug/L			12/08/24 23:09	1
1,1-Dichloroethene	ND		1.0	ug/L			12/08/24 23:09	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/08/24 23:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 23:09	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 23:09	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/08/24 23:09	1
1,2-Dichloroethane	ND		1.0	ug/L			12/08/24 23:09	1
1,2-Dichloropropane	ND		1.0	ug/L			12/08/24 23:09	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/08/24 23:09	1
2-Butanone	ND		10	ug/L			12/08/24 23:09	1
2-Hexanone	ND	*-	10	ug/L			12/08/24 23:09	1
4-Methyl-2-pentanone	ND		10	ug/L			12/08/24 23:09	1
Acetone	ND		10	ug/L			12/08/24 23:09	1
Acrylonitrile	ND		20	ug/L			12/08/24 23:09	1
Benzene	ND		1.0	ug/L			12/08/24 23:09	1
Bromochloromethane	ND		1.0	ug/L			12/08/24 23:09	1
Bromodichloromethane	ND		1.0	ug/L			12/08/24 23:09	1
Bromoform	ND		1.0	ug/L			12/08/24 23:09	1
Bromomethane	ND		5.0	ug/L			12/08/24 23:09	1
Carbon disulfide	ND		2.0	ug/L			12/08/24 23:09	1
Carbon tetrachloride	ND		1.0	ug/L			12/08/24 23:09	1
Chlorobenzene	ND		1.0	ug/L			12/08/24 23:09	1
Chloroethane	ND		5.0	ug/L			12/08/24 23:09	1
Chloroform	ND		1.0	ug/L			12/08/24 23:09	1
Chloromethane	ND		1.0	ug/L			12/08/24 23:09	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/08/24 23:09	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/08/24 23:09	1
Dibromochloromethane	ND		1.0	ug/L			12/08/24 23:09	1
Dibromomethane	ND		1.0	ug/L			12/08/24 23:09	1
Ethylbenzene	ND		1.0	ug/L			12/08/24 23:09	1
Iodomethane	ND		10	ug/L			12/08/24 23:09	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 23:09	1
Styrene	ND		1.0	ug/L			12/08/24 23:09	1
Tetrachloroethene	ND		1.0	ug/L			12/08/24 23:09	1
Toluene	ND		1.0	ug/L			12/08/24 23:09	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/08/24 23:09	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/08/24 23:09	1
trans-1,4-Dichloro-2-butene	ND	*+	2.0	ug/L			12/08/24 23:09	1
Trichloroethene	ND		1.0	ug/L			12/08/24 23:09	1
Trichlorofluoromethane	ND		1.0	ug/L			12/08/24 23:09	1
Vinyl acetate	ND	*+	2.0	ug/L			12/08/24 23:09	1
Vinyl chloride	ND		1.0	ug/L			12/08/24 23:09	1
Xylenes, Total	ND		1.0	ug/L			12/08/24 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		60 - 124		12/08/24 23:09	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: TB-1
Date Collected: 12/02/24 00:00
Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-37
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		70 - 130		12/08/24 23:09	1
4-Bromofluorobenzene (Surr)	99		70 - 130		12/08/24 23:09	1
Toluene-d8 (Surr)	99		70 - 130		12/08/24 23:09	1

Surrogate Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (60-124)	DBFM (70-130)	BFB (70-130)	TOL (70-130)
705-14154-1	PH1-GWA-1	89	91	101	97
705-14154-2	PH1-GWA-1A	89	91	101	96
705-14154-4	PH1-GWA-2	89	91	101	96
705-14154-5	PH1-GWA-4	89	92	100	98
705-14154-6	PH1-GWB-1	89	91	103	96
705-14154-7	PH1-GWB-2	90	91	101	97
705-14154-10	PH1-GWC-2	89	91	102	97
705-14154-11	PH1-GWC-3	89	90	100	96
705-14154-12	PH1-GWC-3A	89	91	100	97
705-14154-13	GWC-3A	89	90	102	98
705-14154-15	GWC-4	90	91	101	97
705-14154-17	GWC-4A	89	90	101	97
705-14154-19	GWC-8A	91	92	102	98
705-14154-20	GWC-8R	90	91	100	97
705-14154-21	AMW-14	89	91	102	97
705-14154-22	Field Blank -1	89	91	101	97
705-14154-23	GWC-14A	89	91	101	98
705-14154-24	GWC-14R	89	90	101	96
705-14154-25	GWC-18	89	91	102	96
705-14154-26	GWC-19R	89	91	101	97
705-14154-27	GWC-22	93	103	96	100
705-14154-29	GWC-23	93	102	101	100
705-14154-31	GWC-23A	93	101	95	100
705-14154-33	GWC-24	93	101	95	99
705-14154-34	AMW-2	92	103	98	101
705-14154-35	AMW-4	95	103	98	96
705-14154-36	AMW-5	96	103	96	98
705-14154-37	TB-1	91	102	99	99
LCS 680-867873/4	Lab Control Sample	94	94	98	95
LCS 680-867877/5	Lab Control Sample	99	104	96	108
LCSD 680-867873/5	Lab Control Sample Dup	92	93	97	94
LCSD 680-867877/6	Lab Control Sample Dup	102	105	98	107
MB 680-867873/10	Method Blank	88	91	102	97
MB 680-867877/9	Method Blank	92	103	96	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

DBFM = Dibromofluoromethane (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 680-867873/10

Matrix: Water

Analysis Batch: 867873

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/08/24 22:45	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/08/24 22:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/08/24 22:45	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/08/24 22:45	1
1,1-Dichloroethane	ND		1.0	ug/L			12/08/24 22:45	1
1,1-Dichloroethene	ND		1.0	ug/L			12/08/24 22:45	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/08/24 22:45	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 22:45	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 22:45	1
1,2-Dichlorobenzene	ND		1.0	ug/L			12/08/24 22:45	1
1,2-Dichloroethane	ND		1.0	ug/L			12/08/24 22:45	1
1,2-Dichloropropane	ND		1.0	ug/L			12/08/24 22:45	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/08/24 22:45	1
2-Butanone	ND		10	ug/L			12/08/24 22:45	1
2-Hexanone	ND		10	ug/L			12/08/24 22:45	1
4-Methyl-2-pentanone	ND		10	ug/L			12/08/24 22:45	1
Acetone	ND		10	ug/L			12/08/24 22:45	1
Acrylonitrile	ND		20	ug/L			12/08/24 22:45	1
Benzene	ND		1.0	ug/L			12/08/24 22:45	1
Bromochloromethane	ND		1.0	ug/L			12/08/24 22:45	1
Bromodichloromethane	ND		1.0	ug/L			12/08/24 22:45	1
Bromoform	ND		1.0	ug/L			12/08/24 22:45	1
Bromomethane	ND		5.0	ug/L			12/08/24 22:45	1
Carbon disulfide	ND		2.0	ug/L			12/08/24 22:45	1
Carbon tetrachloride	ND		1.0	ug/L			12/08/24 22:45	1
Chlorobenzene	ND		1.0	ug/L			12/08/24 22:45	1
Chloroethane	ND		5.0	ug/L			12/08/24 22:45	1
Chloroform	ND		1.0	ug/L			12/08/24 22:45	1
Chloromethane	ND		1.0	ug/L			12/08/24 22:45	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/08/24 22:45	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/08/24 22:45	1
Dibromochloromethane	ND		1.0	ug/L			12/08/24 22:45	1
Dibromomethane	ND		1.0	ug/L			12/08/24 22:45	1
Ethylbenzene	ND		1.0	ug/L			12/08/24 22:45	1
Iodomethane	ND		10	ug/L			12/08/24 22:45	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 22:45	1
Styrene	ND		1.0	ug/L			12/08/24 22:45	1
Tetrachloroethene	ND		1.0	ug/L			12/08/24 22:45	1
Toluene	ND		1.0	ug/L			12/08/24 22:45	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/08/24 22:45	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/08/24 22:45	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/08/24 22:45	1
Trichloroethene	ND		1.0	ug/L			12/08/24 22:45	1
Trichlorofluoromethane	ND		1.0	ug/L			12/08/24 22:45	1
Vinyl acetate	ND		2.0	ug/L			12/08/24 22:45	1
Vinyl chloride	ND		1.0	ug/L			12/08/24 22:45	1
Xylenes, Total	ND		1.0	ug/L			12/08/24 22:45	1
o-Xylene	ND		1.0	ug/L			12/08/24 22:45	1

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

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

Lab Sample ID: MB 680-867873/10

Matrix: Water

Analysis Batch: 867873

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		1.0	ug/L			12/08/24 22:45	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		60 - 124				12/08/24 22:45	1
Dibromofluoromethane (Surr)	91		70 - 130				12/08/24 22:45	1
4-Bromofluorobenzene (Surr)	102		70 - 130				12/08/24 22:45	1
Toluene-d8 (Surr)	97		70 - 130				12/08/24 22:45	1

Lab Sample ID: LCS 680-867873/4

Matrix: Water

Analysis Batch: 867873

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	43.0		ug/L		86	70 - 130
1,1,1-Trichloroethane	50.0	49.6		ug/L		99	70 - 130
1,1,2,2-Tetrachloroethane	50.0	51.4		ug/L		103	70 - 130
1,1,2-Trichloroethane	50.0	50.3		ug/L		101	70 - 130
1,1-Dichloroethane	50.0	52.2		ug/L		104	70 - 130
1,1-Dichloroethene	50.0	48.4		ug/L		97	70 - 130
1,2,3-Trichloropropane	50.0	50.7		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	45.9		ug/L		92	70 - 130
1,2-Dibromoethane	50.0	48.8		ug/L		98	70 - 130
1,2-Dichlorobenzene	50.0	48.8		ug/L		98	70 - 130
1,2-Dichloroethane	50.0	50.5		ug/L		101	70 - 130
1,2-Dichloropropane	50.0	52.3		ug/L		105	70 - 130
1,4-Dichlorobenzene	50.0	48.7		ug/L		97	70 - 130
2-Butanone	250	284		ug/L		113	69 - 120
2-Hexanone	250	304		ug/L		121	70 - 130
4-Methyl-2-pentanone	250	294		ug/L		118	68 - 120
Acetone	250	278		ug/L		111	67 - 120
Acrylonitrile	500	557		ug/L		111	70 - 130
Benzene	50.0	49.9		ug/L		100	70 - 130
Bromochloromethane	50.0	47.7		ug/L		95	70 - 130
Bromodichloromethane	50.0	46.1		ug/L		92	70 - 130
Bromoform	50.0	38.4		ug/L		77	69 - 129
Bromomethane	50.0	54.2		ug/L		108	28 - 192
Carbon disulfide	50.0	41.5		ug/L		83	70 - 130
Carbon tetrachloride	50.0	44.5		ug/L		89	70 - 130
Chlorobenzene	50.0	47.8		ug/L		96	70 - 130
Chloroethane	50.0	23.2		ug/L		46	31 - 213
Chloroform	50.0	49.5		ug/L		99	70 - 130
Chloromethane	50.0	50.2		ug/L		100	59 - 127
cis-1,2-Dichloroethene	50.0	49.2		ug/L		98	70 - 130
cis-1,3-Dichloropropene	50.0	47.1		ug/L		94	70 - 130
Dibromochloromethane	50.0	42.6		ug/L		85	70 - 130
Dibromomethane	50.0	50.1		ug/L		100	70 - 130
Ethylbenzene	50.0	50.4		ug/L		101	70 - 130
Iodomethane	50.0	43.6		ug/L		87	52 - 129

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

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

Lab Sample ID: LCS 680-867873/4

Matrix: Water

Analysis Batch: 867873

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	51.6		ug/L		103	70 - 130
Styrene	50.0	48.8		ug/L		98	70 - 130
Tetrachloroethene	50.0	48.8		ug/L		98	70 - 130
Toluene	50.0	50.4		ug/L		101	70 - 130
trans-1,2-Dichloroethene	50.0	48.4		ug/L		97	70 - 130
trans-1,3-Dichloropropene	50.0	47.0		ug/L		94	70 - 130
trans-1,4-Dichloro-2-butene	50.0	50.4		ug/L		101	67 - 120
Trichloroethene	50.0	47.2		ug/L		94	70 - 130
Trichlorofluoromethane	50.0	50.2		ug/L		100	63 - 142
Vinyl acetate	100	127		ug/L		127	67 - 135
Vinyl chloride	50.0	53.1		ug/L		106	66 - 129
Xylenes, Total	100	97.8		ug/L		98	70 - 130
o-Xylene	50.0	48.6		ug/L		97	70 - 130
m-Xylene & p-Xylene	50.0	49.2		ug/L		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		60 - 124
Dibromofluoromethane (Surr)	94		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Toluene-d8 (Surr)	95		70 - 130

Lab Sample ID: LCSD 680-867873/5

Matrix: Water

Analysis Batch: 867873

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	43.5		ug/L		87	70 - 130	1	30
1,1,1-Trichloroethane	50.0	52.3		ug/L		105	70 - 130	5	30
1,1,2,2-Tetrachloroethane	50.0	51.7		ug/L		103	70 - 130	1	30
1,1,2-Trichloroethane	50.0	48.7		ug/L		97	70 - 130	3	30
1,1-Dichloroethane	50.0	51.9		ug/L		104	70 - 130	1	30
1,1-Dichloroethene	50.0	51.8		ug/L		104	70 - 130	7	20
1,2,3-Trichloropropane	50.0	50.5		ug/L		101	70 - 130	0	30
1,2-Dibromo-3-Chloropropane	50.0	45.4		ug/L		91	70 - 130	1	30
1,2-Dibromoethane	50.0	48.2		ug/L		96	70 - 130	1	30
1,2-Dichlorobenzene	50.0	49.5		ug/L		99	70 - 130	1	30
1,2-Dichloroethane	50.0	49.2		ug/L		98	70 - 130	3	50
1,2-Dichloropropane	50.0	51.8		ug/L		104	70 - 130	1	20
1,4-Dichlorobenzene	50.0	49.3		ug/L		99	70 - 130	1	30
2-Butanone	250	279		ug/L		112	69 - 120	2	30
2-Hexanone	250	295		ug/L		118	70 - 130	3	20
4-Methyl-2-pentanone	250	285		ug/L		114	68 - 120	3	30
Acetone	250	266		ug/L		106	67 - 120	5	30
Acrylonitrile	500	540		ug/L		108	70 - 130	3	30
Benzene	50.0	49.5		ug/L		99	70 - 130	1	30
Bromochloromethane	50.0	45.7		ug/L		91	70 - 130	4	30
Bromodichloromethane	50.0	45.9		ug/L		92	70 - 130	1	30
Bromoform	50.0	39.0		ug/L		78	69 - 129	2	30

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

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

Lab Sample ID: LCSD 680-867873/5

Matrix: Water

Analysis Batch: 867873

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromomethane	50.0	53.9		ug/L		108	28 - 192	0	30
Carbon disulfide	50.0	43.8		ug/L		88	70 - 130	5	30
Carbon tetrachloride	50.0	49.2		ug/L		98	70 - 130	10	30
Chlorobenzene	50.0	48.4		ug/L		97	70 - 130	1	30
Chloroethane	50.0	22.1		ug/L		44	31 - 213	5	30
Chloroform	50.0	48.8		ug/L		98	70 - 130	2	30
Chloromethane	50.0	50.1		ug/L		100	59 - 127	0	30
cis-1,2-Dichloroethene	50.0	49.2		ug/L		98	70 - 130	0	30
cis-1,3-Dichloropropene	50.0	46.2		ug/L		92	70 - 130	2	20
Dibromochloromethane	50.0	41.9		ug/L		84	70 - 130	2	30
Dibromomethane	50.0	48.6		ug/L		97	70 - 130	3	30
Ethylbenzene	50.0	52.6		ug/L		105	70 - 130	4	20
Iodomethane	50.0	43.1		ug/L		86	52 - 129	1	30
Methylene Chloride	50.0	50.8		ug/L		102	70 - 130	2	30
Styrene	50.0	48.9		ug/L		98	70 - 130	0	30
Tetrachloroethene	50.0	52.8		ug/L		106	70 - 130	8	30
Toluene	50.0	50.6		ug/L		101	70 - 130	0	30
trans-1,2-Dichloroethene	50.0	49.5		ug/L		99	70 - 130	2	30
trans-1,3-Dichloropropene	50.0	45.9		ug/L		92	70 - 130	2	30
trans-1,4-Dichloro-2-butene	50.0	50.2		ug/L		100	67 - 120	0	30
Trichloroethene	50.0	48.5		ug/L		97	70 - 130	3	30
Trichlorofluoromethane	50.0	56.0		ug/L		112	63 - 142	11	30
Vinyl acetate	100	125		ug/L		125	67 - 135	1	30
Vinyl chloride	50.0	55.9		ug/L		112	66 - 129	5	30
Xylenes, Total	100	99.6		ug/L		100	70 - 130	2	30
o-Xylene	50.0	49.1		ug/L		98	70 - 130	1	30
m-Xylene & p-Xylene	50.0	50.5		ug/L		101	70 - 130	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		60 - 124
Dibromofluoromethane (Surr)	93		70 - 130
4-Bromofluorobenzene (Surr)	97		70 - 130
Toluene-d8 (Surr)	94		70 - 130

Lab Sample ID: MB 680-867877/9

Matrix: Water

Analysis Batch: 867877

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			12/08/24 22:36	1
1,1,1-Trichloroethane	ND		1.0	ug/L			12/08/24 22:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			12/08/24 22:36	1
1,1,2-Trichloroethane	ND		1.0	ug/L			12/08/24 22:36	1
1,1-Dichloroethane	ND		1.0	ug/L			12/08/24 22:36	1
1,1-Dichloroethene	ND		1.0	ug/L			12/08/24 22:36	1
1,2,3-Trichloropropane	ND		1.0	ug/L			12/08/24 22:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 22:36	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 22:36	1

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

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

Lab Sample ID: MB 680-867877/9

Matrix: Water

Analysis Batch: 867877

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	ug/L			12/08/24 22:36	1
1,2-Dichloroethane	ND		1.0	ug/L			12/08/24 22:36	1
1,2-Dichloropropane	ND		1.0	ug/L			12/08/24 22:36	1
1,4-Dichlorobenzene	ND		1.0	ug/L			12/08/24 22:36	1
2-Butanone	ND		10	ug/L			12/08/24 22:36	1
2-Hexanone	ND		10	ug/L			12/08/24 22:36	1
4-Methyl-2-pentanone	ND		10	ug/L			12/08/24 22:36	1
Acetone	ND		10	ug/L			12/08/24 22:36	1
Acrylonitrile	ND		20	ug/L			12/08/24 22:36	1
Benzene	ND		1.0	ug/L			12/08/24 22:36	1
Bromochloromethane	ND		1.0	ug/L			12/08/24 22:36	1
Bromodichloromethane	ND		1.0	ug/L			12/08/24 22:36	1
Bromoform	ND		1.0	ug/L			12/08/24 22:36	1
Bromomethane	ND		5.0	ug/L			12/08/24 22:36	1
Carbon disulfide	ND		2.0	ug/L			12/08/24 22:36	1
Carbon tetrachloride	ND		1.0	ug/L			12/08/24 22:36	1
Chlorobenzene	ND		1.0	ug/L			12/08/24 22:36	1
Chloroethane	ND		5.0	ug/L			12/08/24 22:36	1
Chloroform	ND		1.0	ug/L			12/08/24 22:36	1
Chloromethane	ND		1.0	ug/L			12/08/24 22:36	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			12/08/24 22:36	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			12/08/24 22:36	1
Dibromochloromethane	ND		1.0	ug/L			12/08/24 22:36	1
Dibromomethane	ND		1.0	ug/L			12/08/24 22:36	1
Ethylbenzene	ND		1.0	ug/L			12/08/24 22:36	1
Iodomethane	ND		10	ug/L			12/08/24 22:36	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 22:36	1
Styrene	ND		1.0	ug/L			12/08/24 22:36	1
Tetrachloroethene	ND		1.0	ug/L			12/08/24 22:36	1
Toluene	ND		1.0	ug/L			12/08/24 22:36	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			12/08/24 22:36	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			12/08/24 22:36	1
trans-1,4-Dichloro-2-butene	ND		2.0	ug/L			12/08/24 22:36	1
Trichloroethene	ND		1.0	ug/L			12/08/24 22:36	1
Trichlorofluoromethane	ND		1.0	ug/L			12/08/24 22:36	1
Vinyl acetate	ND		2.0	ug/L			12/08/24 22:36	1
Vinyl chloride	ND		1.0	ug/L			12/08/24 22:36	1
Xylenes, Total	ND		1.0	ug/L			12/08/24 22:36	1
o-Xylene	ND		1.0	ug/L			12/08/24 22:36	1
m-Xylene & p-Xylene	ND		1.0	ug/L			12/08/24 22:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		60 - 124		12/08/24 22:36	1
Dibromofluoromethane (Surr)	103		70 - 130		12/08/24 22:36	1
4-Bromofluorobenzene (Surr)	96		70 - 130		12/08/24 22:36	1
Toluene-d8 (Surr)	100		70 - 130		12/08/24 22:36	1

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

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

Lab Sample ID: LCS 680-867877/5

Matrix: Water

Analysis Batch: 867877

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	47.6		ug/L		95	70 - 130
1,1,1-Trichloroethane	50.0	49.8		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	50.0	70.2	*+	ug/L		140	70 - 130
1,1,2-Trichloroethane	50.0	48.7		ug/L		97	70 - 130
1,1-Dichloroethane	50.0	52.1		ug/L		104	70 - 130
1,1-Dichloroethene	50.0	46.6		ug/L		93	70 - 130
1,2,3-Trichloropropane	50.0	59.6		ug/L		119	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	50.6		ug/L		101	70 - 130
1,2-Dibromoethane	50.0	44.8		ug/L		90	70 - 130
1,2-Dichlorobenzene	50.0	53.5		ug/L		107	70 - 130
1,2-Dichloroethane	50.0	48.5		ug/L		97	70 - 130
1,2-Dichloropropane	50.0	53.5		ug/L		107	70 - 130
1,4-Dichlorobenzene	50.0	50.7		ug/L		101	70 - 130
2-Butanone	250	260		ug/L		104	69 - 120
2-Hexanone	250	138	*-	ug/L		55	70 - 130
4-Methyl-2-pentanone	250	285		ug/L		114	68 - 120
Acetone	250	263		ug/L		105	67 - 120
Acrylonitrile	500	531		ug/L		106	70 - 130
Benzene	50.0	51.2		ug/L		102	70 - 130
Bromochloromethane	50.0	49.1		ug/L		98	70 - 130
Bromodichloromethane	50.0	51.0		ug/L		102	70 - 130
Bromoform	50.0	49.5		ug/L		99	69 - 129
Bromomethane	50.0	50.3		ug/L		101	28 - 192
Carbon disulfide	50.0	35.8		ug/L		72	70 - 130
Carbon tetrachloride	50.0	47.8		ug/L		96	70 - 130
Chlorobenzene	50.0	48.7		ug/L		97	70 - 130
Chloroethane	50.0	46.3		ug/L		93	31 - 213
Chloroform	50.0	53.8		ug/L		108	70 - 130
Chloromethane	50.0	47.1		ug/L		94	59 - 127
cis-1,2-Dichloroethene	50.0	52.3		ug/L		105	70 - 130
cis-1,3-Dichloropropene	50.0	50.8		ug/L		102	70 - 130
Dibromochloromethane	50.0	43.0		ug/L		86	70 - 130
Dibromomethane	50.0	50.7		ug/L		101	70 - 130
Ethylbenzene	50.0	52.8		ug/L		106	70 - 130
Iodomethane	50.0	35.3		ug/L		71	52 - 129
Methylene Chloride	50.0	51.7		ug/L		103	70 - 130
Styrene	50.0	48.8		ug/L		98	70 - 130
Tetrachloroethene	50.0	48.7		ug/L		97	70 - 130
Toluene	50.0	50.7		ug/L		101	70 - 130
trans-1,2-Dichloroethene	50.0	50.1		ug/L		100	70 - 130
trans-1,3-Dichloropropene	50.0	48.8		ug/L		98	70 - 130
trans-1,4-Dichloro-2-butene	50.0	60.2		ug/L		120	67 - 120
Trichloroethene	50.0	46.0		ug/L		92	70 - 130
Trichlorofluoromethane	50.0	42.5		ug/L		85	63 - 142
Vinyl acetate	100	292	*+	ug/L		292	67 - 135
Vinyl chloride	50.0	51.1		ug/L		102	66 - 129
Xylenes, Total	100	103		ug/L		103	70 - 130
o-Xylene	50.0	50.8		ug/L		102	70 - 130

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

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

Lab Sample ID: LCS 680-867877/5

Matrix: Water

Analysis Batch: 867877

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	50.0	52.1		ug/L		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		60 - 124
Dibromofluoromethane (Surr)	104		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130
Toluene-d8 (Surr)	108		70 - 130

Lab Sample ID: LCSD 680-867877/6

Matrix: Water

Analysis Batch: 867877

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	47.9		ug/L		96	70 - 130	0	30
1,1,1-Trichloroethane	50.0	50.0		ug/L		100	70 - 130	0	30
1,1,2,2-Tetrachloroethane	50.0	71.2	*+	ug/L		142	70 - 130	1	30
1,1,2-Trichloroethane	50.0	50.0		ug/L		100	70 - 130	3	30
1,1-Dichloroethane	50.0	52.1		ug/L		104	70 - 130	0	30
1,1-Dichloroethene	50.0	45.7		ug/L		91	70 - 130	2	20
1,2,3-Trichloropropane	50.0	63.0		ug/L		126	70 - 130	6	30
1,2-Dibromo-3-Chloropropane	50.0	53.3		ug/L		107	70 - 130	5	30
1,2-Dibromoethane	50.0	46.0		ug/L		92	70 - 130	3	30
1,2-Dichlorobenzene	50.0	53.9		ug/L		108	70 - 130	1	30
1,2-Dichloroethane	50.0	49.6		ug/L		99	70 - 130	2	50
1,2-Dichloropropane	50.0	53.3		ug/L		107	70 - 130	0	20
1,4-Dichlorobenzene	50.0	51.2		ug/L		102	70 - 130	1	30
2-Butanone	250	277		ug/L		111	69 - 120	7	30
2-Hexanone	250	141	*-	ug/L		57	70 - 130	2	20
4-Methyl-2-pentanone	250	296		ug/L		119	68 - 120	4	30
Acetone	250	269		ug/L		108	67 - 120	2	30
Acrylonitrile	500	535		ug/L		107	70 - 130	1	30
Benzene	50.0	51.3		ug/L		103	70 - 130	0	30
Bromochloromethane	50.0	50.1		ug/L		100	70 - 130	2	30
Bromodichloromethane	50.0	50.4		ug/L		101	70 - 130	1	30
Bromoform	50.0	51.6		ug/L		103	69 - 129	4	30
Bromomethane	50.0	52.4		ug/L		105	28 - 192	4	30
Carbon disulfide	50.0	42.1		ug/L		84	70 - 130	16	30
Carbon tetrachloride	50.0	48.1		ug/L		96	70 - 130	1	30
Chlorobenzene	50.0	48.8		ug/L		98	70 - 130	0	30
Chloroethane	50.0	61.4		ug/L		123	31 - 213	28	30
Chloroform	50.0	53.8		ug/L		108	70 - 130	0	30
Chloromethane	50.0	48.3		ug/L		97	59 - 127	3	30
cis-1,2-Dichloroethene	50.0	51.9		ug/L		104	70 - 130	1	30
cis-1,3-Dichloropropene	50.0	50.4		ug/L		101	70 - 130	1	20
Dibromochloromethane	50.0	44.6		ug/L		89	70 - 130	4	30
Dibromomethane	50.0	51.5		ug/L		103	70 - 130	2	30
Ethylbenzene	50.0	51.7		ug/L		103	70 - 130	2	20
Iodomethane	50.0	35.5		ug/L		71	52 - 129	1	30

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

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

Lab Sample ID: LCSD 680-867877/6

Matrix: Water

Analysis Batch: 867877

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylene Chloride	50.0	52.5		ug/L		105	70 - 130	2	30
Styrene	50.0	49.9		ug/L		100	70 - 130	2	30
Tetrachloroethene	50.0	48.4		ug/L		97	70 - 130	1	30
Toluene	50.0	50.0		ug/L		100	70 - 130	1	30
trans-1,2-Dichloroethene	50.0	50.1		ug/L		100	70 - 130	0	30
trans-1,3-Dichloropropene	50.0	49.0		ug/L		98	70 - 130	0	30
trans-1,4-Dichloro-2-butene	50.0	65.4	*+	ug/L		131	67 - 120	8	30
Trichloroethene	50.0	45.8		ug/L		92	70 - 130	0	30
Trichlorofluoromethane	50.0	42.5		ug/L		85	63 - 142	0	30
Vinyl acetate	100	298	*+	ug/L		298	67 - 135	2	30
Vinyl chloride	50.0	48.6		ug/L		97	66 - 129	5	30
Xylenes, Total	100	102		ug/L		102	70 - 130	1	30
o-Xylene	50.0	51.3		ug/L		103	70 - 130	1	30
m-Xylene & p-Xylene	50.0	50.9		ug/L		102	70 - 130	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	102		60 - 124
Dibromofluoromethane (Surr)	105		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Toluene-d8 (Surr)	107		70 - 130

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-25007/1002

Matrix: Water

Analysis Batch: 25007

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	mg/L			12/04/24 15:33	1
Sulfate	ND		1.0	mg/L			12/04/24 15:33	1

Lab Sample ID: MB 705-25007/132

Matrix: Water

Analysis Batch: 25007

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	mg/L			12/04/24 21:15	1
Sulfate	ND		1.0	mg/L			12/04/24 21:15	1

Lab Sample ID: MB 705-25007/160

Matrix: Water

Analysis Batch: 25007

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	mg/L			12/05/24 03:09	1
Sulfate	ND		1.0	mg/L			12/05/24 03:09	1

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 705-25007/1001

Matrix: Water

Analysis Batch: 25007

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.4		mg/L		104	90 - 110
Sulfate	25.0	25.0		mg/L		100	90 - 110

Lab Sample ID: LCS 705-25007/133

Matrix: Water

Analysis Batch: 25007

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.3		mg/L		103	90 - 110
Sulfate	25.0	25.1		mg/L		101	90 - 110

Lab Sample ID: LCS 705-25007/161

Matrix: Water

Analysis Batch: 25007

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.4		mg/L		104	90 - 110
Sulfate	25.0	25.3		mg/L		101	90 - 110

Lab Sample ID: 410-198958-J-2 MS

Matrix: Water

Analysis Batch: 25007

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	9.4	F1	10.0	18.3	F1	mg/L		89	90 - 110

Lab Sample ID: 410-198958-J-2 MSD

Matrix: Water

Analysis Batch: 25007

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.4	F1	10.0	17.8	F1	mg/L		84	90 - 110	3	15

Lab Sample ID: 705-14105-A-1 MS

Matrix: Water

Analysis Batch: 25007

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14	F1	10.0	22.4	F1	mg/L		84	90 - 110
Sulfate	ND	F1	25.0	18.3	F1	mg/L		70	90 - 110

Lab Sample ID: 705-14105-A-1 MSD

Matrix: Water

Analysis Batch: 25007

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14	F1	10.0	22.4	F1	mg/L		84	90 - 110	0	15
Sulfate	ND	F1	25.0	17.9	F1	mg/L		68	90 - 110	2	15

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-14179-A-1 MS

Matrix: Water

Analysis Batch: 25007

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.3		10.0	12.9		mg/L		97	90 - 110
Sulfate	ND		25.0	25.8		mg/L		100	90 - 110

Lab Sample ID: 705-14179-A-1 MSD

Matrix: Water

Analysis Batch: 25007

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.3		10.0	12.8		mg/L		95	90 - 110	1	15
Sulfate	ND		25.0	25.1		mg/L		97	90 - 110	3	15

Lab Sample ID: MB 705-25008/1002

Matrix: Water

Analysis Batch: 25008

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.25	mg/L			12/04/24 15:33	1

Lab Sample ID: MB 705-25008/132

Matrix: Water

Analysis Batch: 25008

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.25	mg/L			12/04/24 21:15	1

Lab Sample ID: MB 705-25008/160

Matrix: Water

Analysis Batch: 25008

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.25	mg/L			12/05/24 03:09	1

Lab Sample ID: LCS 705-25008/1001

Matrix: Water

Analysis Batch: 25008

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	5.00	5.46		mg/L		109	90 - 110

Lab Sample ID: LCS 705-25008/133

Matrix: Water

Analysis Batch: 25008

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	5.00	5.44		mg/L		109	90 - 110

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 705-25008/161

Matrix: Water

Analysis Batch: 25008

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	5.00	5.49		mg/L		110	90 - 110

Lab Sample ID: 410-198958-J-2 MS

Matrix: Water

Analysis Batch: 25008

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	ND		5.00	5.30		mg/L		106	90 - 110

Lab Sample ID: 410-198958-J-2 MSD

Matrix: Water

Analysis Batch: 25008

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	ND		5.00	5.30		mg/L		106	90 - 110	0	15

Lab Sample ID: 705-14105-A-1 MS

Matrix: Water

Analysis Batch: 25008

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	1.6		5.00	6.55		mg/L		99	90 - 110

Lab Sample ID: 705-14105-A-1 MSD

Matrix: Water

Analysis Batch: 25008

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	1.6		5.00	6.51		mg/L		99	90 - 110	1	15

Lab Sample ID: 705-14179-A-1 MS

Matrix: Water

Analysis Batch: 25008

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.8		5.00	7.83		mg/L		101	90 - 110

Lab Sample ID: 705-14179-A-1 MSD

Matrix: Water

Analysis Batch: 25008

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.8		5.00	7.73		mg/L		99	90 - 110	1	15

Lab Sample ID: MB 705-25647/81

Matrix: Water

Analysis Batch: 25647

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	mg/L			12/08/24 10:21	1

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 705-25647/81

Matrix: Water

Analysis Batch: 25647

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.0	mg/L			12/08/24 10:21	1

Lab Sample ID: LCS 705-25647/82

Matrix: Water

Analysis Batch: 25647

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.7		mg/L		107	90 - 110
Sulfate	25.0	25.1		mg/L		101	90 - 110

Lab Sample ID: 705-14154-4 MS

Matrix: Water

Analysis Batch: 25647

Client Sample ID: PH1-GWA-2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.2	F1	10.0	12.4		mg/L		91	90 - 110
Sulfate	3.4	F1	25.0	25.3	F1	mg/L		88	90 - 110

Lab Sample ID: 705-14154-4 MSD

Matrix: Water

Analysis Batch: 25647

Client Sample ID: PH1-GWA-2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.2	F1	10.0	12.0	F1	mg/L		88	90 - 110	3	15
Sulfate	3.4	F1	25.0	25.5	F1	mg/L		88	90 - 110	1	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 670-125295/3-A

Matrix: Water

Analysis Batch: 125759

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 125295

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/05/24 15:59	12/06/24 17:46	1
Arsenic	ND		0.010	mg/L		12/05/24 15:59	12/06/24 17:46	1
Barium	ND		0.020	mg/L		12/05/24 15:59	12/06/24 17:46	1
Beryllium	ND		0.0030	mg/L		12/05/24 15:59	12/06/24 17:46	1
Cadmium	ND		0.0050	mg/L		12/05/24 15:59	12/06/24 17:46	1
Chromium	ND		0.010	mg/L		12/05/24 15:59	12/06/24 17:46	1
Cobalt	ND		0.040	mg/L		12/05/24 15:59	12/06/24 17:46	1
Copper	ND		0.020	mg/L		12/05/24 15:59	12/06/24 17:46	1
Lead	ND		0.015	mg/L		12/05/24 15:59	12/06/24 17:46	1
Nickel	ND		0.020	mg/L		12/05/24 15:59	12/06/24 17:46	1
Selenium	ND		0.010	mg/L		12/05/24 15:59	12/06/24 17:46	1
Silver	ND		0.010	mg/L		12/05/24 15:59	12/06/24 17:46	1
Thallium	ND		0.0020	mg/L		12/05/24 15:59	12/06/24 17:46	1
Vanadium	ND		0.020	mg/L		12/05/24 15:59	12/06/24 17:46	1
Zinc	ND		0.020	mg/L		12/05/24 15:59	12/06/24 17:46	1

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 670-125295/1-A

Matrix: Water

Analysis Batch: 125759

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 125295

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.102		mg/L		102	80 - 120
Arsenic	0.100	0.0898		mg/L		90	80 - 120
Barium	0.100	0.103		mg/L		103	80 - 120
Beryllium	0.100	0.0911		mg/L		91	80 - 120
Cadmium	0.100	0.0998		mg/L		100	80 - 120
Chromium	0.100	0.0915		mg/L		91	80 - 120
Cobalt	0.100	0.0887		mg/L		89	80 - 120
Copper	0.100	0.0887		mg/L		89	80 - 120
Lead	0.100	0.0973		mg/L		97	80 - 120
Nickel	0.100	0.0899		mg/L		90	80 - 120
Selenium	0.100	0.0977		mg/L		98	80 - 120
Silver	0.100	0.0996		mg/L		100	80 - 120
Thallium	0.100	0.0953		mg/L		95	80 - 120
Vanadium	0.100	0.0905		mg/L		91	80 - 120
Zinc	0.100	0.101		mg/L		101	80 - 120

Lab Sample ID: LCSD 670-125295/2-A

Matrix: Water

Analysis Batch: 125759

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 125295

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.100	0.102		mg/L		102	80 - 120	1	20
Arsenic	0.100	0.0889		mg/L		89	80 - 120	1	20
Barium	0.100	0.102		mg/L		102	80 - 120	1	20
Beryllium	0.100	0.0914		mg/L		91	80 - 120	0	20
Cadmium	0.100	0.100		mg/L		100	80 - 120	0	20
Chromium	0.100	0.0925		mg/L		92	80 - 120	1	20
Cobalt	0.100	0.0892		mg/L		89	80 - 120	1	20
Copper	0.100	0.0884		mg/L		88	80 - 120	0	20
Lead	0.100	0.0976		mg/L		98	80 - 120	0	20
Nickel	0.100	0.0890		mg/L		89	80 - 120	1	20
Selenium	0.100	0.0961		mg/L		96	80 - 120	2	20
Silver	0.100	0.0990		mg/L		99	80 - 120	1	20
Thallium	0.100	0.0940		mg/L		94	80 - 120	1	20
Vanadium	0.100	0.0922		mg/L		92	80 - 120	2	20
Zinc	0.100	0.101		mg/L		101	80 - 120	0	20

Lab Sample ID: 660-139737-H-3-A MS

Matrix: Water

Analysis Batch: 125759

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 125295

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND		0.111	0.115		mg/L		104	75 - 125
Arsenic	ND		0.111	0.0992		mg/L		89	75 - 125
Barium	0.033		0.111	0.143		mg/L		99	75 - 125
Beryllium	ND		0.111	0.101		mg/L		91	75 - 125
Cadmium	ND		0.111	0.111		mg/L		100	75 - 125
Chromium	ND		0.111	0.103		mg/L		91	75 - 125
Cobalt	ND		0.111	0.101		mg/L		91	75 - 125

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 660-139737-H-3-A MS
Matrix: Water
Analysis Batch: 125759

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 125295

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	ND		0.111	0.100		mg/L		89	75 - 125
Lead	ND		0.111	0.109		mg/L		98	75 - 125
Nickel	ND		0.111	0.0989		mg/L		89	75 - 125
Selenium	ND	F1	0.111	0.0696	F1	mg/L		63	75 - 125
Silver	ND		0.111	0.111		mg/L		100	75 - 125
Thallium	ND		0.111	0.104		mg/L		94	75 - 125
Vanadium	ND		0.111	0.110		mg/L		92	75 - 125
Zinc	ND		0.111	0.113		mg/L		100	75 - 125

Lab Sample ID: 660-139737-H-3-B MSD
Matrix: Water
Analysis Batch: 125759

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 125295

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND		0.111	0.114		mg/L		103	75 - 125	1	20
Arsenic	ND		0.111	0.102		mg/L		91	75 - 125	3	20
Barium	0.033		0.111	0.145		mg/L		101	75 - 125	2	20
Beryllium	ND		0.111	0.0996		mg/L		90	75 - 125	2	20
Cadmium	ND		0.111	0.111		mg/L		100	75 - 125	1	20
Chromium	ND		0.111	0.104		mg/L		92	75 - 125	1	20
Cobalt	ND		0.111	0.100		mg/L		90	75 - 125	1	20
Copper	ND		0.111	0.100		mg/L		89	75 - 125	0	20
Lead	ND		0.111	0.109		mg/L		98	75 - 125	1	20
Nickel	ND		0.111	0.102		mg/L		92	75 - 125	3	20
Selenium	ND	F1	0.111	0.0699	F1	mg/L		63	75 - 125	0	20
Silver	ND		0.111	0.112		mg/L		101	75 - 125	1	20
Thallium	ND		0.111	0.107		mg/L		96	75 - 125	2	20
Vanadium	ND		0.111	0.112		mg/L		94	75 - 125	2	20
Zinc	ND		0.111	0.114		mg/L		101	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-25304/1
Matrix: Water
Analysis Batch: 25304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	125	125		mg/L		100	90 - 110

Lab Sample ID: 705-13689-E-4 DU
Matrix: Water
Analysis Batch: 25304

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	84		90.4		mg/L		7	30

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: LCS 705-25994/1

Matrix: Water

Analysis Batch: 25994

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	125	128		mg/L		102	90 - 110

Lab Sample ID: 705-14154-36 DU

Matrix: Water

Analysis Batch: 25994

Client Sample ID: AMW-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	30		30.4		mg/L		0.3	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-25330/1

Matrix: Water

Analysis Batch: 25330

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	mg/L			12/05/24 14:30	1

Lab Sample ID: LCS 705-25330/2

Matrix: Water

Analysis Batch: 25330

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	969	1100		mg/L		113	80 - 120

Lab Sample ID: 705-14154-23 DU

Matrix: Water

Analysis Batch: 25330

Client Sample ID: GWC-14A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	180		178		mg/L		0.6	10

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWA-1

Lab Sample ID: 705-14154-1

Date Collected: 12/03/24 10:20

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/08/24 23:36
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/04/24 21:04
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/04/24 21:04
Total/NA	Analysis	2320B-2011		1	25304	AH	EET ATL	12/05/24 12:15
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: PH1-GWA-1A

Lab Sample ID: 705-14154-2

Date Collected: 12/02/24 15:15

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/08/24 23:58

Client Sample ID: PH1-GWA-1A

Lab Sample ID: 705-14154-3

Date Collected: 12/03/24 09:55

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			125295	JR	EET ORL	12/05/24 15:59
Total Recoverable	Analysis	6020B		1	125759	EV	EET ORL	12/06/24 18:08

Client Sample ID: PH1-GWA-2

Lab Sample ID: 705-14154-4

Date Collected: 12/03/24 12:05

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 00:19
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/05/24 00:59
Total/NA	Analysis	9056A		1	25647	MS	EET ATL	12/08/24 10:08
Total/NA	Analysis	2320B-2011		1	25304	AH	EET ATL	12/05/24 12:15
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: PH1-GWA-4

Lab Sample ID: 705-14154-5

Date Collected: 12/03/24 11:20

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 00:41
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/04/24 23:25
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/04/24 23:25
Total/NA	Analysis	2320B-2011		1	25337	AH	EET ATL	12/05/24 12:15
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

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Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWB-1

Date Collected: 12/02/24 16:20

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 01:03

Client Sample ID: PH1-GWB-2

Date Collected: 12/02/24 13:00

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 01:25

Client Sample ID: PH1-GWB-1

Date Collected: 12/03/24 09:25

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			125295	JR	EET ORL	12/05/24 15:59
Total Recoverable	Analysis	6020B		1	125759	EV	EET ORL	12/06/24 18:12

Client Sample ID: PH1-GWB-2

Date Collected: 12/03/24 09:40

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			125295	JR	EET ORL	12/05/24 15:59
Total Recoverable	Analysis	6020B		1	125759	EV	EET ORL	12/06/24 18:14

Client Sample ID: PH1-GWC-2

Date Collected: 12/03/24 14:25

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 01:47
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/05/24 05:42
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/05/24 05:42
Total/NA	Analysis	9056A		1	25647	MS	EET ATL	12/08/24 11:44
Total/NA	Analysis	2320B-2011		1	25304	AH	EET ATL	12/05/24 12:15
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: PH1-GWC-3

Date Collected: 12/03/24 15:15

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 02:09
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/05/24 05:54
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/05/24 05:54

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Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: PH1-GWC-3

Lab Sample ID: 705-14154-11

Date Collected: 12/03/24 15:15

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		1	25647	MS	EET ATL	12/08/24 11:56
Total/NA	Analysis	2320B-2011		1	25304	AH	EET ATL	12/05/24 12:15
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: PH1-GWC-3A

Lab Sample ID: 705-14154-12

Date Collected: 12/03/24 15:56

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 02:31
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/05/24 07:05
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/05/24 07:05
Total/NA	Analysis	9056A		1	25647	MS	EET ATL	12/08/24 12:08
Total/NA	Analysis	2320B-2011		1	25304	AH	EET ATL	12/05/24 12:15
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: GWC-3A

Lab Sample ID: 705-14154-13

Date Collected: 12/02/24 14:10

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 02:52

Client Sample ID: GWC-3A

Lab Sample ID: 705-14154-14

Date Collected: 12/03/24 09:25

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			125295	JR	EET ORL	12/05/24 15:59
Total Recoverable	Analysis	6020B		1	125759	EV	EET ORL	12/06/24 18:16

Client Sample ID: GWC-4

Lab Sample ID: 705-14154-15

Date Collected: 12/02/24 15:15

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 03:14

Client Sample ID: GWC-4

Lab Sample ID: 705-14154-16

Date Collected: 12/03/24 09:50

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			125295	JR	EET ORL	12/05/24 15:59
Total Recoverable	Analysis	6020B		1	125759	EV	EET ORL	12/06/24 18:26

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Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-4A

Date Collected: 12/02/24 16:30

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 03:36

Client Sample ID: GWC-4A

Date Collected: 12/03/24 10:05

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			125295	JR	EET ORL	12/05/24 15:59
Total Recoverable	Analysis	6020B		1	125759	EV	EET ORL	12/06/24 18:28

Client Sample ID: GWC-8A

Date Collected: 12/03/24 11:30

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 03:58
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/04/24 23:37
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/04/24 23:37
Total/NA	Analysis	2320B-2011		1	25304	AH	EET ATL	12/05/24 12:15
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: GWC-8R

Date Collected: 12/03/24 13:30

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 04:20
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/05/24 05:31
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/05/24 05:31
Total/NA	Analysis	9056A		1	25647	MS	EET ATL	12/08/24 12:20
Total/NA	Analysis	2320B-2011		1	25304	AH	EET ATL	12/05/24 12:15
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: AMW-14

Date Collected: 12/03/24 11:45

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 04:42
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/05/24 00:24
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/05/24 00:24
Total/NA	Analysis	2320B-2011		1	25304	AH	EET ATL	12/05/24 12:15
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Eurofins Atlanta

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: Field Blank -1

Date Collected: 12/03/24 16:15

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/08/24 23:14
Total Recoverable	Prep	3005A			125295	JR	EET ORL	12/05/24 15:59
Total Recoverable	Analysis	6020B		1	125759	EV	EET ORL	12/06/24 18:30

Client Sample ID: GWC-14A

Date Collected: 12/03/24 15:15

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 05:03
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/05/24 06:06
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/05/24 06:06
Total/NA	Analysis	9056A		1	25647	MS	EET ATL	12/08/24 12:32
Total/NA	Analysis	2320B-2011		1	25304	AH	EET ATL	12/05/24 12:15
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: GWC-14R

Date Collected: 12/03/24 16:45

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 05:25
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/05/24 07:17
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/05/24 07:17
Total/NA	Analysis	9056A		1	25647	MS	EET ATL	12/08/24 12:43
Total/NA	Analysis	2320B-2011		1	25304	AH	EET ATL	12/05/24 12:15
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: GWC-18

Date Collected: 12/03/24 16:55

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 05:47
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/05/24 07:29
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/05/24 07:29
Total/NA	Analysis	9056A		1	25647	MS	EET ATL	12/08/24 12:55
Total/NA	Analysis	2320B-2011		1	25304	AH	EET ATL	12/05/24 12:15
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Eurofins Atlanta

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-19R

Lab Sample ID: 705-14154-26

Date Collected: 12/03/24 12:35

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867873	P1C	EET SAV	12/09/24 06:09
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/05/24 02:22
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/05/24 02:22
Total/NA	Analysis	2320B-2011		1	25304	AH	EET ATL	12/05/24 12:15
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: GWC-22

Lab Sample ID: 705-14154-27

Date Collected: 12/02/24 16:15

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867877	P1C	EET SAV	12/09/24 01:03

Client Sample ID: GWC-22

Lab Sample ID: 705-14154-28

Date Collected: 12/03/24 09:40

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			125295	JR	EET ORL	12/05/24 15:59
Total Recoverable	Analysis	6020B		1	125759	EV	EET ORL	12/06/24 18:34

Client Sample ID: GWC-23

Lab Sample ID: 705-14154-29

Date Collected: 12/02/24 15:25

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867877	P1C	EET SAV	12/09/24 01:26

Client Sample ID: GWC-23

Lab Sample ID: 705-14154-30

Date Collected: 12/03/24 09:20

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			125295	JR	EET ORL	12/05/24 15:59
Total Recoverable	Analysis	6020B		1	125759	EV	EET ORL	12/06/24 18:36

Client Sample ID: GWC-23A

Lab Sample ID: 705-14154-31

Date Collected: 12/02/24 14:50

Matrix: Water

Date Received: 12/04/24 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867877	P1C	EET SAV	12/09/24 01:48

Eurofins Atlanta

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: GWC-23A

Date Collected: 12/03/24 09:15

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			125295	JR	EET ORL	12/05/24 15:59
Total Recoverable	Analysis	6020B		1	125759	EV	EET ORL	12/06/24 18:38

Client Sample ID: GWC-24

Date Collected: 12/03/24 13:15

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-33

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867877	P1C	EET SAV	12/09/24 02:11
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/05/24 05:19
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/05/24 05:19
Total/NA	Analysis	9056A		1	25647	MS	EET ATL	12/08/24 13:07
Total/NA	Analysis	2320B-2011		1	26052	AH	EET ATL	12/10/24 14:56
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: AMW-2

Date Collected: 12/03/24 15:55

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-34

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867877	P1C	EET SAV	12/09/24 02:34
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/05/24 06:18
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/05/24 06:18
Total/NA	Analysis	9056A		1	25647	MS	EET ATL	12/08/24 13:19
Total/NA	Analysis	2320B-2011		1	25994	AH	EET ATL	12/10/24 11:35
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: AMW-4

Date Collected: 12/03/24 10:20

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-35

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867877	P1C	EET SAV	12/09/24 02:57
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/04/24 22:14
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/04/24 22:14
Total/NA	Analysis	2320B-2011		1	25994	AH	EET ATL	12/10/24 11:35
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: AMW-5

Date Collected: 12/03/24 11:00

Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-36

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867877	P1C	EET SAV	12/09/24 03:19

Eurofins Atlanta

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Client Sample ID: AMW-5
Date Collected: 12/03/24 11:00
Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-36
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		1	25007	MS	EET ATL	12/04/24 22:26
Total/NA	Analysis	9056A		1	25008	MS	EET ATL	12/04/24 22:26
Total/NA	Analysis	2320B-2011		1	25994	AH	EET ATL	12/10/24 11:35
Total/NA	Analysis	2540C - 2015		1	25330	NN	EET ATL	12/05/24 14:30

Client Sample ID: TB-1
Date Collected: 12/02/24 00:00
Date Received: 12/04/24 08:45

Lab Sample ID: 705-14154-37
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	867877	P1C	EET SAV	12/08/24 23:09

Laboratory References:
EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177
EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth Co-Hightower Road MSWLF

Job ID: 705-14154-1

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-25

Laboratory: Eurofins Orlando

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	42800	06-30-25
Arkansas (DW)	State	FL00091	06-30-25
Florida	NELAP	E83018	06-30-25
Georgia (DW)	State	C055	07-01-25
Louisiana (DW)	State	LA039	12-31-24
Mississippi	State	MS00007	06-30-25
New Mexico	State	FL00091	07-02-25
North Carolina (DW)	State	12712	07-31-25
Tennessee	State	TN04930	06-30-25
Texas	NELAP	T104704571	02-28-25

Laboratory: Eurofins Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-25
ANAB	Dept. of Defense ELAP	L2463	09-22-26
Arkansas (DW)	State	GA00006	06-30-25
Arkansas DEQ	State	88-00692	02-01-25
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25
Georgia (DW)	State	803	06-30-25
Guam	State	24-05R	04-17-25
Hawaii	State	<cert No.>	06-30-25
Illinois	NELAP	200022	11-30-25
Iowa	State	353	07-01-25
Kentucky (UST)	State	108138	06-30-24 *
Louisiana (All)	NELAP	30690	06-30-25
Louisiana (DW)	State	LA009	12-31-24
Maine	State	GA00006	09-25-26
Maryland	State	250	12-31-24
Michigan	State	9925	03-05-25
Mississippi	State	<cert No.>	06-30-25
Nebraska	State	NE-OS-7-04	06-30-25
New Mexico	State	GA00006	06-30-25
North Carolina (DW)	State	13701	07-31-25
North Carolina (WW/SW)	State	269	12-31-24
Puerto Rico	State	GA00006	01-01-25
South Carolina	State	98001	06-30-24 *
Tennessee	State	TN02961	06-30-25
Texas	TCEQ Water Supply	T104704185	06-30-24 *
USDA	US Federal Programs	P330-18-00313	04-04-27
Virginia	NELAP	460161	06-14-25
Wyoming	State	8TMS-L	06-30-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Atlanta

Login Sample Receipt Checklist

Client: Atlantic Coast Consulting, Inc.

Job Number: 705-14154-1

Login Number: 14154

List Number: 1

Creator: Pomuti, Carmen

List Source: Eurofins Atlanta

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Atlantic Coast Consulting, Inc.

Job Number: 705-14154-1

Login Number: 14154

List Number: 2

Creator: Beck, Brent

List Source: Eurofins Orlando

List Creation: 12/05/24 01:21 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Atlantic Coast Consulting, Inc.

Job Number: 705-14154-1

Login Number: 14154

List Number: 3

Creator: Lincoln, Alyssa

List Source: Eurofins Savannah

List Creation: 12/05/24 02:49 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

END OF REPORT

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Charles Adams
Atlantic Coast Consulting, Inc.
11545 Wills Road
Suite 100
Alpharetta, Georgia 30009

Generated 1/15/2025 2:14:18 PM Revision 1

JOB DESCRIPTION

Forsyth County-Hightower Road MSWLF
G020-113

JOB NUMBER

705-14560-1

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Authorized for release by
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Revision 1

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Definitions/Glossary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
^3-	Reporting Limit Check Standard is outside acceptance limits, low biased.
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Definitions/Glossary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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13

**Eurofins Environment Testing Southeast
Atlanta**

3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

1.3°C, 1.3°C, 9.9°C, 1.5°C

Client Information		Sampler: <u>C. Blamire, J. May, N. Vance</u>		Lab PM: <u>Nikita Kuruganty</u>		Carrier Tracking No(s):		COC No:																																																																				
Client Contact: <u>Charles Adams (cc: Betsy McDaniel)</u>		Phone:		E-Mail: <u>nikita.kuruganty@et.eurofinsus.com</u>		State of Origin: <u>GA</u>		Page: <u>1 of 6</u>																																																																				
Company: <u>Atlantic Coast Consulting, Inc.</u>		PWSID:		Analysis Requested						Job #:																																																																		
Address: <u>11545 Wills Road, Suite 100</u>		Due Date Requested:		<table border="1"> <tr><td>Field Filtered Sample (Yes or No)</td><td>Perform MS/MSD (Yes or No)</td><td>Appendix VOC</td><td>Appendix Metals</td><td>Alkalinity</td><td>TDS</td><td>Cl, SO4, NO3 *</td><td>SW Metals **</td><td>Chloride</td><td>Cyanide</td><td>COB</td><td>TOC</td><td>Total Number of containers</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix VOC	Appendix Metals	Alkalinity	TDS	Cl, SO4, NO3 *	SW Metals **	Chloride	Cyanide	COB	TOC	Total Number of containers																																																					Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)	
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City: <u>Alpharetta</u>		TAT Requested (days):		Compliance Project: ☐ Yes ☐ No		PO #:		Purchase Order not required		WO #:		Project #: <u>G020-113</u>																																																																
State, Zip: <u>GA, 30009</u>		Project Name: <u>Forsyth County - Hightower Road MSWLF</u>		SSOW#:		Site: <u>9480 Old Federal Road, Ballground GA 30107</u>		Special Instructions/Note:																																																																				
Phone: <u>770-712-9785 (cell); 770-594-5998 (main)</u>		Email: <u>charles.adams@atlcc.net</u>																																																																										
Project Name: <u>Forsyth County - Hightower Road MSWLF</u>																																																																												
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Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix VOC	Appendix Metals	Alkalinity	TDS	Cl, SO4, NO3 *	SW Metals **	Chloride	Cyanide	COB	TOC	Total Number of containers	Special Instructions/Note:
AMW - 12B	12/4/24	1148	G	W		X											3	
GWC - 14A	12/4/24	0915	G	W			X										1	
GWC - 18	12/4/24	0924	G	W			X										1	
GWC - 19B	12/4/24	0907	G	W			X										1	
GWC - 24	12/4/24	0938	G	W			X										1	
AMW - 2	12/4/24	0943	G	W		X											1	
GWA - 3	12/4/24	1415	G	W		X											3	
GWC - 2	12/4/24	1500	G	W		X											3	
GWC - 5	12/4/24	1530	G	W		X											3	
GWC - 6	12/4/24	1040	G	W		X											3	
GWC - 7	12/4/24	1130	G	W		X											3	


705-14560 COC

Possible Hazard Identification				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
☐ Non-Hazard	☐ Flammable	☐ Skin Irritant	☐ Poison B	☐ Unknown	☐ Radiological	☐ Return To Client	☐ Disposal By Lab
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements: * 48-hr holding time nitrate			
Empty Kit Relinquished by:				Method of Shipment:			
Relinquished by: <u>Joel Lopez</u>		Date/Time: <u>12-05-24 1336</u>		Company: <u>ACC</u>		Received by: <u>Prodiace</u>	
Relinquished by:		Date/Time:		Company:		Received by:	
Relinquished by:		Date/Time:		Company:		Received by:	

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: <u>1.3, 1.3, 0.9, 1.5 #2665</u>

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Ver: 01/16/2019
1/15/2025 (Rev. 1)

**Eurofins Environment Testing Southeast
Atlanta**

3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record



Client Information		Sampler: <i>C. Blank, J. May, N. Vard</i>		Lab PM: Nikita Kuruganty		Carrier Tracking No(s):		COC No:																													
Client Contact: Charles Adams (cc: Betsy McDaniel)		Phone:		E-Mail: nikita.kuruganty@et.eurofinsus.com		State of Origin: GA		Page: <i>3 of 6</i>																													
Company: Atlantic Coast Consulting, Inc.		PWSID:		Analysis Requested						Job #:																											
Address: 11545 Wills Road, Suite 100		Due Date Requested:		<table border="1"> <tr><td>Field Filtered Sample (Yes or No)</td></tr> <tr><td>Perform MS/MSD (Yes or No)</td></tr> <tr><td>Appendix I VOC</td></tr> <tr><td>Appendix I Metals</td></tr> <tr><td>Alkalinity</td></tr> <tr><td>TDS</td></tr> <tr><td>Cl, SO4, NO3 *</td></tr> <tr><td>SW Metals **</td></tr> <tr><td>Chloride</td></tr> <tr><td>Cyanide</td></tr> <tr><td>COD</td></tr> <tr><td>TOC</td></tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I VOC	Appendix I Metals	Alkalinity	TDS	Cl, SO4, NO3 *	SW Metals **	Chloride	Cyanide	COD	TOC	Preservation Codes:															
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Cyanide																																					
COD																																					
TOC																																					
City: Alpharetta		TAT Requested (days):		A - HCL		M - Hexane																															
State, Zip: GA, 30009		Compliance Project: ☐ Yes ☐ No		B - NaOH		N - None																															
Phone: 770-712-9785 (cell); 770-594-5998 (main)		PO #:		C - Zn Acetate		O - AsNaO2																															
Email: charles.adams@atcc.net		Purchase Order not required		D - Nitric Acid		P - Na2O4S																															
Project Name: Forsyth County - Hightower Road MSWLF		WO #:		E - NaHSO4		Q - Na2SO3																															
Site: 9480 Old Federal Road, Ballground GA 30107		Project #: G020-113		F - MeOH		R - Na2S2O3																															
		SSOW#:		G - Amchlor		S - H2SO4																															
				H - Ascorbic Acid		T - TSP Dodecahydrate																															
				I - Ice		U - Acetone																															
				J - DI Water		V - MCAA																															
				K - EDTA		W - pH 4-5																															
				L - EDA		Y - Trizma																															
						Z - other (specify)																															
						Other:																															
				Total Number of containers						Special Instructions/Note:																											
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=tissue, A=air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Appendix I VOC		Appendix I Metals		Alkalinity		TDS		Cl, SO4, NO3 *		SW Metals **		Chloride		Cyanide		COD		TOC		Total Number of containers		Special Instructions/Note:	
PH1 - GWA - 4		12/4/24		0920		G		W																													
PH1 - GWC - 1		12/4/24		1030		G		W																													
PH1 - GWC - 2		12/4/24		1000		G		W																													
PH1 - GWC - 3		12/4/24		0940		G		W																													
PH1 - GWC - 3A		12/4/24		0950		G		W																													
GWC - 1		12/4/24		1500		G		W																													
GWA - 1		12/4/24		1015		G		W																													
GWA - 1A		12/4/24		1320		G		W																													
GWA - 2		12/4/24		1400		G		W																													
PH1 - GWA - 3A		12/4/24		1625		G		W																													
Field Blank - 2		12/4/24		1650		G		W																													
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																											
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																											
Deliverable Requested: I, II, III, IV, Other (specify)										Special Instructions/QC Requirements: * 48-hr holding time nitrate																											
Empty Kit Relinquished by:										** Surface Water Metals: As, Ba, Cd, Cr, Pb, Ni, Ag, Se, Zn, Hg																											
Relinquished by: <i>[Signature]</i>										Date/Time: 12-05-24 1336																											
Relinquished by:										Date/Time:																											
Relinquished by:										Date/Time:																											
Custody Seals Intact: ☐ Yes ☐ No										Custody Seal No.:																											
Cooler Temperature(s) °C and Other Remarks: <i>1.3, 1.3, 0.9, 1.5 #2665</i>																																					

**Eurofins Environment Testing Southeast
Atlanta**

3080 Presidential Dr
Atlanta, GA 30340
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Chain of Custody Record

Client Information		Sampler: <u>C. Hlam, K.L., J. May, V. Vancil</u>		Lab PM: Nikita Kuruganty		Carrier Tracking No(s):		COC No:																																																			
Client Contact: Charles Adams (cc: Betsy McDaniel)		Phone:		E-Mail: <u>nikita.kuruganty@et.eurofinsus.com</u>		State of Origin: GA		Page: <u>4 of 6</u>																																																			
Company: Atlantic Coast Consulting, Inc.		PWSID:		Analysis Requested						Job #:																																																	
Address: 11545 Wills Road, Suite 100		Due Date Requested:								Preservation Codes:																																																	
City: Alpharetta		TAT Requested (days):		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No)		Appendix VOC Appendix Metals Alkalinity TDS Cl, SO4, NO3 * SW Metals ** Chloride Cyanide COD TOC		Total Number of containers		Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify) Other:																																																	
Compliance Project: ☐ Yes ☐ No		Project #: G020-113										SSOW#:																																															
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Email: <u>charles.adams@atlcc.net</u>		Project Name: Forsyth County - Hightower Road MSWLF										Site: 9480 Old Federal Road, Ballground GA 30107																																															
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SWC - 6		12/4/24		1620		G		W																																																			
SWA - 2		12/5/24		1032		G		W																																																			
SWC - 1		12/5/24		0920		G		W																																																			
SWC - 2		12/5/24		1022		G		W																												14903																							
SWC - 3		12/5/24		1020		G		W																																																			
SWC - 4		12/5/24		1110		G		W																																																			
SWC - 4A		12/5/24		1106		G		W																																																			
SWC - 4B		12/5/24		1130		G		W																																																			
SWC - 5		12/5/24		0950		G		W																																																			
SWC - 9		12/5/24		1040		G		W																																																			
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																																	
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Deliverable Requested: I, II, III, IV, Other (specify)										Special Instructions/QC Requirements: * 48-hr holding time nitrate ** Surface Water Metals: As, Ba, Cd, Cr, Pb, Ni, Ag, Se, Zn, Hg																																																	
Empty Kit Relinquished by:										Date:										Time:										Method of Shipment:																													
Relinquished by: <u>[Signature]</u>										Date/Time: <u>12-05-24 1336</u>										Company: <u>ACC</u>										Received by: <u>[Signature]</u>										Date/Time: <u>12-5-24 1337</u>										Company: <u>[Signature]</u>									
Relinquished by:										Date/Time:										Company:										Received by:										Date/Time:										Company:									
Relinquished by:										Date/Time:										Company:										Received by:										Date/Time:										Company:									
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Ver: 01/16/2019
1/15/2025 (Rev. 1)

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Ver: 01/16/2019
1/15/2025 (Rev. 1)

Case Narrative

Client: Atlantic Coast Consulting, Inc.
Project: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1

Job ID: 705-14560-1

Eurofins Atlanta

Job Narrative 705-14560-1

Revision

The report being provided is a revision of the original report sent on 12/13/2024. The report (revision 1) is being revised due to: Total Xylene data added to all samples that were submitted for VOC analysis. No other changes are made to this report.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt

The samples were received on 12/5/2024 1:37 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.9°C, 1.3°C, 1.3°C and 1.5°C.

Receipt Exceptions

The following samples were submitted for analysis; however, it was not listed on the Chain-of-Custody (COC: AMW-12 was mistakenly left off the COC. Per client request lab proceeded with App. I VOC analysis per sample volume received.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6020B - Total Recoverable: The continuing calibration verification (CCV) associated with batch 705-2618025821 recovered above the upper control limit for Cobalt. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 6020B - Total Recoverable: The RPD of the laboratory control sample (LCS) for prep batch 25821 recovered outside control limits for the following analytes Cobalt. Affected samples are re-analyzed.

Method 6020B - Total Recoverable: The continuing calibration verification (CCV) associated with batch 705-26181 25827 recovered above the upper control limit for Cobalt. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Atlanta

Detection Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: AMW-12R

Lab Sample ID: 705-14560-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.5		2.0	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	3.3		2.0	ug/L	1		8260D	Total/NA
Tetrachloroethene	9.2		2.0	ug/L	1		8260D	Total/NA
Trichloroethene	2.1		2.0	ug/L	1		8260D	Total/NA

Client Sample ID: GWC-14A

Lab Sample ID: 705-14560-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.17		0.020	mg/L	1		6020B	Total Recoverable
Cobalt	0.14		0.040	mg/L	1		6020B	Total Recoverable
Zinc	0.023		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWC-18

Lab Sample ID: 705-14560-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.13		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWC-19R

Lab Sample ID: 705-14560-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.083		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWC-24

Lab Sample ID: 705-14560-5

No Detections.

Client Sample ID: AMW-2

Lab Sample ID: 705-14560-6

No Detections.

Client Sample ID: GWA-3

Lab Sample ID: 705-14560-7

No Detections.

Client Sample ID: GWC-2

Lab Sample ID: 705-14560-8

No Detections.

Client Sample ID: GWC-5

Lab Sample ID: 705-14560-9

No Detections.

Client Sample ID: GWC-6

Lab Sample ID: 705-14560-10

No Detections.

Client Sample ID: GWC-7

Lab Sample ID: 705-14560-11

No Detections.

Client Sample ID: GWC-8

Lab Sample ID: 705-14560-12

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.2		2.0	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-8A

Lab Sample ID: 705-14560-13

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.044		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWC-9

Lab Sample ID: 705-14560-14

No Detections.

Client Sample ID: GWC-10

Lab Sample ID: 705-14560-15

No Detections.

Client Sample ID: GWC-10A

Lab Sample ID: 705-14560-16

No Detections.

Client Sample ID: GWC-11

Lab Sample ID: 705-14560-17

No Detections.

Client Sample ID: GWC-12

Lab Sample ID: 705-14560-18

No Detections.

Client Sample ID: GWC-12A

Lab Sample ID: 705-14560-19

No Detections.

Client Sample ID: GWC-13

Lab Sample ID: 705-14560-20

No Detections.

Client Sample ID: PH1-GWA-1

Lab Sample ID: 705-14560-21

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.024		0.020	mg/L	1		6020B	Total Recoverable
Cobalt	0.068		0.040	mg/L	1		6020B	Total Recoverable

Client Sample ID: PH1-GWA-2

Lab Sample ID: 705-14560-22

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.054		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: PH1-GWA-4

Lab Sample ID: 705-14560-23

No Detections.

Client Sample ID: PH1-GWC-1

Lab Sample ID: 705-14560-24

No Detections.

Client Sample ID: PH1-GWC-2

Lab Sample ID: 705-14560-25

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWC-3

Lab Sample ID: 705-14560-26

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.026		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: PH1-GWC-3A

Lab Sample ID: 705-14560-27

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.027		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWC-1

Lab Sample ID: 705-14560-28

No Detections.

Client Sample ID: GWA-1

Lab Sample ID: 705-14560-29

No Detections.

Client Sample ID: GWA-1A

Lab Sample ID: 705-14560-30

No Detections.

Client Sample ID: GWA-2

Lab Sample ID: 705-14560-31

No Detections.

Client Sample ID: PH1-GWA-3A

Lab Sample ID: 705-14560-32

No Detections.

Client Sample ID: Field Blank-2

Lab Sample ID: 705-14560-33

No Detections.

Client Sample ID: SWC-6

Lab Sample ID: 705-14560-34

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.8		2.0	ug/L	1		8260D	Total/NA
Chloride	4.8		1.0	mg/L	1		300.0	Total/NA
Barium	0.025		0.020	mg/L	1		6010D	Total/NA
Total Organic Carbon - Duplicates	1.5		1.0	mg/L	1		5310B - 2014	Total/NA

Client Sample ID: SWA-2

Lab Sample ID: 705-14560-35

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.9		1.0	mg/L	1		300.0	Total/NA

Client Sample ID: SWC-1

Lab Sample ID: 705-14560-36

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.1		1.0	mg/L	1		300.0	Total/NA
Total Organic Carbon - Duplicates	1.2		1.0	mg/L	1		5310B - 2014	Total/NA

Client Sample ID: SWC-2

Lab Sample ID: 705-14560-37

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.0		1.0	mg/L	1		300.0	Total/NA
Total Organic Carbon - Duplicates	1.2		1.0	mg/L	1		5310B - 2014	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-3

Lab Sample ID: 705-14560-38

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.5		1.0	mg/L	1		300.0	Total/NA
Total Organic Carbon - Duplicates	1.1		1.0	mg/L	1		5310B - 2014	Total/NA

Client Sample ID: SWC-4

Lab Sample ID: 705-14560-39

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.5		1.0	mg/L	1		300.0	Total/NA
Total Organic Carbon - Duplicates	1.1		1.0	mg/L	1		5310B - 2014	Total/NA

Client Sample ID: SWC-4A

Lab Sample ID: 705-14560-40

No Detections.

Client Sample ID: SWC-4B

Lab Sample ID: 705-14560-41

No Detections.

Client Sample ID: SWC-5

Lab Sample ID: 705-14560-42

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	21		1.0	mg/L	1		300.0	Total/NA
Barium	0.044		0.020	mg/L	1		6010D	Total/NA
Chemical Oxygen Demand	12		10	mg/L	1		410.4	Total/NA
Total Organic Carbon - Duplicates	3.8		1.0	mg/L	1		5310B - 2014	Total/NA

Client Sample ID: SWC-9

Lab Sample ID: 705-14560-43

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.5		1.0	mg/L	1		300.0	Total/NA

Client Sample ID: PH1-GWC-1

Lab Sample ID: 705-14560-44

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.031		0.020	mg/L	1		6020B	Total Recoverable
Zinc	0.081		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWA-1

Lab Sample ID: 705-14560-45

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.024		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWA-1A

Lab Sample ID: 705-14560-46

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.031		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWA-2

Lab Sample ID: 705-14560-47

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.024		0.020	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-3

Lab Sample ID: 705-14560-48

No Detections.

Client Sample ID: GWC-2

Lab Sample ID: 705-14560-49

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.022		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWC-5

Lab Sample ID: 705-14560-50

No Detections.

Client Sample ID: GWC-6

Lab Sample ID: 705-14560-51

No Detections.

Client Sample ID: GWC-7

Lab Sample ID: 705-14560-52

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.030		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWC-8

Lab Sample ID: 705-14560-53

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.026		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWC-9

Lab Sample ID: 705-14560-54

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.054		0.020	mg/L	1		6020B	Total Recoverable
Zinc	0.033		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWC-10A

Lab Sample ID: 705-14560-55

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.030		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: GWC-11

Lab Sample ID: 705-14560-56

No Detections.

Client Sample ID: GWC-12

Lab Sample ID: 705-14560-57

No Detections.

Client Sample ID: GWC-12A

Lab Sample ID: 705-14560-58

No Detections.

Client Sample ID: GWC-13

Lab Sample ID: 705-14560-59

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-1

Lab Sample ID: 705-14560-60

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.091		0.020	mg/L	1		6020B	Total Recoverable

Client Sample ID: Trip Blank-2

Lab Sample ID: 705-14560-61

No Detections.

Client Sample ID: AMW-12

Lab Sample ID: 705-14560-62

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: AMW-12R

Lab Sample ID: 705-14560-1

Date Collected: 12/04/24 11:48

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/07/24 22:46	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/07/24 22:46	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/07/24 22:46	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/07/24 22:46	1
1,1-Dichloroethane	2.5		2.0	ug/L			12/07/24 22:46	1
1,1-Dichloroethene	ND		2.0	ug/L			12/07/24 22:46	1
1,2,3-Trichloropropane	ND		10	ug/L			12/07/24 22:46	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/07/24 22:46	1
1,2-Dibromoethane	ND		1.0	ug/L			12/07/24 22:46	1
1,2-Dichlorobenzene	ND		10	ug/L			12/07/24 22:46	1
1,2-Dichloroethane	ND		2.0	ug/L			12/07/24 22:46	1
1,2-Dichloropropane	ND		2.0	ug/L			12/07/24 22:46	1
1,4-Dichlorobenzene	ND		10	ug/L			12/07/24 22:46	1
2-Butanone	ND		100	ug/L			12/07/24 22:46	1
2-Hexanone	ND		50	ug/L			12/07/24 22:46	1
4-Methyl-2-pentanone	ND		50	ug/L			12/07/24 22:46	1
Acetone	ND		100	ug/L			12/07/24 22:46	1
Acrylonitrile	ND		50	ug/L			12/07/24 22:46	1
Benzene	ND		2.0	ug/L			12/07/24 22:46	1
Bromochloromethane	ND		10	ug/L			12/07/24 22:46	1
Bromodichloromethane	ND		10	ug/L			12/07/24 22:46	1
Bromoform	ND		10	ug/L			12/07/24 22:46	1
Bromomethane	ND		10	ug/L			12/07/24 22:46	1
Carbon disulfide	ND		5.0	ug/L			12/07/24 22:46	1
Carbon tetrachloride	ND		2.0	ug/L			12/07/24 22:46	1
Chlorobenzene	ND		10	ug/L			12/07/24 22:46	1
Chloroethane	ND		2.0	ug/L			12/07/24 22:46	1
Chloroform	ND		2.0	ug/L			12/07/24 22:46	1
Chloromethane	ND		10	ug/L			12/07/24 22:46	1
cis-1,2-Dichloroethene	3.3		2.0	ug/L			12/07/24 22:46	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/07/24 22:46	1
Dibromochloromethane	ND		10	ug/L			12/07/24 22:46	1
Dibromomethane	ND		10	ug/L			12/07/24 22:46	1
Ethylbenzene	ND		2.0	ug/L			12/07/24 22:46	1
Iodomethane	ND		100	ug/L			12/07/24 22:46	1
Methylene Chloride	ND		5.0	ug/L			12/07/24 22:46	1
Styrene	ND		10	ug/L			12/07/24 22:46	1
Tetrachloroethene	9.2		2.0	ug/L			12/07/24 22:46	1
Toluene	ND		2.0	ug/L			12/07/24 22:46	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/07/24 22:46	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/07/24 22:46	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/07/24 22:46	1
Trichloroethene	2.1		2.0	ug/L			12/07/24 22:46	1
Trichlorofluoromethane	ND		10	ug/L			12/07/24 22:46	1
Vinyl acetate	ND	F1	100	ug/L			12/07/24 22:46	1
Vinyl chloride	ND		2.0	ug/L			12/07/24 22:46	1
Xylenes, Total	ND		5.0	ug/L			12/07/24 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 126		12/07/24 22:46	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: AMW-12R

Date Collected: 12/04/24 11:48

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		77 - 121		12/07/24 22:46	1
Toluene-d8 (Surr)	102		79 - 119		12/07/24 22:46	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-14A

Lab Sample ID: 705-14560-2

Date Collected: 12/04/24 09:15

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 18:35	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:35	1
Barium	0.17		0.020	mg/L		12/10/24 07:52	12/10/24 18:35	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 18:35	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 18:35	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:35	1
Cobalt	0.14		0.040	mg/L		12/10/24 07:52	12/11/24 17:47	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:35	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 18:35	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:35	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:35	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:35	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 18:35	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:35	1
Zinc	0.023		0.020	mg/L		12/10/24 07:52	12/10/24 18:35	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-18

Lab Sample ID: 705-14560-3

Date Collected: 12/04/24 09:24

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 18:46	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:46	1
Barium	0.13		0.020	mg/L		12/10/24 07:52	12/10/24 18:46	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 18:46	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 18:46	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:46	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 18:46	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:46	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 18:46	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:46	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:46	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:46	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 18:46	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:46	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:46	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-19R

Lab Sample ID: 705-14560-4

Date Collected: 12/04/24 09:07

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 18:48	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:48	1
Barium	0.083		0.020	mg/L		12/10/24 07:52	12/10/24 18:48	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 18:48	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 18:48	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:48	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 18:48	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:48	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 18:48	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:48	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:48	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:48	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 18:48	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:48	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:48	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-24

Lab Sample ID: 705-14560-5

Date Collected: 12/04/24 09:38

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 18:51	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:51	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:51	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 18:51	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 18:51	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:51	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 18:51	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:51	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 18:51	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:51	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:51	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:51	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 18:51	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:51	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:51	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: AMW-2

Date Collected: 12/04/24 09:43

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-6

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:07	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:07	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:07	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:07	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:07	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:07	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:07	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:07	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:07	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:07	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:07	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:07	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:07	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:07	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:07	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-3

Lab Sample ID: 705-14560-7

Date Collected: 12/04/24 14:15

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/07/24 23:55	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/07/24 23:55	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/07/24 23:55	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/07/24 23:55	1
1,1-Dichloroethane	ND		2.0	ug/L			12/07/24 23:55	1
1,1-Dichloroethene	ND		2.0	ug/L			12/07/24 23:55	1
1,2,3-Trichloropropane	ND		10	ug/L			12/07/24 23:55	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/07/24 23:55	1
1,2-Dibromoethane	ND		1.0	ug/L			12/07/24 23:55	1
1,2-Dichlorobenzene	ND		10	ug/L			12/07/24 23:55	1
1,2-Dichloroethane	ND		2.0	ug/L			12/07/24 23:55	1
1,2-Dichloropropane	ND		2.0	ug/L			12/07/24 23:55	1
1,4-Dichlorobenzene	ND		10	ug/L			12/07/24 23:55	1
2-Butanone	ND		100	ug/L			12/07/24 23:55	1
2-Hexanone	ND		50	ug/L			12/07/24 23:55	1
4-Methyl-2-pentanone	ND		50	ug/L			12/07/24 23:55	1
Acetone	ND		100	ug/L			12/07/24 23:55	1
Acrylonitrile	ND		50	ug/L			12/07/24 23:55	1
Benzene	ND		2.0	ug/L			12/07/24 23:55	1
Bromochloromethane	ND		10	ug/L			12/07/24 23:55	1
Bromodichloromethane	ND		10	ug/L			12/07/24 23:55	1
Bromoform	ND		10	ug/L			12/07/24 23:55	1
Bromomethane	ND		10	ug/L			12/07/24 23:55	1
Carbon disulfide	ND		5.0	ug/L			12/07/24 23:55	1
Carbon tetrachloride	ND		2.0	ug/L			12/07/24 23:55	1
Chlorobenzene	ND		10	ug/L			12/07/24 23:55	1
Chloroethane	ND		2.0	ug/L			12/07/24 23:55	1
Chloroform	ND		2.0	ug/L			12/07/24 23:55	1
Chloromethane	ND		10	ug/L			12/07/24 23:55	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/07/24 23:55	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/07/24 23:55	1
Dibromochloromethane	ND		10	ug/L			12/07/24 23:55	1
Dibromomethane	ND		10	ug/L			12/07/24 23:55	1
Ethylbenzene	ND		2.0	ug/L			12/07/24 23:55	1
Iodomethane	ND		100	ug/L			12/07/24 23:55	1
Methylene Chloride	ND		5.0	ug/L			12/07/24 23:55	1
Styrene	ND		10	ug/L			12/07/24 23:55	1
Tetrachloroethene	ND		2.0	ug/L			12/07/24 23:55	1
Toluene	ND		2.0	ug/L			12/07/24 23:55	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/07/24 23:55	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/07/24 23:55	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/07/24 23:55	1
Trichloroethene	ND		2.0	ug/L			12/07/24 23:55	1
Trichlorofluoromethane	ND		10	ug/L			12/07/24 23:55	1
Vinyl acetate	ND		100	ug/L			12/07/24 23:55	1
Vinyl chloride	ND		2.0	ug/L			12/07/24 23:55	1
Xylenes, Total	ND		5.0	ug/L			12/07/24 23:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 126		12/07/24 23:55	1

Eurolins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-3

Date Collected: 12/04/24 14:15

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		77 - 121		12/07/24 23:55	1
Toluene-d8 (Surr)	100		79 - 119		12/07/24 23:55	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-2

Lab Sample ID: 705-14560-8

Date Collected: 12/04/24 15:00

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 00:18	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 00:18	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 00:18	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 00:18	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 00:18	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 00:18	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 00:18	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 00:18	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 00:18	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 00:18	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 00:18	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 00:18	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 00:18	1
2-Butanone	ND		100	ug/L			12/08/24 00:18	1
2-Hexanone	ND		50	ug/L			12/08/24 00:18	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 00:18	1
Acetone	ND		100	ug/L			12/08/24 00:18	1
Acrylonitrile	ND		50	ug/L			12/08/24 00:18	1
Benzene	ND		2.0	ug/L			12/08/24 00:18	1
Bromochloromethane	ND		10	ug/L			12/08/24 00:18	1
Bromodichloromethane	ND		10	ug/L			12/08/24 00:18	1
Bromoform	ND		10	ug/L			12/08/24 00:18	1
Bromomethane	ND		10	ug/L			12/08/24 00:18	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 00:18	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 00:18	1
Chlorobenzene	ND		10	ug/L			12/08/24 00:18	1
Chloroethane	ND		2.0	ug/L			12/08/24 00:18	1
Chloroform	ND		2.0	ug/L			12/08/24 00:18	1
Chloromethane	ND		10	ug/L			12/08/24 00:18	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 00:18	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 00:18	1
Dibromochloromethane	ND		10	ug/L			12/08/24 00:18	1
Dibromomethane	ND		10	ug/L			12/08/24 00:18	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 00:18	1
Iodomethane	ND		100	ug/L			12/08/24 00:18	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 00:18	1
Styrene	ND		10	ug/L			12/08/24 00:18	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 00:18	1
Toluene	ND		2.0	ug/L			12/08/24 00:18	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 00:18	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 00:18	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 00:18	1
Trichloroethene	ND		2.0	ug/L			12/08/24 00:18	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 00:18	1
Vinyl acetate	ND		100	ug/L			12/08/24 00:18	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 00:18	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 00:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 126		12/08/24 00:18	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-2

Date Collected: 12/04/24 15:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		77 - 121		12/08/24 00:18	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 00:18	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-5

Lab Sample ID: 705-14560-9

Date Collected: 12/04/24 15:30

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 00:41	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 00:41	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 00:41	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 00:41	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 00:41	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 00:41	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 00:41	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 00:41	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 00:41	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 00:41	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 00:41	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 00:41	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 00:41	1
2-Butanone	ND		100	ug/L			12/08/24 00:41	1
2-Hexanone	ND		50	ug/L			12/08/24 00:41	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 00:41	1
Acetone	ND		100	ug/L			12/08/24 00:41	1
Acrylonitrile	ND		50	ug/L			12/08/24 00:41	1
Benzene	ND		2.0	ug/L			12/08/24 00:41	1
Bromochloromethane	ND		10	ug/L			12/08/24 00:41	1
Bromodichloromethane	ND		10	ug/L			12/08/24 00:41	1
Bromoform	ND		10	ug/L			12/08/24 00:41	1
Bromomethane	ND		10	ug/L			12/08/24 00:41	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 00:41	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 00:41	1
Chlorobenzene	ND		10	ug/L			12/08/24 00:41	1
Chloroethane	ND		2.0	ug/L			12/08/24 00:41	1
Chloroform	ND		2.0	ug/L			12/08/24 00:41	1
Chloromethane	ND		10	ug/L			12/08/24 00:41	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 00:41	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 00:41	1
Dibromochloromethane	ND		10	ug/L			12/08/24 00:41	1
Dibromomethane	ND		10	ug/L			12/08/24 00:41	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 00:41	1
Iodomethane	ND		100	ug/L			12/08/24 00:41	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 00:41	1
Styrene	ND		10	ug/L			12/08/24 00:41	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 00:41	1
Toluene	ND		2.0	ug/L			12/08/24 00:41	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 00:41	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 00:41	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 00:41	1
Trichloroethene	ND		2.0	ug/L			12/08/24 00:41	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 00:41	1
Vinyl acetate	ND		100	ug/L			12/08/24 00:41	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 00:41	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 126		12/08/24 00:41	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-5

Date Collected: 12/04/24 15:30

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-9

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		77 - 121		12/08/24 00:41	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 00:41	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-6

Lab Sample ID: 705-14560-10

Date Collected: 12/04/24 10:40

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 01:27	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 01:27	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 01:27	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 01:27	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 01:27	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 01:27	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 01:27	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 01:27	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 01:27	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 01:27	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 01:27	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 01:27	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 01:27	1
2-Butanone	ND		100	ug/L			12/08/24 01:27	1
2-Hexanone	ND		50	ug/L			12/08/24 01:27	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 01:27	1
Acetone	ND		100	ug/L			12/08/24 01:27	1
Acrylonitrile	ND		50	ug/L			12/08/24 01:27	1
Benzene	ND		2.0	ug/L			12/08/24 01:27	1
Bromochloromethane	ND		10	ug/L			12/08/24 01:27	1
Bromodichloromethane	ND		10	ug/L			12/08/24 01:27	1
Bromoform	ND		10	ug/L			12/08/24 01:27	1
Bromomethane	ND		10	ug/L			12/08/24 01:27	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 01:27	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 01:27	1
Chlorobenzene	ND		10	ug/L			12/08/24 01:27	1
Chloroethane	ND		2.0	ug/L			12/08/24 01:27	1
Chloroform	ND		2.0	ug/L			12/08/24 01:27	1
Chloromethane	ND		10	ug/L			12/08/24 01:27	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 01:27	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 01:27	1
Dibromochloromethane	ND		10	ug/L			12/08/24 01:27	1
Dibromomethane	ND		10	ug/L			12/08/24 01:27	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 01:27	1
Iodomethane	ND		100	ug/L			12/08/24 01:27	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 01:27	1
Styrene	ND		10	ug/L			12/08/24 01:27	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 01:27	1
Toluene	ND		2.0	ug/L			12/08/24 01:27	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 01:27	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 01:27	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 01:27	1
Trichloroethene	ND		2.0	ug/L			12/08/24 01:27	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 01:27	1
Vinyl acetate	ND		100	ug/L			12/08/24 01:27	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 01:27	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 01:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		12/08/24 01:27	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-6

Date Collected: 12/04/24 10:40

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Dibromofluoromethane (Surr)</i>	100		77 - 121		12/08/24 01:27	1
<i>Toluene-d8 (Surr)</i>	101		79 - 119		12/08/24 01:27	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-7

Lab Sample ID: 705-14560-11

Date Collected: 12/04/24 11:30

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 01:04	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 01:04	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 01:04	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 01:04	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 01:04	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 01:04	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 01:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 01:04	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 01:04	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 01:04	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 01:04	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 01:04	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 01:04	1
2-Butanone	ND		100	ug/L			12/08/24 01:04	1
2-Hexanone	ND		50	ug/L			12/08/24 01:04	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 01:04	1
Acetone	ND		100	ug/L			12/08/24 01:04	1
Acrylonitrile	ND		50	ug/L			12/08/24 01:04	1
Benzene	ND		2.0	ug/L			12/08/24 01:04	1
Bromochloromethane	ND		10	ug/L			12/08/24 01:04	1
Bromodichloromethane	ND		10	ug/L			12/08/24 01:04	1
Bromoform	ND		10	ug/L			12/08/24 01:04	1
Bromomethane	ND		10	ug/L			12/08/24 01:04	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 01:04	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 01:04	1
Chlorobenzene	ND		10	ug/L			12/08/24 01:04	1
Chloroethane	ND		2.0	ug/L			12/08/24 01:04	1
Chloroform	ND		2.0	ug/L			12/08/24 01:04	1
Chloromethane	ND		10	ug/L			12/08/24 01:04	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 01:04	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 01:04	1
Dibromochloromethane	ND		10	ug/L			12/08/24 01:04	1
Dibromomethane	ND		10	ug/L			12/08/24 01:04	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 01:04	1
Iodomethane	ND		100	ug/L			12/08/24 01:04	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 01:04	1
Styrene	ND		10	ug/L			12/08/24 01:04	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 01:04	1
Toluene	ND		2.0	ug/L			12/08/24 01:04	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 01:04	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 01:04	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 01:04	1
Trichloroethene	ND		2.0	ug/L			12/08/24 01:04	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 01:04	1
Vinyl acetate	ND		100	ug/L			12/08/24 01:04	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 01:04	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 01:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		12/08/24 01:04	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-7

Date Collected: 12/04/24 11:30

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-11

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		77 - 121		12/08/24 01:04	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 01:04	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-8

Lab Sample ID: 705-14560-12

Date Collected: 12/04/24 12:00

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 01:50	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 01:50	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 01:50	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 01:50	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 01:50	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 01:50	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 01:50	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 01:50	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 01:50	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 01:50	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 01:50	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 01:50	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 01:50	1
2-Butanone	ND		100	ug/L			12/08/24 01:50	1
2-Hexanone	ND		50	ug/L			12/08/24 01:50	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 01:50	1
Acetone	ND		100	ug/L			12/08/24 01:50	1
Acrylonitrile	ND		50	ug/L			12/08/24 01:50	1
Benzene	ND		2.0	ug/L			12/08/24 01:50	1
Bromochloromethane	ND		10	ug/L			12/08/24 01:50	1
Bromodichloromethane	ND		10	ug/L			12/08/24 01:50	1
Bromoform	ND		10	ug/L			12/08/24 01:50	1
Bromomethane	ND		10	ug/L			12/08/24 01:50	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 01:50	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 01:50	1
Chlorobenzene	ND		10	ug/L			12/08/24 01:50	1
Chloroethane	ND		2.0	ug/L			12/08/24 01:50	1
Chloroform	ND		2.0	ug/L			12/08/24 01:50	1
Chloromethane	ND		10	ug/L			12/08/24 01:50	1
cis-1,2-Dichloroethene	5.2		2.0	ug/L			12/08/24 01:50	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 01:50	1
Dibromochloromethane	ND		10	ug/L			12/08/24 01:50	1
Dibromomethane	ND		10	ug/L			12/08/24 01:50	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 01:50	1
Iodomethane	ND		100	ug/L			12/08/24 01:50	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 01:50	1
Styrene	ND		10	ug/L			12/08/24 01:50	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 01:50	1
Toluene	ND		2.0	ug/L			12/08/24 01:50	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 01:50	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 01:50	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 01:50	1
Trichloroethene	ND		2.0	ug/L			12/08/24 01:50	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 01:50	1
Vinyl acetate	ND		100	ug/L			12/08/24 01:50	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 01:50	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 01:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 126		12/08/24 01:50	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-8

Date Collected: 12/04/24 12:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-12

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99		77 - 121		12/08/24 01:50	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 01:50	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-8A

Lab Sample ID: 705-14560-13

Date Collected: 12/04/24 10:10

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:10	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:10	1
Barium	0.044		0.020	mg/L		12/10/24 07:52	12/10/24 19:10	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:10	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:10	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:10	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:10	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:10	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:10	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:10	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:10	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:10	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:10	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:10	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:10	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-9

Lab Sample ID: 705-14560-14

Date Collected: 12/04/24 12:30

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 02:13	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 02:13	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 02:13	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 02:13	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 02:13	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 02:13	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 02:13	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 02:13	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 02:13	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 02:13	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 02:13	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 02:13	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 02:13	1
2-Butanone	ND		100	ug/L			12/08/24 02:13	1
2-Hexanone	ND		50	ug/L			12/08/24 02:13	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 02:13	1
Acetone	ND		100	ug/L			12/08/24 02:13	1
Acrylonitrile	ND		50	ug/L			12/08/24 02:13	1
Benzene	ND		2.0	ug/L			12/08/24 02:13	1
Bromochloromethane	ND		10	ug/L			12/08/24 02:13	1
Bromodichloromethane	ND		10	ug/L			12/08/24 02:13	1
Bromoform	ND		10	ug/L			12/08/24 02:13	1
Bromomethane	ND		10	ug/L			12/08/24 02:13	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 02:13	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 02:13	1
Chlorobenzene	ND		10	ug/L			12/08/24 02:13	1
Chloroethane	ND		2.0	ug/L			12/08/24 02:13	1
Chloroform	ND		2.0	ug/L			12/08/24 02:13	1
Chloromethane	ND		10	ug/L			12/08/24 02:13	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 02:13	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 02:13	1
Dibromochloromethane	ND		10	ug/L			12/08/24 02:13	1
Dibromomethane	ND		10	ug/L			12/08/24 02:13	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 02:13	1
Iodomethane	ND		100	ug/L			12/08/24 02:13	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 02:13	1
Styrene	ND		10	ug/L			12/08/24 02:13	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 02:13	1
Toluene	ND		2.0	ug/L			12/08/24 02:13	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 02:13	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 02:13	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 02:13	1
Trichloroethene	ND		2.0	ug/L			12/08/24 02:13	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 02:13	1
Vinyl acetate	ND		100	ug/L			12/08/24 02:13	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 02:13	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 02:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 126		12/08/24 02:13	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-9

Date Collected: 12/04/24 12:30

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-14

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		77 - 121		12/08/24 02:13	1
Toluene-d8 (Surr)	100		79 - 119		12/08/24 02:13	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-10

Lab Sample ID: 705-14560-15

Date Collected: 12/04/24 13:00

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 03:00	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 03:00	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 03:00	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 03:00	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 03:00	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 03:00	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 03:00	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 03:00	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 03:00	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 03:00	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 03:00	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 03:00	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 03:00	1
2-Butanone	ND		100	ug/L			12/08/24 03:00	1
2-Hexanone	ND		50	ug/L			12/08/24 03:00	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 03:00	1
Acetone	ND		100	ug/L			12/08/24 03:00	1
Acrylonitrile	ND		50	ug/L			12/08/24 03:00	1
Benzene	ND		2.0	ug/L			12/08/24 03:00	1
Bromochloromethane	ND		10	ug/L			12/08/24 03:00	1
Bromodichloromethane	ND		10	ug/L			12/08/24 03:00	1
Bromoform	ND		10	ug/L			12/08/24 03:00	1
Bromomethane	ND		10	ug/L			12/08/24 03:00	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 03:00	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 03:00	1
Chlorobenzene	ND		10	ug/L			12/08/24 03:00	1
Chloroethane	ND		2.0	ug/L			12/08/24 03:00	1
Chloroform	ND		2.0	ug/L			12/08/24 03:00	1
Chloromethane	ND		10	ug/L			12/08/24 03:00	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 03:00	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 03:00	1
Dibromochloromethane	ND		10	ug/L			12/08/24 03:00	1
Dibromomethane	ND		10	ug/L			12/08/24 03:00	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 03:00	1
Iodomethane	ND		100	ug/L			12/08/24 03:00	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 03:00	1
Styrene	ND		10	ug/L			12/08/24 03:00	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 03:00	1
Toluene	ND		2.0	ug/L			12/08/24 03:00	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 03:00	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 03:00	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 03:00	1
Trichloroethene	ND		2.0	ug/L			12/08/24 03:00	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 03:00	1
Vinyl acetate	ND		100	ug/L			12/08/24 03:00	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 03:00	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 03:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		12/08/24 03:00	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-10

Lab Sample ID: 705-14560-15

Date Collected: 12/04/24 13:00

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	98		77 - 121		12/08/24 03:00	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 03:00	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-10A

Lab Sample ID: 705-14560-16

Date Collected: 12/04/24 13:40

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 02:37	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 02:37	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 02:37	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 02:37	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 02:37	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 02:37	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 02:37	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 02:37	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 02:37	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 02:37	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 02:37	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 02:37	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 02:37	1
2-Butanone	ND		100	ug/L			12/08/24 02:37	1
2-Hexanone	ND		50	ug/L			12/08/24 02:37	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 02:37	1
Acetone	ND		100	ug/L			12/08/24 02:37	1
Acrylonitrile	ND		50	ug/L			12/08/24 02:37	1
Benzene	ND		2.0	ug/L			12/08/24 02:37	1
Bromochloromethane	ND		10	ug/L			12/08/24 02:37	1
Bromodichloromethane	ND		10	ug/L			12/08/24 02:37	1
Bromoform	ND		10	ug/L			12/08/24 02:37	1
Bromomethane	ND		10	ug/L			12/08/24 02:37	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 02:37	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 02:37	1
Chlorobenzene	ND		10	ug/L			12/08/24 02:37	1
Chloroethane	ND		2.0	ug/L			12/08/24 02:37	1
Chloroform	ND		2.0	ug/L			12/08/24 02:37	1
Chloromethane	ND		10	ug/L			12/08/24 02:37	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 02:37	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 02:37	1
Dibromochloromethane	ND		10	ug/L			12/08/24 02:37	1
Dibromomethane	ND		10	ug/L			12/08/24 02:37	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 02:37	1
Iodomethane	ND		100	ug/L			12/08/24 02:37	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 02:37	1
Styrene	ND		10	ug/L			12/08/24 02:37	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 02:37	1
Toluene	ND		2.0	ug/L			12/08/24 02:37	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 02:37	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 02:37	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 02:37	1
Trichloroethene	ND		2.0	ug/L			12/08/24 02:37	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 02:37	1
Vinyl acetate	ND		100	ug/L			12/08/24 02:37	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 02:37	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 126		12/08/24 02:37	1

Eurolins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-10A
Date Collected: 12/04/24 13:40
Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-16
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		77 - 121		12/08/24 02:37	1
Toluene-d8 (Surr)	100		79 - 119		12/08/24 02:37	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-11

Lab Sample ID: 705-14560-17

Date Collected: 12/04/24 14:15

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 03:24	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 03:24	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 03:24	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 03:24	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 03:24	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 03:24	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 03:24	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 03:24	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 03:24	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 03:24	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 03:24	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 03:24	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 03:24	1
2-Butanone	ND		100	ug/L			12/08/24 03:24	1
2-Hexanone	ND		50	ug/L			12/08/24 03:24	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 03:24	1
Acetone	ND		100	ug/L			12/08/24 03:24	1
Acrylonitrile	ND		50	ug/L			12/08/24 03:24	1
Benzene	ND		2.0	ug/L			12/08/24 03:24	1
Bromochloromethane	ND		10	ug/L			12/08/24 03:24	1
Bromodichloromethane	ND		10	ug/L			12/08/24 03:24	1
Bromoform	ND		10	ug/L			12/08/24 03:24	1
Bromomethane	ND		10	ug/L			12/08/24 03:24	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 03:24	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 03:24	1
Chlorobenzene	ND		10	ug/L			12/08/24 03:24	1
Chloroethane	ND		2.0	ug/L			12/08/24 03:24	1
Chloroform	ND		2.0	ug/L			12/08/24 03:24	1
Chloromethane	ND		10	ug/L			12/08/24 03:24	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 03:24	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 03:24	1
Dibromochloromethane	ND		10	ug/L			12/08/24 03:24	1
Dibromomethane	ND		10	ug/L			12/08/24 03:24	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 03:24	1
Iodomethane	ND		100	ug/L			12/08/24 03:24	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 03:24	1
Styrene	ND		10	ug/L			12/08/24 03:24	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 03:24	1
Toluene	ND		2.0	ug/L			12/08/24 03:24	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 03:24	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 03:24	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 03:24	1
Trichloroethene	ND		2.0	ug/L			12/08/24 03:24	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 03:24	1
Vinyl acetate	ND		100	ug/L			12/08/24 03:24	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 03:24	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 03:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		12/08/24 03:24	1

Eurolins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-11

Lab Sample ID: 705-14560-17

Date Collected: 12/04/24 14:15

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		77 - 121		12/08/24 03:24	1
Toluene-d8 (Surr)	99		79 - 119		12/08/24 03:24	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-12

Lab Sample ID: 705-14560-18

Date Collected: 12/04/24 14:45

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/11/24 16:23	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/11/24 16:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/11/24 16:23	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/11/24 16:23	1
1,1-Dichloroethane	ND		2.0	ug/L			12/11/24 16:23	1
1,1-Dichloroethene	ND		2.0	ug/L			12/11/24 16:23	1
1,2,3-Trichloropropane	ND		10	ug/L			12/11/24 16:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/11/24 16:23	1
1,2-Dibromoethane	ND		1.0	ug/L			12/11/24 16:23	1
1,2-Dichlorobenzene	ND		10	ug/L			12/11/24 16:23	1
1,2-Dichloroethane	ND		2.0	ug/L			12/11/24 16:23	1
1,2-Dichloropropane	ND		2.0	ug/L			12/11/24 16:23	1
1,4-Dichlorobenzene	ND		10	ug/L			12/11/24 16:23	1
2-Butanone	ND		100	ug/L			12/11/24 16:23	1
2-Hexanone	ND		50	ug/L			12/11/24 16:23	1
4-Methyl-2-pentanone	ND		50	ug/L			12/11/24 16:23	1
Acetone	ND		100	ug/L			12/11/24 16:23	1
Acrylonitrile	ND		50	ug/L			12/11/24 16:23	1
Benzene	ND		2.0	ug/L			12/11/24 16:23	1
Bromochloromethane	ND		10	ug/L			12/11/24 16:23	1
Bromodichloromethane	ND		10	ug/L			12/11/24 16:23	1
Bromoform	ND		10	ug/L			12/11/24 16:23	1
Bromomethane	ND		10	ug/L			12/11/24 16:23	1
Carbon disulfide	ND		5.0	ug/L			12/11/24 16:23	1
Carbon tetrachloride	ND		2.0	ug/L			12/11/24 16:23	1
Chlorobenzene	ND		10	ug/L			12/11/24 16:23	1
Chloroethane	ND		2.0	ug/L			12/11/24 16:23	1
Chloroform	ND		2.0	ug/L			12/11/24 16:23	1
Chloromethane	ND		10	ug/L			12/11/24 16:23	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/11/24 16:23	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/11/24 16:23	1
Dibromochloromethane	ND		10	ug/L			12/11/24 16:23	1
Dibromomethane	ND		10	ug/L			12/11/24 16:23	1
Ethylbenzene	ND		2.0	ug/L			12/11/24 16:23	1
Iodomethane	ND		100	ug/L			12/11/24 16:23	1
Methylene Chloride	ND		5.0	ug/L			12/11/24 16:23	1
Styrene	ND		10	ug/L			12/11/24 16:23	1
Tetrachloroethene	ND		2.0	ug/L			12/11/24 16:23	1
Toluene	ND		2.0	ug/L			12/11/24 16:23	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/11/24 16:23	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/11/24 16:23	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/11/24 16:23	1
Trichloroethene	ND		2.0	ug/L			12/11/24 16:23	1
Trichlorofluoromethane	ND	F1	10	ug/L			12/11/24 16:23	1
Vinyl acetate	ND		100	ug/L			12/11/24 16:23	1
Vinyl chloride	ND		2.0	ug/L			12/11/24 16:23	1
Xylenes, Total	ND		5.0	ug/L			12/11/24 16:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 126		12/11/24 16:23	1

Eurofins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-12

Lab Sample ID: 705-14560-18

Date Collected: 12/04/24 14:45

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	103		77 - 121		12/11/24 16:23	1
Toluene-d8 (Surr)	100		79 - 119		12/11/24 16:23	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-12A

Lab Sample ID: 705-14560-19

Date Collected: 12/04/24 13:06

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/11/24 16:47	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/11/24 16:47	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/11/24 16:47	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/11/24 16:47	1
1,1-Dichloroethane	ND		2.0	ug/L			12/11/24 16:47	1
1,1-Dichloroethene	ND		2.0	ug/L			12/11/24 16:47	1
1,2,3-Trichloropropane	ND		10	ug/L			12/11/24 16:47	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/11/24 16:47	1
1,2-Dibromoethane	ND		1.0	ug/L			12/11/24 16:47	1
1,2-Dichlorobenzene	ND		10	ug/L			12/11/24 16:47	1
1,2-Dichloroethane	ND		2.0	ug/L			12/11/24 16:47	1
1,2-Dichloropropane	ND		2.0	ug/L			12/11/24 16:47	1
1,4-Dichlorobenzene	ND		10	ug/L			12/11/24 16:47	1
2-Butanone	ND		100	ug/L			12/11/24 16:47	1
2-Hexanone	ND		50	ug/L			12/11/24 16:47	1
4-Methyl-2-pentanone	ND		50	ug/L			12/11/24 16:47	1
Acetone	ND		100	ug/L			12/11/24 16:47	1
Acrylonitrile	ND		50	ug/L			12/11/24 16:47	1
Benzene	ND		2.0	ug/L			12/11/24 16:47	1
Bromochloromethane	ND		10	ug/L			12/11/24 16:47	1
Bromodichloromethane	ND		10	ug/L			12/11/24 16:47	1
Bromoform	ND		10	ug/L			12/11/24 16:47	1
Bromomethane	ND		10	ug/L			12/11/24 16:47	1
Carbon disulfide	ND		5.0	ug/L			12/11/24 16:47	1
Carbon tetrachloride	ND		2.0	ug/L			12/11/24 16:47	1
Chlorobenzene	ND		10	ug/L			12/11/24 16:47	1
Chloroethane	ND		2.0	ug/L			12/11/24 16:47	1
Chloroform	ND		2.0	ug/L			12/11/24 16:47	1
Chloromethane	ND		10	ug/L			12/11/24 16:47	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/11/24 16:47	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/11/24 16:47	1
Dibromochloromethane	ND		10	ug/L			12/11/24 16:47	1
Dibromomethane	ND		10	ug/L			12/11/24 16:47	1
Ethylbenzene	ND		2.0	ug/L			12/11/24 16:47	1
Iodomethane	ND		100	ug/L			12/11/24 16:47	1
Methylene Chloride	ND		5.0	ug/L			12/11/24 16:47	1
Styrene	ND		10	ug/L			12/11/24 16:47	1
Tetrachloroethene	ND		2.0	ug/L			12/11/24 16:47	1
Toluene	ND		2.0	ug/L			12/11/24 16:47	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/11/24 16:47	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/11/24 16:47	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/11/24 16:47	1
Trichloroethene	ND		2.0	ug/L			12/11/24 16:47	1
Trichlorofluoromethane	ND		10	ug/L			12/11/24 16:47	1
Vinyl acetate	ND		100	ug/L			12/11/24 16:47	1
Vinyl chloride	ND		2.0	ug/L			12/11/24 16:47	1
Xylenes, Total	ND		5.0	ug/L			12/11/24 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 126		12/11/24 16:47	1

Eurolins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-12A

Date Collected: 12/04/24 13:06

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-19

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	106		77 - 121		12/11/24 16:47	1
Toluene-d8 (Surr)	98		79 - 119		12/11/24 16:47	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-13

Lab Sample ID: 705-14560-20

Date Collected: 12/04/24 10:28

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 07:16	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 07:16	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 07:16	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 07:16	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 07:16	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 07:16	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 07:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 07:16	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 07:16	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 07:16	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 07:16	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 07:16	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 07:16	1
2-Butanone	ND		100	ug/L			12/08/24 07:16	1
2-Hexanone	ND		50	ug/L			12/08/24 07:16	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 07:16	1
Acetone	ND		100	ug/L			12/08/24 07:16	1
Acrylonitrile	ND		50	ug/L			12/08/24 07:16	1
Benzene	ND		2.0	ug/L			12/08/24 07:16	1
Bromochloromethane	ND		10	ug/L			12/08/24 07:16	1
Bromodichloromethane	ND		10	ug/L			12/08/24 07:16	1
Bromoform	ND		10	ug/L			12/08/24 07:16	1
Bromomethane	ND		10	ug/L			12/08/24 07:16	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 07:16	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 07:16	1
Chlorobenzene	ND		10	ug/L			12/08/24 07:16	1
Chloroethane	ND		2.0	ug/L			12/08/24 07:16	1
Chloroform	ND		2.0	ug/L			12/08/24 07:16	1
Chloromethane	ND		10	ug/L			12/08/24 07:16	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 07:16	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 07:16	1
Dibromochloromethane	ND		10	ug/L			12/08/24 07:16	1
Dibromomethane	ND		10	ug/L			12/08/24 07:16	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 07:16	1
Iodomethane	ND		100	ug/L			12/08/24 07:16	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 07:16	1
Styrene	ND		10	ug/L			12/08/24 07:16	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 07:16	1
Toluene	ND		2.0	ug/L			12/08/24 07:16	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 07:16	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 07:16	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 07:16	1
Trichloroethene	ND		2.0	ug/L			12/08/24 07:16	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 07:16	1
Vinyl acetate	ND		100	ug/L			12/08/24 07:16	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 07:16	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 07:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		12/08/24 07:16	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-13

Date Collected: 12/04/24 10:28

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-20

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		77 - 121		12/08/24 07:16	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 07:16	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWA-1

Lab Sample ID: 705-14560-21

Date Collected: 12/04/24 09:10

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:12	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:12	1
Barium	0.024		0.020	mg/L		12/10/24 07:52	12/10/24 19:12	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:12	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:12	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:12	1
Cobalt	0.068		0.040	mg/L		12/10/24 07:52	12/11/24 18:42	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:12	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:12	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:12	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:12	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:12	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:12	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:12	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:12	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWA-2

Lab Sample ID: 705-14560-22

Date Collected: 12/04/24 09:30

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:14	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:14	1
Barium	0.054		0.020	mg/L		12/10/24 07:52	12/10/24 19:14	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:14	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:14	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:14	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:14	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:14	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:14	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:14	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:14	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:14	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:14	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:14	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:14	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWA-4

Lab Sample ID: 705-14560-23

Date Collected: 12/04/24 09:20

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:17	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:17	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:17	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:17	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:17	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:17	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:17	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:17	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:17	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:17	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:17	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:17	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:17	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:17	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:17	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWC-1

Lab Sample ID: 705-14560-24

Date Collected: 12/04/24 10:30

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 09:58	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 09:58	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 09:58	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 09:58	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 09:58	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 09:58	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 09:58	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 09:58	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 09:58	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 09:58	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 09:58	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 09:58	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 09:58	1
2-Butanone	ND		100	ug/L			12/08/24 09:58	1
2-Hexanone	ND		50	ug/L			12/08/24 09:58	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 09:58	1
Acetone	ND		100	ug/L			12/08/24 09:58	1
Acrylonitrile	ND		50	ug/L			12/08/24 09:58	1
Benzene	ND		2.0	ug/L			12/08/24 09:58	1
Bromochloromethane	ND		10	ug/L			12/08/24 09:58	1
Bromodichloromethane	ND		10	ug/L			12/08/24 09:58	1
Bromoform	ND		10	ug/L			12/08/24 09:58	1
Bromomethane	ND		10	ug/L			12/08/24 09:58	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 09:58	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 09:58	1
Chlorobenzene	ND		10	ug/L			12/08/24 09:58	1
Chloroethane	ND		2.0	ug/L			12/08/24 09:58	1
Chloroform	ND		2.0	ug/L			12/08/24 09:58	1
Chloromethane	ND		10	ug/L			12/08/24 09:58	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 09:58	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 09:58	1
Dibromochloromethane	ND		10	ug/L			12/08/24 09:58	1
Dibromomethane	ND		10	ug/L			12/08/24 09:58	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 09:58	1
Iodomethane	ND		100	ug/L			12/08/24 09:58	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 09:58	1
Styrene	ND		10	ug/L			12/08/24 09:58	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 09:58	1
Toluene	ND		2.0	ug/L			12/08/24 09:58	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 09:58	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 09:58	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 09:58	1
Trichloroethene	ND		2.0	ug/L			12/08/24 09:58	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 09:58	1
Vinyl acetate	ND		100	ug/L			12/08/24 09:58	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 09:58	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 09:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 126		12/08/24 09:58	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWC-1

Lab Sample ID: 705-14560-24

Date Collected: 12/04/24 10:30

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		77 - 121		12/08/24 09:58	1
Toluene-d8 (Surr)	100		79 - 119		12/08/24 09:58	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWC-2

Lab Sample ID: 705-14560-25

Date Collected: 12/04/24 10:00

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:19	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:19	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:19	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:19	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:19	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:19	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:19	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:19	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:19	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:19	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:19	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:19	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:19	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:19	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:19	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWC-3

Lab Sample ID: 705-14560-26

Date Collected: 12/04/24 09:40

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:21	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:21	1
Barium	0.026		0.020	mg/L		12/10/24 07:52	12/10/24 19:21	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:21	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:21	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:21	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:21	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:21	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:21	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:21	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:21	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:21	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:21	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:21	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:21	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWC-3A

Lab Sample ID: 705-14560-27

Date Collected: 12/04/24 09:50

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:24	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:24	1
Barium	0.027		0.020	mg/L		12/10/24 07:52	12/10/24 19:24	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:24	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:24	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:24	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:24	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:24	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:24	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:24	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:24	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:24	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:24	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:24	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:24	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-1

Lab Sample ID: 705-14560-28

Date Collected: 12/04/24 15:00

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 07:40	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 07:40	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 07:40	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 07:40	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 07:40	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 07:40	1
1,2,3-Trichloropropane	ND	F1	10	ug/L			12/08/24 07:40	1
1,2-Dibromo-3-Chloropropane	ND	F1	5.0	ug/L			12/08/24 07:40	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 07:40	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 07:40	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 07:40	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 07:40	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 07:40	1
2-Butanone	ND		100	ug/L			12/08/24 07:40	1
2-Hexanone	ND		50	ug/L			12/08/24 07:40	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 07:40	1
Acetone	ND		100	ug/L			12/08/24 07:40	1
Acrylonitrile	ND		50	ug/L			12/08/24 07:40	1
Benzene	ND		2.0	ug/L			12/08/24 07:40	1
Bromochloromethane	ND		10	ug/L			12/08/24 07:40	1
Bromodichloromethane	ND		10	ug/L			12/08/24 07:40	1
Bromoform	ND		10	ug/L			12/08/24 07:40	1
Bromomethane	ND		10	ug/L			12/08/24 07:40	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 07:40	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 07:40	1
Chlorobenzene	ND		10	ug/L			12/08/24 07:40	1
Chloroethane	ND		2.0	ug/L			12/08/24 07:40	1
Chloroform	ND		2.0	ug/L			12/08/24 07:40	1
Chloromethane	ND		10	ug/L			12/08/24 07:40	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 07:40	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 07:40	1
Dibromochloromethane	ND		10	ug/L			12/08/24 07:40	1
Dibromomethane	ND		10	ug/L			12/08/24 07:40	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 07:40	1
Iodomethane	ND		100	ug/L			12/08/24 07:40	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 07:40	1
Styrene	ND		10	ug/L			12/08/24 07:40	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 07:40	1
Toluene	ND		2.0	ug/L			12/08/24 07:40	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 07:40	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 07:40	1
trans-1,4-Dichloro-2-butene	ND	F1	100	ug/L			12/08/24 07:40	1
Trichloroethene	ND		2.0	ug/L			12/08/24 07:40	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 07:40	1
Vinyl acetate	ND		100	ug/L			12/08/24 07:40	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 07:40	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 07:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 126		12/08/24 07:40	1

Eurofins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-1

Date Collected: 12/04/24 15:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-28

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	102		77 - 121		12/08/24 07:40	1
Toluene-d8 (Surr)	102		79 - 119		12/08/24 07:40	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-1

Lab Sample ID: 705-14560-29

Date Collected: 12/04/24 10:15

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 08:03	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 08:03	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 08:03	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 08:03	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 08:03	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 08:03	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 08:03	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 08:03	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 08:03	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 08:03	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 08:03	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 08:03	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 08:03	1
2-Butanone	ND		100	ug/L			12/08/24 08:03	1
2-Hexanone	ND		50	ug/L			12/08/24 08:03	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 08:03	1
Acetone	ND		100	ug/L			12/08/24 08:03	1
Acrylonitrile	ND		50	ug/L			12/08/24 08:03	1
Benzene	ND		2.0	ug/L			12/08/24 08:03	1
Bromochloromethane	ND		10	ug/L			12/08/24 08:03	1
Bromodichloromethane	ND		10	ug/L			12/08/24 08:03	1
Bromoform	ND		10	ug/L			12/08/24 08:03	1
Bromomethane	ND		10	ug/L			12/08/24 08:03	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 08:03	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 08:03	1
Chlorobenzene	ND		10	ug/L			12/08/24 08:03	1
Chloroethane	ND		2.0	ug/L			12/08/24 08:03	1
Chloroform	ND		2.0	ug/L			12/08/24 08:03	1
Chloromethane	ND		10	ug/L			12/08/24 08:03	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 08:03	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 08:03	1
Dibromochloromethane	ND		10	ug/L			12/08/24 08:03	1
Dibromomethane	ND		10	ug/L			12/08/24 08:03	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 08:03	1
Iodomethane	ND		100	ug/L			12/08/24 08:03	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 08:03	1
Styrene	ND		10	ug/L			12/08/24 08:03	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 08:03	1
Toluene	ND		2.0	ug/L			12/08/24 08:03	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 08:03	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 08:03	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 08:03	1
Trichloroethene	ND		2.0	ug/L			12/08/24 08:03	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 08:03	1
Vinyl acetate	ND		100	ug/L			12/08/24 08:03	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 08:03	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 08:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 126		12/08/24 08:03	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-1

Date Collected: 12/04/24 10:15

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-29

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		77 - 121		12/08/24 08:03	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 08:03	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-1A

Lab Sample ID: 705-14560-30

Date Collected: 12/04/24 13:20

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 08:26	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 08:26	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 08:26	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 08:26	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 08:26	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 08:26	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 08:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 08:26	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 08:26	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 08:26	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 08:26	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 08:26	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 08:26	1
2-Butanone	ND		100	ug/L			12/08/24 08:26	1
2-Hexanone	ND		50	ug/L			12/08/24 08:26	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 08:26	1
Acetone	ND		100	ug/L			12/08/24 08:26	1
Acrylonitrile	ND		50	ug/L			12/08/24 08:26	1
Benzene	ND		2.0	ug/L			12/08/24 08:26	1
Bromochloromethane	ND		10	ug/L			12/08/24 08:26	1
Bromodichloromethane	ND		10	ug/L			12/08/24 08:26	1
Bromoform	ND		10	ug/L			12/08/24 08:26	1
Bromomethane	ND		10	ug/L			12/08/24 08:26	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 08:26	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 08:26	1
Chlorobenzene	ND		10	ug/L			12/08/24 08:26	1
Chloroethane	ND		2.0	ug/L			12/08/24 08:26	1
Chloroform	ND		2.0	ug/L			12/08/24 08:26	1
Chloromethane	ND		10	ug/L			12/08/24 08:26	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 08:26	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 08:26	1
Dibromochloromethane	ND		10	ug/L			12/08/24 08:26	1
Dibromomethane	ND		10	ug/L			12/08/24 08:26	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 08:26	1
Iodomethane	ND		100	ug/L			12/08/24 08:26	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 08:26	1
Styrene	ND		10	ug/L			12/08/24 08:26	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 08:26	1
Toluene	ND		2.0	ug/L			12/08/24 08:26	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 08:26	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 08:26	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 08:26	1
Trichloroethene	ND		2.0	ug/L			12/08/24 08:26	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 08:26	1
Vinyl acetate	ND		100	ug/L			12/08/24 08:26	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 08:26	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 08:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 126		12/08/24 08:26	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-1A

Lab Sample ID: 705-14560-30

Date Collected: 12/04/24 13:20

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99		77 - 121		12/08/24 08:26	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 08:26	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-2

Lab Sample ID: 705-14560-31

Date Collected: 12/04/24 14:00

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 08:49	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 08:49	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 08:49	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 08:49	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 08:49	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 08:49	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 08:49	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 08:49	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 08:49	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 08:49	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 08:49	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 08:49	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 08:49	1
2-Butanone	ND		100	ug/L			12/08/24 08:49	1
2-Hexanone	ND		50	ug/L			12/08/24 08:49	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 08:49	1
Acetone	ND		100	ug/L			12/08/24 08:49	1
Acrylonitrile	ND		50	ug/L			12/08/24 08:49	1
Benzene	ND		2.0	ug/L			12/08/24 08:49	1
Bromochloromethane	ND		10	ug/L			12/08/24 08:49	1
Bromodichloromethane	ND		10	ug/L			12/08/24 08:49	1
Bromoform	ND		10	ug/L			12/08/24 08:49	1
Bromomethane	ND		10	ug/L			12/08/24 08:49	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 08:49	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 08:49	1
Chlorobenzene	ND		10	ug/L			12/08/24 08:49	1
Chloroethane	ND		2.0	ug/L			12/08/24 08:49	1
Chloroform	ND		2.0	ug/L			12/08/24 08:49	1
Chloromethane	ND		10	ug/L			12/08/24 08:49	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 08:49	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 08:49	1
Dibromochloromethane	ND		10	ug/L			12/08/24 08:49	1
Dibromomethane	ND		10	ug/L			12/08/24 08:49	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 08:49	1
Iodomethane	ND		100	ug/L			12/08/24 08:49	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 08:49	1
Styrene	ND		10	ug/L			12/08/24 08:49	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 08:49	1
Toluene	ND		2.0	ug/L			12/08/24 08:49	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 08:49	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 08:49	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 08:49	1
Trichloroethene	ND		2.0	ug/L			12/08/24 08:49	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 08:49	1
Vinyl acetate	ND		100	ug/L			12/08/24 08:49	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 08:49	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 08:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		12/08/24 08:49	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-2

Date Collected: 12/04/24 14:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-31

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		77 - 121		12/08/24 08:49	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 08:49	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWA-3A

Lab Sample ID: 705-14560-32

Date Collected: 12/04/24 16:25

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 09:12	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 09:12	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 09:12	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 09:12	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 09:12	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 09:12	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 09:12	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 09:12	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 09:12	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 09:12	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 09:12	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 09:12	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 09:12	1
2-Butanone	ND		100	ug/L			12/08/24 09:12	1
2-Hexanone	ND		50	ug/L			12/08/24 09:12	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 09:12	1
Acetone	ND		100	ug/L			12/08/24 09:12	1
Acrylonitrile	ND		50	ug/L			12/08/24 09:12	1
Benzene	ND		2.0	ug/L			12/08/24 09:12	1
Bromochloromethane	ND		10	ug/L			12/08/24 09:12	1
Bromodichloromethane	ND		10	ug/L			12/08/24 09:12	1
Bromoform	ND		10	ug/L			12/08/24 09:12	1
Bromomethane	ND		10	ug/L			12/08/24 09:12	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 09:12	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 09:12	1
Chlorobenzene	ND		10	ug/L			12/08/24 09:12	1
Chloroethane	ND		2.0	ug/L			12/08/24 09:12	1
Chloroform	ND		2.0	ug/L			12/08/24 09:12	1
Chloromethane	ND		10	ug/L			12/08/24 09:12	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 09:12	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 09:12	1
Dibromochloromethane	ND		10	ug/L			12/08/24 09:12	1
Dibromomethane	ND		10	ug/L			12/08/24 09:12	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 09:12	1
Iodomethane	ND		100	ug/L			12/08/24 09:12	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 09:12	1
Styrene	ND		10	ug/L			12/08/24 09:12	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 09:12	1
Toluene	ND		2.0	ug/L			12/08/24 09:12	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 09:12	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 09:12	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 09:12	1
Trichloroethene	ND		2.0	ug/L			12/08/24 09:12	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 09:12	1
Vinyl acetate	ND		100	ug/L			12/08/24 09:12	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 09:12	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 09:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		12/08/24 09:12	1

Euofins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWA-3A

Lab Sample ID: 705-14560-32

Date Collected: 12/04/24 16:25

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		77 - 121		12/08/24 09:12	1
Toluene-d8 (Surr)	100		79 - 119		12/08/24 09:12	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:26	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:26	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:26	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:26	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:26	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:26	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:26	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:26	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:26	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:26	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:26	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:26	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:26	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:26	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:26	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: Field Blank-2

Lab Sample ID: 705-14560-33

Date Collected: 12/04/24 16:50

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 09:35	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 09:35	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 09:35	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 09:35	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 09:35	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 09:35	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 09:35	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 09:35	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 09:35	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 09:35	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 09:35	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 09:35	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 09:35	1
2-Butanone	ND		100	ug/L			12/08/24 09:35	1
2-Hexanone	ND		50	ug/L			12/08/24 09:35	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 09:35	1
Acetone	ND		100	ug/L			12/08/24 09:35	1
Acrylonitrile	ND		50	ug/L			12/08/24 09:35	1
Benzene	ND		2.0	ug/L			12/08/24 09:35	1
Bromochloromethane	ND		10	ug/L			12/08/24 09:35	1
Bromodichloromethane	ND		10	ug/L			12/08/24 09:35	1
Bromoform	ND		10	ug/L			12/08/24 09:35	1
Bromomethane	ND		10	ug/L			12/08/24 09:35	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 09:35	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 09:35	1
Chlorobenzene	ND		10	ug/L			12/08/24 09:35	1
Chloroethane	ND		2.0	ug/L			12/08/24 09:35	1
Chloroform	ND		2.0	ug/L			12/08/24 09:35	1
Chloromethane	ND		10	ug/L			12/08/24 09:35	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 09:35	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 09:35	1
Dibromochloromethane	ND		10	ug/L			12/08/24 09:35	1
Dibromomethane	ND		10	ug/L			12/08/24 09:35	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 09:35	1
Iodomethane	ND		100	ug/L			12/08/24 09:35	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 09:35	1
Styrene	ND		10	ug/L			12/08/24 09:35	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 09:35	1
Toluene	ND		2.0	ug/L			12/08/24 09:35	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 09:35	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 09:35	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 09:35	1
Trichloroethene	ND		2.0	ug/L			12/08/24 09:35	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 09:35	1
Vinyl acetate	ND		100	ug/L			12/08/24 09:35	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 09:35	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 09:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		12/08/24 09:35	1

Eurolins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: Field Blank-2

Lab Sample ID: 705-14560-33

Date Collected: 12/04/24 16:50

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		77 - 121		12/08/24 09:35	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 09:35	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:28	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:28	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:28	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:28	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:28	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:28	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:28	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:28	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:28	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:28	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:28	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:28	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:28	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:28	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:28	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-6

Lab Sample ID: 705-14560-34

Date Collected: 12/04/24 16:20

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 10:22	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 10:22	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 10:22	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 10:22	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 10:22	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 10:22	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 10:22	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 10:22	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 10:22	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 10:22	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 10:22	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 10:22	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 10:22	1
2-Butanone	ND		100	ug/L			12/08/24 10:22	1
2-Hexanone	ND		50	ug/L			12/08/24 10:22	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 10:22	1
Acetone	ND		100	ug/L			12/08/24 10:22	1
Acrylonitrile	ND		50	ug/L			12/08/24 10:22	1
Benzene	ND		2.0	ug/L			12/08/24 10:22	1
Bromochloromethane	ND		10	ug/L			12/08/24 10:22	1
Bromodichloromethane	ND		10	ug/L			12/08/24 10:22	1
Bromoform	ND		10	ug/L			12/08/24 10:22	1
Bromomethane	ND		10	ug/L			12/08/24 10:22	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 10:22	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 10:22	1
Chlorobenzene	ND		10	ug/L			12/08/24 10:22	1
Chloroethane	ND		2.0	ug/L			12/08/24 10:22	1
Chloroform	ND		2.0	ug/L			12/08/24 10:22	1
Chloromethane	ND		10	ug/L			12/08/24 10:22	1
cis-1,2-Dichloroethene	5.8		2.0	ug/L			12/08/24 10:22	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 10:22	1
Dibromochloromethane	ND		10	ug/L			12/08/24 10:22	1
Dibromomethane	ND		10	ug/L			12/08/24 10:22	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 10:22	1
Iodomethane	ND		100	ug/L			12/08/24 10:22	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 10:22	1
Styrene	ND		10	ug/L			12/08/24 10:22	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 10:22	1
Toluene	ND		2.0	ug/L			12/08/24 10:22	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 10:22	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 10:22	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 10:22	1
Trichloroethene	ND		2.0	ug/L			12/08/24 10:22	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 10:22	1
Vinyl acetate	ND		100	ug/L			12/08/24 10:22	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 10:22	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 10:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		12/08/24 10:22	1

Eurofins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-6

Date Collected: 12/04/24 16:20

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-34

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		77 - 121		12/08/24 10:22	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 10:22	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.8		1.0	mg/L			12/10/24 20:57	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L		12/10/24 09:50	12/10/24 16:11	1
Barium	0.025		0.020	mg/L		12/10/24 09:50	12/10/24 16:11	1
Cadmium	ND		0.0050	mg/L		12/10/24 09:50	12/10/24 16:11	1
Chromium	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:11	1
Lead	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:11	1
Nickel	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:11	1
Selenium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:11	1
Silver	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:11	1
Zinc	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050	mg/L		12/09/24 11:38	12/09/24 16:24	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand (EPA 410.4)	ND		10	mg/L			12/09/24 16:08	1
Cyanide, Total (SM 4500 CN E-2016)	ND		0.0050	mg/L		12/10/24 08:32	12/10/24 12:43	1
Total Organic Carbon - Duplicates (SM 5310B - 2014)	1.5		1.0	mg/L			12/09/24 15:41	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWA-2

Lab Sample ID: 705-14560-35

Date Collected: 12/05/24 10:32

Matrix: Water

Date Received: 12/05/24 13:37

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.9		1.0	mg/L			12/10/24 22:45	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L		12/10/24 09:50	12/10/24 16:29	1
Barium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:29	1
Cadmium	ND		0.0050	mg/L		12/10/24 09:50	12/10/24 16:29	1
Chromium	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:29	1
Lead	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:29	1
Nickel	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:29	1
Selenium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:29	1
Silver	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:29	1
Zinc	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050	mg/L		12/09/24 11:38	12/09/24 16:28	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand (EPA 410.4)	ND		10	mg/L			12/09/24 16:08	1
Cyanide, Total (SM 4500 CN E-2016)	ND	F1 F2	0.0050	mg/L		12/09/24 08:32	12/10/24 16:27	1
Total Organic Carbon - Duplicates (SM 5310B - 2014)	ND		1.0	mg/L			12/09/24 16:02	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-1

Lab Sample ID: 705-14560-36

Date Collected: 12/05/24 09:20

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 10:45	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 10:45	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 10:45	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 10:45	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 10:45	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 10:45	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 10:45	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 10:45	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 10:45	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 10:45	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 10:45	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 10:45	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 10:45	1
2-Butanone	ND		100	ug/L			12/08/24 10:45	1
2-Hexanone	ND		50	ug/L			12/08/24 10:45	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 10:45	1
Acetone	ND		100	ug/L			12/08/24 10:45	1
Acrylonitrile	ND		50	ug/L			12/08/24 10:45	1
Benzene	ND		2.0	ug/L			12/08/24 10:45	1
Bromochloromethane	ND		10	ug/L			12/08/24 10:45	1
Bromodichloromethane	ND		10	ug/L			12/08/24 10:45	1
Bromoform	ND		10	ug/L			12/08/24 10:45	1
Bromomethane	ND		10	ug/L			12/08/24 10:45	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 10:45	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 10:45	1
Chlorobenzene	ND		10	ug/L			12/08/24 10:45	1
Chloroethane	ND		2.0	ug/L			12/08/24 10:45	1
Chloroform	ND		2.0	ug/L			12/08/24 10:45	1
Chloromethane	ND		10	ug/L			12/08/24 10:45	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 10:45	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 10:45	1
Dibromochloromethane	ND		10	ug/L			12/08/24 10:45	1
Dibromomethane	ND		10	ug/L			12/08/24 10:45	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 10:45	1
Iodomethane	ND		100	ug/L			12/08/24 10:45	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 10:45	1
Styrene	ND		10	ug/L			12/08/24 10:45	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 10:45	1
Toluene	ND		2.0	ug/L			12/08/24 10:45	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 10:45	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 10:45	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 10:45	1
Trichloroethene	ND		2.0	ug/L			12/08/24 10:45	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 10:45	1
Vinyl acetate	ND		100	ug/L			12/08/24 10:45	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 10:45	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 10:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 126		12/08/24 10:45	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-1

Date Collected: 12/05/24 09:20

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-36

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		77 - 121		12/08/24 10:45	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 10:45	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.1		1.0	mg/L			12/10/24 22:56	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L		12/10/24 09:50	12/10/24 16:32	1
Barium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:32	1
Cadmium	ND		0.0050	mg/L		12/10/24 09:50	12/10/24 16:32	1
Chromium	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:32	1
Lead	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:32	1
Nickel	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:32	1
Selenium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:32	1
Silver	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:32	1
Zinc	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050	mg/L		12/09/24 11:38	12/09/24 16:32	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand (EPA 410.4)	ND		10	mg/L			12/09/24 16:08	1
Cyanide, Total (SM 4500 CN E-2016)	ND		0.0050	mg/L		12/09/24 08:32	12/10/24 16:38	1
Total Organic Carbon - Duplicates (SM 5310B - 2014)	1.2		1.0	mg/L			12/09/24 16:22	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-2

Lab Sample ID: 705-14560-37

Date Collected: 12/05/24 10:22

Matrix: Water

Date Received: 12/05/24 13:37

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.0		1.0	mg/L			12/10/24 23:08	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L		12/10/24 09:50	12/10/24 16:34	1
Barium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:34	1
Cadmium	ND		0.0050	mg/L		12/10/24 09:50	12/10/24 16:34	1
Chromium	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:34	1
Lead	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:34	1
Nickel	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:34	1
Selenium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:34	1
Silver	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:34	1
Zinc	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050	mg/L		12/09/24 11:38	12/09/24 16:36	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand (EPA 410.4)	ND		10	mg/L			12/09/24 16:09	1
Cyanide, Total (SM 4500 CN E-2016)	ND		0.0050	mg/L		12/09/24 08:32	12/10/24 16:50	1
Total Organic Carbon - Duplicates (SM 5310B - 2014)	1.2		1.0	mg/L			12/09/24 16:43	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-3

Lab Sample ID: 705-14560-38

Date Collected: 12/05/24 10:20

Matrix: Water

Date Received: 12/05/24 13:37

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5		1.0	mg/L			12/12/24 04:19	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L		12/10/24 09:50	12/10/24 16:37	1
Barium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:37	1
Cadmium	ND		0.0050	mg/L		12/10/24 09:50	12/10/24 16:37	1
Chromium	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:37	1
Lead	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:37	1
Nickel	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:37	1
Selenium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:37	1
Silver	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:37	1
Zinc	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050	mg/L		12/09/24 11:38	12/09/24 16:51	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand (EPA 410.4)	ND		10	mg/L			12/09/24 16:09	1
Cyanide, Total (SM 4500 CN E-2016)	ND		0.0050	mg/L		12/09/24 08:32	12/10/24 16:35	1
Total Organic Carbon - Duplicates (SM 5310B - 2014)	1.1		1.0	mg/L			12/09/24 19:29	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-4

Lab Sample ID: 705-14560-39

Date Collected: 12/05/24 11:10

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 12:21	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 12:21	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 12:21	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 12:21	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 12:21	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 12:21	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 12:21	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 12:21	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 12:21	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 12:21	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 12:21	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 12:21	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 12:21	1
2-Butanone	ND		100	ug/L			12/08/24 12:21	1
2-Hexanone	ND		50	ug/L			12/08/24 12:21	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 12:21	1
Acetone	ND		100	ug/L			12/08/24 12:21	1
Acrylonitrile	ND		50	ug/L			12/08/24 12:21	1
Benzene	ND		2.0	ug/L			12/08/24 12:21	1
Bromochloromethane	ND		10	ug/L			12/08/24 12:21	1
Bromodichloromethane	ND		10	ug/L			12/08/24 12:21	1
Bromoform	ND		10	ug/L			12/08/24 12:21	1
Bromomethane	ND		10	ug/L			12/08/24 12:21	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 12:21	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 12:21	1
Chlorobenzene	ND		10	ug/L			12/08/24 12:21	1
Chloroethane	ND		2.0	ug/L			12/08/24 12:21	1
Chloroform	ND		2.0	ug/L			12/08/24 12:21	1
Chloromethane	ND		10	ug/L			12/08/24 12:21	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 12:21	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 12:21	1
Dibromochloromethane	ND		10	ug/L			12/08/24 12:21	1
Dibromomethane	ND		10	ug/L			12/08/24 12:21	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 12:21	1
Iodomethane	ND		100	ug/L			12/08/24 12:21	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 12:21	1
Styrene	ND		10	ug/L			12/08/24 12:21	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 12:21	1
Toluene	ND		2.0	ug/L			12/08/24 12:21	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 12:21	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 12:21	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 12:21	1
Trichloroethene	ND		2.0	ug/L			12/08/24 12:21	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 12:21	1
Vinyl acetate	ND		100	ug/L			12/08/24 12:21	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 12:21	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 12:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		12/08/24 12:21	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-4

Date Collected: 12/05/24 11:10

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-39

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	100		77 - 121		12/08/24 12:21	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 12:21	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5		1.0	mg/L			12/10/24 23:21	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L		12/10/24 09:50	12/10/24 16:40	1
Barium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:40	1
Cadmium	ND		0.0050	mg/L		12/10/24 09:50	12/10/24 16:40	1
Chromium	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:40	1
Lead	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:40	1
Nickel	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:40	1
Selenium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:40	1
Silver	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:40	1
Zinc	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050	mg/L		12/09/24 11:38	12/09/24 16:55	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand (EPA 410.4)	ND		10	mg/L			12/09/24 16:09	1
Cyanide, Total (SM 4500 CN E-2016)	ND		0.0050	mg/L		12/09/24 08:32	12/10/24 16:41	1
Total Organic Carbon - Duplicates (SM 5310B - 2014)	1.1		1.0	mg/L			12/09/24 19:49	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-4A

Lab Sample ID: 705-14560-40

Date Collected: 12/05/24 11:06

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 11:33	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 11:33	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 11:33	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 11:33	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 11:33	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 11:33	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 11:33	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 11:33	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 11:33	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 11:33	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 11:33	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 11:33	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 11:33	1
2-Butanone	ND		100	ug/L			12/08/24 11:33	1
2-Hexanone	ND		50	ug/L			12/08/24 11:33	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 11:33	1
Acetone	ND		100	ug/L			12/08/24 11:33	1
Acrylonitrile	ND		50	ug/L			12/08/24 11:33	1
Benzene	ND		2.0	ug/L			12/08/24 11:33	1
Bromochloromethane	ND		10	ug/L			12/08/24 11:33	1
Bromodichloromethane	ND		10	ug/L			12/08/24 11:33	1
Bromoform	ND		10	ug/L			12/08/24 11:33	1
Bromomethane	ND		10	ug/L			12/08/24 11:33	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 11:33	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 11:33	1
Chlorobenzene	ND		10	ug/L			12/08/24 11:33	1
Chloroethane	ND		2.0	ug/L			12/08/24 11:33	1
Chloroform	ND		2.0	ug/L			12/08/24 11:33	1
Chloromethane	ND		10	ug/L			12/08/24 11:33	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 11:33	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 11:33	1
Dibromochloromethane	ND		10	ug/L			12/08/24 11:33	1
Dibromomethane	ND		10	ug/L			12/08/24 11:33	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 11:33	1
Iodomethane	ND		100	ug/L			12/08/24 11:33	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 11:33	1
Styrene	ND		10	ug/L			12/08/24 11:33	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 11:33	1
Toluene	ND		2.0	ug/L			12/08/24 11:33	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 11:33	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 11:33	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 11:33	1
Trichloroethene	ND		2.0	ug/L			12/08/24 11:33	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 11:33	1
Vinyl acetate	ND		100	ug/L			12/08/24 11:33	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 11:33	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 11:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 126		12/08/24 11:33	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-4A

Lab Sample ID: 705-14560-40

Date Collected: 12/05/24 11:06

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99		77 - 121		12/08/24 11:33	1
Toluene-d8 (Surr)	102		79 - 119		12/08/24 11:33	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-4B

Lab Sample ID: 705-14560-41

Date Collected: 12/05/24 11:30

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 11:57	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 11:57	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 11:57	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 11:57	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 11:57	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 11:57	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 11:57	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 11:57	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 11:57	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 11:57	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 11:57	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 11:57	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 11:57	1
2-Butanone	ND		100	ug/L			12/08/24 11:57	1
2-Hexanone	ND		50	ug/L			12/08/24 11:57	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 11:57	1
Acetone	ND		100	ug/L			12/08/24 11:57	1
Acrylonitrile	ND		50	ug/L			12/08/24 11:57	1
Benzene	ND		2.0	ug/L			12/08/24 11:57	1
Bromochloromethane	ND		10	ug/L			12/08/24 11:57	1
Bromodichloromethane	ND		10	ug/L			12/08/24 11:57	1
Bromoform	ND		10	ug/L			12/08/24 11:57	1
Bromomethane	ND		10	ug/L			12/08/24 11:57	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 11:57	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 11:57	1
Chlorobenzene	ND		10	ug/L			12/08/24 11:57	1
Chloroethane	ND		2.0	ug/L			12/08/24 11:57	1
Chloroform	ND		2.0	ug/L			12/08/24 11:57	1
Chloromethane	ND		10	ug/L			12/08/24 11:57	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 11:57	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 11:57	1
Dibromochloromethane	ND		10	ug/L			12/08/24 11:57	1
Dibromomethane	ND		10	ug/L			12/08/24 11:57	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 11:57	1
Iodomethane	ND		100	ug/L			12/08/24 11:57	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 11:57	1
Styrene	ND		10	ug/L			12/08/24 11:57	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 11:57	1
Toluene	ND		2.0	ug/L			12/08/24 11:57	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 11:57	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 11:57	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 11:57	1
Trichloroethene	ND		2.0	ug/L			12/08/24 11:57	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 11:57	1
Vinyl acetate	ND		100	ug/L			12/08/24 11:57	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 11:57	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 11:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 126		12/08/24 11:57	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-4B

Date Collected: 12/05/24 11:30

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-41

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	101		77 - 121		12/08/24 11:57	1
Toluene-d8 (Surr)	102		79 - 119		12/08/24 11:57	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-5

Lab Sample ID: 705-14560-42

Date Collected: 12/05/24 09:50

Matrix: Water

Date Received: 12/05/24 13:37

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21		1.0	mg/L			12/12/24 04:31	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L		12/10/24 09:50	12/10/24 16:50	1
Barium	0.044		0.020	mg/L		12/10/24 09:50	12/10/24 16:50	1
Cadmium	ND		0.0050	mg/L		12/10/24 09:50	12/10/24 16:50	1
Chromium	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:50	1
Lead	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:50	1
Nickel	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:50	1
Selenium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:50	1
Silver	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:50	1
Zinc	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050	mg/L		12/09/24 11:38	12/09/24 16:59	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand (EPA 410.4)	12		10	mg/L			12/09/24 16:09	1
Cyanide, Total (SM 4500 CN E-2016)	ND		0.0050	mg/L		12/09/24 08:32	12/10/24 16:44	1
Total Organic Carbon - Duplicates (SM 5310B - 2014)	3.8		1.0	mg/L			12/09/24 20:10	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-9

Lab Sample ID: 705-14560-43

Date Collected: 12/05/24 10:40

Matrix: Water

Date Received: 12/05/24 13:37

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5		1.0	mg/L			12/10/24 23:33	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L		12/10/24 09:50	12/10/24 16:53	1
Barium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:53	1
Cadmium	ND		0.0050	mg/L		12/10/24 09:50	12/10/24 16:53	1
Chromium	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:53	1
Lead	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:53	1
Nickel	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:53	1
Selenium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:53	1
Silver	ND		0.010	mg/L		12/10/24 09:50	12/10/24 16:53	1
Zinc	ND		0.020	mg/L		12/10/24 09:50	12/10/24 16:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050	mg/L		12/09/24 11:38	12/09/24 17:03	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand (EPA 410.4)	ND		10	mg/L			12/09/24 16:04	1
Cyanide, Total (SM 4500 CN E-2016)	ND		0.0050	mg/L		12/09/24 08:32	12/10/24 17:05	1
Total Organic Carbon - Duplicates (SM 5310B - 2014)	ND		1.0	mg/L			12/09/24 20:30	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWC-1

Lab Sample ID: 705-14560-44

Date Collected: 12/05/24 08:45

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:45	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:45	1
Barium	0.031		0.020	mg/L		12/10/24 07:52	12/10/24 19:45	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:45	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:45	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:45	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:45	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:45	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:45	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:45	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:45	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:45	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:45	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:45	1
Zinc	0.081		0.020	mg/L		12/10/24 07:52	12/10/24 19:45	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-1

Lab Sample ID: 705-14560-45

Date Collected: 12/05/24 09:00

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:47	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:47	1
Barium	0.024		0.020	mg/L		12/10/24 07:52	12/10/24 19:47	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:47	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:47	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:47	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:47	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:47	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:47	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:47	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:47	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:47	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:47	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:47	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:47	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-1A

Lab Sample ID: 705-14560-46

Date Collected: 12/05/24 09:05

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:49	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:49	1
Barium	0.031		0.020	mg/L		12/10/24 07:52	12/10/24 19:49	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:49	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:49	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:49	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:49	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:49	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:49	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:49	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:49	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:49	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:49	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:49	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:49	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-2

Lab Sample ID: 705-14560-47

Date Collected: 12/05/24 09:15

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:52	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:52	1
Barium	0.024		0.020	mg/L		12/10/24 07:52	12/10/24 19:52	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:52	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:52	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:52	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:52	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:52	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:52	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:52	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:52	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:52	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:52	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:52	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:52	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-3

Lab Sample ID: 705-14560-48

Date Collected: 12/05/24 09:45

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:54	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:54	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:54	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:54	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:54	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:54	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:54	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:54	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:54	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:54	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:54	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:54	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:54	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:54	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:54	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-2

Lab Sample ID: 705-14560-49

Date Collected: 12/05/24 09:30

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 19:56	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:56	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:56	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 19:56	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 19:56	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:56	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 19:56	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:56	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 19:56	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:56	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:56	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 19:56	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 19:56	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 19:56	1
Zinc	0.022		0.020	mg/L		12/10/24 07:52	12/10/24 19:56	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-5

Lab Sample ID: 705-14560-50

Date Collected: 12/05/24 09:55

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 20:06	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:06	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:06	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 20:06	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 20:06	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:06	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 20:06	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:06	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 20:06	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:06	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:06	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:06	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 20:06	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:06	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:06	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-6

Date Collected: 12/05/24 08:50

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-51

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 20:32	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:32	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:32	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 20:32	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 20:32	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:32	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 20:32	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:32	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 20:32	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:32	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:32	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:32	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 20:32	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:32	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:32	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-7

Lab Sample ID: 705-14560-52

Date Collected: 12/05/24 09:00

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 20:34	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:34	1
Barium	0.030		0.020	mg/L		12/10/24 07:52	12/10/24 20:34	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 20:34	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 20:34	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:34	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 20:34	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:34	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 20:34	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:34	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:34	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:34	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 20:34	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:34	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:34	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-8

Lab Sample ID: 705-14560-53

Date Collected: 12/05/24 09:10

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 20:36	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:36	1
Barium	0.026		0.020	mg/L		12/10/24 07:52	12/10/24 20:36	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 20:36	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 20:36	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:36	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 20:36	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:36	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 20:36	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:36	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:36	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:36	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 20:36	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:36	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:36	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-9

Lab Sample ID: 705-14560-54

Date Collected: 12/05/24 09:25

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 20:39	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:39	1
Barium	0.054		0.020	mg/L		12/10/24 07:52	12/10/24 20:39	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 20:39	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 20:39	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:39	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 20:39	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:39	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 20:39	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:39	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:39	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:39	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 20:39	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:39	1
Zinc	0.033		0.020	mg/L		12/10/24 07:52	12/10/24 20:39	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-10A

Lab Sample ID: 705-14560-55

Date Collected: 12/05/24 09:35

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 20:41	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:41	1
Barium	0.030		0.020	mg/L		12/10/24 07:52	12/10/24 20:41	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 20:41	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 20:41	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:41	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 20:41	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:41	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 20:41	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:41	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:41	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:41	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 20:41	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:41	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:41	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-11

Lab Sample ID: 705-14560-56

Date Collected: 12/05/24 10:00

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 20:43	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:43	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:43	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 20:43	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 20:43	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:43	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 20:43	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:43	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 20:43	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:43	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:43	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:43	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 20:43	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:43	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:43	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-12

Lab Sample ID: 705-14560-57

Date Collected: 12/05/24 08:56

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 20:46	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:46	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:46	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 20:46	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 20:46	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:46	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 20:46	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:46	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 20:46	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:46	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:46	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:46	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 20:46	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:46	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:46	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-12A

Lab Sample ID: 705-14560-58

Date Collected: 12/05/24 08:52

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 21:02	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 21:02	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:02	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 21:02	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 21:02	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 21:02	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 21:02	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:02	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 21:02	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:02	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 21:02	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 21:02	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 21:02	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:02	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:02	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-13

Lab Sample ID: 705-14560-59

Date Collected: 12/05/24 08:43

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 21:04	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 21:04	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:04	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 21:04	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 21:04	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 21:04	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 21:04	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:04	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 21:04	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:04	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 21:04	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 21:04	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 21:04	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:04	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:04	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-1

Lab Sample ID: 705-14560-60

Date Collected: 12/05/24 10:15

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 21:07	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 21:07	1
Barium	0.091		0.020	mg/L		12/10/24 07:52	12/10/24 21:07	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 21:07	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 21:07	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 21:07	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 21:07	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:07	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 21:07	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:07	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 21:07	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 21:07	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 21:07	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:07	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 21:07	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: Trip Blank-2

Lab Sample ID: 705-14560-61

Date Collected: 12/05/24 00:00

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 11:09	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 11:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 11:09	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 11:09	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 11:09	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 11:09	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 11:09	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 11:09	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 11:09	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 11:09	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 11:09	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 11:09	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 11:09	1
2-Butanone	ND		100	ug/L			12/08/24 11:09	1
2-Hexanone	ND		50	ug/L			12/08/24 11:09	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 11:09	1
Acetone	ND		100	ug/L			12/08/24 11:09	1
Acrylonitrile	ND		50	ug/L			12/08/24 11:09	1
Benzene	ND		2.0	ug/L			12/08/24 11:09	1
Bromochloromethane	ND		10	ug/L			12/08/24 11:09	1
Bromodichloromethane	ND		10	ug/L			12/08/24 11:09	1
Bromoform	ND		10	ug/L			12/08/24 11:09	1
Bromomethane	ND		10	ug/L			12/08/24 11:09	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 11:09	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 11:09	1
Chlorobenzene	ND		10	ug/L			12/08/24 11:09	1
Chloroethane	ND		2.0	ug/L			12/08/24 11:09	1
Chloroform	ND		2.0	ug/L			12/08/24 11:09	1
Chloromethane	ND		10	ug/L			12/08/24 11:09	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 11:09	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 11:09	1
Dibromochloromethane	ND		10	ug/L			12/08/24 11:09	1
Dibromomethane	ND		10	ug/L			12/08/24 11:09	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 11:09	1
Iodomethane	ND		100	ug/L			12/08/24 11:09	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 11:09	1
Styrene	ND		10	ug/L			12/08/24 11:09	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 11:09	1
Toluene	ND		2.0	ug/L			12/08/24 11:09	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 11:09	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 11:09	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 11:09	1
Trichloroethene	ND		2.0	ug/L			12/08/24 11:09	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 11:09	1
Vinyl acetate	ND		100	ug/L			12/08/24 11:09	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 11:09	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 11:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 126		12/08/24 11:09	1

Eurofins Atlanta

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: Trip Blank-2

Date Collected: 12/05/24 00:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-61

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Dibromofluoromethane (Surr)</i>	102		77 - 121		12/08/24 11:09	1
<i>Toluene-d8 (Surr)</i>	100		79 - 119		12/08/24 11:09	1

Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: AMW-12

Lab Sample ID: 705-14560-62

Date Collected: 12/04/24 12:12

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/10/24 20:31	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/10/24 20:31	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/10/24 20:31	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/10/24 20:31	1
1,1-Dichloroethane	ND		2.0	ug/L			12/10/24 20:31	1
1,1-Dichloroethene	ND		2.0	ug/L			12/10/24 20:31	1
1,2,3-Trichloropropane	ND		10	ug/L			12/10/24 20:31	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/10/24 20:31	1
1,2-Dibromoethane	ND		1.0	ug/L			12/10/24 20:31	1
1,2-Dichlorobenzene	ND		10	ug/L			12/10/24 20:31	1
1,2-Dichloroethane	ND		2.0	ug/L			12/10/24 20:31	1
1,2-Dichloropropane	ND		2.0	ug/L			12/10/24 20:31	1
1,4-Dichlorobenzene	ND		10	ug/L			12/10/24 20:31	1
2-Butanone	ND		100	ug/L			12/10/24 20:31	1
2-Hexanone	ND		50	ug/L			12/10/24 20:31	1
4-Methyl-2-pentanone	ND		50	ug/L			12/10/24 20:31	1
Acetone	ND		100	ug/L			12/10/24 20:31	1
Acrylonitrile	ND		50	ug/L			12/10/24 20:31	1
Benzene	ND		2.0	ug/L			12/10/24 20:31	1
Bromochloromethane	ND		10	ug/L			12/10/24 20:31	1
Bromodichloromethane	ND		10	ug/L			12/10/24 20:31	1
Bromoform	ND		10	ug/L			12/10/24 20:31	1
Bromomethane	ND		10	ug/L			12/10/24 20:31	1
Carbon disulfide	ND		5.0	ug/L			12/10/24 20:31	1
Carbon tetrachloride	ND		2.0	ug/L			12/10/24 20:31	1
Chlorobenzene	ND		10	ug/L			12/10/24 20:31	1
Chloroethane	ND		2.0	ug/L			12/10/24 20:31	1
Chloroform	ND		2.0	ug/L			12/10/24 20:31	1
Chloromethane	ND		10	ug/L			12/10/24 20:31	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/10/24 20:31	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/10/24 20:31	1
Dibromochloromethane	ND		10	ug/L			12/10/24 20:31	1
Dibromomethane	ND		10	ug/L			12/10/24 20:31	1
Ethylbenzene	ND		2.0	ug/L			12/10/24 20:31	1
Iodomethane	ND		100	ug/L			12/10/24 20:31	1
Methylene Chloride	ND		5.0	ug/L			12/10/24 20:31	1
Styrene	ND		10	ug/L			12/10/24 20:31	1
Tetrachloroethene	ND		2.0	ug/L			12/10/24 20:31	1
Toluene	ND		2.0	ug/L			12/10/24 20:31	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/10/24 20:31	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/10/24 20:31	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/10/24 20:31	1
Trichloroethene	ND		2.0	ug/L			12/10/24 20:31	1
Trichlorofluoromethane	ND		10	ug/L			12/10/24 20:31	1
Vinyl acetate	ND		100	ug/L			12/10/24 20:31	1
Vinyl chloride	ND		2.0	ug/L			12/10/24 20:31	1
Xylenes, Total	ND		5.0	ug/L			12/10/24 20:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 126		12/10/24 20:31	1

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Client Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: AMW-12

Lab Sample ID: 705-14560-62

Date Collected: 12/04/24 12:12

Matrix: Water

Date Received: 12/05/24 13:37

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	109		77 - 121		12/10/24 20:31	1
Toluene-d8 (Surr)	93		79 - 119		12/10/24 20:31	1

Surrogate Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-126)	DBFM (77-121)	TOL (79-119)
705-14560-1	AMW-12R	100	101	102
705-14560-1 MS	AMW-12R	99	102	102
705-14560-1 MSD	AMW-12R	100	102	100
705-14560-7	GWA-3	100	100	100
705-14560-8	GWC-2	98	102	101
705-14560-9	GWC-5	100	100	101
705-14560-10	GWC-6	99	100	101
705-14560-11	GWC-7	99	102	101
705-14560-12	GWC-8	100	99	101
705-14560-14	GWC-9	100	100	100
705-14560-15	GWC-10	99	98	101
705-14560-16	GWC-10A	98	101	100
705-14560-17	GWC-11	99	100	99
705-14560-18	GWC-12	98	103	100
705-14560-18 MS	GWC-12	103	107	103
705-14560-18 MSD	GWC-12	104	106	105
705-14560-19	GWC-12A	95	106	98
705-14560-20	GWC-13	99	100	101
705-14560-20 DU	GWC-13	97	98	101
705-14560-24	PH1-GWC-1	98	101	100
705-14560-28	GWC-1	100	102	102
705-14560-28 MS	GWC-1	99	102	101
705-14560-29	GWA-1	100	101	101
705-14560-30	GWA-1A	97	99	101
705-14560-31	GWA-2	99	101	101
705-14560-32	PH1-GWA-3A	99	100	100
705-14560-33	Field Blank-2	99	101	101
705-14560-34	SWC-6	99	100	101
705-14560-36	SWC-1	98	101	101
705-14560-39	SWC-4	99	100	101
705-14560-40	SWC-4A	98	99	102
705-14560-41	SWC-4B	100	101	102
705-14560-61	Trip Blank-2	98	102	100
705-14560-62	AMW-12	95	109	93
705-14571-A-4 MS	Matrix Spike	98	106	98
705-14571-A-4 MSD	Matrix Spike Duplicate	101	101	100
LCS 705-25656/1002	Lab Control Sample	99	101	100
LCS 705-25656/1003	Lab Control Sample	102	101	102
LCS 705-26023/1003	Lab Control Sample	105	102	104
LCS 705-26269/1002	Lab Control Sample	99	106	102
MB 705-25656/6	Method Blank	101	101	100
MB 705-25671/39	Method Blank	98	100	101
MB 705-26023/8	Method Blank	93	105	97
MB 705-26269/8	Method Blank	99	100	99
MRL 705-25656/18	Lab Control Sample	99	99	99
MRL 705-25671/36	Lab Control Sample	100	102	101
MRL 705-25671/37	Lab Control Sample	99	103	101
MRL 705-26023/5	Lab Control Sample	95	106	96
MRL 705-26269/4	Lab Control Sample	100	108	98

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Surrogate Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)
Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	BFB (70-126)	DBFM (77-121)	TOL (79-119)				
MRL 705-26269/5	Lab Control Sample	99	104	99				
Surrogate Legend								
BFB = 4-Bromofluorobenzene								
DBFM = Dibromofluoromethane (Surr)								
TOL = Toluene-d8 (Surr)								

QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 705-25656/6

Matrix: Water

Analysis Batch: 25656

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/07/24 17:33	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/07/24 17:33	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/07/24 17:33	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/07/24 17:33	1
1,1-Dichloroethane	ND		2.0	ug/L			12/07/24 17:33	1
1,1-Dichloroethene	ND		2.0	ug/L			12/07/24 17:33	1
1,2,3-Trichloropropane	ND		10	ug/L			12/07/24 17:33	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/07/24 17:33	1
1,2-Dibromoethane	ND		1.0	ug/L			12/07/24 17:33	1
1,2-Dichlorobenzene	ND		10	ug/L			12/07/24 17:33	1
1,2-Dichloroethane	ND		2.0	ug/L			12/07/24 17:33	1
1,2-Dichloropropane	ND		2.0	ug/L			12/07/24 17:33	1
1,4-Dichlorobenzene	ND		10	ug/L			12/07/24 17:33	1
2-Butanone	ND		100	ug/L			12/07/24 17:33	1
2-Hexanone	ND		50	ug/L			12/07/24 17:33	1
4-Methyl-2-pentanone	ND		50	ug/L			12/07/24 17:33	1
Acetone	ND		100	ug/L			12/07/24 17:33	1
Acrylonitrile	ND		50	ug/L			12/07/24 17:33	1
Benzene	ND		2.0	ug/L			12/07/24 17:33	1
Bromochloromethane	ND		10	ug/L			12/07/24 17:33	1
Bromodichloromethane	ND		10	ug/L			12/07/24 17:33	1
Bromoform	ND		10	ug/L			12/07/24 17:33	1
Bromomethane	ND		10	ug/L			12/07/24 17:33	1
Carbon disulfide	ND		5.0	ug/L			12/07/24 17:33	1
Carbon tetrachloride	ND		2.0	ug/L			12/07/24 17:33	1
Chlorobenzene	ND		10	ug/L			12/07/24 17:33	1
Chloroethane	ND		2.0	ug/L			12/07/24 17:33	1
Chloroform	ND		2.0	ug/L			12/07/24 17:33	1
Chloromethane	ND		10	ug/L			12/07/24 17:33	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/07/24 17:33	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/07/24 17:33	1
Dibromochloromethane	ND		10	ug/L			12/07/24 17:33	1
Dibromomethane	ND		10	ug/L			12/07/24 17:33	1
Ethylbenzene	ND		2.0	ug/L			12/07/24 17:33	1
Iodomethane	ND		100	ug/L			12/07/24 17:33	1
Methylene Chloride	ND		5.0	ug/L			12/07/24 17:33	1
Styrene	ND		10	ug/L			12/07/24 17:33	1
Tetrachloroethene	ND		2.0	ug/L			12/07/24 17:33	1
Toluene	ND		2.0	ug/L			12/07/24 17:33	1
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/07/24 17:33	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/07/24 17:33	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/07/24 17:33	1
Trichloroethene	ND		2.0	ug/L			12/07/24 17:33	1
Trichlorofluoromethane	ND		10	ug/L			12/07/24 17:33	1
Vinyl acetate	ND		100	ug/L			12/07/24 17:33	1
Vinyl chloride	ND		2.0	ug/L			12/07/24 17:33	1
Xylenes, Total	ND		5.0	ug/L			12/07/24 17:33	1

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: MB 705-25656/6

Matrix: Water

Analysis Batch: 25656

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 126		12/07/24 17:33	1
Dibromofluoromethane (Surr)	101		77 - 121		12/07/24 17:33	1
Toluene-d8 (Surr)	100		79 - 119		12/07/24 17:33	1

Lab Sample ID: LCS 705-25656/1002

Matrix: Water

Analysis Batch: 25656

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	19.9		ug/L		99	76 - 130
1,1,1-Trichloroethane	20.0	20.5		ug/L		103	71 - 124
1,1,2,2-Tetrachloroethane	20.0	18.6		ug/L		93	73 - 127
1,1,2-Trichloroethane	20.0	20.3		ug/L		101	69 - 127
1,1-Dichloroethane	20.0	20.4		ug/L		102	65 - 126
1,1-Dichloroethene	20.0	20.3		ug/L		101	69 - 130
1,2,3-Trichloropropane	20.0	18.5		ug/L		93	70 - 127
1,2-Dibromo-3-Chloropropane	20.0	18.9		ug/L		95	64 - 125
1,2-Dibromoethane	20.0	19.2		ug/L		96	68 - 133
1,2-Dichlorobenzene	20.0	19.3		ug/L		97	69 - 127
1,2-Dichloroethane	20.0	20.2		ug/L		101	72 - 127
1,2-Dichloropropane	20.0	19.2		ug/L		96	71 - 121
1,4-Dichlorobenzene	20.0	18.7		ug/L		93	68 - 126
2-Butanone	40.0	36.6	J	ug/L		91	74 - 131
2-Hexanone	40.0	34.7	J	ug/L		87	70 - 130
4-Methyl-2-pentanone	40.0	36.6	J	ug/L		91	76 - 122
Acetone	40.0	34.3	J	ug/L		86	62 - 136
Acrylonitrile	20.0	21.4	J	ug/L		107	62 - 141
Benzene	20.0	20.0		ug/L		100	76 - 122
Bromochloromethane	20.0	22.0		ug/L		110	76 - 120
Bromodichloromethane	20.0	21.1		ug/L		105	70 - 124
Bromoform	20.0	19.1		ug/L		95	65 - 129
Bromomethane	20.0	18.5		ug/L		92	60 - 138
Carbon disulfide	40.0	39.0		ug/L		97	71 - 122
Carbon tetrachloride	20.0	21.2		ug/L		106	72 - 133
Chlorobenzene	20.0	19.7		ug/L		99	75 - 121
Chloroethane	20.0	19.6		ug/L		98	55 - 138
Chloroform	20.0	20.3		ug/L		102	72 - 121
Chloromethane	20.0	16.7		ug/L		83	57 - 129
cis-1,2-Dichloroethene	20.0	20.4		ug/L		102	76 - 121
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	70 - 129
Dibromochloromethane	20.0	21.4		ug/L		107	70 - 131
Dibromomethane	20.0	20.2		ug/L		101	70 - 131
Ethylbenzene	20.0	19.2		ug/L		96	75 - 127
Iodomethane	40.0	41.1	J	ug/L		103	50 - 150
Methylene Chloride	20.0	19.5		ug/L		98	68 - 131
Styrene	20.0	19.5		ug/L		97	71 - 129
Tetrachloroethene	20.0	19.2		ug/L		96	74 - 129
Toluene	20.0	20.1		ug/L		101	74 - 124

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: LCS 705-25656/1002

Matrix: Water

Analysis Batch: 25656

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	20.0	20.3		ug/L		101	74 - 124
trans-1,3-Dichloropropene	20.0	20.2		ug/L		101	59 - 135
trans-1,4-Dichloro-2-butene	40.0	33.9	J	ug/L		85	50 - 150
Trichloroethene	20.0	20.4		ug/L		102	72 - 129
Trichlorofluoromethane	20.0	20.4		ug/L		102	63 - 142
Vinyl acetate	40.0	36.9	J	ug/L		92	50 - 150
Vinyl chloride	20.0	16.7		ug/L		84	65 - 132
Xylenes, Total	60.0	58.1		ug/L		97	75 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		70 - 126
Dibromofluoromethane (Surr)	101		77 - 121
Toluene-d8 (Surr)	100		79 - 119

Lab Sample ID: LCS 705-25656/1003

Matrix: Water

Analysis Batch: 25656

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	102		70 - 126
Dibromofluoromethane (Surr)	101		77 - 121
Toluene-d8 (Surr)	102		79 - 119

Lab Sample ID: MRL 705-25656/18

Matrix: Water

Analysis Batch: 25656

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	5.00	6.02		ug/L		120	50 - 150
Chloroethane	5.00	5.79	J	ug/L		116	50 - 150
Chloromethane	5.00	4.95	J	ug/L		99	50 - 150
Trichlorofluoromethane	5.00	6.99		ug/L		140	50 - 150
Vinyl chloride	5.00	5.11		ug/L		102	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene	99		70 - 126
Dibromofluoromethane (Surr)	99		77 - 121
Toluene-d8 (Surr)	99		79 - 119

Lab Sample ID: 705-14560-1 MS

Matrix: Water

Analysis Batch: 25656

Client Sample ID: AMW-12R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		20.0	18.4		ug/L		92	69 - 133
1,1,1-Trichloroethane	ND		20.0	21.3		ug/L		107	69 - 135
1,1,2,2-Tetrachloroethane	ND		20.0	16.9		ug/L		84	68 - 132
1,1,2-Trichloroethane	ND		20.0	19.9		ug/L		99	71 - 133

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: 705-14560-1 MS

Matrix: Water

Analysis Batch: 25656

Client Sample ID: AMW-12R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	2.5		20.0	23.5		ug/L		105	70 - 133
1,1-Dichloroethene	ND		20.0	20.6		ug/L		103	69 - 139
1,2,3-Trichloropropane	ND		20.0	17.8		ug/L		89	66 - 132
1,2-Dibromo-3-Chloropropane	ND		20.0	16.4		ug/L		82	62 - 127
1,2-Dibromoethane	ND		20.0	18.2		ug/L		91	76 - 129
1,2-Dichlorobenzene	ND		20.0	18.0		ug/L		90	76 - 125
1,2-Dichloroethane	ND		20.0	19.4		ug/L		97	70 - 133
1,2-Dichloropropane	ND		20.0	19.2		ug/L		96	69 - 132
1,4-Dichlorobenzene	ND		20.0	18.1		ug/L		90	76 - 124
2-Butanone	ND		40.0	ND		ug/L		90	50 - 150
2-Hexanone	ND		40.0	ND		ug/L		82	50 - 150
4-Methyl-2-pentanone	ND		40.0	ND		ug/L		86	50 - 150
Acetone	ND		40.0	ND		ug/L		90	50 - 150
Acrylonitrile	ND		20.0	ND		ug/L		102	50 - 150
Benzene	ND		20.0	19.8		ug/L		99	71 - 133
Bromochloromethane	ND		20.0	21.5		ug/L		108	70 - 133
Bromodichloromethane	ND		20.0	20.1		ug/L		100	68 - 133
Bromoform	ND		20.0	16.1		ug/L		80	58 - 130
Bromomethane	ND		20.0	17.9		ug/L		90	50 - 150
Carbon disulfide	ND		40.0	39.8		ug/L		99	50 - 150
Carbon tetrachloride	ND		20.0	21.6		ug/L		108	70 - 139
Chlorobenzene	ND		20.0	19.2		ug/L		96	78 - 128
Chloroethane	ND		20.0	19.5		ug/L		97	50 - 150
Chloroform	ND		20.0	19.9		ug/L		99	68 - 132
Chloromethane	ND		20.0	16.4		ug/L		82	50 - 150
cis-1,2-Dichloroethene	3.3		20.0	23.6		ug/L		102	72 - 133
cis-1,3-Dichloropropene	ND		20.0	18.8		ug/L		94	70 - 128
Dibromochloromethane	ND		20.0	19.1		ug/L		95	68 - 130
Dibromomethane	ND		20.0	20.0		ug/L		100	72 - 130
Ethylbenzene	ND		20.0	19.3		ug/L		97	75 - 131
Iodomethane	ND		40.0	ND		ug/L		102	50 - 150
Methylene Chloride	ND		20.0	19.4		ug/L		97	66 - 132
Styrene	ND		20.0	19.0		ug/L		95	73 - 133
Tetrachloroethene	9.2		20.0	28.8		ug/L		98	74 - 135
Toluene	ND		20.0	20.3		ug/L		101	72 - 134
trans-1,2-Dichloroethene	ND		20.0	20.7		ug/L		104	71 - 132
trans-1,3-Dichloropropene	ND		20.0	17.9		ug/L		90	60 - 125
trans-1,4-Dichloro-2-butene	ND		40.0	ND		ug/L		87	50 - 150
Trichloroethene	2.1		20.0	23.2		ug/L		106	77 - 136
Trichlorofluoromethane	ND		20.0	21.1		ug/L		105	69 - 133
Vinyl acetate	ND	F1	40.0	ND	F1	ug/L		171	50 - 150
Vinyl chloride	ND		20.0	17.9		ug/L		90	66 - 138
Xylenes, Total	ND		60.0	57.1		ug/L		95	74 - 131

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	99		70 - 126
Dibromofluoromethane (Surr)	102		77 - 121
Toluene-d8 (Surr)	102		79 - 119

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: 705-14560-1 MSD

Matrix: Water

Analysis Batch: 25656

Client Sample ID: AMW-12R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		20.0	18.6		ug/L		93	69 - 133	1	18
1,1,1-Trichloroethane	ND		20.0	20.6		ug/L		103	69 - 135	3	20
1,1,2,2-Tetrachloroethane	ND		20.0	16.6		ug/L		83	68 - 132	2	19
1,1,2-Trichloroethane	ND		20.0	18.9		ug/L		94	71 - 133	5	20
1,1-Dichloroethane	2.5		20.0	22.6		ug/L		100	70 - 133	4	22
1,1-Dichloroethene	ND		20.0	20.5		ug/L		103	69 - 139	1	56
1,2,3-Trichloropropane	ND		20.0	17.7		ug/L		88	66 - 132	1	39
1,2-Dibromo-3-Chloropropane	ND		20.0	17.1		ug/L		86	62 - 127	4	20
1,2-Dibromoethane	ND		20.0	17.7		ug/L		88	76 - 129	3	20
1,2-Dichlorobenzene	ND		20.0	17.5		ug/L		87	76 - 125	3	20
1,2-Dichloroethane	ND		20.0	18.8		ug/L		94	70 - 133	3	41
1,2-Dichloropropane	ND		20.0	19.2		ug/L		96	69 - 132	0	20
1,4-Dichlorobenzene	ND		20.0	17.4		ug/L		87	76 - 124	4	20
2-Butanone	ND		40.0	ND		ug/L		88	50 - 150	2	20
2-Hexanone	ND		40.0	ND		ug/L		81	50 - 150	1	50
4-Methyl-2-pentanone	ND		40.0	ND		ug/L		84	50 - 150	3	50
Acetone	ND		40.0	ND		ug/L		87	50 - 150	2	50
Acrylonitrile	ND		20.0	ND		ug/L		99	50 - 150	3	100
Benzene	ND		20.0	19.0		ug/L		95	71 - 133	4	42
Bromochloromethane	ND		20.0	20.7		ug/L		103	70 - 133	4	20
Bromodichloromethane	ND		20.0	19.0		ug/L		95	68 - 133	5	20
Bromoform	ND		20.0	15.9		ug/L		79	58 - 130	1	20
Bromomethane	ND		20.0	17.8		ug/L		89	50 - 150	0	100
Carbon disulfide	ND		40.0	38.3		ug/L		96	50 - 150	4	50
Carbon tetrachloride	ND		20.0	20.9		ug/L		105	70 - 139	3	22
Chlorobenzene	ND		20.0	18.6		ug/L		93	78 - 128	3	50
Chloroethane	ND		20.0	18.3		ug/L		91	50 - 150	6	100
Chloroform	ND		20.0	19.5		ug/L		97	68 - 132	2	20
Chloromethane	ND		20.0	16.2		ug/L		81	50 - 150	1	100
cis-1,2-Dichloroethene	3.3		20.0	22.4		ug/L		95	72 - 133	5	14
cis-1,3-Dichloropropene	ND		20.0	18.6		ug/L		93	70 - 128	1	14
Dibromochloromethane	ND		20.0	18.2		ug/L		91	68 - 130	5	20
Dibromomethane	ND		20.0	18.9		ug/L		95	72 - 130	6	20
Ethylbenzene	ND		20.0	18.5		ug/L		92	75 - 131	4	28
Iodomethane	ND		40.0	ND		ug/L		101	50 - 150	1	50
Methylene Chloride	ND		20.0	19.1		ug/L		95	66 - 132	2	20
Styrene	ND		20.0	18.4		ug/L		92	73 - 133	3	20
Tetrachloroethene	9.2		20.0	28.1		ug/L		95	74 - 135	2	20
Toluene	ND		20.0	19.6		ug/L		98	72 - 134	3	42
trans-1,2-Dichloroethene	ND		20.0	19.9		ug/L		99	71 - 132	4	20
trans-1,3-Dichloropropene	ND		20.0	18.0		ug/L		90	60 - 125	0	20
trans-1,4-Dichloro-2-butene	ND		40.0	ND		ug/L		90	50 - 150	3	50
Trichloroethene	2.1		20.0	22.1		ug/L		100	77 - 136	5	51
Trichlorofluoromethane	ND		20.0	20.6		ug/L		103	69 - 133	2	23
Vinyl acetate	ND	F1	40.0	ND	F1	ug/L		167	50 - 150	2	50
Vinyl chloride	ND		20.0	17.4		ug/L		87	66 - 138	3	23
Xylenes, Total	ND		60.0	55.0		ug/L		92	74 - 131	4	28

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: 705-14560-1 MSD
Matrix: Water
Analysis Batch: 25656

Client Sample ID: AMW-12R
Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	100		70 - 126
Dibromofluoromethane (Surr)	102		77 - 121
Toluene-d8 (Surr)	100		79 - 119

Lab Sample ID: MB 705-25671/39
Matrix: Water
Analysis Batch: 25671

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 06:53	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/08/24 06:53	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/08/24 06:53	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/08/24 06:53	1
1,1-Dichloroethane	ND		2.0	ug/L			12/08/24 06:53	1
1,1-Dichloroethene	ND		2.0	ug/L			12/08/24 06:53	1
1,2,3-Trichloropropane	ND		10	ug/L			12/08/24 06:53	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/08/24 06:53	1
1,2-Dibromoethane	ND		1.0	ug/L			12/08/24 06:53	1
1,2-Dichlorobenzene	ND		10	ug/L			12/08/24 06:53	1
1,2-Dichloroethane	ND		2.0	ug/L			12/08/24 06:53	1
1,2-Dichloropropane	ND		2.0	ug/L			12/08/24 06:53	1
1,4-Dichlorobenzene	ND		10	ug/L			12/08/24 06:53	1
2-Butanone	ND		100	ug/L			12/08/24 06:53	1
2-Hexanone	ND		50	ug/L			12/08/24 06:53	1
4-Methyl-2-pentanone	ND		50	ug/L			12/08/24 06:53	1
Acetone	ND		100	ug/L			12/08/24 06:53	1
Acrylonitrile	ND		50	ug/L			12/08/24 06:53	1
Benzene	ND		2.0	ug/L			12/08/24 06:53	1
Bromochloromethane	ND		10	ug/L			12/08/24 06:53	1
Bromodichloromethane	ND		10	ug/L			12/08/24 06:53	1
Bromoform	ND		10	ug/L			12/08/24 06:53	1
Bromomethane	ND		10	ug/L			12/08/24 06:53	1
Carbon disulfide	ND		5.0	ug/L			12/08/24 06:53	1
Carbon tetrachloride	ND		2.0	ug/L			12/08/24 06:53	1
Chlorobenzene	ND		10	ug/L			12/08/24 06:53	1
Chloroethane	ND		2.0	ug/L			12/08/24 06:53	1
Chloroform	ND		2.0	ug/L			12/08/24 06:53	1
Chloromethane	ND		10	ug/L			12/08/24 06:53	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 06:53	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 06:53	1
Dibromochloromethane	ND		10	ug/L			12/08/24 06:53	1
Dibromomethane	ND		10	ug/L			12/08/24 06:53	1
Ethylbenzene	ND		2.0	ug/L			12/08/24 06:53	1
Iodomethane	ND		100	ug/L			12/08/24 06:53	1
Methylene Chloride	ND		5.0	ug/L			12/08/24 06:53	1
Styrene	ND		10	ug/L			12/08/24 06:53	1
Tetrachloroethene	ND		2.0	ug/L			12/08/24 06:53	1
Toluene	ND		2.0	ug/L			12/08/24 06:53	1

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: MB 705-25671/39

Matrix: Water

Analysis Batch: 25671

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/08/24 06:53	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/08/24 06:53	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/08/24 06:53	1
Trichloroethene	ND		2.0	ug/L			12/08/24 06:53	1
Trichlorofluoromethane	ND		10	ug/L			12/08/24 06:53	1
Vinyl acetate	ND		100	ug/L			12/08/24 06:53	1
Vinyl chloride	ND		2.0	ug/L			12/08/24 06:53	1
Xylenes, Total	ND		5.0	ug/L			12/08/24 06:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 126		12/08/24 06:53	1
Dibromofluoromethane (Surr)	100		77 - 121		12/08/24 06:53	1
Toluene-d8 (Surr)	101		79 - 119		12/08/24 06:53	1

Lab Sample ID: MRL 705-25671/36

Matrix: Water

Analysis Batch: 25671

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	5.00	4.19 J		ug/L		84	50 - 150
1,1,1-Trichloroethane	5.00	4.88 J		ug/L		98	50 - 150
1,1,2,2-Tetrachloroethane	5.00	4.07 J		ug/L		81	50 - 150
1,1,2-Trichloroethane	5.00	4.71 J		ug/L		94	50 - 150
1,1-Dichloroethane	5.00	4.64 J		ug/L		93	50 - 150
1,1-Dichloroethene	5.00	4.48 J		ug/L		90	50 - 150
1,2,3-Trichloropropane	5.00	2.95 J		ug/L		59	50 - 150
1,2-Dibromo-3-Chloropropane	5.00	2.81 J		ug/L		56	50 - 150
1,2-Dibromoethane	5.00	4.28 J		ug/L		86	50 - 150
1,2-Dichlorobenzene	5.00	4.31 J		ug/L		86	50 - 150
1,2-Dichloroethane	5.00	4.64 J		ug/L		93	50 - 150
1,2-Dichloropropane	5.00	4.67 J		ug/L		93	50 - 150
1,4-Dichlorobenzene	5.00	4.19 J		ug/L		84	50 - 150
2-Butanone	10.0	6.92 J		ug/L		69	50 - 150
2-Hexanone	10.0	6.85 J		ug/L		69	50 - 150
4-Methyl-2-pentanone	10.0	7.61 J		ug/L		76	50 - 150
Acetone	10.0	8.07 J		ug/L		81	50 - 150
Acrylonitrile	5.00	3.98 J		ug/L		80	50 - 150
Benzene	5.00	4.69 J		ug/L		94	50 - 150
Bromochloromethane	5.00	4.79 J		ug/L		96	50 - 150
Bromodichloromethane	5.00	4.57 J		ug/L		91	50 - 150
Bromoform	5.00	3.43 J		ug/L		69	50 - 150
Bromomethane	5.00	4.41 J		ug/L		88	50 - 150
Carbon disulfide	10.0	8.25		ug/L		82	50 - 150
Carbon tetrachloride	5.00	4.90 J		ug/L		98	50 - 150
Chlorobenzene	5.00	4.56 J		ug/L		91	50 - 150
Chloroethane	5.00	4.66 J		ug/L		93	50 - 150
Chloroform	5.00	4.96 J		ug/L		99	50 - 150
Chloromethane	5.00	3.61 J		ug/L		72	50 - 150

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: MRL 705-25671/36

Matrix: Water

Analysis Batch: 25671

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	5.00	4.91	J	ug/L		98	50 - 150
cis-1,3-Dichloropropene	5.00	4.38	J	ug/L		88	50 - 150
Dibromochloromethane	5.00	4.25	J	ug/L		85	50 - 150
Dibromomethane	5.00	4.59	J	ug/L		92	50 - 150
Ethylbenzene	5.00	4.34	J	ug/L		87	50 - 150
Iodomethane	10.0	9.49	J	ug/L		95	50 - 150
Methylene Chloride	5.00	4.51	J	ug/L		90	50 - 150
Styrene	5.00	4.33	J	ug/L		87	50 - 150
Tetrachloroethene	5.00	4.30	J	ug/L		86	50 - 150
Toluene	5.00	4.77	J	ug/L		95	50 - 150
trans-1,2-Dichloroethene	5.00	4.74	J	ug/L		95	50 - 150
trans-1,3-Dichloropropene	5.00	4.17	J	ug/L		83	50 - 150
trans-1,4-Dichloro-2-butene	10.0	5.42	J	ug/L		54	50 - 150
Trichloroethene	5.00	4.95	J	ug/L		99	50 - 150
Trichlorofluoromethane	5.00	5.03		ug/L		101	50 - 150
Vinyl acetate	10.0	7.79	J	ug/L		78	50 - 150
Vinyl chloride	5.00	4.28		ug/L		86	50 - 150
Xylenes, Total	15.0	13.2		ug/L		88	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene	100		70 - 126
Dibromofluoromethane (Surr)	102		77 - 121
Toluene-d8 (Surr)	101		79 - 119

Lab Sample ID: MRL 705-25671/37

Matrix: Water

Analysis Batch: 25671

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	1.00	1.02	J	ug/L		102	50 - 150
1,1,1-Trichloroethane	1.00	1.19	J	ug/L		119	50 - 150
1,1,2,2-Tetrachloroethane	1.00	0.937	J	ug/L		94	50 - 150
1,1,2-Trichloroethane	1.00	1.05	J	ug/L		105	50 - 150
1,1-Dichloroethane	1.00	1.21	J	ug/L		121	50 - 150
1,1-Dichloroethene	1.00	0.857	J	ug/L		86	50 - 150
1,2,3-Trichloropropane	1.00	ND	^3-	ug/L		0	50 - 150
1,2-Dibromo-3-Chloropropane	1.00	ND	^3-	ug/L		12	50 - 150
1,2-Dibromoethane	1.00	0.945	J	ug/L		94	50 - 150
1,2-Dichlorobenzene	1.00	1.12	J	ug/L		112	50 - 150
1,2-Dichloroethane	1.00	1.10	J	ug/L		110	50 - 150
1,2-Dichloropropane	1.00	1.25	J	ug/L		125	50 - 150
1,4-Dichlorobenzene	1.00	1.17	J	ug/L		117	50 - 150
2-Butanone	2.00	ND		ug/L		74	50 - 150
2-Hexanone	2.00	ND		ug/L		67	50 - 150
4-Methyl-2-pentanone	2.00	ND		ug/L		77	50 - 150
Acetone	2.00	ND	^3-	ug/L		0	50 - 150
Benzene	1.00	1.22	J	ug/L		122	50 - 150
Bromochloromethane	1.00	0.891	J	ug/L		89	50 - 150

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: MRL 705-25671/37

Matrix: Water

Analysis Batch: 25671

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	1.00	1.25	J	ug/L		125	50 - 150
Bromoform	1.00	1.34	J	ug/L		134	50 - 150
Bromomethane	1.00	0.828	J	ug/L		83	50 - 150
Carbon disulfide	2.00	1.87	J	ug/L		93	50 - 150
Carbon tetrachloride	1.00	1.12	J	ug/L		112	50 - 150
Chlorobenzene	1.00	1.20	J	ug/L		120	50 - 150
Chloroethane	1.00	0.758	J	ug/L		76	50 - 150
Chloroform	1.00	1.21	J	ug/L		121	50 - 150
Chloromethane	1.00	0.690	J	ug/L		69	50 - 150
cis-1,2-Dichloroethene	1.00	1.26	J	ug/L		126	50 - 150
cis-1,3-Dichloropropene	1.00	1.09	J	ug/L		109	50 - 150
Dibromochloromethane	1.00	0.961	J	ug/L		96	50 - 150
Dibromomethane	1.00	1.22	J	ug/L		122	50 - 150
Ethylbenzene	1.00	1.13	J	ug/L		113	50 - 150
Iodomethane	2.00	2.13	J	ug/L		106	50 - 150
Methylene Chloride	1.00	ND		ug/L		134	50 - 150
Styrene	1.00	1.08	J	ug/L		108	50 - 150
Tetrachloroethene	1.00	1.07	J	ug/L		107	50 - 150
Toluene	1.00	1.20	J	ug/L		120	50 - 150
trans-1,2-Dichloroethene	1.00	0.999	J	ug/L		100	50 - 150
trans-1,3-Dichloropropene	1.00	1.05	J	ug/L		105	50 - 150
trans-1,4-Dichloro-2-butene	2.00	ND	^3-	ug/L		0	50 - 150
Trichloroethene	1.00	1.20	J	ug/L		120	50 - 150
Trichlorofluoromethane	1.00	0.988	J	ug/L		99	50 - 150
Vinyl acetate	2.00	ND		ug/L		80	50 - 150
Vinyl chloride	1.00	0.803	J	ug/L		80	50 - 150
Xylenes, Total	3.00	3.48	J	ug/L		116	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene	99		70 - 126
Dibromofluoromethane (Surr)	103		77 - 121
Toluene-d8 (Surr)	101		79 - 119

Lab Sample ID: 705-14560-28 MS

Matrix: Water

Analysis Batch: 25671

Client Sample ID: GWC-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		20.0	18.3		ug/L		92	69 - 133
1,1,1-Trichloroethane	ND		20.0	21.2		ug/L		106	69 - 135
1,1,2,2-Tetrachloroethane	ND		20.0	14.1		ug/L		71	68 - 132
1,1,2-Trichloroethane	ND		20.0	17.4		ug/L		87	71 - 133
1,1-Dichloroethane	ND		20.0	20.5		ug/L		103	70 - 133
1,1-Dichloroethene	ND		20.0	21.1		ug/L		106	69 - 139
1,2,3-Trichloropropane	ND	F1	20.0	ND	F1	ug/L		49	66 - 132
1,2-Dibromo-3-Chloropropane	ND	F1	20.0	10.7	F1	ug/L		54	62 - 127
1,2-Dibromoethane	ND		20.0	15.6		ug/L		78	76 - 129
1,2-Dichlorobenzene	ND		20.0	17.8		ug/L		89	76 - 125

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: 705-14560-28 MS

Matrix: Water

Analysis Batch: 25671

Client Sample ID: GWC-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	ND		20.0	18.3		ug/L		91	70 - 133
1,2-Dichloropropane	ND		20.0	19.0		ug/L		95	69 - 132
1,4-Dichlorobenzene	ND		20.0	17.5		ug/L		88	76 - 124
2-Butanone	ND		40.0	ND		ug/L		58	50 - 150
2-Hexanone	ND		40.0	ND		ug/L		54	50 - 150
4-Methyl-2-pentanone	ND		40.0	ND		ug/L		60	50 - 150
Acetone	ND		40.0	ND		ug/L		57	50 - 150
Acrylonitrile	ND		20.0	ND		ug/L		72	50 - 150
Benzene	ND		20.0	20.0		ug/L		98	71 - 133
Bromochloromethane	ND		20.0	20.7		ug/L		104	70 - 133
Bromodichloromethane	ND		20.0	19.3		ug/L		96	68 - 133
Bromoform	ND		20.0	11.7		ug/L		59	58 - 130
Bromomethane	ND		20.0	20.4		ug/L		102	50 - 150
Carbon disulfide	ND		40.0	38.6		ug/L		96	50 - 150
Carbon tetrachloride	ND		20.0	21.6		ug/L		108	70 - 139
Chlorobenzene	ND		20.0	18.3		ug/L		92	78 - 128
Chloroethane	ND		20.0	20.6		ug/L		103	50 - 150
Chloroform	ND		20.0	20.1		ug/L		101	68 - 132
Chloromethane	ND		20.0	18.1		ug/L		90	50 - 150
cis-1,2-Dichloroethene	ND		20.0	20.4		ug/L		100	72 - 133
cis-1,3-Dichloropropene	ND		20.0	17.4		ug/L		87	70 - 128
Dibromochloromethane	ND		20.0	16.5		ug/L		83	68 - 130
Dibromomethane	ND		20.0	18.1		ug/L		90	72 - 130
Ethylbenzene	ND		20.0	18.0		ug/L		90	75 - 131
Iodomethane	ND		40.0	ND		ug/L		103	50 - 150
Methylene Chloride	ND		20.0	20.0		ug/L		100	66 - 132
Styrene	ND		20.0	17.8		ug/L		89	73 - 133
Tetrachloroethene	ND		20.0	19.4		ug/L		97	74 - 135
Toluene	ND		20.0	19.7		ug/L		98	72 - 134
trans-1,2-Dichloroethene	ND		20.0	20.6		ug/L		103	71 - 132
trans-1,3-Dichloropropene	ND		20.0	16.0		ug/L		80	60 - 125
trans-1,4-Dichloro-2-butene	ND	F1	40.0	ND	F1	ug/L		24	50 - 150
Trichloroethene	ND		20.0	20.5		ug/L		103	77 - 136
Trichlorofluoromethane	ND		20.0	23.5		ug/L		118	69 - 133
Vinyl acetate	ND		40.0	ND		ug/L		68	50 - 150
Vinyl chloride	ND		20.0	19.1		ug/L		96	66 - 138
Xylenes, Total	ND		60.0	54.3		ug/L		91	74 - 131

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	99		70 - 126
Dibromofluoromethane (Surr)	102		77 - 121
Toluene-d8 (Surr)	101		79 - 119

QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: 705-14560-20 DU

Matrix: Water

Analysis Batch: 25671

Client Sample ID: GWC-13

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		ND		ug/L		NC	
1,1,1-Trichloroethane	ND		ND		ug/L		NC	
1,1,2,2-Tetrachloroethane	ND		ND		ug/L		NC	
1,1,2-Trichloroethane	ND		ND		ug/L		NC	
1,1-Dichloroethane	ND		ND		ug/L		NC	
1,1-Dichloroethene	ND		ND		ug/L		NC	
1,2,3-Trichloropropane	ND		ND	*-	ug/L		NC	
1,2-Dibromo-3-Chloropropane	ND		ND		ug/L		NC	
1,2-Dibromoethane	ND		ND		ug/L		NC	
1,2-Dichlorobenzene	ND		ND		ug/L		NC	
1,2-Dichloroethane	ND		ND		ug/L		NC	
1,2-Dichloropropane	ND		ND		ug/L		NC	
1,4-Dichlorobenzene	ND		ND		ug/L		NC	
2-Butanone	ND		ND		ug/L		NC	
2-Hexanone	ND		ND		ug/L		NC	
4-Methyl-2-pentanone	ND		ND		ug/L		NC	
Acetone	ND		ND		ug/L		NC	
Acrylonitrile	ND		ND		ug/L		NC	
Benzene	ND		ND		ug/L		NC	
Bromochloromethane	ND		ND		ug/L		NC	
Bromodichloromethane	ND		ND		ug/L		NC	
Bromoform	ND		ND		ug/L		NC	
Bromomethane	ND		ND		ug/L		NC	
Carbon disulfide	ND		ND		ug/L		NC	
Carbon tetrachloride	ND		ND		ug/L		NC	
Chlorobenzene	ND		ND		ug/L		NC	
Chloroethane	ND		ND		ug/L		NC	
Chloroform	ND		ND		ug/L		NC	
Chloromethane	ND		ND		ug/L		NC	
cis-1,2-Dichloroethene	ND		ND		ug/L		NC	
cis-1,3-Dichloropropene	ND		ND		ug/L		NC	
Dibromochloromethane	ND		ND		ug/L		NC	
Dibromomethane	ND		ND		ug/L		NC	
Ethylbenzene	ND		ND		ug/L		NC	
Iodomethane	ND		ND		ug/L		NC	
Methylene Chloride	ND		ND		ug/L		NC	
Styrene	ND		ND		ug/L		NC	
Tetrachloroethene	ND		ND		ug/L		NC	
Toluene	ND		ND		ug/L		NC	
trans-1,2-Dichloroethene	ND		ND		ug/L		NC	
trans-1,3-Dichloropropene	ND		ND		ug/L		NC	
trans-1,4-Dichloro-2-butene	ND		ND	*-	ug/L		NC	
Trichloroethene	ND		ND		ug/L		NC	
Trichlorofluoromethane	ND		ND		ug/L		NC	
Vinyl acetate	ND		ND		ug/L		NC	
Vinyl chloride	ND		ND		ug/L		NC	
Xylenes, Total	ND		ND		ug/L		NC	

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: 705-14560-20 DU

Matrix: Water

Analysis Batch: 25671

Client Sample ID: GWC-13

Prep Type: Total/NA

<i>Surrogate</i>	<i>%Recovery</i>	<i>DU DU Qualifier</i>	<i>Limits</i>
4-Bromofluorobenzene	97		70 - 126
Dibromofluoromethane (Surr)	98		77 - 121
Toluene-d8 (Surr)	101		79 - 119

Lab Sample ID: MB 705-26023/8

Matrix: Water

Analysis Batch: 26023

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Analyte</i>	<i>MB MB Result Qualifier</i>	<i>RL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L			12/10/24 15:18	1
1,1,1-Trichloroethane	ND	2.0	ug/L			12/10/24 15:18	1
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L			12/10/24 15:18	1
1,1,2-Trichloroethane	ND	2.0	ug/L			12/10/24 15:18	1
1,1-Dichloroethane	ND	2.0	ug/L			12/10/24 15:18	1
1,1-Dichloroethene	ND	2.0	ug/L			12/10/24 15:18	1
1,2,3-Trichloropropane	ND	10	ug/L			12/10/24 15:18	1
1,2-Dibromo-3-Chloropropane	ND	5.0	ug/L			12/10/24 15:18	1
1,2-Dibromoethane	ND	1.0	ug/L			12/10/24 15:18	1
1,2-Dichlorobenzene	ND	10	ug/L			12/10/24 15:18	1
1,2-Dichloroethane	ND	2.0	ug/L			12/10/24 15:18	1
1,2-Dichloropropane	ND	2.0	ug/L			12/10/24 15:18	1
1,4-Dichlorobenzene	ND	10	ug/L			12/10/24 15:18	1
2-Butanone	ND	100	ug/L			12/10/24 15:18	1
2-Hexanone	ND	50	ug/L			12/10/24 15:18	1
4-Methyl-2-pentanone	ND	50	ug/L			12/10/24 15:18	1
Acetone	ND	100	ug/L			12/10/24 15:18	1
Acrylonitrile	ND	50	ug/L			12/10/24 15:18	1
Benzene	ND	2.0	ug/L			12/10/24 15:18	1
Bromochloromethane	ND	10	ug/L			12/10/24 15:18	1
Bromodichloromethane	ND	10	ug/L			12/10/24 15:18	1
Bromoform	ND	10	ug/L			12/10/24 15:18	1
Bromomethane	ND	10	ug/L			12/10/24 15:18	1
Carbon disulfide	ND	5.0	ug/L			12/10/24 15:18	1
Carbon tetrachloride	ND	2.0	ug/L			12/10/24 15:18	1
Chlorobenzene	ND	10	ug/L			12/10/24 15:18	1
Chloroethane	ND	2.0	ug/L			12/10/24 15:18	1
Chloroform	ND	2.0	ug/L			12/10/24 15:18	1
Chloromethane	ND	10	ug/L			12/10/24 15:18	1
cis-1,2-Dichloroethene	ND	2.0	ug/L			12/10/24 15:18	1
cis-1,3-Dichloropropene	ND	2.0	ug/L			12/10/24 15:18	1
Dibromochloromethane	ND	10	ug/L			12/10/24 15:18	1
Dibromomethane	ND	10	ug/L			12/10/24 15:18	1
Ethylbenzene	ND	2.0	ug/L			12/10/24 15:18	1
Iodomethane	ND	100	ug/L			12/10/24 15:18	1
Methylene Chloride	ND	5.0	ug/L			12/10/24 15:18	1
Styrene	ND	10	ug/L			12/10/24 15:18	1
Tetrachloroethene	ND	2.0	ug/L			12/10/24 15:18	1
Toluene	ND	2.0	ug/L			12/10/24 15:18	1

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: MB 705-26023/8

Matrix: Water

Analysis Batch: 26023

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/10/24 15:18	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/10/24 15:18	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/10/24 15:18	1
Trichloroethene	ND		2.0	ug/L			12/10/24 15:18	1
Trichlorofluoromethane	ND		10	ug/L			12/10/24 15:18	1
Vinyl acetate	ND		100	ug/L			12/10/24 15:18	1
Vinyl chloride	ND		2.0	ug/L			12/10/24 15:18	1
Xylenes, Total	ND		5.0	ug/L			12/10/24 15:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		70 - 126		12/10/24 15:18	1
Dibromofluoromethane (Surr)	105		77 - 121		12/10/24 15:18	1
Toluene-d8 (Surr)	97		79 - 119		12/10/24 15:18	1

Lab Sample ID: LCS 705-26023/1003

Matrix: Water

Analysis Batch: 26023

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	21.4		ug/L		107	76 - 130
1,1,1-Trichloroethane	20.0	20.7		ug/L		103	71 - 124
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	73 - 127
1,1,2-Trichloroethane	20.0	21.2		ug/L		106	69 - 127
1,1-Dichloroethane	20.0	20.5		ug/L		103	65 - 126
1,1-Dichloroethene	20.0	19.4		ug/L		97	69 - 130
1,2,3-Trichloropropane	20.0	16.2		ug/L		81	70 - 127
1,2-Dibromo-3-Chloropropane	20.0	18.5		ug/L		93	64 - 125
1,2-Dibromoethane	20.0	19.0		ug/L		95	68 - 133
1,2-Dichlorobenzene	20.0	20.4		ug/L		102	69 - 127
1,2-Dichloroethane	20.0	21.9		ug/L		109	72 - 127
1,2-Dichloropropane	20.0	21.3		ug/L		107	71 - 121
1,4-Dichlorobenzene	20.0	20.4		ug/L		102	68 - 126
2-Butanone	40.0	35.0	J	ug/L		87	74 - 131
2-Hexanone	40.0	37.6	J	ug/L		94	70 - 130
4-Methyl-2-pentanone	40.0	39.2	J	ug/L		98	76 - 122
Acetone	40.0	35.3	J	ug/L		88	62 - 136
Acrylonitrile	20.0	18.3	J	ug/L		92	62 - 141
Benzene	20.0	21.0		ug/L		105	76 - 122
Bromochloromethane	20.0	20.5		ug/L		102	76 - 120
Bromodichloromethane	20.0	21.3		ug/L		106	70 - 124
Bromoform	20.0	16.5		ug/L		82	65 - 129
Bromomethane	20.0	19.9		ug/L		99	60 - 138
Carbon disulfide	40.0	41.3		ug/L		103	71 - 122
Carbon tetrachloride	20.0	22.5		ug/L		113	72 - 133
Chlorobenzene	20.0	20.6		ug/L		103	75 - 121
Chloroethane	20.0	21.2		ug/L		106	55 - 138
Chloroform	20.0	20.1		ug/L		101	72 - 121
Chloromethane	20.0	18.4		ug/L		92	57 - 129

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: LCS 705-26023/1003

Matrix: Water

Analysis Batch: 26023

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	20.0	20.5		ug/L		103	76 - 121
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	70 - 129
Dibromochloromethane	20.0	18.8		ug/L		94	70 - 131
Dibromomethane	20.0	21.3		ug/L		106	70 - 131
Ethylbenzene	20.0	20.6		ug/L		103	75 - 127
Iodomethane	40.0	40.0	J	ug/L		100	50 - 150
Methylene Chloride	20.0	20.1		ug/L		100	68 - 131
Styrene	20.0	22.6		ug/L		113	71 - 129
Tetrachloroethene	20.0	21.2		ug/L		106	74 - 129
Toluene	20.0	21.5		ug/L		107	74 - 124
trans-1,2-Dichloroethene	20.0	19.9		ug/L		99	74 - 124
trans-1,3-Dichloropropene	20.0	20.5		ug/L		102	59 - 135
trans-1,4-Dichloro-2-butene	40.0	20.8	J	ug/L		52	50 - 150
Trichloroethene	20.0	21.3		ug/L		107	72 - 129
Trichlorofluoromethane	20.0	22.1		ug/L		110	63 - 142
Vinyl acetate	40.0	39.2	J	ug/L		98	50 - 150
Vinyl chloride	20.0	20.1		ug/L		100	65 - 132
Xylenes, Total	60.0	64.7		ug/L		108	75 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	105		70 - 126
Dibromofluoromethane (Surr)	102		77 - 121
Toluene-d8 (Surr)	104		79 - 119

Lab Sample ID: MRL 705-26023/5

Matrix: Water

Analysis Batch: 26023

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	1.00	1.01	J	ug/L		101	50 - 150
1,1,1-Trichloroethane	1.00	0.939	J	ug/L		94	50 - 150
1,1,2,2-Tetrachloroethane	1.00	1.22	J	ug/L		122	50 - 150
1,1,2-Trichloroethane	1.00	0.930	J	ug/L		93	50 - 150
1,1-Dichloroethane	1.00	1.05	J	ug/L		105	50 - 150
1,1-Dichloroethene	1.00	1.05	J	ug/L		105	50 - 150
1,2,3-Trichloropropane	1.00	ND	^3-	ug/L		0	50 - 150
1,2-Dibromo-3-Chloropropane	1.00	1.08	J	ug/L		108	50 - 150
1,2-Dibromoethane	1.00	1.05	J	ug/L		105	50 - 150
1,2-Dichlorobenzene	1.00	1.22	J	ug/L		122	50 - 150
1,2-Dichloroethane	1.00	1.27	J	ug/L		127	50 - 150
1,2-Dichloropropane	1.00	0.976	J	ug/L		98	50 - 150
1,4-Dichlorobenzene	1.00	1.19	J	ug/L		119	50 - 150
2-Butanone	2.00	ND	^3-	ug/L		0	50 - 150
2-Hexanone	2.00	ND	^3-	ug/L		0	50 - 150
4-Methyl-2-pentanone	2.00	ND	^3-	ug/L		0	50 - 150
Acetone	2.00	ND	^3-	ug/L		0	50 - 150
Benzene	1.00	1.02	J	ug/L		102	50 - 150
Bromochloromethane	1.00	1.06	J	ug/L		106	50 - 150

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: MRL 705-26023/5

Matrix: Water

Analysis Batch: 26023

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	1.00	1.04	J	ug/L		104	50 - 150
Bromoform	1.00	0.799	J	ug/L		80	50 - 150
Bromomethane	1.00	1.18	J	ug/L		118	50 - 150
Carbon disulfide	2.00	1.91	J	ug/L		95	50 - 150
Carbon tetrachloride	1.00	1.03	J	ug/L		103	50 - 150
Chlorobenzene	1.00	1.15	J	ug/L		115	50 - 150
Chloroethane	1.00	1.07	J	ug/L		107	50 - 150
Chloroform	1.00	1.41	J	ug/L		141	50 - 150
Chloromethane	1.00	1.07	J	ug/L		107	50 - 150
cis-1,2-Dichloroethene	1.00	1.03	J	ug/L		103	50 - 150
cis-1,3-Dichloropropene	1.00	0.849	J	ug/L		85	50 - 150
Dibromochloromethane	1.00	0.895	J	ug/L		90	50 - 150
Dibromomethane	1.00	1.10	J	ug/L		110	50 - 150
Ethylbenzene	1.00	0.909	J	ug/L		91	50 - 150
Iodomethane	2.00	1.98	J	ug/L		99	50 - 150
Methylene Chloride	1.00	ND		ug/L		133	50 - 150
Styrene	1.00	0.798	J	ug/L		80	50 - 150
Tetrachloroethene	1.00	1.04	J	ug/L		104	50 - 150
Toluene	1.00	0.907	J	ug/L		91	50 - 150
trans-1,2-Dichloroethene	1.00	1.06	J	ug/L		106	50 - 150
trans-1,3-Dichloropropene	1.00	0.831	J	ug/L		83	50 - 150
trans-1,4-Dichloro-2-butene	2.00	ND	^3-	ug/L		0	50 - 150
Trichloroethene	1.00	0.975	J	ug/L		97	50 - 150
Trichlorofluoromethane	1.00	0.940	J	ug/L		94	50 - 150
Vinyl acetate	2.00	ND		ug/L		76	50 - 150
Vinyl chloride	1.00	0.844	J	ug/L		84	50 - 150
Xylenes, Total	3.00	2.64	J	ug/L		88	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene	95		70 - 126
Dibromofluoromethane (Surr)	106		77 - 121
Toluene-d8 (Surr)	96		79 - 119

Lab Sample ID: 705-14571-A-4 MS

Matrix: Water

Analysis Batch: 26023

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		10000	11700		ug/L		117	69 - 133
1,1,1-Trichloroethane	ND		10000	12500		ug/L		125	69 - 135
1,1,2,2-Tetrachloroethane	ND		10000	10400		ug/L		104	68 - 132
1,1,2-Trichloroethane	ND		10000	9670		ug/L		97	71 - 133
1,1-Dichloroethane	ND		10000	12600		ug/L		126	70 - 133
1,1-Dichloroethene	ND		10000	12000		ug/L		120	69 - 139
1,2,3-Trichloropropane	ND		10000	8080		ug/L		81	66 - 132
1,2-Dibromo-3-Chloropropane	ND		10000	9890		ug/L		99	62 - 127
1,2-Dibromoethane	ND		10000	9950		ug/L		100	76 - 129
1,2-Dichlorobenzene	ND		10000	11200		ug/L		112	76 - 125

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: 705-14571-A-4 MS

Matrix: Water

Analysis Batch: 26023

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	ND		10000	11900		ug/L		119	70 - 133
1,2-Dichloropropane	ND		10000	11800		ug/L		118	69 - 132
1,4-Dichlorobenzene	ND		10000	10200		ug/L		102	76 - 124
2-Butanone	ND		20000	ND		ug/L		92	50 - 150
2-Hexanone	ND		20000	ND		ug/L		83	50 - 150
4-Methyl-2-pentanone	ND		20000	ND		ug/L		97	50 - 150
Acetone	ND		20000	ND		ug/L		115	50 - 150
Acrylonitrile	ND		10000	ND		ug/L		117	50 - 150
Benzene	19000		10000	31400		ug/L		123	71 - 133
Bromochloromethane	ND		10000	12000		ug/L		120	70 - 133
Bromodichloromethane	ND		10000	11000		ug/L		110	68 - 133
Bromoform	ND		10000	9160		ug/L		92	58 - 130
Bromomethane	ND		10000	10800		ug/L		108	50 - 150
Carbon disulfide	ND		20000	25700		ug/L		129	50 - 150
Carbon tetrachloride	ND		10000	12200		ug/L		122	70 - 139
Chlorobenzene	ND		10000	11000		ug/L		110	78 - 128
Chloroethane	ND		10000	12200		ug/L		122	50 - 150
Chloroform	ND		10000	11900		ug/L		118	68 - 132
Chloromethane	ND		10000	10900		ug/L		109	50 - 150
cis-1,2-Dichloroethene	ND		10000	12800		ug/L		128	72 - 133
cis-1,3-Dichloropropene	ND		10000	9880		ug/L		99	70 - 128
Dibromochloromethane	ND		10000	9620		ug/L		96	68 - 130
Dibromomethane	ND		10000	10800		ug/L		108	72 - 130
Ethylbenzene	5100		10000	16900		ug/L		117	75 - 131
Iodomethane	ND		20000	ND		ug/L		124	50 - 150
Methylene Chloride	ND		10000	12500		ug/L		125	66 - 132
Styrene	ND		10000	11800		ug/L		118	73 - 133
Tetrachloroethene	ND		10000	11500		ug/L		115	74 - 135
Toluene	60000		10000	71800	4	ug/L		117	72 - 134
trans-1,2-Dichloroethene	ND		10000	13000		ug/L		130	71 - 132
trans-1,3-Dichloropropene	ND		10000	8760		ug/L		88	60 - 125
trans-1,4-Dichloro-2-butene	ND	F1	20000	ND	F1	ug/L		47	50 - 150
Trichloroethene	ND		10000	12200		ug/L		122	77 - 136
Trichlorofluoromethane	ND		10000	11800		ug/L		118	69 - 133
Vinyl acetate	ND		20000	ND		ug/L		101	50 - 150
Vinyl chloride	ND		10000	12100		ug/L		121	66 - 138
Xylenes, Total	26000		30000	62900		ug/L		122	74 - 131

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	98		70 - 126
Dibromofluoromethane (Surr)	106		77 - 121
Toluene-d8 (Surr)	98		79 - 119

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: 705-14571-A-4 MSD

Matrix: Water

Analysis Batch: 26023

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		10000	10500		ug/L		105	69 - 133	11	18
1,1,1-Trichloroethane	ND		10000	10900		ug/L		109	69 - 135	14	20
1,1,2,2-Tetrachloroethane	ND		10000	10300		ug/L		103	68 - 132	1	19
1,1,2-Trichloroethane	ND		10000	10600		ug/L		106	71 - 133	9	20
1,1-Dichloroethane	ND		10000	11300		ug/L		113	70 - 133	11	22
1,1-Dichloroethene	ND		10000	10800		ug/L		108	69 - 139	11	56
1,2,3-Trichloropropane	ND		10000	7980		ug/L		80	66 - 132	1	39
1,2-Dibromo-3-Chloropropane	ND		10000	9340		ug/L		93	62 - 127	6	20
1,2-Dibromoethane	ND		10000	10300		ug/L		103	76 - 129	3	20
1,2-Dichlorobenzene	ND		10000	10300		ug/L		103	76 - 125	8	20
1,2-Dichloroethane	ND		10000	11200		ug/L		112	70 - 133	6	41
1,2-Dichloropropane	ND		10000	10900		ug/L		109	69 - 132	8	20
1,4-Dichlorobenzene	ND		10000	9860		ug/L		99	76 - 124	4	20
2-Butanone	ND		20000	ND		ug/L		103	50 - 150	12	20
2-Hexanone	ND		20000	ND		ug/L		96	50 - 150	15	50
4-Methyl-2-pentanone	ND		20000	ND		ug/L		102	50 - 150	6	50
Acetone	ND		20000	ND		ug/L		133	50 - 150	15	50
Acrylonitrile	ND		10000	ND		ug/L		109	50 - 150	7	100
Benzene	19000		10000	29600		ug/L		106	71 - 133	6	42
Bromochloromethane	ND		10000	11000		ug/L		110	70 - 133	9	20
Bromodichloromethane	ND		10000	10700		ug/L		107	68 - 133	3	20
Bromoform	ND		10000	8810		ug/L		88	58 - 130	4	20
Bromomethane	ND		10000	9920		ug/L		99	50 - 150	8	100
Carbon disulfide	ND		20000	22600		ug/L		113	50 - 150	13	50
Carbon tetrachloride	ND		10000	10700		ug/L		107	70 - 139	14	22
Chlorobenzene	ND		10000	10500		ug/L		105	78 - 128	5	50
Chloroethane	ND		10000	10500		ug/L		105	50 - 150	14	100
Chloroform	ND		10000	10900		ug/L		107	68 - 132	9	20
Chloromethane	ND		10000	10000		ug/L		100	50 - 150	9	100
cis-1,2-Dichloroethene	ND		10000	11500		ug/L		115	72 - 133	10	14
cis-1,3-Dichloropropene	ND		10000	10500		ug/L		105	70 - 128	6	14
Dibromochloromethane	ND		10000	9780		ug/L		98	68 - 130	2	20
Dibromomethane	ND		10000	10500		ug/L		105	72 - 130	3	20
Ethylbenzene	5100		10000	16000		ug/L		109	75 - 131	5	28
Iodomethane	ND		20000	ND		ug/L		110	50 - 150	11	50
Methylene Chloride	ND		10000	11300		ug/L		113	66 - 132	11	20
Styrene	ND		10000	11600		ug/L		116	73 - 133	2	20
Tetrachloroethene	ND		10000	10700		ug/L		107	74 - 135	8	20
Toluene	60000		10000	69800	4	ug/L		97	72 - 134	3	42
trans-1,2-Dichloroethene	ND		10000	11200		ug/L		112	71 - 132	15	20
trans-1,3-Dichloropropene	ND		10000	10000		ug/L		100	60 - 125	14	20
trans-1,4-Dichloro-2-butene	ND	F1	20000	ND	F1	ug/L		47	50 - 150	0	50
Trichloroethene	ND		10000	11400		ug/L		114	77 - 136	7	51
Trichlorofluoromethane	ND		10000	10200		ug/L		102	69 - 133	14	23
Vinyl acetate	ND		20000	ND		ug/L		111	50 - 150	9	50
Vinyl chloride	ND		10000	10900		ug/L		109	66 - 138	10	23
Xylenes, Total	26000		30000	58300		ug/L		107	74 - 131	8	28

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: 705-14571-A-4 MSD

Matrix: Water

Analysis Batch: 26023

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	101		70 - 126
Dibromofluoromethane (Surr)	101		77 - 121
Toluene-d8 (Surr)	100		79 - 119

Lab Sample ID: MB 705-26269/8

Matrix: Water

Analysis Batch: 26269

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			12/11/24 15:11	1
1,1,1-Trichloroethane	ND		2.0	ug/L			12/11/24 15:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			12/11/24 15:11	1
1,1,2-Trichloroethane	ND		2.0	ug/L			12/11/24 15:11	1
1,1-Dichloroethane	ND		2.0	ug/L			12/11/24 15:11	1
1,1-Dichloroethene	ND		2.0	ug/L			12/11/24 15:11	1
1,2,3-Trichloropropane	ND		10	ug/L			12/11/24 15:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			12/11/24 15:11	1
1,2-Dibromoethane	ND		1.0	ug/L			12/11/24 15:11	1
1,2-Dichlorobenzene	ND		10	ug/L			12/11/24 15:11	1
1,2-Dichloroethane	ND		2.0	ug/L			12/11/24 15:11	1
1,2-Dichloropropane	ND		2.0	ug/L			12/11/24 15:11	1
1,4-Dichlorobenzene	ND		10	ug/L			12/11/24 15:11	1
2-Butanone	ND		100	ug/L			12/11/24 15:11	1
2-Hexanone	ND		50	ug/L			12/11/24 15:11	1
4-Methyl-2-pentanone	ND		50	ug/L			12/11/24 15:11	1
Acetone	ND		100	ug/L			12/11/24 15:11	1
Acrylonitrile	ND		50	ug/L			12/11/24 15:11	1
Benzene	ND		2.0	ug/L			12/11/24 15:11	1
Bromochloromethane	ND		10	ug/L			12/11/24 15:11	1
Bromodichloromethane	ND		10	ug/L			12/11/24 15:11	1
Bromoform	ND		10	ug/L			12/11/24 15:11	1
Bromomethane	ND		10	ug/L			12/11/24 15:11	1
Carbon disulfide	ND		5.0	ug/L			12/11/24 15:11	1
Carbon tetrachloride	ND		2.0	ug/L			12/11/24 15:11	1
Chlorobenzene	ND		10	ug/L			12/11/24 15:11	1
Chloroethane	ND		2.0	ug/L			12/11/24 15:11	1
Chloroform	ND		2.0	ug/L			12/11/24 15:11	1
Chloromethane	ND		10	ug/L			12/11/24 15:11	1
cis-1,2-Dichloroethene	ND		2.0	ug/L			12/11/24 15:11	1
cis-1,3-Dichloropropene	ND		2.0	ug/L			12/11/24 15:11	1
Dibromochloromethane	ND		10	ug/L			12/11/24 15:11	1
Dibromomethane	ND		10	ug/L			12/11/24 15:11	1
Ethylbenzene	ND		2.0	ug/L			12/11/24 15:11	1
Iodomethane	ND		100	ug/L			12/11/24 15:11	1
Methylene Chloride	ND		5.0	ug/L			12/11/24 15:11	1
Styrene	ND		10	ug/L			12/11/24 15:11	1
Tetrachloroethene	ND		2.0	ug/L			12/11/24 15:11	1
Toluene	ND		2.0	ug/L			12/11/24 15:11	1

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: MB 705-26269/8

Matrix: Water

Analysis Batch: 26269

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	ug/L			12/11/24 15:11	1
trans-1,3-Dichloropropene	ND		2.0	ug/L			12/11/24 15:11	1
trans-1,4-Dichloro-2-butene	ND		100	ug/L			12/11/24 15:11	1
Trichloroethene	ND		2.0	ug/L			12/11/24 15:11	1
Trichlorofluoromethane	ND		10	ug/L			12/11/24 15:11	1
Vinyl acetate	ND		100	ug/L			12/11/24 15:11	1
Vinyl chloride	ND		2.0	ug/L			12/11/24 15:11	1
Xylenes, Total	ND		5.0	ug/L			12/11/24 15:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 126		12/11/24 15:11	1
Dibromofluoromethane (Surr)	100		77 - 121		12/11/24 15:11	1
Toluene-d8 (Surr)	99		79 - 119		12/11/24 15:11	1

Lab Sample ID: LCS 705-26269/1002

Matrix: Water

Analysis Batch: 26269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	22.5		ug/L		112	76 - 130
1,1,1-Trichloroethane	20.0	22.2		ug/L		111	71 - 124
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		103	73 - 127
1,1,2-Trichloroethane	20.0	20.3		ug/L		101	69 - 127
1,1-Dichloroethane	20.0	22.8		ug/L		114	65 - 126
1,1-Dichloroethene	20.0	21.7		ug/L		108	69 - 130
1,2,3-Trichloropropane	20.0	19.0		ug/L		95	70 - 127
1,2-Dibromo-3-Chloropropane	20.0	22.3		ug/L		111	64 - 125
1,2-Dibromoethane	20.0	20.3		ug/L		102	68 - 133
1,2-Dichlorobenzene	20.0	21.8		ug/L		109	69 - 127
1,2-Dichloroethane	20.0	21.7		ug/L		109	72 - 127
1,2-Dichloropropane	20.0	22.6		ug/L		113	71 - 121
1,4-Dichlorobenzene	20.0	20.9		ug/L		105	68 - 126
2-Butanone	40.0	40.8	J	ug/L		102	74 - 131
2-Hexanone	40.0	38.5	J	ug/L		96	70 - 130
4-Methyl-2-pentanone	40.0	39.0	J	ug/L		97	76 - 122
Acetone	40.0	45.3	J	ug/L		113	62 - 136
Acrylonitrile	20.0	23.0	J	ug/L		115	62 - 141
Benzene	20.0	22.0		ug/L		110	76 - 122
Bromochloromethane	20.0	23.1		ug/L		115	76 - 120
Bromodichloromethane	20.0	21.7		ug/L		109	70 - 124
Bromoform	20.0	20.2		ug/L		101	65 - 129
Bromomethane	20.0	20.8		ug/L		104	60 - 138
Carbon disulfide	40.0	45.6		ug/L		114	71 - 122
Carbon tetrachloride	20.0	23.2		ug/L		116	72 - 133
Chlorobenzene	20.0	21.2		ug/L		106	75 - 121
Chloroethane	20.0	22.5		ug/L		112	55 - 138
Chloroform	20.0	21.9		ug/L		110	72 - 121
Chloromethane	20.0	19.5		ug/L		98	57 - 129

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: LCS 705-26269/1002

Matrix: Water

Analysis Batch: 26269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	20.0	22.7		ug/L		113	76 - 121
cis-1,3-Dichloropropene	20.0	21.4		ug/L		107	70 - 129
Dibromochloromethane	20.0	20.5		ug/L		103	70 - 131
Dibromomethane	20.0	22.3		ug/L		111	70 - 131
Ethylbenzene	20.0	21.9		ug/L		109	75 - 127
Iodomethane	40.0	45.1	J	ug/L		113	50 - 150
Methylene Chloride	20.0	22.5		ug/L		112	68 - 131
Styrene	20.0	21.7		ug/L		108	71 - 129
Tetrachloroethene	20.0	22.2		ug/L		111	74 - 129
Toluene	20.0	21.9		ug/L		109	74 - 124
trans-1,2-Dichloroethene	20.0	23.6		ug/L		118	74 - 124
trans-1,3-Dichloropropene	20.0	21.5		ug/L		107	59 - 135
trans-1,4-Dichloro-2-butene	40.0	28.0	J	ug/L		70	50 - 150
Trichloroethene	20.0	22.5		ug/L		112	72 - 129
Trichlorofluoromethane	20.0	21.6		ug/L		108	63 - 142
Vinyl acetate	40.0	41.0	J	ug/L		103	50 - 150
Vinyl chloride	20.0	20.7		ug/L		103	65 - 132
Xylenes, Total	60.0	66.3		ug/L		111	75 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		70 - 126
Dibromofluoromethane (Surr)	106		77 - 121
Toluene-d8 (Surr)	102		79 - 119

Lab Sample ID: MRL 705-26269/4

Matrix: Water

Analysis Batch: 26269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	5.00	6.37		ug/L		127	50 - 150
1,1,1-Trichloroethane	5.00	6.50		ug/L		130	50 - 150
1,1,2,2-Tetrachloroethane	5.00	5.92		ug/L		118	50 - 150
1,1,2-Trichloroethane	5.00	5.28		ug/L		106	50 - 150
1,1-Dichloroethane	5.00	6.83		ug/L		137	50 - 150
1,1-Dichloroethene	5.00	6.91		ug/L		138	50 - 150
1,2,3-Trichloropropane	5.00	4.90	J	ug/L		98	50 - 150
1,2-Dibromo-3-Chloropropane	5.00	6.17		ug/L		123	50 - 150
1,2-Dibromoethane	5.00	5.50		ug/L		110	50 - 150
1,2-Dichlorobenzene	5.00	5.84		ug/L		117	50 - 150
1,2-Dichloroethane	5.00	6.07		ug/L		121	50 - 150
1,2-Dichloropropane	5.00	5.95		ug/L		119	50 - 150
1,4-Dichlorobenzene	5.00	5.90		ug/L		118	50 - 150
2-Butanone	10.0	8.60	J	ug/L		86	50 - 150
2-Hexanone	10.0	8.57	J	ug/L		86	50 - 150
4-Methyl-2-pentanone	10.0	9.08	J	ug/L		91	50 - 150
Acetone	10.0	10.7	J	ug/L		107	50 - 150
Acrylonitrile	5.00	7.37		ug/L		147	50 - 150
Benzene	5.00	6.15		ug/L		123	50 - 150

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: MRL 705-26269/4

Matrix: Water

Analysis Batch: 26269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	5.00	6.56		ug/L		131	50 - 150
Bromodichloromethane	5.00	5.56		ug/L		111	50 - 150
Bromoform	5.00	4.99	J	ug/L		100	50 - 150
Bromomethane	5.00	7.47		ug/L		149	50 - 150
Carbon disulfide	10.0	13.7		ug/L		137	50 - 150
Carbon tetrachloride	5.00	6.71		ug/L		134	50 - 150
Chlorobenzene	5.00	6.36		ug/L		127	50 - 150
Chloroethane	5.00	7.84	J ^3+	ug/L		157	50 - 150
Chloroform	5.00	6.48		ug/L		130	50 - 150
Chloromethane	5.00	7.07	J	ug/L		141	50 - 150
cis-1,2-Dichloroethene	5.00	6.52		ug/L		130	50 - 150
cis-1,3-Dichloropropene	5.00	5.17		ug/L		103	50 - 150
Dibromochloromethane	5.00	5.26		ug/L		105	50 - 150
Dibromomethane	5.00	5.84		ug/L		117	50 - 150
Ethylbenzene	5.00	5.83		ug/L		117	50 - 150
Iodomethane	10.0	13.2		ug/L		132	50 - 150
Methylene Chloride	5.00	6.75		ug/L		135	50 - 150
Styrene	5.00	5.63		ug/L		113	50 - 150
Tetrachloroethene	5.00	6.60		ug/L		132	50 - 150
Toluene	5.00	5.77		ug/L		115	50 - 150
trans-1,2-Dichloroethene	5.00	6.19		ug/L		124	50 - 150
trans-1,3-Dichloropropene	5.00	4.81	J	ug/L		96	50 - 150
trans-1,4-Dichloro-2-butene	10.0	9.27	J	ug/L		93	50 - 150
Trichloroethene	5.00	6.41		ug/L		128	50 - 150
Trichlorofluoromethane	5.00	8.11	^3+	ug/L		162	50 - 150
Vinyl acetate	10.0	9.41	J	ug/L		94	50 - 150
Vinyl chloride	5.00	7.76	^3+	ug/L		155	50 - 150
Xylenes, Total	15.0	18.0		ug/L		120	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene	100		70 - 126
Dibromofluoromethane (Surr)	108		77 - 121
Toluene-d8 (Surr)	98		79 - 119

Lab Sample ID: MRL 705-26269/5

Matrix: Water

Analysis Batch: 26269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	1.00	1.04	J	ug/L		104	50 - 150
1,1,1-Trichloroethane	1.00	1.14	J	ug/L		114	50 - 150
1,1,2,2-Tetrachloroethane	1.00	1.23	J	ug/L		123	50 - 150
1,1,2-Trichloroethane	1.00	1.02	J	ug/L		102	50 - 150
1,1-Dichloroethane	1.00	1.07	J	ug/L		107	50 - 150
1,1-Dichloroethene	1.00	1.09	J	ug/L		109	50 - 150
1,2,3-Trichloropropane	1.00	0.952	J	ug/L		95	50 - 150
1,2-Dibromo-3-Chloropropane	1.00	1.18	J	ug/L		118	50 - 150
1,2-Dibromoethane	1.00	1.18	J	ug/L		118	50 - 150

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: MRL 705-26269/5

Matrix: Water

Analysis Batch: 26269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	1.00	1.13	J	ug/L		113	50 - 150
1,2-Dichloroethane	1.00	1.09	J	ug/L		109	50 - 150
1,2-Dichloropropane	1.00	1.03	J	ug/L		103	50 - 150
1,4-Dichlorobenzene	1.00	1.25	J	ug/L		125	50 - 150
2-Butanone	2.00	ND	^3-	ug/L		0	50 - 150
2-Hexanone	2.00	ND	^3-	ug/L		0	50 - 150
4-Methyl-2-pentanone	2.00	ND	^3-	ug/L		0	50 - 150
Acetone	2.00	ND	^3-	ug/L		0	50 - 150
Benzene	1.00	0.993	J	ug/L		99	50 - 150
Bromochloromethane	1.00	0.942	J	ug/L		94	50 - 150
Bromodichloromethane	1.00	1.17	J	ug/L		117	50 - 150
Bromoform	1.00	0.904	J	ug/L		90	50 - 150
Bromomethane	1.00	1.40	J	ug/L		140	50 - 150
Carbon disulfide	2.00	2.04	J	ug/L		102	50 - 150
Carbon tetrachloride	1.00	1.07	J	ug/L		107	50 - 150
Chlorobenzene	1.00	1.14	J	ug/L		114	50 - 150
Chloroethane	1.00	1.26	J	ug/L		126	50 - 150
Chloroform	1.00	1.23	J	ug/L		123	50 - 150
Chloromethane	1.00	1.11	J	ug/L		111	50 - 150
cis-1,2-Dichloroethene	1.00	0.956	J	ug/L		96	50 - 150
cis-1,3-Dichloropropene	1.00	0.826	J	ug/L		83	50 - 150
Dibromochloromethane	1.00	0.981	J	ug/L		98	50 - 150
Dibromomethane	1.00	0.942	J	ug/L		94	50 - 150
Ethylbenzene	1.00	0.996	J	ug/L		100	50 - 150
Iodomethane	2.00	1.93	J	ug/L		96	50 - 150
Methylene Chloride	1.00	ND		ug/L		125	50 - 150
Styrene	1.00	0.804	J	ug/L		80	50 - 150
Tetrachloroethene	1.00	1.13	J	ug/L		113	50 - 150
Toluene	1.00	1.09	J	ug/L		109	50 - 150
trans-1,2-Dichloroethene	1.00	0.960	J	ug/L		96	50 - 150
trans-1,3-Dichloropropene	1.00	0.870	J	ug/L		87	50 - 150
trans-1,4-Dichloro-2-butene	2.00	ND	^3+	ug/L		187	50 - 150
Trichloroethene	1.00	1.07	J	ug/L		107	50 - 150
Trichlorofluoromethane	1.00	1.17	J	ug/L		117	50 - 150
Vinyl acetate	2.00	ND		ug/L		88	50 - 150
Vinyl chloride	1.00	1.07	J	ug/L		107	50 - 150
Xylenes, Total	3.00	2.77	J	ug/L		92	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene	99		70 - 126
Dibromofluoromethane (Surr)	104		77 - 121
Toluene-d8 (Surr)	99		79 - 119

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: 705-14560-18 MS

Matrix: Water

Analysis Batch: 26269

Client Sample ID: GWC-12

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		20.0	22.3		ug/L		111	69 - 133
1,1,1-Trichloroethane	ND		20.0	24.7		ug/L		124	69 - 135
1,1,2,2-Tetrachloroethane	ND		20.0	21.7		ug/L		109	68 - 132
1,1,2-Trichloroethane	ND		20.0	20.8		ug/L		104	71 - 133
1,1-Dichloroethane	ND		20.0	24.5		ug/L		122	70 - 133
1,1-Dichloroethene	ND		20.0	23.6		ug/L		118	69 - 139
1,2,3-Trichloropropane	ND		20.0	19.0		ug/L		95	66 - 132
1,2-Dibromo-3-Chloropropane	ND		20.0	20.8		ug/L		104	62 - 127
1,2-Dibromoethane	ND		20.0	21.0		ug/L		105	76 - 129
1,2-Dichlorobenzene	ND		20.0	20.9		ug/L		104	76 - 125
1,2-Dichloroethane	ND		20.0	22.7		ug/L		113	70 - 133
1,2-Dichloropropane	ND		20.0	22.1		ug/L		110	69 - 132
1,4-Dichlorobenzene	ND		20.0	20.3		ug/L		102	76 - 124
2-Butanone	ND		40.0	ND		ug/L		105	50 - 150
2-Hexanone	ND		40.0	ND		ug/L		98	50 - 150
4-Methyl-2-pentanone	ND		40.0	ND		ug/L		99	50 - 150
Acetone	ND		40.0	ND		ug/L		121	50 - 150
Acrylonitrile	ND		20.0	ND		ug/L		107	50 - 150
Benzene	ND		20.0	23.3		ug/L		116	71 - 133
Bromochloromethane	ND		20.0	22.6		ug/L		113	70 - 133
Bromodichloromethane	ND		20.0	21.8		ug/L		109	68 - 133
Bromoform	ND		20.0	19.6		ug/L		98	58 - 130
Bromomethane	ND		20.0	23.1		ug/L		116	50 - 150
Carbon disulfide	ND		40.0	52.3		ug/L		131	50 - 150
Carbon tetrachloride	ND		20.0	24.5		ug/L		123	70 - 139
Chlorobenzene	ND		20.0	22.6		ug/L		113	78 - 128
Chloroethane	ND		20.0	25.5		ug/L		127	50 - 150
Chloroform	ND		20.0	23.4		ug/L		117	68 - 132
Chloromethane	ND		20.0	22.9		ug/L		115	50 - 150
cis-1,2-Dichloroethene	ND		20.0	24.6		ug/L		123	72 - 133
cis-1,3-Dichloropropene	ND		20.0	20.2		ug/L		101	70 - 128
Dibromochloromethane	ND		20.0	20.4		ug/L		102	68 - 130
Dibromomethane	ND		20.0	21.0		ug/L		105	72 - 130
Ethylbenzene	ND		20.0	22.6		ug/L		113	75 - 131
Iodomethane	ND		40.0	ND		ug/L		119	50 - 150
Methylene Chloride	ND		20.0	23.4		ug/L		117	66 - 132
Styrene	ND		20.0	23.2		ug/L		116	73 - 133
Tetrachloroethene	ND		20.0	23.0		ug/L		115	74 - 135
Toluene	ND		20.0	22.1		ug/L		110	72 - 134
trans-1,2-Dichloroethene	ND		20.0	24.7		ug/L		124	71 - 132
trans-1,3-Dichloropropene	ND		20.0	20.0		ug/L		100	60 - 125
trans-1,4-Dichloro-2-butene	ND		40.0	ND		ug/L		74	50 - 150
Trichloroethene	ND		20.0	23.5		ug/L		117	77 - 136
Trichlorofluoromethane	ND	F1	20.0	26.7	F1	ug/L		134	69 - 133
Vinyl acetate	ND		40.0	ND		ug/L		104	50 - 150
Vinyl chloride	ND		20.0	25.1		ug/L		125	66 - 138
Xylenes, Total	ND		60.0	68.9		ug/L		115	74 - 131

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: 705-14560-18 MS

Matrix: Water

Analysis Batch: 26269

Client Sample ID: GWC-12

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	103		70 - 126
Dibromofluoromethane (Surr)	107		77 - 121
Toluene-d8 (Surr)	103		79 - 119

Lab Sample ID: 705-14560-18 MSD

Matrix: Water

Analysis Batch: 26269

Client Sample ID: GWC-12

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		20.0	22.2		ug/L		111	69 - 133	0	18
1,1,1-Trichloroethane	ND		20.0	23.3		ug/L		117	69 - 135	6	20
1,1,2,2-Tetrachloroethane	ND		20.0	22.3		ug/L		111	68 - 132	2	19
1,1,2-Trichloroethane	ND		20.0	21.8		ug/L		109	71 - 133	5	20
1,1-Dichloroethane	ND		20.0	23.0		ug/L		115	70 - 133	6	22
1,1-Dichloroethene	ND		20.0	22.9		ug/L		115	69 - 139	3	56
1,2,3-Trichloropropane	ND		20.0	20.6		ug/L		103	66 - 132	8	39
1,2-Dibromo-3-Chloropropane	ND		20.0	22.4		ug/L		112	62 - 127	8	20
1,2-Dibromoethane	ND		20.0	22.1		ug/L		110	76 - 129	5	20
1,2-Dichlorobenzene	ND		20.0	21.6		ug/L		108	76 - 125	3	20
1,2-Dichloroethane	ND		20.0	22.0		ug/L		110	70 - 133	3	41
1,2-Dichloropropane	ND		20.0	22.7		ug/L		113	69 - 132	3	20
1,4-Dichlorobenzene	ND		20.0	21.6		ug/L		108	76 - 124	6	20
2-Butanone	ND		40.0	ND		ug/L		109	50 - 150	3	20
2-Hexanone	ND		40.0	ND		ug/L		108	50 - 150	10	50
4-Methyl-2-pentanone	ND		40.0	ND		ug/L		105	50 - 150	6	50
Acetone	ND		40.0	ND		ug/L		134	50 - 150	10	50
Acrylonitrile	ND		20.0	ND		ug/L		117	50 - 150	9	100
Benzene	ND		20.0	22.6		ug/L		113	71 - 133	3	42
Bromochloromethane	ND		20.0	22.8		ug/L		114	70 - 133	1	20
Bromodichloromethane	ND		20.0	22.4		ug/L		112	68 - 133	3	20
Bromoform	ND		20.0	21.0		ug/L		105	58 - 130	7	20
Bromomethane	ND		20.0	22.4		ug/L		112	50 - 150	3	100
Carbon disulfide	ND		40.0	48.0		ug/L		120	50 - 150	9	50
Carbon tetrachloride	ND		20.0	23.4		ug/L		117	70 - 139	4	22
Chlorobenzene	ND		20.0	22.2		ug/L		111	78 - 128	2	50
Chloroethane	ND		20.0	24.2		ug/L		121	50 - 150	5	100
Chloroform	ND		20.0	22.4		ug/L		112	68 - 132	4	20
Chloromethane	ND		20.0	22.9		ug/L		114	50 - 150	0	100
cis-1,2-Dichloroethene	ND		20.0	23.8		ug/L		119	72 - 133	3	14
cis-1,3-Dichloropropene	ND		20.0	20.8		ug/L		104	70 - 128	3	14
Dibromochloromethane	ND		20.0	20.9		ug/L		105	68 - 130	3	20
Dibromomethane	ND		20.0	21.4		ug/L		107	72 - 130	2	20
Ethylbenzene	ND		20.0	22.3		ug/L		111	75 - 131	1	28
Iodomethane	ND		40.0	ND		ug/L		113	50 - 150	5	50
Methylene Chloride	ND		20.0	22.3		ug/L		111	66 - 132	5	20
Styrene	ND		20.0	23.5		ug/L		118	73 - 133	2	20
Tetrachloroethene	ND		20.0	22.7		ug/L		113	74 - 135	2	20
Toluene	ND		20.0	22.0		ug/L		110	72 - 134	0	42

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

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

Lab Sample ID: 705-14560-18 MSD

Matrix: Water

Analysis Batch: 26269

Client Sample ID: GWC-12

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	ND		20.0	23.7		ug/L		118	71 - 132	4	20
trans-1,3-Dichloropropene	ND		20.0	22.0		ug/L		110	60 - 125	9	20
trans-1,4-Dichloro-2-butene	ND		40.0	ND		ug/L		84	50 - 150	13	50
Trichloroethene	ND		20.0	22.9		ug/L		114	77 - 136	3	51
Trichlorofluoromethane	ND	F1	20.0	25.3		ug/L		127	69 - 133	5	23
Vinyl acetate	ND		40.0	ND		ug/L		111	50 - 150	7	50
Vinyl chloride	ND		20.0	25.0		ug/L		125	66 - 138	0	23
Xylenes, Total	ND		60.0	68.6		ug/L		114	74 - 131	0	28
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene	104		70 - 126								
Dibromofluoromethane (Surr)	106		77 - 121								
Toluene-d8 (Surr)	105		79 - 119								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-25981/32

Matrix: Water

Analysis Batch: 25981

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	mg/L			12/10/24 18:35	1

Lab Sample ID: LCS 705-25981/33

Matrix: Water

Analysis Batch: 25981

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	10.0	10.3		mg/L		103	90 - 110	

Lab Sample ID: 705-14560-34 MS

Matrix: Water

Analysis Batch: 25981

Client Sample ID: SWC-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Chloride	4.8		10.0	14.4		mg/L		96	90 - 110	

Lab Sample ID: 705-14560-34 MSD

Matrix: Water

Analysis Batch: 25981

Client Sample ID: SWC-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.8		10.0	13.9		mg/L		91	90 - 110	4	20

Lab Sample ID: MB 705-26323/65

Matrix: Water

Analysis Batch: 26323

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	mg/L			12/12/24 03:19	1

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 705-26323/66

Matrix: Water

Analysis Batch: 26323

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.5		mg/L		105	90 - 110

Lab Sample ID: 705-14547-H-25 MS

Matrix: Water

Analysis Batch: 26323

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6.9	F1	10.0	15.8	F1	mg/L		89	90 - 110

Lab Sample ID: 705-14547-H-25 MSD

Matrix: Water

Analysis Batch: 26323

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6.9	F1	10.0	15.9		mg/L		90	90 - 110	1	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-25933/1-A

Matrix: Water

Analysis Batch: 26200

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25933

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	mg/L		12/10/24 09:50	12/10/24 15:59	1
Barium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 15:59	1
Cadmium	ND		0.0050	mg/L		12/10/24 09:50	12/10/24 15:59	1
Chromium	ND		0.010	mg/L		12/10/24 09:50	12/10/24 15:59	1
Lead	ND		0.010	mg/L		12/10/24 09:50	12/10/24 15:59	1
Nickel	ND		0.020	mg/L		12/10/24 09:50	12/10/24 15:59	1
Selenium	ND		0.020	mg/L		12/10/24 09:50	12/10/24 15:59	1
Silver	ND		0.010	mg/L		12/10/24 09:50	12/10/24 15:59	1
Zinc	ND		0.020	mg/L		12/10/24 09:50	12/10/24 15:59	1

Lab Sample ID: LCS 705-25933/2-A

Matrix: Water

Analysis Batch: 26200

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25933

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.00	0.974		mg/L		97	80 - 120
Barium	1.00	1.00		mg/L		100	80 - 120
Cadmium	1.00	0.997		mg/L		100	80 - 120
Chromium	1.00	0.992		mg/L		99	80 - 120
Lead	1.00	0.975		mg/L		97	80 - 120
Nickel	1.00	0.989		mg/L		99	80 - 120
Selenium	1.00	0.898		mg/L		90	80 - 120
Silver	0.100	0.0974		mg/L		97	80 - 120
Zinc	1.00	0.986		mg/L		99	80 - 120

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-14560-34 MS
Matrix: Water
Analysis Batch: 26200

Client Sample ID: SWC-6
Prep Type: Total/NA
Prep Batch: 25933

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		1.00	0.953		mg/L		95	75 - 125
Barium	0.025		1.00	0.997		mg/L		97	75 - 125
Cadmium	ND		1.00	0.972		mg/L		97	75 - 125
Chromium	ND		1.00	0.964		mg/L		96	75 - 125
Lead	ND		1.00	0.942		mg/L		94	75 - 125
Nickel	ND		1.00	0.906		mg/L		89	75 - 125
Selenium	ND		1.00	0.879		mg/L		88	75 - 125
Silver	ND		0.100	0.0953		mg/L		95	75 - 125
Zinc	ND		1.00	0.955		mg/L		96	75 - 125

Lab Sample ID: 705-14560-34 MSD
Matrix: Water
Analysis Batch: 26200

Client Sample ID: SWC-6
Prep Type: Total/NA
Prep Batch: 25933

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		1.00	0.999		mg/L		100	75 - 125	5	20
Barium	0.025		1.00	1.04		mg/L		102	75 - 125	5	20
Cadmium	ND		1.00	1.02		mg/L		102	75 - 125	5	20
Chromium	ND		1.00	1.01		mg/L		101	75 - 125	5	20
Lead	ND		1.00	0.984		mg/L		98	75 - 125	4	20
Nickel	ND		1.00	0.949		mg/L		94	75 - 125	5	20
Selenium	ND		1.00	0.926		mg/L		93	75 - 125	5	20
Silver	ND		0.100	0.0996		mg/L		100	75 - 125	4	20
Zinc	ND		1.00	0.995		mg/L		99	75 - 125	4	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-25821/1-A
Matrix: Water
Analysis Batch: 26180

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 25821

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 18:30	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:30	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:30	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 18:30	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 18:30	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:30	1
Cobalt	ND		0.040	mg/L		12/10/24 07:52	12/10/24 18:30	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:30	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 18:30	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:30	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:30	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 18:30	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 18:30	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:30	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 18:30	1

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-25821/2-A
Matrix: Water
Analysis Batch: 26180

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 25821

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0956		mg/L		96	80 - 120
Arsenic	0.100	0.0902		mg/L		90	80 - 120
Barium	0.100	0.0996		mg/L		100	80 - 120
Beryllium	0.100	0.0940		mg/L		94	80 - 120
Cadmium	0.100	0.0843		mg/L		84	80 - 120
Chromium	0.100	0.116		mg/L		116	80 - 120
Copper	0.100	0.0887		mg/L		89	80 - 120
Lead	0.100	0.110		mg/L		110	80 - 120
Nickel	0.100	0.0873		mg/L		87	80 - 120
Selenium	0.100	0.0853		mg/L		85	80 - 120
Silver	0.0100	0.0107		mg/L		107	80 - 120
Thallium	0.100	0.110		mg/L		110	80 - 120
Vanadium	0.100	0.114		mg/L		114	80 - 120
Zinc	0.100	0.0908		mg/L		91	80 - 120

Lab Sample ID: LCS 705-25821/2-A
Matrix: Water
Analysis Batch: 26452

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 25821

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	0.100	0.0951		mg/L		95	80 - 120

Lab Sample ID: 705-14560-2 MS
Matrix: Water
Analysis Batch: 26180

Client Sample ID: GWC-14A
Prep Type: Total Recoverable
Prep Batch: 25821

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND		0.100	0.0958		mg/L		96	75 - 125
Arsenic	ND		0.100	0.0914		mg/L		91	75 - 125
Barium	0.17		0.100	0.257		mg/L		91	75 - 125
Beryllium	ND		0.100	0.0918		mg/L		91	75 - 125
Cadmium	ND		0.100	0.0864		mg/L		86	75 - 125
Chromium	ND		0.100	0.113		mg/L		113	75 - 125
Cobalt	0.19	*+	0.100	0.293		mg/L		106	75 - 125
Copper	ND		0.100	0.0891		mg/L		88	75 - 125
Lead	ND		0.100	0.108		mg/L		108	75 - 125
Nickel	ND		0.100	0.0986		mg/L		85	75 - 125
Selenium	ND		0.100	0.0838		mg/L		84	75 - 125
Silver	ND		0.0100	0.0107		mg/L		107	75 - 125
Thallium	ND		0.100	0.109		mg/L		109	75 - 125
Vanadium	ND		0.100	0.112		mg/L		112	75 - 125
Zinc	0.023		0.100	0.109		mg/L		86	75 - 125

Lab Sample ID: 705-14560-2 MSD
Matrix: Water
Analysis Batch: 26180

Client Sample ID: GWC-14A
Prep Type: Total Recoverable
Prep Batch: 25821

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND		0.100	0.0959		mg/L		96	75 - 125	0	20

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-14560-2 MSD
Matrix: Water
Analysis Batch: 26180

Client Sample ID: GWC-14A
Prep Type: Total Recoverable
Prep Batch: 25821

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		0.100	0.0890		mg/L		89	75 - 125	3	20
Barium	0.17		0.100	0.260		mg/L		94	75 - 125	1	20
Beryllium	ND		0.100	0.0922		mg/L		92	75 - 125	0	20
Cadmium	ND		0.100	0.0844		mg/L		84	75 - 125	2	20
Chromium	ND		0.100	0.113		mg/L		113	75 - 125	0	20
Cobalt	0.19	*+	0.100	0.299		mg/L		112	75 - 125	2	20
Copper	ND		0.100	0.0893		mg/L		88	75 - 125	0	20
Lead	ND		0.100	0.107		mg/L		107	75 - 125	0	20
Nickel	ND		0.100	0.0984		mg/L		85	75 - 125	0	20
Selenium	ND		0.100	0.0862		mg/L		86	75 - 125	3	20
Silver	ND		0.0100	0.0105		mg/L		105	75 - 125	2	20
Thallium	ND		0.100	0.109		mg/L		109	75 - 125	0	20
Vanadium	ND		0.100	0.113		mg/L		113	75 - 125	1	20
Zinc	0.023		0.100	0.110		mg/L		87	75 - 125	0	20

Lab Sample ID: MB 705-25827/1-A
Matrix: Water
Analysis Batch: 26181

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 25827

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0060	mg/L		12/10/24 07:52	12/10/24 20:01	1
Arsenic	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:01	1
Barium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:01	1
Beryllium	ND		0.0030	mg/L		12/10/24 07:52	12/10/24 20:01	1
Cadmium	ND		0.0050	mg/L		12/10/24 07:52	12/10/24 20:01	1
Chromium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:01	1
Cobalt	ND	^+	0.040	mg/L		12/10/24 07:52	12/10/24 20:01	1
Copper	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:01	1
Lead	ND		0.015	mg/L		12/10/24 07:52	12/10/24 20:01	1
Nickel	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:01	1
Selenium	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:01	1
Silver	ND		0.010	mg/L		12/10/24 07:52	12/10/24 20:01	1
Thallium	ND		0.0020	mg/L		12/10/24 07:52	12/10/24 20:01	1
Vanadium	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:01	1
Zinc	ND		0.020	mg/L		12/10/24 07:52	12/10/24 20:01	1

Lab Sample ID: LCS 705-25827/2-A
Matrix: Water
Analysis Batch: 26181

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 25827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0948		mg/L		95	80 - 120
Arsenic	0.100	0.0874		mg/L		87	80 - 120
Barium	0.100	0.0946		mg/L		95	80 - 120
Beryllium	0.100	0.0916		mg/L		92	80 - 120
Cadmium	0.100	0.0858		mg/L		86	80 - 120
Chromium	0.100	0.115		mg/L		115	80 - 120
Cobalt	0.100	0.118	^+	mg/L		118	80 - 120
Copper	0.100	0.0861		mg/L		86	80 - 120

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-25827/2-A

Matrix: Water

Analysis Batch: 26181

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 25827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.100	0.110		mg/L		110	80 - 120
Nickel	0.100	0.0839		mg/L		84	80 - 120
Selenium	0.100	0.0865		mg/L		87	80 - 120
Silver	0.0100	0.0106		mg/L		106	80 - 120
Thallium	0.100	0.110		mg/L		110	80 - 120
Vanadium	0.100	0.113		mg/L		113	80 - 120
Zinc	0.100	0.0889		mg/L		89	80 - 120

Lab Sample ID: 705-14560-50 MS

Matrix: Water

Analysis Batch: 26181

Client Sample ID: GWC-5

Prep Type: Total Recoverable

Prep Batch: 25827

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND		0.100	0.0887		mg/L		89	75 - 125
Arsenic	ND		0.100	0.0808		mg/L		81	75 - 125
Barium	ND		0.100	0.101		mg/L		89	75 - 125
Beryllium	ND		0.100	0.0916		mg/L		92	75 - 125
Cadmium	ND		0.100	0.0853		mg/L		85	75 - 125
Chromium	ND		0.100	0.109		mg/L		109	75 - 125
Cobalt	ND	^+	0.100	0.113	^+	mg/L		113	75 - 125
Copper	ND		0.100	0.0825		mg/L		82	75 - 125
Lead	ND		0.100	0.104		mg/L		104	75 - 125
Nickel	ND		0.100	0.0797		mg/L		79	75 - 125
Selenium	ND		0.100	0.0840		mg/L		84	75 - 125
Silver	ND		0.0100	0.0101		mg/L		101	75 - 125
Thallium	ND		0.100	0.104		mg/L		104	75 - 125
Vanadium	ND		0.100	0.107		mg/L		107	75 - 125
Zinc	ND		0.100	0.0895		mg/L		89	75 - 125

Lab Sample ID: 705-14560-50 MSD

Matrix: Water

Analysis Batch: 26181

Client Sample ID: GWC-5

Prep Type: Total Recoverable

Prep Batch: 25827

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Antimony	ND		0.100	0.0939		mg/L		94	75 - 125	6	20
Arsenic	ND		0.100	0.0877		mg/L		88	75 - 125	8	20
Barium	ND		0.100	0.108		mg/L		96	75 - 125	7	20
Beryllium	ND		0.100	0.0922		mg/L		92	75 - 125	1	20
Cadmium	ND		0.100	0.0846		mg/L		85	75 - 125	1	20
Chromium	ND		0.100	0.114		mg/L		114	75 - 125	5	20
Cobalt	ND	^+	0.100	0.119		mg/L		118	75 - 125	5	20
Copper	ND		0.100	0.0868		mg/L		87	75 - 125	5	20
Lead	ND		0.100	0.109		mg/L		109	75 - 125	5	20
Nickel	ND		0.100	0.0841		mg/L		84	75 - 125	5	20
Selenium	ND		0.100	0.0830		mg/L		83	75 - 125	1	20
Silver	ND		0.0100	0.0107		mg/L		107	75 - 125	6	20
Thallium	ND		0.100	0.110		mg/L		110	75 - 125	5	20
Vanadium	ND		0.100	0.112		mg/L		112	75 - 125	5	20
Zinc	ND		0.100	0.0939		mg/L		94	75 - 125	5	20

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-25797/1-A
Matrix: Water
Analysis Batch: 25885

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25797

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00050	mg/L		12/09/24 11:38	12/09/24 15:18	1

Lab Sample ID: LCS 705-25797/2-A
Matrix: Water
Analysis Batch: 25885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00420		mg/L		105	80 - 120

Lab Sample ID: 705-14415-C-1-B MS
Matrix: Water
Analysis Batch: 25885

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 25797

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00400	0.00382		mg/L		96	75 - 125

Lab Sample ID: 705-14415-C-1-C MSD
Matrix: Water
Analysis Batch: 25885

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 25797

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00400	0.00390		mg/L		98	75 - 125	2	20

Method: 410.4 - COD

Lab Sample ID: MB 705-25861/1
Matrix: Water
Analysis Batch: 25861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	ND		10	mg/L			12/09/24 16:04	1

Lab Sample ID: LCS 705-25861/2
Matrix: Water
Analysis Batch: 25861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	500	532		mg/L		106	90 - 110

Lab Sample ID: 705-14560-43 MS
Matrix: Water
Analysis Batch: 25861

Client Sample ID: SWC-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	ND		376	389		mg/L		103	90 - 110

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Method: 410.4 - COD (Continued)

Lab Sample ID: 705-14560-43 MSD

Matrix: Water

Analysis Batch: 25861

Client Sample ID: SWC-9

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chemical Oxygen Demand	ND		376	398		mg/L		106	90 - 110	2	30

Method: 4500 CN E-2016 - Cyanide, Total

Lab Sample ID: MB 705-25727/1-A

Matrix: Water

Analysis Batch: 26105

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25727

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.0050	mg/L		12/09/24 08:32	12/10/24 16:24	1

Lab Sample ID: LCS 705-25727/2-A

Matrix: Water

Analysis Batch: 26105

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25727

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.0960		mg/L		96	85 - 115

Lab Sample ID: 705-14560-35 MS

Matrix: Water

Analysis Batch: 26105

Client Sample ID: SWA-2

Prep Type: Total/NA

Prep Batch: 25727

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND	F1 F2	0.100	0.0130	F1	mg/L		13	76 - 120

Lab Sample ID: 705-14560-35 MSD

Matrix: Water

Analysis Batch: 26105

Client Sample ID: SWA-2

Prep Type: Total/NA

Prep Batch: 25727

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND	F1 F2	0.100	0.0240	F1 F2	mg/L		24	76 - 120	59	20

Method: 5310B - 2014 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 705-25936/8

Matrix: Water

Analysis Batch: 25936

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	ND		1.0	mg/L			12/09/24 12:10	1

Lab Sample ID: LCS 705-25936/5

Matrix: Water

Analysis Batch: 25936

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Duplicates	25.0	25.8		mg/L		103	85 - 115
TOC Result 1	25.0	25.7		mg/L		103	
TOC Result 2	25.0	25.8		mg/L		103	

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QC Sample Results

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Method: 5310B - 2014 - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: MRL 705-25936/7

Matrix: Water

Analysis Batch: 25936

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Duplicates	1.00	1.19		mg/L		119	50 - 150
TOC Result 1	1.00	1.17		mg/L		117	50 - 150
TOC Result 2	1.00	1.21		mg/L		121	50 - 150

Lab Sample ID: 705-14341-A-6 MS

Matrix: Water

Analysis Batch: 25936

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Duplicates	7.7		25.0	34.2		mg/L		106	85 - 115
TOC Result 1	7.7		25.0	33.9		mg/L		105	
TOC Result 2	7.7		25.0	34.5		mg/L		107	

Lab Sample ID: 705-14341-A-6 MSD

Matrix: Water

Analysis Batch: 25936

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon - Duplicates	7.7		25.0	35.3		mg/L		110	85 - 115	3	15
TOC Result 1	7.7		25.0	35.5		mg/L		111		5	
TOC Result 2	7.7		25.0	35.0		mg/L		109		1	

Lab Sample ID: 705-14341-A-20 MS

Matrix: Water

Analysis Batch: 25936

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Duplicates	7.6		25.0	32.7		mg/L		101	85 - 115
TOC Result 1	7.4		25.0	32.7		mg/L		101	
TOC Result 2	7.8		25.0	32.8		mg/L		100	

Lab Sample ID: 705-14341-A-20 MSD

Matrix: Water

Analysis Batch: 25936

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon - Duplicates	7.6		25.0	33.3		mg/L		103	85 - 115	2	15
TOC Result 1	7.4		25.0	33.6		mg/L		105		3	
TOC Result 2	7.8		25.0	33.1		mg/L		101		1	

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: AMW-12R

Date Collected: 12/04/24 11:48

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25656	AV	EET ATL	12/07/24 22:46

Client Sample ID: GWC-14A

Date Collected: 12/04/24 09:15

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 18:35
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26452	IF	EET ATL	12/11/24 17:47

Client Sample ID: GWC-18

Date Collected: 12/04/24 09:24

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 18:46

Client Sample ID: GWC-19R

Date Collected: 12/04/24 09:07

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 18:48

Client Sample ID: GWC-24

Date Collected: 12/04/24 09:38

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 18:51

Client Sample ID: AMW-2

Date Collected: 12/04/24 09:43

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:07

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-3

Date Collected: 12/04/24 14:15

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25656	AV	EET ATL	12/07/24 23:55

Client Sample ID: GWC-2

Date Collected: 12/04/24 15:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25656	AV	EET ATL	12/08/24 00:18

Client Sample ID: GWC-5

Date Collected: 12/04/24 15:30

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25656	AV	EET ATL	12/08/24 00:41

Client Sample ID: GWC-6

Date Collected: 12/04/24 10:40

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25656	AV	EET ATL	12/08/24 01:27

Client Sample ID: GWC-7

Date Collected: 12/04/24 11:30

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25656	AV	EET ATL	12/08/24 01:04

Client Sample ID: GWC-8

Date Collected: 12/04/24 12:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25656	AV	EET ATL	12/08/24 01:50

Client Sample ID: GWC-8A

Date Collected: 12/04/24 10:10

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:10

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Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-9

Date Collected: 12/04/24 12:30

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25656	AV	EET ATL	12/08/24 02:13

Client Sample ID: GWC-10

Date Collected: 12/04/24 13:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25656	AV	EET ATL	12/08/24 03:00

Client Sample ID: GWC-10A

Date Collected: 12/04/24 13:40

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25656	AV	EET ATL	12/08/24 02:37

Client Sample ID: GWC-11

Date Collected: 12/04/24 14:15

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25656	AV	EET ATL	12/08/24 03:24

Client Sample ID: GWC-12

Date Collected: 12/04/24 14:45

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	26269	OM	EET ATL	12/11/24 16:23

Client Sample ID: GWC-12A

Date Collected: 12/04/24 13:06

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	26269	OM	EET ATL	12/11/24 16:47

Client Sample ID: GWC-13

Date Collected: 12/04/24 10:28

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 07:16

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Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWA-1

Date Collected: 12/04/24 09:10

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:12
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26452	IF	EET ATL	12/11/24 18:42

Client Sample ID: PH1-GWA-2

Date Collected: 12/04/24 09:30

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:14

Client Sample ID: PH1-GWA-4

Date Collected: 12/04/24 09:20

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:17

Client Sample ID: PH1-GWC-1

Date Collected: 12/04/24 10:30

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 09:58

Client Sample ID: PH1-GWC-2

Date Collected: 12/04/24 10:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:19

Client Sample ID: PH1-GWC-3

Date Collected: 12/04/24 09:40

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:21

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: PH1-GWC-3A

Date Collected: 12/04/24 09:50

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:24

Client Sample ID: GWC-1

Date Collected: 12/04/24 15:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 07:40

Client Sample ID: GWA-1

Date Collected: 12/04/24 10:15

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 08:03

Client Sample ID: GWA-1A

Date Collected: 12/04/24 13:20

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 08:26

Client Sample ID: GWA-2

Date Collected: 12/04/24 14:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-31

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 08:49

Client Sample ID: PH1-GWA-3A

Date Collected: 12/04/24 16:25

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-32

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 09:12
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:26

Client Sample ID: Field Blank-2

Date Collected: 12/04/24 16:50

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-33

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 09:35

Eurofins Atlanta

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: Field Blank-2

Lab Sample ID: 705-14560-33

Date Collected: 12/04/24 16:50

Matrix: Water

Date Received: 12/05/24 13:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:28

Client Sample ID: SWC-6

Lab Sample ID: 705-14560-34

Date Collected: 12/04/24 16:20

Matrix: Water

Date Received: 12/05/24 13:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 10:22
Total/NA	Analysis	300.0		1	25981	MS	EET ATL	12/10/24 20:57
Total/NA	Prep	3010A			25933	BR	EET ATL	12/10/24 09:50
Total/NA	Analysis	6010D		1	26200	DAB	EET ATL	12/10/24 16:11
Total/NA	Prep	7470A			25797	GR	EET ATL	12/09/24 11:38
Total/NA	Analysis	7470A		1	25885	GR	EET ATL	12/09/24 16:24
Total/NA	Analysis	410.4		1	25861	GD	EET ATL	12/09/24 16:08
Total/NA	Prep	SM 4500 CN C			25727	MB	EET ATL	12/10/24 08:32
Total/NA	Analysis	4500 CN E-2016		1	26105	AD	EET ATL	12/10/24 12:43
Total/NA	Analysis	5310B - 2014		1	25936	AY	EET ATL	12/09/24 15:41

Client Sample ID: SWA-2

Lab Sample ID: 705-14560-35

Date Collected: 12/05/24 10:32

Matrix: Water

Date Received: 12/05/24 13:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	25981	MS	EET ATL	12/10/24 22:45
Total/NA	Prep	3010A			25933	BR	EET ATL	12/10/24 09:50
Total/NA	Analysis	6010D		1	26200	DAB	EET ATL	12/10/24 16:29
Total/NA	Prep	7470A			25797	GR	EET ATL	12/09/24 11:38
Total/NA	Analysis	7470A		1	25885	GR	EET ATL	12/09/24 16:28
Total/NA	Analysis	410.4		1	25861	GD	EET ATL	12/09/24 16:08
Total/NA	Prep	SM 4500 CN C			25727	MB	EET ATL	12/09/24 08:32
Total/NA	Analysis	4500 CN E-2016		1	26105	AD	EET ATL	12/10/24 16:27
Total/NA	Analysis	5310B - 2014		1	25936	AY	EET ATL	12/09/24 16:02

Client Sample ID: SWC-1

Lab Sample ID: 705-14560-36

Date Collected: 12/05/24 09:20

Matrix: Water

Date Received: 12/05/24 13:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 10:45
Total/NA	Analysis	300.0		1	25981	MS	EET ATL	12/10/24 22:56
Total/NA	Prep	3010A			25933	BR	EET ATL	12/10/24 09:50
Total/NA	Analysis	6010D		1	26200	DAB	EET ATL	12/10/24 16:32

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-1

Date Collected: 12/05/24 09:20

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-36

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			25797	GR	EET ATL	12/09/24 11:38
Total/NA	Analysis	7470A		1	25885	GR	EET ATL	12/09/24 16:32
Total/NA	Analysis	410.4		1	25861	GD	EET ATL	12/09/24 16:08
Total/NA	Prep	SM 4500 CN C			25727	MB	EET ATL	12/09/24 08:32
Total/NA	Analysis	4500 CN E-2016		1	26105	AD	EET ATL	12/10/24 16:38
Total/NA	Analysis	5310B - 2014		1	25936	AY	EET ATL	12/09/24 16:22

Client Sample ID: SWC-2

Date Collected: 12/05/24 10:22

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-37

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	25981	MS	EET ATL	12/10/24 23:08
Total/NA	Prep	3010A			25933	BR	EET ATL	12/10/24 09:50
Total/NA	Analysis	6010D		1	26200	DAB	EET ATL	12/10/24 16:34
Total/NA	Prep	7470A			25797	GR	EET ATL	12/09/24 11:38
Total/NA	Analysis	7470A		1	25885	GR	EET ATL	12/09/24 16:36
Total/NA	Analysis	410.4		1	25861	GD	EET ATL	12/09/24 16:09
Total/NA	Prep	SM 4500 CN C			25727	MB	EET ATL	12/09/24 08:32
Total/NA	Analysis	4500 CN E-2016		1	26105	AD	EET ATL	12/10/24 16:50
Total/NA	Analysis	5310B - 2014		1	25936	AY	EET ATL	12/09/24 16:43

Client Sample ID: SWC-3

Date Collected: 12/05/24 10:20

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-38

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	26323	MS	EET ATL	12/12/24 04:19
Total/NA	Prep	3010A			25933	BR	EET ATL	12/10/24 09:50
Total/NA	Analysis	6010D		1	26200	DAB	EET ATL	12/10/24 16:37
Total/NA	Prep	7470A			25797	GR	EET ATL	12/09/24 11:38
Total/NA	Analysis	7470A		1	25885	GR	EET ATL	12/09/24 16:51
Total/NA	Analysis	410.4		1	25861	GD	EET ATL	12/09/24 16:09
Total/NA	Prep	SM 4500 CN C			25727	MB	EET ATL	12/09/24 08:32
Total/NA	Analysis	4500 CN E-2016		1	26105	AD	EET ATL	12/10/24 16:35
Total/NA	Analysis	5310B - 2014		1	25936	AY	EET ATL	12/09/24 19:29

Client Sample ID: SWC-4

Date Collected: 12/05/24 11:10

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-39

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 12:21
Total/NA	Analysis	300.0		1	25981	MS	EET ATL	12/10/24 23:21

Eurofins Atlanta

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-4

Date Collected: 12/05/24 11:10

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-39

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			25933	BR	EET ATL	12/10/24 09:50
Total/NA	Analysis	6010D		1	26200	DAB	EET ATL	12/10/24 16:40
Total/NA	Prep	7470A			25797	GR	EET ATL	12/09/24 11:38
Total/NA	Analysis	7470A		1	25885	GR	EET ATL	12/09/24 16:55
Total/NA	Analysis	410.4		1	25861	GD	EET ATL	12/09/24 16:09
Total/NA	Prep	SM 4500 CN C			25727	MB	EET ATL	12/09/24 08:32
Total/NA	Analysis	4500 CN E-2016		1	26105	AD	EET ATL	12/10/24 16:41
Total/NA	Analysis	5310B - 2014		1	25936	AY	EET ATL	12/09/24 19:49

Client Sample ID: SWC-4A

Date Collected: 12/05/24 11:06

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 11:33

Client Sample ID: SWC-4B

Date Collected: 12/05/24 11:30

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-41

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 11:57

Client Sample ID: SWC-5

Date Collected: 12/05/24 09:50

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-42

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	26323	MS	EET ATL	12/12/24 04:31
Total/NA	Prep	3010A			25933	BR	EET ATL	12/10/24 09:50
Total/NA	Analysis	6010D		1	26200	DAB	EET ATL	12/10/24 16:50
Total/NA	Prep	7470A			25797	GR	EET ATL	12/09/24 11:38
Total/NA	Analysis	7470A		1	25885	GR	EET ATL	12/09/24 16:59
Total/NA	Analysis	410.4		1	25861	GD	EET ATL	12/09/24 16:09
Total/NA	Prep	SM 4500 CN C			25727	MB	EET ATL	12/09/24 08:32
Total/NA	Analysis	4500 CN E-2016		1	26105	AD	EET ATL	12/10/24 16:44
Total/NA	Analysis	5310B - 2014		1	25936	AY	EET ATL	12/09/24 20:10

Client Sample ID: SWC-9

Date Collected: 12/05/24 10:40

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	25981	MS	EET ATL	12/10/24 23:33

Eurofins Atlanta

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: SWC-9

Date Collected: 12/05/24 10:40

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			25933	BR	EET ATL	12/10/24 09:50
Total/NA	Analysis	6010D		1	26200	DAB	EET ATL	12/10/24 16:53
Total/NA	Prep	7470A			25797	GR	EET ATL	12/09/24 11:38
Total/NA	Analysis	7470A		1	25885	GR	EET ATL	12/09/24 17:03
Total/NA	Analysis	410.4		1	25861	GD	EET ATL	12/09/24 16:04
Total/NA	Prep	SM 4500 CN C			25727	MB	EET ATL	12/09/24 08:32
Total/NA	Analysis	4500 CN E-2016		1	26105	AD	EET ATL	12/10/24 17:05
Total/NA	Analysis	5310B - 2014		1	25936	AY	EET ATL	12/09/24 20:30

Client Sample ID: PH1-GWC-1

Date Collected: 12/05/24 08:45

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-44

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:45

Client Sample ID: GWA-1

Date Collected: 12/05/24 09:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-45

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:47

Client Sample ID: GWA-1A

Date Collected: 12/05/24 09:05

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-46

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:49

Client Sample ID: GWA-2

Date Collected: 12/05/24 09:15

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-47

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:52

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWA-3

Date Collected: 12/05/24 09:45

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-48

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:54

Client Sample ID: GWC-2

Date Collected: 12/05/24 09:30

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-49

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25821	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26180	KB	EET ATL	12/10/24 19:56

Client Sample ID: GWC-5

Date Collected: 12/05/24 09:55

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-50

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25827	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26181	KB	EET ATL	12/10/24 20:06

Client Sample ID: GWC-6

Date Collected: 12/05/24 08:50

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-51

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25827	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26181	KB	EET ATL	12/10/24 20:32

Client Sample ID: GWC-7

Date Collected: 12/05/24 09:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-52

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25827	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26181	KB	EET ATL	12/10/24 20:34

Client Sample ID: GWC-8

Date Collected: 12/05/24 09:10

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-53

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25827	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26181	KB	EET ATL	12/10/24 20:36

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-9

Date Collected: 12/05/24 09:25

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-54

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25827	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26181	KB	EET ATL	12/10/24 20:39

Client Sample ID: GWC-10A

Date Collected: 12/05/24 09:35

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-55

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25827	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26181	KB	EET ATL	12/10/24 20:41

Client Sample ID: GWC-11

Date Collected: 12/05/24 10:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-56

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25827	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26181	KB	EET ATL	12/10/24 20:43

Client Sample ID: GWC-12

Date Collected: 12/05/24 08:56

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-57

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25827	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26181	KB	EET ATL	12/10/24 20:46

Client Sample ID: GWC-12A

Date Collected: 12/05/24 08:52

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-58

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25827	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26181	KB	EET ATL	12/10/24 21:02

Client Sample ID: GWC-13

Date Collected: 12/05/24 08:43

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-59

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25827	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26181	KB	EET ATL	12/10/24 21:04

Lab Chronicle

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Client Sample ID: GWC-1

Date Collected: 12/05/24 10:15

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-60

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			25827	BR	EET ATL	12/10/24 07:52
Total Recoverable	Analysis	6020B		1	26181	KB	EET ATL	12/10/24 21:07

Client Sample ID: Trip Blank-2

Date Collected: 12/05/24 00:00

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-61

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	25671	AG	EET ATL	12/08/24 11:09

Client Sample ID: AMW-12

Date Collected: 12/04/24 12:12

Date Received: 12/05/24 13:37

Lab Sample ID: 705-14560-62

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	26023	OM	EET ATL	12/10/24 20:31

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Accreditation/Certification Summary

Client: Atlantic Coast Consulting, Inc.
Project/Site: Forsyth County-Hightower Road MSWLF

Job ID: 705-14560-1
SDG: G020-113

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Login Sample Receipt Checklist

Client: Atlantic Coast Consulting, Inc.

Job Number: 705-14560-1

SDG Number: G020-113

Login Number: 14560

List Number: 1

Creator: Ceclu, Rodica

List Source: Eurofins Atlanta

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

END OF REPORT

APPENDIX B

Statistical Analysis

Kruskal-Wallis Non-Parametric Test

Interwell ANOVA - Significant Only

Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I Printed 1/19/2025, 2:40 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>Crit.</u>	<u>Sig.</u>	<u>Alpha</u>	<u>Transform</u>	<u>ANOVA Sig.</u>	<u>Alpha</u>	<u>Method</u>
1,1-Dichloroethane (ug/L)	PH1-GWC-2	41.77	34.31	Yes	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	PH1-GWC-3A	45.15	34.31	Yes	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	PH1-GWC-3	75.65	34.31	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Barium (mg/L)	PH1-GWC-2	41.5	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWA-1	35.96	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWA-1A	40.17	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWC-3	51.83	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWC-3A	57.08	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWB-1	93.25	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWC-1	79.88	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWA-2	103	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	GWC-1	117.3	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	PH1-GWC-3	76.52	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	PH1-GWC-2	58.02	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	PH1-GWC-3A	71.65	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	PH1-GWA-2	90.73	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Cobalt (mg/L)	PH1-GWA-1	75	34.31	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	PH1-GWC-3A	60.85	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Tetrachloroethene (ug/L)	PH1-GWC-2	62.02	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Tetrachloroethene (ug/L)	PH1-GWC-3	80.85	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Trichloroethene (ug/L)	PH1-GWC-3	75.5	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Trichloroethene (ug/L)	PH1-GWC-2	50.08	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Trichloroethene (ug/L)	PH1-GWC-3A	76.96	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Zinc (mg/L)	PH1-GWB-2	66.23	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)

Interwell ANOVA

Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I Printed 1/19/2025, 2:41 PM

Constituent	Well	Calc.	Crit.	Sig.	Alpha	Transform	ANOVA Sig.	Alpha	Method
1,1-Dichloroethane (ug/L)	PH1-GWB-2	-2.438	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	PH1-GWB-1	-2.438	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	PH1-GWA-2	-2.438	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	PH1-GWA-1A	-2.438	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	PH1-GWA-1	-2.438	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	PH1-GWC-2	41.77	34.31	Yes	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	PH1-GWC-3A	45.15	34.31	Yes	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-1	2.438	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	PH1-GWC-1	2.438	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	PH1-GWC-3	75.65	34.31	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Barium (mg/L)	PH1-GWB-2	4.042	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWC-2	41.5	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWA-1	35.96	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWA-1A	40.17	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWC-3	51.83	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWC-3A	57.08	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWB-1	93.25	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWC-1	79.88	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	PH1-GWA-2	103	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (mg/L)	GWC-1	117.3	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	PH1-GWA-1A	-1.854	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	PH1-GWB-2	-1.854	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	PH1-GWB-1	-1.854	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	PH1-GWA-1	33.19	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	PH1-GWC-1	1.854	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	PH1-GWC-3	76.52	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	GWC-1	1.854	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	PH1-GWC-2	58.02	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	PH1-GWC-3A	71.65	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
cis-1,2-Dichloroethene (ug/L)	PH1-GWA-2	90.73	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Cobalt (mg/L)	GWC-1	0	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (mg/L)	PH1-GWC-1	0	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (mg/L)	PH1-GWB-2	5.375	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (mg/L)	PH1-GWB-1	5.375	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (mg/L)	PH1-GWC-3A	5.625	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (mg/L)	PH1-GWC-2	0	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (mg/L)	PH1-GWC-3	5.625	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (mg/L)	PH1-GWA-2	5.625	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (mg/L)	PH1-GWA-1A	5.375	34.31	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (mg/L)	PH1-GWA-1	75	34.31	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Copper (mg/L)	GWC-1	-2.938	34.31	No	0.01	n/a	No	0.05	NP (NDs)
Copper (mg/L)	PH1-GWC-1	-2.938	34.31	No	0.01	n/a	No	0.05	NP (NDs)
Copper (mg/L)	PH1-GWB-2	3.188	34.31	No	0.01	n/a	No	0.05	NP (NDs)
Copper (mg/L)	PH1-GWB-1	3.063	34.31	No	0.01	n/a	No	0.05	NP (NDs)
Copper (mg/L)	PH1-GWC-2	-2.938	34.31	No	0.01	n/a	No	0.05	NP (NDs)
Copper (mg/L)	PH1-GWC-3	-2.938	34.31	No	0.01	n/a	No	0.05	NP (NDs)
Copper (mg/L)	PH1-GWC-3A	-2.938	34.31	No	0.01	n/a	No	0.05	NP (NDs)
Copper (mg/L)	PH1-GWA-1	-2.938	34.31	No	0.01	n/a	No	0.05	NP (NDs)
Copper (mg/L)	PH1-GWA-1A	3.063	34.31	No	0.01	n/a	No	0.05	NP (NDs)
Copper (mg/L)	PH1-GWA-2	-2.938	34.31	No	0.01	n/a	No	0.05	NP (NDs)

Interwell ANOVA

Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I Printed 1/19/2025, 2:41 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>Crit.</u>	<u>Sig.</u>	<u>Alpha</u>	<u>Transform</u>	<u>ANOVA Sig.</u>	<u>Alpha</u>	<u>Method</u>
Tetrachloroethene (ug/L)	PH1-GWA-1	-2.271	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Tetrachloroethene (ug/L)	PH1-GWA-1A	-2.271	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Tetrachloroethene (ug/L)	PH1-GWB-2	-2.271	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Tetrachloroethene (ug/L)	PH1-GWA-2	2.063	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Tetrachloroethene (ug/L)	PH1-GWB-1	-2.271	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Tetrachloroethene (ug/L)	PH1-GWC-3A	60.85	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Tetrachloroethene (ug/L)	PH1-GWC-1	2.271	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Tetrachloroethene (ug/L)	GWC-1	2.271	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Tetrachloroethene (ug/L)	PH1-GWC-2	62.02	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Tetrachloroethene (ug/L)	PH1-GWC-3	80.85	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Trichloroethene (ug/L)	PH1-GWA-1	3.292	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Trichloroethene (ug/L)	PH1-GWA-1A	-2.167	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Trichloroethene (ug/L)	PH1-GWB-2	-2.167	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Trichloroethene (ug/L)	PH1-GWB-1	-2.167	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Trichloroethene (ug/L)	PH1-GWA-2	32.33	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Trichloroethene (ug/L)	PH1-GWC-3	75.5	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Trichloroethene (ug/L)	PH1-GWC-2	50.08	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Trichloroethene (ug/L)	PH1-GWC-1	2.167	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Trichloroethene (ug/L)	GWC-1	2.167	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Trichloroethene (ug/L)	PH1-GWC-3A	76.96	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)
Zinc (mg/L)	GWC-1	9.313	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Zinc (mg/L)	PH1-GWC-1	10.23	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Zinc (mg/L)	PH1-GWB-1	18.1	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Zinc (mg/L)	PH1-GWC-3A	27.6	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Zinc (mg/L)	PH1-GWC-3	-3.688	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Zinc (mg/L)	PH1-GWC-2	31.02	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Zinc (mg/L)	PH1-GWA-1A	7.938	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Zinc (mg/L)	PH1-GWA-1	32.69	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Zinc (mg/L)	PH1-GWA-2	-3.688	34.31	No	0.01	n/a	Yes	0.05	NP (normality)
Zinc (mg/L)	PH1-GWB-2	66.23	34.31	Yes	0.01	n/a	Yes	0.05	NP (normality)

Non-Parametric ANOVA

Constituent: 1,1-Dichloroethane Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

For observations made between 6/10/2019 and 12/4/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 88.31

Tabulated Chi-Squared value = 19.675 with 11 degrees of freedom at the 5% significance level.

There were 9 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 52.07

Adjusted Kruskal-Wallis statistic (H') = 88.31

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 3 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
PH1-GWB-2	-2.438	34.31	No
PH1-GWB-1	-2.438	34.31	No
PH1-GWA-2	-2.438	34.31	No
PH1-GWA-1A	-2.438	34.31	No
PH1-GWA-1	-2.438	34.31	No
PH1-GWC-2	41.77	34.31	Yes
PH1-GWC-3A	45.15	34.31	Yes
GWC-1	2.438	34.31	No
PH1-GWC-1	2.438	34.31	No
PH1-GWC-3	75.65	34.31	Yes

The critical (contrast) value was computed with 10 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: 1,1-Dichloroethane (ug/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA

Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-3A	PH1-GWA-1A	PH1-GWC-3	PH1-GWC-2	PH1-GWA-1	PH1-GWA-2	PH1-GWA-4 (bg)	PH1-GWB-1	PH1-GWB-2
6/10/2019	2.5	<2	3.3	3	<2				
6/11/2019						<2	<2	<2	
6/12/2019									<2
6/13/2019									
12/9/2019	3.1		4		<2	<2	<2		
12/10/2019		<2		3.7				<2	
12/11/2019									
12/12/2019									<2
6/22/2020		<2	2.9	3.1	<2				
6/24/2020						<2	<2	<2	<2
6/25/2020									
6/26/2020	<2								
12/15/2020	3		3.6		<2	<2	<2		
12/16/2020									
12/17/2020				3.8				<2	<2
12/18/2020		<2							
6/14/2021	2.8		3.4					<2	
6/15/2021		<2			<2				
6/16/2021						<2	<2		<2
6/17/2021				3					
12/13/2021		<2			<2			<2	<2
12/14/2021	2.3		3.2	2.9		<2	<2		
12/15/2021									
6/6/2022									
6/7/2022	3.1		3.2			<2	<2	<2	
6/8/2022		<2		<2	<2				
6/9/2022									<2
12/12/2022								<2	<2
12/14/2022				2.4	<2	<2			
12/15/2022	3.6	<2	4.5				<2		
6/19/2023									
6/20/2023					<2			<2	<2
6/21/2023						<2			
6/22/2023	<2	<2	3.4	<2					
6/23/2023							<2		
12/11/2023		<2							
12/12/2023							<2	<2	<2
12/13/2023	2.5		4.3		<2	<2			
12/14/2023				<2					
6/25/2024	2.9		3.9						
6/26/2024		<2			<2	<2	<2	<2	<2
6/27/2024				2.5					
12/2/2024		<1						<1	<1
12/3/2024	1.7		2.7	1.4	<1	<1	<1		
12/4/2024									

Non-Parametric ANOVA

Page 2

Constituent: 1,1-Dichloroethane (ug/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWA-3A (bg)	PH1-GWC-1	GWC-1
6/10/2019			
6/11/2019			
6/12/2019			
6/13/2019	<2	<2	<2
12/9/2019			
12/10/2019			<2
12/11/2019		<2	
12/12/2019	<2		
6/22/2020		<2	<2
6/24/2020			
6/25/2020	<2		
6/26/2020			
12/15/2020			
12/16/2020			<2
12/17/2020		<2	
12/18/2020	<2		
6/14/2021			
6/15/2021	<2		<2
6/16/2021		<2	
6/17/2021			
12/13/2021			
12/14/2021			
12/15/2021	<2	<2	<2
6/6/2022	<2		
6/7/2022			<2
6/8/2022			
6/9/2022		<2	
12/12/2022	<2		<2
12/14/2022		<2	
12/15/2022			
6/19/2023		<2	<2
6/20/2023	<2		
6/21/2023			
6/22/2023			
6/23/2023			
12/11/2023			<2
12/12/2023			
12/13/2023		<2	
12/14/2023	<2		
6/25/2024	<2		<2
6/26/2024		<2	
6/27/2024			
12/2/2024			
12/3/2024			
12/4/2024	<2	<2	<2

Non-Parametric ANOVA

Constituent: Barium Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

For observations made between 6/10/2019 and 12/5/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 123.9

Tabulated Chi-Squared value = 19.675 with 11 degrees of freedom at the 5% significance level.

There were 11 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 121.3

Adjusted Kruskal-Wallis statistic (H') = 123.9

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 9 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
PH1-GWB-2	4.042	34.31	No
PH1-GWC-2	41.5	34.31	Yes
PH1-GWA-1	35.96	34.31	Yes
PH1-GWA-1A	40.17	34.31	Yes
PH1-GWC-3	51.83	34.31	Yes
PH1-GWC-3A	57.08	34.31	Yes
PH1-GWB-1	93.25	34.31	Yes
PH1-GWC-1	79.88	34.31	Yes
PH1-GWA-2	103	34.31	Yes
GWC-1	117.3	34.31	Yes

The critical (contrast) value was computed with 10 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric anova because the Chi Squared normality test showed the residuals to be non-normal at the 0.01 alpha level.

Non-Parametric ANOVA

Constituent: Barium (mg/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA

Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-2	PH1-GWA-1A	PH1-GWC-3A	PH1-GWC-3	PH1-GWA-1	PH1-GWA-2	PH1-GWA-4 (bg)	PH1-GWB-1	PH1-GWA-3A (bg)
6/10/2019	0.039								
6/11/2019		0.024	0.03	0.03	0.024				
6/12/2019						0.084	<0.02	0.082	
6/13/2019									<0.02
12/10/2019	<0.02	0.0234	0.0249	0.0247	0.0203	0.0842	<0.02		
12/11/2019								0.067	
12/12/2019									<0.02
12/13/2019									
6/22/2020	0.0336	0.0217							
6/23/2020			0.0239	0.0236	0.0277				
6/25/2020						0.0646	<0.02	0.0793	<0.02
12/16/2020			0.0259	0.0256	<0.02	0.0655	<0.02		
12/17/2020	<0.02								
12/18/2020		0.0274						0.0505	<0.02
6/15/2021			0.0305	0.0243				0.0631	<0.02
6/16/2021		0.0248			0.0287				
6/17/2021	0.0206					0.0717	<0.02		
12/14/2021		0.0226			0.0228			0.0568	
12/15/2021			0.0285	0.0288		0.0716	<0.02		<0.02
12/16/2021									
12/17/2021	<0.02								
6/6/2022									<0.02
6/8/2022	0.0209	0.0259	0.0301	0.0255		0.059	<0.02	0.0537	
6/9/2022					0.0253				
6/10/2022									
12/12/2022									<0.02
12/13/2022								0.0401	
12/14/2022	0.0247								
12/15/2022		0.0351	0.0282	0.0292	<0.02	0.0689	<0.02		
6/20/2023									<0.02
6/21/2023					0.0246			0.0451	
6/22/2023	0.0485	0.0254	0.0269	0.0276		0.0485			
6/23/2023							<0.02		
12/12/2023		0.0256							
12/13/2023							<0.02	0.046	
12/14/2023	0.0482		0.0319	0.0368	0.0243	0.0768			<0.02
6/25/2024									<0.02
6/26/2024		0.0201	0.0321	0.0256					
6/27/2024	0.0312				0.0341	0.0472	<0.02	0.0353	
12/3/2024		<0.022						0.03	
12/4/2024	<0.02		0.027	0.026	0.024	0.054	<0.02		<0.02
12/5/2024									

Non-Parametric ANOVA

Constituent: Barium (mg/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWB-2	PH1-GWC-1	GWC-1
6/10/2019			
6/11/2019			
6/12/2019			
6/13/2019	<0.02	0.05	0.093
12/10/2019			
12/11/2019			0.0852
12/12/2019		0.0437	
12/13/2019	<0.02		
6/22/2020			
6/23/2020		0.0428	0.0953
6/25/2020	<0.02		
12/16/2020			
12/17/2020			0.0811
12/18/2020	<0.02	0.0321	
6/15/2021			
6/16/2021			0.0861
6/17/2021	<0.02	0.0421	
12/14/2021	<0.02		
12/15/2021			
12/16/2021		0.0306	0.084
12/17/2021			
6/6/2022			
6/8/2022			0.0791
6/9/2022			
6/10/2022	<0.02	0.042	
12/12/2022			
12/13/2022	<0.02		0.0931
12/14/2022			
12/15/2022		0.0343	
6/20/2023		0.0399	0.0951
6/21/2023	0.0202		
6/22/2023			
6/23/2023			
12/12/2023			0.112
12/13/2023	<0.02		
12/14/2023		0.0327	
6/25/2024			
6/26/2024			0.0942
6/27/2024	<0.02	0.0358	
12/3/2024	<0.022		
12/4/2024			
12/5/2024		0.031	0.091

Non-Parametric ANOVA

Constituent: cis-1,2-Dichloroethene Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
 Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

For observations made between 6/10/2019 and 12/4/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 125.7

Tabulated Chi-Squared value = 19.675 with 11 degrees of freedom at the 5% significance level.

There were 12 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 101.6

Adjusted Kruskal-Wallis statistic (H') = 125.7

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 4 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
PH1-GWA-1A	-1.854	34.31	No
PH1-GWB-2	-1.854	34.31	No
PH1-GWB-1	-1.854	34.31	No
PH1-GWA-1	33.19	34.31	No
PH1-GWC-1	1.854	34.31	No
PH1-GWC-3	76.52	34.31	Yes
GWC-1	1.854	34.31	No
PH1-GWC-2	58.02	34.31	Yes
PH1-GWC-3A	71.65	34.31	Yes
PH1-GWA-2	90.73	34.31	Yes

The critical (contrast) value was computed with 10 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric anova because the Chi Squared normality test showed the residuals to be non-normal at the 0.01 alpha level.

Non-Parametric ANOVA

Constituent: cis-1,2-Dichloroethene (ug/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA

Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-3A	PH1-GWA-1A	PH1-GWC-3	PH1-GWC-2	PH1-GWA-1	PH1-GWA-2	PH1-GWA-4 (bg)	PH1-GWB-1	PH1-GWB-2
6/10/2019	11	<2	19	5.1	5.2				
6/11/2019						26	<2	<2	
6/12/2019									<2
6/13/2019									
12/9/2019	16		27		3.7	120	<2		
12/10/2019		<2		5.7				<2	
12/11/2019									
12/12/2019									<2
6/22/2020		<2	20	6	4				
6/24/2020						42	<2	<2	<2
6/25/2020									
6/26/2020	14								
12/15/2020	16		26		4.3	52	<2		
12/16/2020									
12/17/2020				7.8				<2	<2
12/18/2020		<2							
6/14/2021	19		28					<2	
6/15/2021		<2			5.8				
6/16/2021						34	<2		<2
6/17/2021				7					
12/13/2021		<2			4.1			<2	<2
12/14/2021	14		25	6.7		35	<2		
12/15/2021									
6/6/2022									
6/7/2022	19		26			26	<2	<2	
6/8/2022		<2		5.6	2.3				
6/9/2022									<2
12/12/2022								<2	<2
12/14/2022				7.7	2.5	35			
12/15/2022	23	<2	36				<2		
6/19/2023									
6/20/2023					3.7			<2	<2
6/21/2023						16			
6/22/2023	13	<2	28	7					
6/23/2023							<2		
12/11/2023		<2							
12/12/2023							<2	<2	<2
12/13/2023	15		<2		<2	39			
12/14/2023				8.2					
6/25/2024	22		19						
6/26/2024		<2			<2	28	<2	<2	<2
6/27/2024				9.6					
12/2/2024		<1						<1	<1
12/3/2024	16		20	8.2	1.4	37	<1		
12/4/2024									

Non-Parametric ANOVA

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Constituent: cis-1,2-Dichloroethene (ug/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWA-3A (bg)	PH1-GWC-1	GWC-1
6/10/2019			
6/11/2019			
6/12/2019			
6/13/2019	<2	<2	<2
12/9/2019			
12/10/2019			<2
12/11/2019		<2	
12/12/2019	<2		
6/22/2020		<2	<2
6/24/2020			
6/25/2020	<2		
6/26/2020			
12/15/2020			
12/16/2020			<2
12/17/2020		<2	
12/18/2020	<2		
6/14/2021			
6/15/2021	<2		<2
6/16/2021		<2	
6/17/2021			
12/13/2021			
12/14/2021			
12/15/2021	<2	<2	<2
6/6/2022	<2		
6/7/2022			<2
6/8/2022			
6/9/2022		<2	
12/12/2022	<2		<2
12/14/2022		<2	
12/15/2022			
6/19/2023		<2	<2
6/20/2023	<2		
6/21/2023			
6/22/2023			
6/23/2023			
12/11/2023			<2
12/12/2023			
12/13/2023		<2	
12/14/2023	<2		
6/25/2024	<2		<2
6/26/2024		<2	
6/27/2024			
12/2/2024			
12/3/2024			
12/4/2024	<2	<2	<2

Non-Parametric ANOVA

Constituent: Cobalt Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

For observations made between 6/10/2019 and 12/5/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 101

Tabulated Chi-Squared value = 19.675 with 11 degrees of freedom at the 5% significance level.

There were 3 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 33.34

Adjusted Kruskal-Wallis statistic (H') = 101

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 1 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-1	0	34.31	No
PH1-GWC-1	0	34.31	No
PH1-GWB-2	5.375	34.31	No
PH1-GWB-1	5.375	34.31	No
PH1-GWC-3A	5.625	34.31	No
PH1-GWC-2	0	34.31	No
PH1-GWC-3	5.625	34.31	No
PH1-GWA-2	5.625	34.31	No
PH1-GWA-1A	5.375	34.31	No
PH1-GWA-1	75	34.31	Yes

The critical (contrast) value was computed with 10 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: Cobalt (mg/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA

Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-2	PH1-GWA-1A	PH1-GWC-3A	PH1-GWC-3	PH1-GWA-1	PH1-GWA-2	PH1-GWA-4 (bg)	PH1-GWB-1	PH1-GWA-3A (bg)
6/10/2019	<0.04								
6/11/2019		<0.04	<0.04	<0.04	0.091				
6/12/2019						<0.04	<0.04	<0.04	
6/13/2019									<0.04
12/10/2019	<0.04	<0.04	<0.04	<0.04	0.0901	<0.04	<0.04		
12/11/2019								<0.04	
12/12/2019									<0.04
12/13/2019									
6/22/2020	<0.04	<0.04							
6/23/2020			<0.04	<0.04	0.0766				
6/25/2020						<0.04	<0.04	<0.04	<0.04
12/16/2020			<0.04	<0.04	0.0956	<0.04	<0.04		
12/17/2020	<0.04								
12/18/2020		<0.04						<0.04	<0.04
6/15/2021			<0.04	<0.04				<0.04	<0.04
6/16/2021		<0.04			0.0835				
6/17/2021	<0.04					<0.04	<0.04		
12/14/2021		<0.04			0.111			<0.04	
12/15/2021			<0.04	<0.04		<0.04	<0.04		<0.04
12/16/2021									
12/17/2021	<0.04								
6/6/2022									<0.04
6/8/2022	<0.04	<0.04	<0.05	<0.05		<0.05	<0.04	<0.04	
6/9/2022					0.0747				
6/10/2022									
12/12/2022									<0.04
12/13/2022								<0.04	
12/14/2022	<0.04								
12/15/2022		<0.04	<0.04	<0.04	0.0947	<0.04	<0.04		
6/20/2023									<0.04
6/21/2023					0.0672			<0.04	
6/22/2023	<0.04	<0.04	<0.04	<0.04		<0.04			
6/23/2023							<0.04		
12/12/2023		<0.04							
12/13/2023							<0.04	<0.04	
12/14/2023	<0.04		<0.04	<0.04	0.0966	<0.04			<0.04
6/25/2024									<0.04
6/26/2024		<0.04	<0.04	<0.04					
6/27/2024	<0.04				0.0771	<0.04	<0.04	<0.04	
12/3/2024		<0.044						<0.044	
12/4/2024	<0.04		<0.04	<0.04	0.068	<0.04	<0.04		<0.04
12/5/2024									

Non-Parametric ANOVA

Constituent: Cobalt (mg/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWB-2	PH1-GWC-1	GWC-1
6/10/2019			
6/11/2019			
6/12/2019			
6/13/2019	<0.04	<0.04	<0.04
12/10/2019			
12/11/2019			<0.04
12/12/2019		<0.04	
12/13/2019	<0.04		
6/22/2020			
6/23/2020		<0.04	<0.04
6/25/2020	<0.04		
12/16/2020			
12/17/2020			<0.04
12/18/2020	<0.04	<0.04	
6/15/2021			
6/16/2021			<0.04
6/17/2021	<0.04	<0.04	
12/14/2021	<0.04		
12/15/2021			
12/16/2021		<0.04	<0.04
12/17/2021			
6/6/2022			
6/8/2022			<0.04
6/9/2022			
6/10/2022	<0.04	<0.04	
12/12/2022			
12/13/2022	<0.04		<0.04
12/14/2022			
12/15/2022		<0.04	
6/20/2023		<0.04	<0.04
6/21/2023	<0.04		
6/22/2023			
6/23/2023			
12/12/2023			<0.04
12/13/2023	<0.04		
12/14/2023		<0.04	
6/25/2024			
6/26/2024			<0.04
6/27/2024	<0.04	<0.04	
12/3/2024	<0.044		
12/4/2024			
12/5/2024		<0.04	<0.04

Non-Parametric ANOVA

Constituent: Copper Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

For observations made between 6/10/2019 and 12/5/2024, the non-parametric analysis of variance test indicates NO DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is less than or equal to the Chi-squared value, we conclude that no group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 8.172

Tabulated Chi-Squared value = 19.675 with 11 degrees of freedom at the 5% significance level.

There were 2 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 0.6623

Adjusted Kruskal-Wallis statistic (H') = 8.172

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in none of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-1	-2.938	34.31	No
PH1-GWC-1	-2.938	34.31	No
PH1-GWB-2	3.188	34.31	No
PH1-GWB-1	3.063	34.31	No
PH1-GWC-2	-2.938	34.31	No
PH1-GWC-3	-2.938	34.31	No
PH1-GWC-3A	-2.938	34.31	No
PH1-GWA-1	-2.938	34.31	No
PH1-GWA-1A	3.063	34.31	No
PH1-GWA-2	-2.938	34.31	No

The critical (contrast) value was computed with 10 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: Copper (mg/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA

Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-2	PH1-GWA-1A	PH1-GWC-3A	PH1-GWC-3	PH1-GWA-1	PH1-GWA-2	PH1-GWA-4 (bg)	PH1-GWB-1	PH1-GWA-3A (bg)
6/10/2019	<0.02								
6/11/2019		<0.02	<0.02	<0.02	<0.02				
6/12/2019						<0.02	<0.02	<0.02	
6/13/2019									<0.02
12/10/2019	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0207		
12/11/2019								<0.02	
12/12/2019									<0.02
12/13/2019									
6/22/2020	<0.02	<0.02							
6/23/2020			<0.02	<0.02	<0.02				
6/25/2020						<0.02	<0.02	<0.02	<0.02
12/16/2020			<0.02	<0.02	<0.02	<0.02	<0.02		
12/17/2020	<0.02								
12/18/2020		<0.02						<0.02	<0.02
6/15/2021			<0.02	<0.02				<0.02	<0.02
6/16/2021		<0.02			<0.02				
6/17/2021	<0.02					<0.02	<0.02		
12/14/2021		<0.02			<0.02			<0.02	
12/15/2021			<0.02	<0.02		<0.02	<0.02		<0.02
12/16/2021									
12/17/2021	<0.02								
6/6/2022									<0.02
6/8/2022	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	
6/9/2022					<0.02				
6/10/2022									
12/12/2022									<0.02
12/13/2022								<0.02	
12/14/2022	<0.02								
12/15/2022		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
6/20/2023									<0.02
6/21/2023					<0.02			<0.02	
6/22/2023	<0.02	<0.02	<0.02	<0.02		<0.02			
6/23/2023							<0.02		
12/12/2023		<0.02							
12/13/2023							<0.02	<0.02	
12/14/2023	<0.02		<0.02	<0.02	<0.02	<0.02			<0.02
6/25/2024									<0.02
6/26/2024		<0.02	<0.02	<0.02					
6/27/2024	<0.02				<0.02	<0.02	<0.02	<0.02	
12/3/2024		<0.022						<0.022	
12/4/2024	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
12/5/2024									

Non-Parametric ANOVA

Constituent: Copper (mg/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWB-2	PH1-GWC-1	GWC-1
6/10/2019			
6/11/2019			
6/12/2019			
6/13/2019	<0.02	<0.02	<0.02
12/10/2019			
12/11/2019			<0.02
12/12/2019		<0.02	
12/13/2019	<0.02		
6/22/2020			
6/23/2020		<0.02	<0.02
6/25/2020	<0.02		
12/16/2020			
12/17/2020			<0.02
12/18/2020	<0.02	<0.02	
6/15/2021			
6/16/2021			<0.02
6/17/2021	<0.02	<0.02	
12/14/2021	<0.02		
12/15/2021			
12/16/2021		<0.02	<0.02
12/17/2021			
6/6/2022			
6/8/2022			<0.02
6/9/2022			
6/10/2022	<0.02	<0.02	
12/12/2022			
12/13/2022	<0.02		<0.02
12/14/2022			
12/15/2022		<0.02	
6/20/2023		<0.02	<0.02
6/21/2023	<0.02		
6/22/2023			
6/23/2023			
12/12/2023			<0.02
12/13/2023	<0.02		
12/14/2023		<0.02	
6/25/2024			
6/26/2024			<0.02
6/27/2024	<0.02	<0.02	
12/3/2024	0.026		
12/4/2024			
12/5/2024		<0.02	<0.02

Non-Parametric ANOVA

Constituent: Tetrachloroethene Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

For observations made between 6/10/2019 and 12/4/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 117

Tabulated Chi-Squared value = 19.675 with 11 degrees of freedom at the 5% significance level.

There were 7 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 74.19

Adjusted Kruskal-Wallis statistic (H') = 117

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 3 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
PH1-GWA-1	-2.271	34.31	No
PH1-GWA-1A	-2.271	34.31	No
PH1-GWB-2	-2.271	34.31	No
PH1-GWA-2	2.063	34.31	No
PH1-GWB-1	-2.271	34.31	No
PH1-GWC-3A	60.85	34.31	Yes
PH1-GWC-1	2.271	34.31	No
GWC-1	2.271	34.31	No
PH1-GWC-2	62.02	34.31	Yes
PH1-GWC-3	80.85	34.31	Yes

The critical (contrast) value was computed with 10 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric anova because the Chi Squared normality test showed the residuals to be non-normal at the 0.01 alpha level.

Non-Parametric ANOVA

Constituent: Tetrachloroethene (ug/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA

Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-3A	PH1-GWA-1A	PH1-GWC-3	PH1-GWC-2	PH1-GWA-1	PH1-GWA-2	PH1-GWA-4 (bg)	PH1-GWB-1	PH1-GWB-2
6/10/2019	8.8	<2	11	4.2	<2				
6/11/2019						<2	<2	<2	
6/12/2019									<2
6/13/2019									
12/9/2019	7.4		13		<2	2.4	<2		
12/10/2019		<2		6.3				<2	
12/11/2019									
12/12/2019									<2
6/22/2020		<2	9	4.6	<2				
6/24/2020						<2	<2	<2	<2
6/25/2020									
6/26/2020	<2								
12/15/2020	5.7		9.1		<2	<2	<2		
12/16/2020									
12/17/2020				5.3				<2	<2
12/18/2020		<2							
6/14/2021	8.1		9.3					<2	
6/15/2021		<2			<2				
6/16/2021						<2	<2		<2
6/17/2021				3.7					
12/13/2021		<2			<2			<2	<2
12/14/2021	7.2		8.8	2.9		<2	<2		
12/15/2021									
6/6/2022									
6/7/2022	8.6		8.3			<2	<2	<2	
6/8/2022		<2		3.4	<2				
6/9/2022									<2
12/12/2022								<2	<2
12/14/2022				4.4	<2	<2			
12/15/2022	6.5	<2	9.5				<2		
6/19/2023									
6/20/2023					<2			<2	<2
6/21/2023						<2			
6/22/2023	2	<2	8.3	2.9					
6/23/2023							<2		
12/11/2023		<2							
12/12/2023							<2	<2	<2
12/13/2023	2.5		6.3		<2	<2			
12/14/2023				3.2					
6/25/2024	7.8		7.3						
6/26/2024		<2			<2	<2	<2	<2	<2
6/27/2024				2.5					
12/2/2024		<1						<1	<1
12/3/2024	4.7		6.7	3.3	<1	<1	<1		
12/4/2024									

Non-Parametric ANOVA

Page 2

Constituent: Tetrachloroethene (ug/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWA-3A (bg)	PH1-GWC-1	GWC-1
6/10/2019			
6/11/2019			
6/12/2019			
6/13/2019	<2	<2	<2
12/9/2019			
12/10/2019			<2
12/11/2019		<2	
12/12/2019	<2		
6/22/2020		<2	<2
6/24/2020			
6/25/2020	<2		
6/26/2020			
12/15/2020			
12/16/2020			<2
12/17/2020		<2	
12/18/2020	<2		
6/14/2021			
6/15/2021	<2		<2
6/16/2021		<2	
6/17/2021			
12/13/2021			
12/14/2021			
12/15/2021	<2	<2	<2
6/6/2022	<2		
6/7/2022			<2
6/8/2022			
6/9/2022		<2	
12/12/2022	<2		<2
12/14/2022		<2	
12/15/2022			
6/19/2023		<2	<2
6/20/2023	<2		
6/21/2023			
6/22/2023			
6/23/2023			
12/11/2023			<2
12/12/2023			
12/13/2023		<2	
12/14/2023	<2		
6/25/2024	<2		<2
6/26/2024		<2	
6/27/2024			
12/2/2024			
12/3/2024			
12/4/2024	<2	<2	<2

Non-Parametric ANOVA

Constituent: Trichloroethene Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

For observations made between 6/10/2019 and 12/4/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 105.1

Tabulated Chi-Squared value = 19.675 with 11 degrees of freedom at the 5% significance level.

There were 13 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 72.96

Adjusted Kruskal-Wallis statistic (H') = 105.1

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 3 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
PH1-GWA-1	3.292	34.31	No
PH1-GWA-1A	-2.167	34.31	No
PH1-GWB-2	-2.167	34.31	No
PH1-GWB-1	-2.167	34.31	No
PH1-GWA-2	32.33	34.31	No
PH1-GWC-3	75.5	34.31	Yes
PH1-GWC-2	50.08	34.31	Yes
PH1-GWC-1	2.167	34.31	No
GWC-1	2.167	34.31	No
PH1-GWC-3A	76.96	34.31	Yes

The critical (contrast) value was computed with 10 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric anova because the Chi Squared normality test showed the residuals to be non-normal at the 0.01 alpha level.

Non-Parametric ANOVA

Constituent: Trichloroethene (ug/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA

Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-3A	PH1-GWA-1A	PH1-GWC-3	PH1-GWC-2	PH1-GWA-1	PH1-GWA-2	PH1-GWA-4 (bg)	PH1-GWB-1	PH1-GWB-2
6/10/2019	5.7	<2	7.4	2	<2				
6/11/2019						2.1	<2	<2	
6/12/2019									<2
6/13/2019									
12/9/2019	8.4		8.7		3.1	7.3	<2		
12/10/2019		<2		2.6				<2	
12/11/2019									
12/12/2019									<2
6/22/2020		<2	7.1	2.1	<2				
6/24/2020						2.4	<2	<2	<2
6/25/2020									
6/26/2020	2.8								
12/15/2020	8.1		7.6		<2	2.5	<2		
12/16/2020									
12/17/2020				2.5				<2	<2
12/18/2020		<2							
6/14/2021	6.1		7.5					<2	
6/15/2021		<2			<2				
6/16/2021						2.4	<2		<2
6/17/2021				2.7					
12/13/2021		<2			<2			<2	<2
12/14/2021	5.7		7.1	3		2	<2		
12/15/2021									
6/6/2022									
6/7/2022	6.8		7.2			<2	<2	<2	
6/8/2022		<2		2.1	<2				
6/9/2022									<2
12/12/2022								<2	<2
12/14/2022				2.7	<2	2.2			
12/15/2022	8	<2	9.5				<2		
6/19/2023									
6/20/2023					<2			<2	<2
6/21/2023						<2			
6/22/2023	5.5	<2	8	<2					
6/23/2023							<2		
12/11/2023		<2							
12/12/2023							<2	<2	<2
12/13/2023	7.4		<2		<2	2.8			
12/14/2023				2.5					
6/25/2024	6.8		6.3						
6/26/2024		<2			<2	<2	<2	<2	<2
6/27/2024				3.1					
12/2/2024		<1						<1	<1
12/3/2024	4.9		5.6	2.1	<1	1.9	<1		
12/4/2024									

Non-Parametric ANOVA

Constituent: Trichloroethene (ug/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWA-3A (bg)	PH1-GWC-1	GWC-1
6/10/2019			
6/11/2019			
6/12/2019			
6/13/2019	<2	<2	<2
12/9/2019			
12/10/2019			<2
12/11/2019		<2	
12/12/2019	<2		
6/22/2020		<2	<2
6/24/2020			
6/25/2020	<2		
6/26/2020			
12/15/2020			
12/16/2020			<2
12/17/2020		<2	
12/18/2020	<2		
6/14/2021			
6/15/2021	<2		<2
6/16/2021		<2	
6/17/2021			
12/13/2021			
12/14/2021			
12/15/2021	<2	<2	<2
6/6/2022	<2		
6/7/2022			<2
6/8/2022			
6/9/2022		<2	
12/12/2022	<2		<2
12/14/2022		<2	
12/15/2022			
6/19/2023		<2	<2
6/20/2023	<2		
6/21/2023			
6/22/2023			
6/23/2023			
12/11/2023			<2
12/12/2023			
12/13/2023		<2	
12/14/2023	<2		
6/25/2024	<2		<2
6/26/2024		<2	
6/27/2024			
12/2/2024			
12/3/2024			
12/4/2024	<2	<2	<2

Non-Parametric ANOVA

Constituent: Zinc Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

For observations made between 6/10/2019 and 12/5/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 51.15

Tabulated Chi-Squared value = 19.675 with 11 degrees of freedom at the 5% significance level.

There were 5 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 31.88

Adjusted Kruskal-Wallis statistic (H') = 51.15

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 1 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-1	9.313	34.31	No
PH1-GWC-1	10.23	34.31	No
PH1-GWB-1	18.1	34.31	No
PH1-GWC-3A	27.6	34.31	No
PH1-GWC-3	-3.688	34.31	No
PH1-GWC-2	31.02	34.31	No
PH1-GWA-1A	7.938	34.31	No
PH1-GWA-1	32.69	34.31	No
PH1-GWA-2	-3.688	34.31	No
PH1-GWB-2	66.23	34.31	Yes

The critical (contrast) value was computed with 10 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric anova because the Chi Squared normality test showed the residuals to be non-normal at the 0.01 alpha level.

Non-Parametric ANOVA

Constituent: Zinc (mg/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA

Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-2	PH1-GWA-1A	PH1-GWC-3A	PH1-GWC-3	PH1-GWA-1	PH1-GWA-2	PH1-GWA-4 (bg)	PH1-GWB-1	PH1-GWA-3A (bg)
6/10/2019	0.026								
6/11/2019		<0.02	<0.02	<0.02	0.034				
6/12/2019						<0.02	<0.02	0.022	
6/13/2019									<0.02
12/10/2019	<0.02	<0.02	<0.02	<0.02	0.0324	<0.02	0.0489		
12/11/2019								0.0382	
12/12/2019									<0.02
12/13/2019									
6/22/2020	<0.02	<0.02							
6/23/2020			0.0369	<0.02	<0.02				
6/25/2020						<0.02	<0.02	0.0268	<0.02
12/16/2020			<0.02	<0.02	<0.02	<0.02	<0.02		
12/17/2020	<0.02								
12/18/2020		<0.02						<0.02	<0.02
6/15/2021			0.0236	<0.02				<0.02	<0.02
6/16/2021		<0.02			<0.02				
6/17/2021	<0.02					<0.02	<0.02		
12/14/2021		<0.02			0.031			<0.02	
12/15/2021			0.0436	<0.02		<0.02	<0.02		<0.02
12/16/2021									
12/17/2021	<0.02								
6/6/2022									<0.02
6/8/2022	0.0459	0.0382	0.0388	<0.02		<0.02	<0.02	<0.02	
6/9/2022					<0.02				
6/10/2022									
12/12/2022									<0.02
12/13/2022								<0.02	
12/14/2022	0.0216								
12/15/2022		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
6/20/2023									<0.02
6/21/2023					0.0316			<0.02	
6/22/2023	0.0373	<0.02	<0.02	<0.02		<0.02			
6/23/2023							<0.02		
12/12/2023		<0.02							
12/13/2023							<0.02	<0.02	
12/14/2023	0.0347		<0.02	<0.02	0.0213	<0.02			<0.02
6/25/2024									<0.02
6/26/2024		<0.02	0.0269	<0.02					
6/27/2024	0.0202				0.0399	<0.02	<0.02	<0.02	
12/3/2024		<0.022						<0.022	
12/4/2024	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02		<0.02
12/5/2024									

Non-Parametric ANOVA

Constituent: Zinc (mg/L) Analysis Run 1/19/2025 2:41 PM View: Interwell ANOVA
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWB-2	PH1-GWC-1	GWC-1
6/10/2019			
6/11/2019			
6/12/2019			
6/13/2019	0.033	<0.02	<0.02
12/10/2019			
12/11/2019			0.0271
12/12/2019		<0.02	
12/13/2019	0.0383		
6/22/2020			
6/23/2020		0.0325	0.0554
6/25/2020	0.0254		
12/16/2020			
12/17/2020			<0.02
12/18/2020	0.0216	<0.02	
6/15/2021			
6/16/2021			<0.02
6/17/2021	0.0263	<0.02	
12/14/2021	0.0238		
12/15/2021			
12/16/2021		<0.02	<0.02
12/17/2021			
6/6/2022			
6/8/2022			<0.02
6/9/2022			
6/10/2022	0.0294	<0.02	
12/12/2022			
12/13/2022	0.0629		<0.02
12/14/2022			
12/15/2022		<0.02	
6/20/2023		<0.02	<0.02
6/21/2023	0.029		
6/22/2023			
6/23/2023			
12/12/2023			<0.02
12/13/2023	0.0274		
12/14/2023		<0.02	
6/25/2024			
6/26/2024			<0.02
6/27/2024	0.0284	<0.02	
12/3/2024	0.031		
12/4/2024			
12/5/2024		0.081	<0.02

Interwell ANOVA - Significant Only

Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV Printed 1/19/2025, 3:30 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>Crit.</u>	<u>Sig.</u>	<u>Alpha</u>	<u>Transform</u>	<u>ANOVA Sig.</u>	<u>Alpha</u>	<u>Method</u>
1,1-Dichloroethane (ug/L)	GWC-8A	104.1	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-8R	172.7	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-14R	183.5	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-14A	180.8	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Barium (ug/L)	GWC-7	81.76	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-3A	82.96	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-8A	102.6	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-9	126.8	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-19R	135.6	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-18	154.4	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-14A	153.9	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Benzene (ug/L)	GWC-14A	173.8	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-14A	115.3	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-19R	150.9	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-18	171.3	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-14R	177.8	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-8R	191.7	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-8A	192.1	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-14A	213.5	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-14A	171.5	78.18	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-18	173.1	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-14R	146.6	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-14A	173	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-9	102.5	78.18	Yes	0.01	n/a	Yes	0.05	NP (NDs)

Interwell ANOVA

Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV Printed 1/19/2025, 3:30 PM

Constituent	Well	Calc.	Crit.	Sig.	Alpha	Transform	ANOVA Sig.	Alpha	Method
1,1-Dichloroethane (ug/L)	GWC-24	-13.08	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-19R	-13.08	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-4	-15.7	90.33	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-18	-13.08	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-4A	-13.08	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-22	-13.08	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-23A	-13.08	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-23	-13.08	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-16A[S...	0.2083	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-3A	-13.08	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-8A	104.1	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-12	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-11	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-12A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-13	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-10	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-9	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-10A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-2	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWA-3	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWA-1A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-6	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-7	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-5	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-8	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-8R	172.7	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-14R	183.5	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
1,1-Dichloroethane (ug/L)	GWC-14A	180.8	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-24	-15.13	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-4	-18.15	90.33	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-3A	-15.13	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-16A[S...	-15.13	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-18	-15.13	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-22	-15.13	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-23	-15.13	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-23A	-15.13	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-19R	-15.13	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-4A	-15.13	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-14R	-14.67	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-14A	-14.58	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-8R	-14.5	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-8A	-14.42	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-13	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-12A	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-10	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-10A	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-11	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-12	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-2	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWA-3	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)

Interwell ANOVA

Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV Printed 1/19/2025, 3:31 PM

Constituent	Well	Calc.	Crit.	Sig.	Alpha	Transform	ANOVA Sig.	Alpha	Method
1,4-Dichlorobenzene (ug/L)	GWA-1A	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-8	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-9	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-6	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-5	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)
1,4-Dichlorobenzene (ug/L)	GWC-7	0	84.78	No	0.01	n/a	No	0.05	NP (NDs)
Barium (ug/L)	GWC-24	-68.57	83.3	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-6	-100.1	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-16A[S...	-19.3	80.55	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-13	-80.04	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-5	-100.1	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-23	-94.62	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-4A	26.3	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-10	-80.26	80.55	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-12	-86.79	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-11	-15.62	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-12A	-100.1	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-2	-89.37	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWA-3	-92.49	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-23A	-88.08	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-4	-14.62	83.3	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-22	-4.62	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-8	60.71	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-10A	61.01	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWA-1A	64.55	78.18	No	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-7	81.76	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-3A	82.96	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-8A	102.6	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-9	126.8	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-19R	135.6	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-18	154.4	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Barium (ug/L)	GWC-14A	153.9	78.18	Yes	0.01	n/a	Yes	0.05	NP (normality)
Benzene (ug/L)	GWC-24	-14.21	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-22	-14.21	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-18	0.875	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-16A[S...	0.9583	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-3A	-14.21	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-23A	-14.21	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-4	-17.05	90.33	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-23	-14.21	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-8R	-14.21	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-4A	-14.21	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-14R	-14.21	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-19R	-14.21	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-8A	56.25	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-13	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-12A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-12	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-10A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-10	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)

Interwell ANOVA

Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV Printed 1/19/2025, 3:31 PM

Constituent	Well	Calc.	Crit.	Sig.	Alpha	Transform	ANOVA Sig.	Alpha	Method
Benzene (ug/L)	GWC-9	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-11	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-2	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWA-3	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWA-1A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-8	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-7	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-5	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-6	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Benzene (ug/L)	GWC-14A	173.8	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-24	-14.63	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-3A	-14.63	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-16A[S...	-14.63	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-23A	-14.63	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-8A	-14.63	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-8R	-14.63	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-18	-14.63	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-4	-17.55	90.33	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-19R	-14.63	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-14R	-14.63	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-4A	-14.63	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-23	-14.63	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-22	-14.63	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-14A	115.3	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-12A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-12	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-13	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-10A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-10	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-11	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-9	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-2	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWA-3	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWA-1A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-8	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-7	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-6	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Chlorobenzene (ug/L)	GWC-5	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-24	37	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-4	-13.55	90.33	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-4A	-11.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-23A	-11.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-16A[S...	57.75	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-3A	-11.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-22	-11.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-23	-11.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-11	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-10A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-12	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-12A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)

Interwell ANOVA

Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV Printed 1/19/2025, 3:31 PM

Constituent	Well	Calc.	Crit.	Sig.	Alpha	Transform	ANOVA Sig.	Alpha	Method
cis-1,2-Dichloroethene (ug/L)	GWC-9	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-10	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-13	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-8	72.46	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-2	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWA-3	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWA-1A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-6	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-7	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-5	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-19R	150.9	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-18	171.3	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-14R	177.8	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-8R	191.7	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-8A	192.1	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
cis-1,2-Dichloroethene (ug/L)	GWC-14A	213.5	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-12	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-11	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-12A	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-13	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-10	0	80.55	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-9	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-24	16.35	83.3	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-10A	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-23	13.13	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-22	13.13	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-23A	13.13	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-18	13.63	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-16A[S...	14.86	80.55	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-19R	39.88	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-8A	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-2	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWA-3	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-4	15.75	83.3	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-3A	13.13	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWA-1A	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-7	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-6	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-8	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-4A	13.13	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-5	0	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Cobalt (ug/L)	GWC-14A	171.5	78.18	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-24	-14.42	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-22	-14.42	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-16A[S...	-0.08333	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-14R	-14.42	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-8A	-14.42	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-3A	-14.42	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-23A	-14.42	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-4	-17.3	90.33	No	0.01	n/a	Yes	0.05	NP (NDs)

Interwell ANOVA

Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV Printed 1/19/2025, 3:31 PM

Constituent	Well	Calc.	Crit.	Sig.	Alpha	Transform	ANOVA Sig.	Alpha	Method
Tetrachloroethene (ug/L)	GWC-23	-14.42	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-19R	-14.42	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-4A	-14.42	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-14A	-14.42	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-8R	-14.42	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-12	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-12A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-13	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-10A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-10	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-9	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-11	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-2	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWA-3	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWA-1A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-8	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-7	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-6	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-5	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Tetrachloroethene (ug/L)	GWC-18	173.1	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-24	-14.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-22	-14.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-16A[S...	-14.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-3A	-14.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-8A	-14.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-23A	-14.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-4	-17.15	90.33	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-23	-14.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-19R	-14.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-4A	-14.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-8R	-0.5417	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-18	14.38	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-14R	146.6	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-12	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-12A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-13	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-11	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-10A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-10	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-9	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-14A	57.29	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-2	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWA-3	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWA-1A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-7	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-8	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-6	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Trichloroethene (ug/L)	GWC-5	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-24	-14.46	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-22	-14.46	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)

Interwell ANOVA

Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV Printed 1/19/2025, 3:31 PM

Constituent	Well	Calc.	Crit.	Sig.	Alpha	Transform	ANOVA Sig.	Alpha	Method
Vinyl chloride (ug/L)	GWC-18	-14.46	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-16A[S...	-14.46	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-8A	-14.46	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-3A	-14.46	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-23A	-14.46	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-4	-17.35	90.33	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-23	-14.46	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-19R	-14.46	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-4A	-14.46	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-14R	-14.46	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-8R	-14.46	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-12	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-12A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-13	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-10A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-10	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-9	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-11	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-2	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWA-3	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWA-1A	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-5	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-8	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-7	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-6	0	84.78	No	0.01	n/a	Yes	0.05	NP (NDs)
Vinyl chloride (ug/L)	GWC-14A	173	84.78	Yes	0.01	n/a	Yes	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-24	-14.58	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-14R	-14.58	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-14A	-14.58	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-16A[S...	-14.58	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-3A	-14.58	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-18	-14.58	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-19R	-14.58	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-22	-14.58	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-8A	-14.58	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-23	-14.58	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-8R	-14.58	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-4A	-14.58	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-23A	-14.58	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-4	-16.8	87.82	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-13	0	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-10A	0	84.92	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-12A	0	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-10	0	84.92	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-11	0	84.92	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-12	0	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-2	0	84.92	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWA-3	0	84.92	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWA-1A	0	82.43	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-8	0	84.92	No	0.01	n/a	No	0.05	NP (NDs)

Interwell ANOVA

Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV Printed 1/19/2025, 3:31 PM

<u>Constituent</u>	<u>Well</u>	<u>Calc.</u>	<u>Crit.</u>	<u>Sig.</u>	<u>Alpha</u>	<u>Transform</u>	<u>ANOVA Sig.</u>	<u>Alpha</u>	<u>Method</u>
Xylenes, Total (ug/L)	GWC-9	0	84.92	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-6	0	84.92	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-5	0	84.92	No	0.01	n/a	No	0.05	NP (NDs)
Xylenes, Total (ug/L)	GWC-7	0	84.92	No	0.01	n/a	No	0.05	NP (NDs)
Zinc (ug/L)	GWC-24	-71.95	83.3	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-12	-87	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-11	-28.71	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-23A	-61.29	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-13	-62.79	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-12A	-87	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-10A	-50.79	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-8A	-87	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-10	-22.68	80.55	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-22	-75.46	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-19R	-72.58	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-23	-60.92	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-18	-72.08	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-14A	-61.83	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-16A(S...	-71	80.55	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-8	-87	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWA-3	-59.67	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-2	-35.96	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-3A	-7.625	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-4	-33.8	83.3	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-4A	-18.04	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWA-1A	-87	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-7	-20.71	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-6	-70.08	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-5	-59	78.18	No	0.01	n/a	Yes	0.05	NP (NDs)
Zinc (ug/L)	GWC-9	102.5	78.18	Yes	0.01	n/a	Yes	0.05	NP (NDs)

Non-Parametric ANOVA

Constituent: 1,1-Dichloroethane Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

For observations made between 6/10/2019 and 12/4/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 273.8

Tabulated Chi-Squared value = 42.557 with 29 degrees of freedom at the 5% significance level.

There were 11 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 110.8

Adjusted Kruskal-Wallis statistic (H') = 273.8

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 4 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-24	-13.08	84.78	No
GWC-19R	-13.08	84.78	No
GWC-4	-15.7	90.33	No
GWC-18	-13.08	84.78	No
GWC-4A	-13.08	84.78	No
GWC-22	-13.08	84.78	No
GWC-23A	-13.08	84.78	No
GWC-23	-13.08	84.78	No
GWC-16A [Stats]	0.2083	84.78	No
GWC-3A	-13.08	84.78	No
GWC-8A	104.1	84.78	Yes
GWC-12	0	84.78	No
GWC-11	0	84.78	No
GWC-12A	0	84.78	No
GWC-13	0	84.78	No
GWC-10	0	84.78	No
GWC-9	0	84.78	No
GWC-10A	0	84.78	No
GWC-2	0	84.78	No
GWA-3	0	84.78	No
GWA-1A	0	84.78	No
GWC-6	0	84.78	No
GWC-5	0	84.78	No
GWC-8	0	84.78	No
GWC-8R	172.7	84.78	Yes
GWC-14R	183.5	84.78	Yes
GWC-14A	180.8	84.78	Yes

The critical (contrast) value was computed with 28 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: 1,1-Dichloroethane (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA

Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-10A	GWA-1A	GWC-10	GWC-12A	GWA-3	GWC-14A	GWC-12	GWC-24
6/10/2019	<2	<2	<2	<2					
6/11/2019					<2	<2	9.2	<2	<2
6/12/2019									
6/13/2019									
12/9/2019	<2		<2		<2			<2	<2
12/10/2019						<2	14		
12/11/2019									
12/12/2019		<2		<2					
6/22/2020						<2			
6/23/2020	<2		<2						
6/24/2020		<2		<2	<2		10	<2	<2
12/15/2020		<2		<2	<2		11	<2	<2
12/16/2020						<2			
12/17/2020	<2		<2						
6/14/2021						<2			<2
6/15/2021	<2	<2		<2	<2		9.2	<2	
6/16/2021									
6/17/2021			<2						
12/13/2021	<2				<2			<2	
12/14/2021						<2	13		<2
12/15/2021		<2		<2					
12/16/2021			<2						
6/6/2022						<2			
6/7/2022		<2		<2	<2			<2	<2
6/8/2022	<2		<2						
6/9/2022							9.5		
12/12/2022	<2				<2			<2	
12/13/2022						<2	18		
12/14/2022		<2	<2	<2					<2
12/15/2022	<2								
6/19/2023									
6/20/2023					<2	<2	12	<2	<2
6/21/2023		<2		<2					
6/22/2023	<2		<2						
12/11/2023		<2		<2		<2			
12/12/2023	<2				<2		17	<2	<2
12/13/2023			<2						
6/24/2024					<2	<2		<2	
6/25/2024		<2		<2			13		
6/26/2024	<2		<2						<2
6/27/2024									
12/2/2024									
12/3/2024							18		<1
12/4/2024	<2	<2	<2	<2	<2	<2		<2	

Non-Parametric ANOVA

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Constituent: 1,1-Dichloroethane (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-3A	GWC-18	GWA-2 (bg)	GWC-4A	GWC-19R	GWC-11	GWC-22	GWC-6	GWC-2
6/10/2019									
6/11/2019	<2	<2	<2	<2	<2				
6/12/2019						<2	<2	<2	<2
6/13/2019									
12/9/2019		<2			<2				
12/10/2019	<2							<2	<2
12/11/2019			<2	<2			<2		
12/12/2019						<2			
6/22/2020			<2						<2
6/23/2020		<2		<2	<2		<2		
6/24/2020	<2					<2		<2	
12/15/2020		<2			<2	<2			
12/16/2020	<2								<2
12/17/2020			<2	<2			<2	<2	
6/14/2021	<2	<2			<2		<2		
6/15/2021			<2			<2		<2	<2
6/16/2021									
6/17/2021				<2					
12/13/2021			<2			<2	<2	<2	
12/14/2021		<2			<2				
12/15/2021	<2			<2					<2
12/16/2021									
6/6/2022					<2		<2		
6/7/2022	<2	<2				<2			<2
6/8/2022			<2	<2				<2	
6/9/2022									
12/12/2022	<2		<2			<2	<2		<2
12/13/2022									
12/14/2022		<2		<2	<2			<2	
12/15/2022									
6/19/2023	<2								<2
6/20/2023		<2	<2		<2	<2	<2	<2	
6/21/2023				<2					
6/22/2023									
12/11/2023						<2	<2		<2
12/12/2023	<2	<2	<2					<2	
12/13/2023				<2	<2				
6/24/2024				<2				<2	
6/25/2024	<2				<2	<2	<2		<2
6/26/2024		<2	<2						
6/27/2024									
12/2/2024	<1			<1			<1		
12/3/2024		<1			<1				
12/4/2024			<2			<2		<2	<2

Non-Parametric ANOVA

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Constituent: 1,1-Dichloroethane (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-23	GWC-5	GWC-23A	GWC-8	GWC-7	GWC-13	GWC-8A	GWC-14R	GWC-9
6/10/2019									
6/11/2019									
6/12/2019	<2	<2	<2	<2	<2	<2	2.6	18	<2
6/13/2019									
12/9/2019									
12/10/2019		<2						14	
12/11/2019	<2		<2	<2	<2	<2	3.7		
12/12/2019									<2
6/22/2020									
6/23/2020		<2		<2		<2	2.4	18	
6/24/2020	<2		<2		<2				<2
12/15/2020						<2	3.2		
12/16/2020	<2		<2	<2					
12/17/2020		<2			<2			19	<2
6/14/2021	<2		<2						
6/15/2021		<2			<2	<2			<2
6/16/2021				<2			2.5	16	
6/17/2021									
12/13/2021	<2	<2	<2		<2				<2
12/14/2021								14	
12/15/2021				<2		<2	2.3		
12/16/2021									
6/6/2022	<2		<2						
6/7/2022									<2
6/8/2022		<2			<2	<2			
6/9/2022				<2			2.1	11	
12/12/2022	<2	<2	<2		<2	<2			
12/13/2022				<2			2.5	12	
12/14/2022									<2
12/15/2022									
6/19/2023									
6/20/2023		<2			<2	<2			<2
6/21/2023	<2		<2	<2			<2	11	
6/22/2023									
12/11/2023	<2	<2	<2		<2				<2
12/12/2023				<2		<2		12	
12/13/2023							2.2		
6/24/2024		<2			<2				
6/25/2024	<2		<2			<2			<2
6/26/2024				<2			2		
6/27/2024								12	
12/2/2024	<1		<1						
12/3/2024							1.4	7.7	
12/4/2024		<2		<2	<2	<2			<2

Non-Parametric ANOVA

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Constituent: 1,1-Dichloroethane (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-8R	GWC-16A[Stats]	GWC-4
6/10/2019			
6/11/2019			
6/12/2019	12		
6/13/2019		<2	
12/9/2019			
12/10/2019			
12/11/2019	9.3	<2	
12/12/2019			
6/22/2020			
6/23/2020	13	<2	<2
6/24/2020			
12/15/2020	12		
12/16/2020			
12/17/2020		<2	<2
6/14/2021			
6/15/2021			
6/16/2021	16	<2	<2
6/17/2021			
12/13/2021			
12/14/2021			<2
12/15/2021	11		
12/16/2021		<2	
6/6/2022			
6/7/2022			
6/8/2022			<2
6/9/2022	8.8	<2	
12/12/2022			<2
12/13/2022	9		
12/14/2022		<2	
12/15/2022			
6/19/2023			
6/20/2023		2	<2
6/21/2023	9.8		
6/22/2023			
12/11/2023			
12/12/2023	8.5	<2	<2
12/13/2023			
6/24/2024			<2
6/25/2024		3.4	
6/26/2024	9		
6/27/2024			
12/2/2024			<1
12/3/2024	6.5	<1	
12/4/2024			

Non-Parametric ANOVA

Constituent: 1,4-Dichlorobenzene Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

For observations made between 6/10/2019 and 12/4/2024, the non-parametric analysis of variance test indicates NO DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is less than or equal to the Chi-squared value, we conclude that no group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 16.97

Tabulated Chi-Squared value = 42.557 with 29 degrees of freedom at the 5% significance level.

There were 2 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 1.909

Adjusted Kruskal-Wallis statistic (H') = 16.97

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in none of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-24	-15.13	84.78	No
GWC-4	-18.15	90.33	No
GWC-3A	-15.13	84.78	No
GWC-16A [Stats]	-15.13	84.78	No
GWC-18	-15.13	84.78	No
GWC-22	-15.13	84.78	No
GWC-23	-15.13	84.78	No
GWC-23A	-15.13	84.78	No
GWC-19R	-15.13	84.78	No
GWC-4A	-15.13	84.78	No
GWC-14R	-14.67	84.78	No
GWC-14A	-14.58	84.78	No
GWC-8R	-14.5	84.78	No
GWC-8A	-14.42	84.78	No
GWC-13	0	84.78	No
GWC-12A	0	84.78	No
GWC-10	0	84.78	No
GWC-10A	0	84.78	No
GWC-11	0	84.78	No
GWC-12	0	84.78	No
GWC-2	0	84.78	No
GWA-3	0	84.78	No
GWA-1A	0	84.78	No
GWC-8	0	84.78	No
GWC-9	0	84.78	No
GWC-6	0	84.78	No
GWC-5	0	84.78	No
GWC-7	0	84.78	No

The critical (contrast) value was computed with 28 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: 1,4-Dichlorobenzene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-10A	GWA-1A	GWC-10	GWC-12A	GWA-3	GWC-14A	GWC-12	GWC-24
6/10/2019	<10	<10	<10	<10					
6/11/2019					<10	<10	<10	<10	<10
6/12/2019									
6/13/2019									
12/9/2019	<10		<10		<10			<10	<10
12/10/2019						<10	<10		
12/11/2019									
12/12/2019		<10		<10					
6/22/2020						<10			
6/23/2020	<10		<10						
6/24/2020		<10		<10	<10		<10	<10	<10
12/15/2020		<10		<10	<10		<10	<10	<10
12/16/2020						<10			
12/17/2020	<10		<10						
6/14/2021						<10			<10
6/15/2021	<10	<10		<10	<10		<10	<10	
6/16/2021									
6/17/2021			<10						
12/13/2021	<10				<10			<10	
12/14/2021						<10	<10		<10
12/15/2021		<10		<10					
12/16/2021			<10						
6/6/2022						<10			
6/7/2022		<10		<10	<10			<10	<10
6/8/2022	<10		<10						
6/9/2022							<10		
12/12/2022	<10				<10			<10	
12/13/2022						<10	<10		
12/14/2022		<10	<10	<10					<10
12/15/2022	<10								
6/19/2023									
6/20/2023					<10	<10	<10	<10	<10
6/21/2023		<10		<10					
6/22/2023	<10		<10						
12/11/2023		<10		<10		<10			
12/12/2023	<10				<10		<10	<10	<10
12/13/2023			<10						
6/24/2024					<10	<10		<10	
6/25/2024		<10		<10			<10		
6/26/2024	<10		<10						<10
6/27/2024									
12/2/2024									
12/3/2024							1.7		<1
12/4/2024	<10	<10	<10	<10	<10	<10		<10	

Non-Parametric ANOVA

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Constituent: 1,4-Dichlorobenzene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-3A	GWC-18	GWA-2 (bg)	GWC-4A	GWC-19R	GWC-11	GWC-22	GWC-6	GWC-2
6/10/2019									
6/11/2019	<10	<10	<10	<10	<10				
6/12/2019						<10	<10	<10	<10
6/13/2019									
12/9/2019		<10			<10				
12/10/2019	<10							<10	<10
12/11/2019			<10	<10			<10		
12/12/2019						<10			
6/22/2020			<10						<10
6/23/2020		<10		<10	<10		<10		
6/24/2020	<10					<10		<10	
12/15/2020		<10			<10	<10			
12/16/2020	<10								<10
12/17/2020			<10	<10			<10	<10	
6/14/2021	<10	<10			<10		<10		
6/15/2021			<10			<10		<10	<10
6/16/2021									
6/17/2021				<10					
12/13/2021			<10			<10	<10	<10	
12/14/2021		<10			<10				
12/15/2021	<10			<10					<10
12/16/2021									
6/6/2022					<10		<10		
6/7/2022	<10	<10				<10			<10
6/8/2022			<10	<10				<10	
6/9/2022									
12/12/2022	<10		<10			<10	<10		<10
12/13/2022									
12/14/2022		<10		<10	<10			<10	
12/15/2022									
6/19/2023	<10								<10
6/20/2023		<10	<10		<10	<10	<10	<10	
6/21/2023				<10					
6/22/2023									
12/11/2023						<10	<10		<10
12/12/2023	<10	<10	<10					<10	
12/13/2023				<10	<10				
6/24/2024				<10				<10	
6/25/2024	<10				<10	<10	<10		<10
6/26/2024		<10	<10						
6/27/2024									
12/2/2024	<1			<1			<1		
12/3/2024		<1			<1				
12/4/2024			<10			<10		<10	<10

Non-Parametric ANOVA

Page 3

Constituent: 1,4-Dichlorobenzene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-23	GWC-5	GWC-23A	GWC-8	GWC-7	GWC-13	GWC-8A	GWC-14R	GWC-9
6/10/2019									
6/11/2019									
6/12/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10
6/13/2019									
12/9/2019									
12/10/2019		<10						<10	
12/11/2019	<10		<10	<10	<10	<10	<10		
12/12/2019									<10
6/22/2020									
6/23/2020		<10		<10		<10	<10	<10	
6/24/2020	<10		<10		<10				<10
12/15/2020						<10	<10		
12/16/2020	<10		<10	<10					
12/17/2020		<10			<10			<10	<10
6/14/2021	<10		<10						
6/15/2021		<10			<10	<10			<10
6/16/2021				<10			<10	<10	
6/17/2021									
12/13/2021	<10	<10	<10		<10				<10
12/14/2021								<10	
12/15/2021				<10		<10	<10		
12/16/2021									
6/6/2022	<10		<10						
6/7/2022									<10
6/8/2022		<10			<10	<10			
6/9/2022				<10			<10	<10	
12/12/2022	<10	<10	<10		<10	<10			
12/13/2022				<10			<10	<10	
12/14/2022									<10
12/15/2022									
6/19/2023									
6/20/2023		<10			<10	<10			<10
6/21/2023	<10		<10	<10			<10	<10	
6/22/2023									
12/11/2023	<10	<10	<10		<10				<10
12/12/2023				<10		<10		<10	
12/13/2023							<10		
6/24/2024		<10			<10				
6/25/2024	<10		<10			<10			<10
6/26/2024				<10			<10		
6/27/2024								<10	
12/2/2024	<1		<1						
12/3/2024							7.6	1.1	
12/4/2024		<10		<10	<10	<10			<10

Non-Parametric ANOVA

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Constituent: 1,4-Dichlorobenzene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-8R	GWC-16A[Stats]	GWC-4
6/10/2019			
6/11/2019			
6/12/2019	<10		
6/13/2019		<10	
12/9/2019			
12/10/2019			
12/11/2019	<10	<10	
12/12/2019			
6/22/2020			
6/23/2020	<10	<10	<10
6/24/2020			
12/15/2020	<10		
12/16/2020			
12/17/2020		<10	<10
6/14/2021			
6/15/2021			
6/16/2021	<10	<10	<10
6/17/2021			
12/13/2021			
12/14/2021			<10
12/15/2021	<10		
12/16/2021		<10	
6/6/2022			
6/7/2022			
6/8/2022			<10
6/9/2022	<10	<10	
12/12/2022			<10
12/13/2022	<10		
12/14/2022		<10	
12/15/2022			
6/19/2023			
6/20/2023		<10	<10
6/21/2023	<10		
6/22/2023			
12/11/2023			
12/12/2023	<10	<10	<10
12/13/2023			
6/24/2024			<10
6/25/2024		<10	
6/26/2024	<10		
6/27/2024			
12/2/2024			<1
12/3/2024	2.3	<1	
12/4/2024			

Non-Parametric ANOVA

Constituent: Barium Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

For observations made between 6/10/2019 and 12/5/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 286.8

Tabulated Chi-Squared value = 40.113 with 27 degrees of freedom at the 5% significance level.

There were 37 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 270.2

Adjusted Kruskal-Wallis statistic (H') = 286.8

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 7 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-24	-68.57	83.3	No
GWC-6	-100.1	78.18	No
GWC-16A [Stats]	-19.3	80.55	No
GWC-13	-80.04	78.18	No
GWC-5	-100.1	78.18	No
GWC-23	-94.62	78.18	No
GWC-4A	26.3	78.18	No
GWC-10	-80.26	80.55	No
GWC-12	-86.79	78.18	No
GWC-11	-15.62	78.18	No
GWC-12A	-100.1	78.18	No
GWC-2	-89.37	78.18	No
GWA-3	-92.49	78.18	No
GWC-23A	-88.08	78.18	No
GWC-4	-14.62	83.3	No
GWC-22	-4.62	78.18	No
GWC-8	60.71	78.18	No
GWC-10A	61.01	78.18	No
GWA-1A	64.55	78.18	No
GWC-7	81.76	78.18	Yes
GWC-3A	82.96	78.18	Yes
GWC-8A	102.6	78.18	Yes
GWC-9	126.8	78.18	Yes
GWC-19R	135.6	78.18	Yes
GWC-18	154.4	78.18	Yes
GWC-14A	153.9	78.18	Yes

The critical (contrast) value was computed with 26 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric anova because the Chi Squared normality test showed the residuals to be non-normal at the 0.01 alpha level.

Non-Parametric ANOVA

Constituent: Barium (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1A	GWA-1 (bg)	GWC-10	GWC-10A	GWC-24	GWC-3A	GWC-4A	GWA-3	GWA-2 (bg)
6/10/2019	41								
6/11/2019		28	22	33					
6/12/2019					20	46	74	<20	23
6/13/2019									
12/9/2019	30								
12/10/2019		20.9			27.4				
12/11/2019						40.7		22.9	
12/12/2019							<20		39.5
12/13/2019			<20	35.2					
6/23/2020	30.3							<20	20
6/24/2020		22.3					29.9		
6/25/2020			<20	29.6	25.8	37.1			
12/16/2020			<20	32.5					
12/17/2020	31.9					31.6		<20	
12/18/2020		27					30.5		22
12/22/2020									
6/15/2021					<20	36.5		<20	
6/16/2021		26.1	<20	31.5					24.2
6/17/2021	37.4								
6/18/2021							35.7		
12/14/2021		24.1							24.9
12/15/2021								<20	
12/16/2021	32.3		<20	33.5		32.8	<20		
6/7/2022								<20	
6/8/2022	31.8		<20	31.8	<20	32.3	36.3		
6/9/2022		20.4							22.4
6/10/2022									
12/12/2022		<20							
12/13/2022						35.4			20.6
12/14/2022	34.8							<20	
12/15/2022		27.7	<20	38.6	<20		33		
6/20/2023						36.3			
6/21/2023					<20			<20	22.6
6/22/2023	33.8	23	<20	30.6			54.6		
12/12/2023			29.3	38.1				<20	
12/13/2023	40.5	29.7			<20	43.2	45.7		27.5
12/14/2023									
6/25/2024							<20	<20	
6/26/2024	32.2		<20	33.3		43.5			
6/27/2024		23.2			<20				21.6
12/3/2024						41	<22		
12/4/2024					<20				
12/5/2024	31	24		30				<20	24

Non-Parametric ANOVA

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Constituent: Barium (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-12A	GWC-19R	GWC-14A	GWC-18	GWC-12	GWC-11	GWC-2	GWC-16A[Stats]	GWC-5
6/10/2019									
6/11/2019									
6/12/2019	<20	97	170	230	20				
6/13/2019						40	<20	26	<20
12/9/2019									
12/10/2019	<20	89.2		181	<20				
12/11/2019			170				<20		<20
12/12/2019								26.7	
12/13/2019						35.9			
6/23/2020							27.5	23.6	
6/24/2020		83	171	168					<20
6/25/2020	<20				<20	25.9			
12/16/2020	<20	76.5	171	160		25.4			
12/17/2020							<20	25.2	
12/18/2020									<20
12/22/2020					22.6				
6/15/2021		82.2		165					
6/16/2021	<20		173		<20	22.1	<20	24.3	<20
6/17/2021									
6/18/2021									
12/14/2021	<20				<20	23.3			<20
12/15/2021		87	179	141					
12/16/2021							<20	23.6	
6/7/2022		85.6							
6/8/2022	<20			196	<20	<20	<20		
6/9/2022									<20
6/10/2022			167					<20	
12/12/2022									
12/13/2022	<20				<20	23.2	<20		<20
12/14/2022			181						
12/15/2022		180		178				23.6	
6/20/2023							<20		
6/21/2023	<20	97.4	161	219	<20	<20			<20
6/22/2023									
12/12/2023						27.8	<20		<20
12/13/2023	<20		187	192	<20			26.3	
12/14/2023		101							
6/25/2024	<20				<20				<20
6/26/2024		99.7	150			<20	<20		
6/27/2024				120				<20	
12/3/2024									
12/4/2024		83	170	130				<20	
12/5/2024	<20				<20	<20	<20		<20

Non-Parametric ANOVA

Constituent: Barium (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-7	GWC-8	GWC-22	GWC-23A	GWC-23	GWC-13	GWC-6	GWC-9	GWC-8A
6/10/2019									
6/11/2019									
6/12/2019									
6/13/2019	48	30	21	<20	<20	<20	<20	80	33
12/9/2019									
12/10/2019									
12/11/2019							<20		
12/12/2019	49.9	28.6	21.5	<20	<20	32.7			56
12/13/2019								67.9	
6/23/2020									
6/24/2020		52.4	22.1	<20	<20	<20			43.9
6/25/2020	36.4						<20	78.5	
12/16/2020						<20			46.8
12/17/2020		33		<20	<20				
12/18/2020	38.8		20.4				<20	90	
12/22/2020									
6/15/2021			28	<20	<20				
6/16/2021	36.9					<20	<20	64.3	
6/17/2021		42.5							52.4
6/18/2021									
12/14/2021	41.8		24.6	<20	<20		<20	100	
12/15/2021									
12/16/2021		33.5				<20			49.7
6/7/2022			25.8	<20	<20				
6/8/2022								55.7	
6/9/2022	36.4					<20	<20		
6/10/2022		33.5							39.9
12/12/2022									
12/13/2022	35.6		24.1	<20	<20	<20			
12/14/2022		34							52.7
12/15/2022							<20	87.8	
6/20/2023									
6/21/2023	34.8		24.4			<20	<20	69.6	
6/22/2023		30		<20	<20				36.9
12/12/2023	37.1		23.7	21.1	<20			93.6	
12/13/2023		39.8				21.8	<20		
12/14/2023									47.9
6/25/2024	31.2						<20		
6/26/2024			22.4	<20	<20	<20		62.5	
6/27/2024		25.5							43.9
12/3/2024			<22	<22	<22				
12/4/2024									44
12/5/2024	30	26				<20	<20	54	

Non-Parametric ANOVA

Constituent: Barium (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

GWC-4

6/10/2019	
6/11/2019	
6/12/2019	
6/13/2019	
12/9/2019	
12/10/2019	
12/11/2019	
12/12/2019	
12/13/2019	
6/23/2020	
6/24/2020	25.6
6/25/2020	
12/16/2020	
12/17/2020	
12/18/2020	31.5
12/22/2020	
6/15/2021	
6/16/2021	
6/17/2021	24.5
6/18/2021	
12/14/2021	
12/15/2021	21
12/16/2021	
6/7/2022	
6/8/2022	
6/9/2022	<20
6/10/2022	
12/12/2022	
12/13/2022	20
12/14/2022	
12/15/2022	
6/20/2023	
6/21/2023	<20
6/22/2023	
12/12/2023	
12/13/2023	24.2
12/14/2023	
6/25/2024	24
6/26/2024	
6/27/2024	
12/3/2024	26
12/4/2024	
12/5/2024	

Non-Parametric ANOVA

Constituent: Benzene Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

For observations made between 6/10/2019 and 12/4/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 160.3

Tabulated Chi-Squared value = 42.557 with 29 degrees of freedom at the 5% significance level.

There were 7 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 39.16

Adjusted Kruskal-Wallis statistic (H') = 160.3

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 1 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-24	-14.21	84.78	No
GWC-22	-14.21	84.78	No
GWC-18	0.875	84.78	No
GWC-16A [Stats]	0.9583	84.78	No
GWC-3A	-14.21	84.78	No
GWC-23A	-14.21	84.78	No
GWC-4	-17.05	90.33	No
GWC-23	-14.21	84.78	No
GWC-8R	-14.21	84.78	No
GWC-4A	-14.21	84.78	No
GWC-14R	-14.21	84.78	No
GWC-19R	-14.21	84.78	No
GWC-8A	56.25	84.78	No
GWC-13	0	84.78	No
GWC-12A	0	84.78	No
GWC-12	0	84.78	No
GWC-10A	0	84.78	No
GWC-10	0	84.78	No
GWC-9	0	84.78	No
GWC-11	0	84.78	No
GWC-2	0	84.78	No
GWA-3	0	84.78	No
GWA-1A	0	84.78	No
GWC-8	0	84.78	No
GWC-7	0	84.78	No
GWC-5	0	84.78	No
GWC-6	0	84.78	No
GWC-14A	173.8	84.78	Yes

The critical (contrast) value was computed with 28 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: Benzene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-10A	GWA-1A	GWC-10	GWC-12A	GWA-3	GWC-14A	GWC-12	GWC-24
6/10/2019	<2	<2	<2	<2					
6/11/2019					<2	<2	2.1	<2	<2
6/12/2019									
6/13/2019									
12/9/2019	<2		<2		<2			<2	<2
12/10/2019						<2	2.6		
12/11/2019									
12/12/2019		<2		<2					
6/22/2020						<2			
6/23/2020	<2		<2						
6/24/2020		<2		<2	<2		2.5	<2	<2
12/15/2020		<2		<2	<2		2.9	<2	<2
12/16/2020						<2			
12/17/2020	<2		<2						
6/14/2021						<2			<2
6/15/2021	<2	<2		<2	<2		2.6	<2	
6/16/2021									
6/17/2021			<2						
12/13/2021	<2				<2			<2	
12/14/2021						<2	3		<2
12/15/2021		<2		<2					
12/16/2021			<2						
6/6/2022						<2			
6/7/2022		<2		<2	<2			<2	<2
6/8/2022	<2		<2						
6/9/2022							2.5		
12/12/2022	<2				<2			<2	
12/13/2022						<2	3.3		
12/14/2022		<2	<2	<2					<2
12/15/2022	<2								
6/19/2023									
6/20/2023					<2	<2	2.8	<2	<2
6/21/2023		<2		<2					
6/22/2023	<2		<2						
12/11/2023		<2		<2		<2			
12/12/2023	<2				<2		3.4	<2	<2
12/13/2023			<2						
6/24/2024					<2	<2		<2	
6/25/2024		<2		<2			3.1		
6/26/2024	<2		<2						<2
6/27/2024									
12/2/2024									
12/3/2024							2.9		<1
12/4/2024	<2	<2	<2	<2	<2	<2		<2	

Non-Parametric ANOVA

Page 2

Constituent: Benzene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-3A	GWC-18	GWA-2 (bg)	GWC-4A	GWC-19R	GWC-11	GWC-22	GWC-6	GWC-2
6/10/2019									
6/11/2019	<2	<2	<2	<2	<2				
6/12/2019						<2	<2	<2	<2
6/13/2019									
12/9/2019		<2			<2				
12/10/2019	<2							<2	<2
12/11/2019			<2	<2			<2		
12/12/2019						<2			
6/22/2020			<2						<2
6/23/2020		<2		<2	<2		<2		
6/24/2020	<2					<2		<2	
12/15/2020		<2			<2	<2			
12/16/2020	<2								<2
12/17/2020			<2	<2			<2	<2	
6/14/2021	<2	<2			<2		<2		
6/15/2021			<2			<2		<2	<2
6/16/2021									
6/17/2021				<2					
12/13/2021			<2			<2	<2	<2	
12/14/2021		<2			<2				
12/15/2021	<2			<2					<2
12/16/2021									
6/6/2022					<2		<2		
6/7/2022	<2	<2				<2			<2
6/8/2022			<2	<2				<2	
6/9/2022									
12/12/2022	<2		<2			<2	<2		<2
12/13/2022									
12/14/2022		<2		<2	<2			<2	
12/15/2022									
6/19/2023	<2								<2
6/20/2023		<2	<2		<2	<2	<2	<2	
6/21/2023				<2					
6/22/2023									
12/11/2023						<2	<2		<2
12/12/2023	<2	<2	<2					<2	
12/13/2023				<2	<2				
6/24/2024				<2				<2	
6/25/2024	<2				<2	<2	<2		<2
6/26/2024		3.8	<2						
6/27/2024									
12/2/2024	<1			<1			<1		
12/3/2024		<1			<1				
12/4/2024			<2			<2		<2	<2

Non-Parametric ANOVA

Constituent: Benzene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-23	GWC-5	GWC-23A	GWC-8	GWC-7	GWC-13	GWC-8A	GWC-14R	GWC-9
6/10/2019									
6/11/2019									
6/12/2019	<2	<2	<2	<2	<2	<2	<2	<2	<2
6/13/2019									
12/9/2019									
12/10/2019		<2						<2	
12/11/2019	<2		<2	<2	<2	<2	2.8		
12/12/2019									<2
6/22/2020									
6/23/2020		<2		<2		<2	<2	<2	
6/24/2020	<2		<2		<2				<2
12/15/2020						<2	2.3		
12/16/2020	<2		<2	<2					
12/17/2020		<2			<2			<2	<2
6/14/2021	<2		<2						
6/15/2021		<2			<2	<2			<2
6/16/2021				<2			<2	<2	
6/17/2021									
12/13/2021	<2	<2	<2		<2				<2
12/14/2021								<2	
12/15/2021				<2		<2	<2		
12/16/2021									
6/6/2022	<2		<2						
6/7/2022									<2
6/8/2022		<2			<2	<2			
6/9/2022				<2			2	<2	
12/12/2022	<2	<2	<2		<2	<2			
12/13/2022				<2			2.4	<2	
12/14/2022									<2
12/15/2022									
6/19/2023									
6/20/2023		<2			<2	<2			<2
6/21/2023	<2		<2	<2			<2	<2	
6/22/2023									
12/11/2023	<2	<2	<2		<2				<2
12/12/2023				<2		<2		<2	
12/13/2023							2.2		
6/24/2024		<2			<2				
6/25/2024	<2		<2			<2			<2
6/26/2024				<2			2.1		
6/27/2024								<2	
12/2/2024	<1		<1						
12/3/2024							1.6	<1	
12/4/2024		<2		<2	<2	<2			<2

Non-Parametric ANOVA

Constituent: Benzene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-8R	GWC-16A[Stats]	GWC-4
6/10/2019			
6/11/2019			
6/12/2019	<2		
6/13/2019		<2	
12/9/2019			
12/10/2019			
12/11/2019	<2	<2	
12/12/2019			
6/22/2020			
6/23/2020	<2	<2	<2
6/24/2020			
12/15/2020	<2		
12/16/2020			
12/17/2020		<2	<2
6/14/2021			
6/15/2021			
6/16/2021	2	<2	<2
6/17/2021			
12/13/2021			
12/14/2021			<2
12/15/2021	<2		
12/16/2021		<2	
6/6/2022			
6/7/2022			
6/8/2022			<2
6/9/2022	<2	<2	
12/12/2022			<2
12/13/2022	<2		
12/14/2022		<2	
12/15/2022			
6/19/2023			
6/20/2023		<2	<2
6/21/2023	<2		
6/22/2023			
12/11/2023			
12/12/2023	<2	<2	<2
12/13/2023			
6/24/2024			<2
6/25/2024		4.7	
6/26/2024	<2		
6/27/2024			
12/2/2024			<1
12/3/2024	<1	<1	
12/4/2024			

Non-Parametric ANOVA

Constituent: Chlorobenzene Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

For observations made between 6/10/2019 and 12/4/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 98.6

Tabulated Chi-Squared value = 42.557 with 29 degrees of freedom at the 5% significance level.

There were 5 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 17.76

Adjusted Kruskal-Wallis statistic (H') = 98.6

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 1 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-24	-14.63	84.78	No
GWC-3A	-14.63	84.78	No
GWC-16A [Stats]	-14.63	84.78	No
GWC-23A	-14.63	84.78	No
GWC-8A	-14.63	84.78	No
GWC-8R	-14.63	84.78	No
GWC-18	-14.63	84.78	No
GWC-4	-17.55	90.33	No
GWC-19R	-14.63	84.78	No
GWC-14R	-14.63	84.78	No
GWC-4A	-14.63	84.78	No
GWC-23	-14.63	84.78	No
GWC-22	-14.63	84.78	No
GWC-14A	115.3	84.78	Yes
GWC-12A	0	84.78	No
GWC-12	0	84.78	No
GWC-13	0	84.78	No
GWC-10A	0	84.78	No
GWC-10	0	84.78	No
GWC-11	0	84.78	No
GWC-9	0	84.78	No
GWC-2	0	84.78	No
GWA-3	0	84.78	No
GWA-1A	0	84.78	No
GWC-8	0	84.78	No
GWC-7	0	84.78	No
GWC-6	0	84.78	No
GWC-5	0	84.78	No

The critical (contrast) value was computed with 28 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: Chlorobenzene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-10A	GWA-1A	GWC-10	GWC-12A	GWA-3	GWC-14A	GWC-12	GWC-24
6/10/2019	<10	<10	<10	<10					
6/11/2019					<10	<10	<10	<10	<10
6/12/2019									
6/13/2019									
12/9/2019	<10		<10		<10			<10	<10
12/10/2019						<10	<10		
12/11/2019									
12/12/2019		<10		<10					
6/22/2020						<10			
6/23/2020	<10		<10						
6/24/2020		<10		<10	<10		12	<10	<10
12/15/2020		<10		<10	<10		16	<10	<10
12/16/2020						<10			
12/17/2020	<10		<10						
6/14/2021						<10			<10
6/15/2021	<10	<10		<10	<10		15	<10	
6/16/2021									
6/17/2021			<10						
12/13/2021	<10				<10			<10	
12/14/2021						<10	15		<10
12/15/2021		<10		<10					
12/16/2021			<10						
6/6/2022						<10			
6/7/2022		<10		<10	<10			<10	<10
6/8/2022	<10		<10						
6/9/2022							17		
12/12/2022	<10				<10			<10	
12/13/2022						<10	14		
12/14/2022		<10	<10	<10					<10
12/15/2022	<10								
6/19/2023									
6/20/2023					<10	<10	12	<10	<10
6/21/2023		<10		<10					
6/22/2023	<10		<10						
12/11/2023		<10		<10		<10			
12/12/2023	<10				<10		13	<10	<10
12/13/2023			<10						
6/24/2024					<10	<10		<10	
6/25/2024		<10		<10			14		
6/26/2024	<10		<10						<10
6/27/2024									
12/2/2024									
12/3/2024							9.1		<1
12/4/2024	<10	<10	<10	<10	<10	<10		<10	

Non-Parametric ANOVA

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Constituent: Chlorobenzene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-3A	GWC-18	GWA-2 (bg)	GWC-4A	GWC-19R	GWC-11	GWC-22	GWC-6	GWC-2
6/10/2019									
6/11/2019	<10	<10	<10	<10	<10				
6/12/2019						<10	<10	<10	<10
6/13/2019									
12/9/2019		<10			<10				
12/10/2019	<10							<10	<10
12/11/2019			<10	<10			<10		
12/12/2019						<10			
6/22/2020			<10						<10
6/23/2020		<10		<10	<10		<10		
6/24/2020	<10					<10		<10	
12/15/2020		<10			<10	<10			
12/16/2020	<10								<10
12/17/2020			<10	<10			<10	<10	
6/14/2021	<10	<10			<10		<10		
6/15/2021			<10			<10		<10	<10
6/16/2021									
6/17/2021				<10					
12/13/2021			<10			<10	<10	<10	
12/14/2021		<10			<10				
12/15/2021	<10			<10					<10
12/16/2021									
6/6/2022					<10		<10		
6/7/2022	<10	<10				<10			<10
6/8/2022			<10	<10				<10	
6/9/2022									
12/12/2022	<10		<10			<10	<10		<10
12/13/2022									
12/14/2022		<10		<10	<10			<10	
12/15/2022									
6/19/2023	<10								<10
6/20/2023		<10	<10		<10	<10	<10	<10	
6/21/2023				<10					
6/22/2023									
12/11/2023						<10	<10		<10
12/12/2023	<10	<10	<10					<10	
12/13/2023				<10	<10				
6/24/2024				<10				<10	
6/25/2024	<10				<10	<10	<10		<10
6/26/2024		<10	<10						
6/27/2024									
12/2/2024	<1			<1			<1		
12/3/2024		<1			<1				
12/4/2024			<10			<10		<10	<10

Non-Parametric ANOVA

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Constituent: Chlorobenzene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-23	GWC-5	GWC-23A	GWC-8	GWC-7	GWC-13	GWC-8A	GWC-14R	GWC-9
6/10/2019									
6/11/2019									
6/12/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10
6/13/2019									
12/9/2019									
12/10/2019		<10						<10	
12/11/2019	<10		<10	<10	<10	<10	<10		
12/12/2019									<10
6/22/2020									
6/23/2020		<10		<10		<10	<10	<10	
6/24/2020	<10		<10		<10				<10
12/15/2020						<10	<10		
12/16/2020	<10		<10	<10					
12/17/2020		<10			<10			<10	<10
6/14/2021	<10		<10						
6/15/2021		<10			<10	<10			<10
6/16/2021				<10			<10	<10	
6/17/2021									
12/13/2021	<10	<10	<10		<10				<10
12/14/2021								<10	
12/15/2021				<10		<10	<10		
12/16/2021									
6/6/2022	<10		<10						
6/7/2022									<10
6/8/2022		<10			<10	<10			
6/9/2022				<10			<10	<10	
12/12/2022	<10	<10	<10		<10	<10			
12/13/2022				<10			<10	<10	
12/14/2022									<10
12/15/2022									
6/19/2023									
6/20/2023		<10			<10	<10			<10
6/21/2023	<10		<10	<10			<10	<10	
6/22/2023									
12/11/2023	<10	<10	<10		<10				<10
12/12/2023				<10		<10		<10	
12/13/2023							<10		
6/24/2024		<10			<10				
6/25/2024	<10		<10			<10			<10
6/26/2024				<10			<10		
6/27/2024								<10	
12/2/2024	<1		<1						
12/3/2024							<1	<1	
12/4/2024		<10		<10	<10	<10			<10

Non-Parametric ANOVA

Constituent: Chlorobenzene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-8R	GWC-16A[Stats]	GWC-4
6/10/2019			
6/11/2019			
6/12/2019	<10		
6/13/2019		<10	
12/9/2019			
12/10/2019			
12/11/2019	<10	<10	
12/12/2019			
6/22/2020			
6/23/2020	<10	<10	<10
6/24/2020			
12/15/2020	<10		
12/16/2020			
12/17/2020		<10	<10
6/14/2021			
6/15/2021			
6/16/2021	<10	<10	<10
6/17/2021			
12/13/2021			
12/14/2021			<10
12/15/2021	<10		
12/16/2021		<10	
6/6/2022			
6/7/2022			
6/8/2022			<10
6/9/2022	<10	<10	
12/12/2022			<10
12/13/2022	<10		
12/14/2022		<10	
12/15/2022			
6/19/2023			
6/20/2023		<10	<10
6/21/2023	<10		
6/22/2023			
12/11/2023			
12/12/2023	<10	<10	<10
12/13/2023			
6/24/2024			<10
6/25/2024		<10	
6/26/2024	<10		
6/27/2024			
12/2/2024			<1
12/3/2024	<1	<1	
12/4/2024			

Non-Parametric ANOVA

Constituent: cis-1,2-Dichloroethene Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

For observations made between 6/10/2019 and 12/4/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 304.5

Tabulated Chi-Squared value = 42.557 with 29 degrees of freedom at the 5% significance level.

There were 21 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 184.7

Adjusted Kruskal-Wallis statistic (H') = 304.5

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 6 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-24	37	84.78	No
GWC-4	-13.55	90.33	No
GWC-4A	-11.29	84.78	No
GWC-23A	-11.29	84.78	No
GWC-16A [Stats]	57.75	84.78	No
GWC-3A	-11.29	84.78	No
GWC-22	-11.29	84.78	No
GWC-23	-11.29	84.78	No
GWC-11	0	84.78	No
GWC-10A	0	84.78	No
GWC-12	0	84.78	No
GWC-12A	0	84.78	No
GWC-9	0	84.78	No
GWC-10	0	84.78	No
GWC-13	0	84.78	No
GWC-8	72.46	84.78	No
GWC-2	0	84.78	No
GWA-3	0	84.78	No
GWA-1A	0	84.78	No
GWC-6	0	84.78	No
GWC-7	0	84.78	No
GWC-5	0	84.78	No
GWC-19R	150.9	84.78	Yes
GWC-18	171.3	84.78	Yes
GWC-14R	177.8	84.78	Yes
GWC-8R	191.7	84.78	Yes
GWC-8A	192.1	84.78	Yes
GWC-14A	213.5	84.78	Yes

The critical (contrast) value was computed with 28 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: cis-1,2-Dichloroethene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA

Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-10A	GWA-1A	GWC-10	GWC-12A	GWA-3	GWC-14A	GWC-12	GWC-24
6/10/2019	<2	<2	<2	<2					
6/11/2019					<2	<2	46	<2	4.4
6/12/2019									
6/13/2019									
12/9/2019	<2		<2		<2			<2	6.1
12/10/2019						<2	65		
12/11/2019									
12/12/2019		<2		<2					
6/22/2020						<2			
6/23/2020	<2		<2						
6/24/2020		<2		<2	<2		62	<2	3
12/15/2020		<2		<2	<2		69	<2	3.5
12/16/2020						<2			
12/17/2020	<2		<2						
6/14/2021						<2			<2
6/15/2021	<2	<2		<2	<2		59	<2	
6/16/2021									
6/17/2021			<2						
12/13/2021	<2				<2			<2	
12/14/2021						<2	77		<2
12/15/2021		<2		<2					
12/16/2021			<2						
6/6/2022						<2			
6/7/2022		<2		<2	<2			<2	<2
6/8/2022	<2		<2						
6/9/2022							54		
12/12/2022	<2				<2			<2	
12/13/2022						<2	86		
12/14/2022		<2	<2	<2					<2
12/15/2022	<2								
6/19/2023									
6/20/2023					<2	<2	54	<2	<2
6/21/2023		<2		<2					
6/22/2023	<2		<2						
12/11/2023		<2		<2		<2			
12/12/2023	<2				<2		82	<2	<2
12/13/2023			<2						
6/24/2024					<2	<2		<2	
6/25/2024		<2		<2			57		
6/26/2024	<2		<2						<2
6/27/2024									
12/2/2024									
12/3/2024							73		<1
12/4/2024	<2	<2	<2	<2	<2	<2		<2	

Non-Parametric ANOVA

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Constituent: cis-1,2-Dichloroethene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-3A	GWC-18	GWA-2 (bg)	GWC-4A	GWC-19R	GWC-11	GWC-22	GWC-6	GWC-2
6/10/2019									
6/11/2019	<2	14	<2	<2	7.7				
6/12/2019						<2	<2	<2	<2
6/13/2019									
12/9/2019		30			11				
12/10/2019	<2							<2	<2
12/11/2019			<2	<2			<2		
12/12/2019						<2			
6/22/2020			<2						<2
6/23/2020		10		<2	7.2		<2		
6/24/2020	<2					<2		<2	
12/15/2020		26			7.9	<2			
12/16/2020	<2								<2
12/17/2020			<2	<2			<2	<2	
6/14/2021	<2	6.2			5.3		<2		
6/15/2021			<2			<2		<2	<2
6/16/2021									
6/17/2021				<2					
12/13/2021			<2			<2	<2	<2	
12/14/2021		10			7.9				
12/15/2021	<2			<2					<2
12/16/2021									
6/6/2022					4		<2		
6/7/2022	<2	13				<2			<2
6/8/2022			<2	<2				<2	
6/9/2022									
12/12/2022	<2		<2			<2	<2		<2
12/13/2022									
12/14/2022		20		<2	9.9			<2	
12/15/2022									
6/19/2023	<2								<2
6/20/2023		11	<2		3	<2	<2	<2	
6/21/2023				<2					
6/22/2023									
12/11/2023						<2	<2		<2
12/12/2023	<2	26	<2					<2	
12/13/2023				<2	11				
6/24/2024				<2				<2	
6/25/2024	<2				2.6	<2	<2		<2
6/26/2024		17	<2						
6/27/2024									
12/2/2024	<1			<1			<1		
12/3/2024		23			3.9				
12/4/2024			<2			<2		<2	<2

Non-Parametric ANOVA

Constituent: cis-1,2-Dichloroethene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-23	GWC-5	GWC-23A	GWC-8	GWC-7	GWC-13	GWC-8A	GWC-14R	GWC-9
6/10/2019									
6/11/2019									
6/12/2019	<2	<2	<2	<2	<2	<2	22	21	<2
6/13/2019									
12/9/2019									
12/10/2019		<2						19	
12/11/2019	<2		<2	2.8	<2	<2	33		
12/12/2019									<2
6/22/2020									
6/23/2020		<2		<2		<2	23	26	
6/24/2020	<2		<2		<2				<2
12/15/2020						<2	31		
12/16/2020	<2		<2	<2					
12/17/2020		<2			<2			28	<2
6/14/2021	<2		<2						
6/15/2021		<2			<2	<2			<2
6/16/2021				<2			24	26	
6/17/2021									
12/13/2021	<2	<2	<2		<2				<2
12/14/2021								24	
12/15/2021				<2		<2	24		
12/16/2021									
6/6/2022	<2		<2						
6/7/2022									<2
6/8/2022		<2			<2	<2			
6/9/2022				<2			27	21	
12/12/2022	<2	<2	<2		<2	<2			
12/13/2022				3.4			35	22	
12/14/2022									<2
12/15/2022									
6/19/2023									
6/20/2023		<2			<2	<2			<2
6/21/2023	<2		<2	2.7			23	20	
6/22/2023									
12/11/2023	<2	<2	<2		<2				<2
12/12/2023				9.1		<2		23	
12/13/2023							33		
6/24/2024		<2			<2				
6/25/2024	<2		<2			<2			<2
6/26/2024				5			29		
6/27/2024								21	
12/2/2024	<1		<1						
12/3/2024							27	15	
12/4/2024		<2		5.2	<2	<2			<2

Non-Parametric ANOVA

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Constituent: cis-1,2-Dichloroethene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-8R	GWC-16A[Stats]	GWC-4
6/10/2019			
6/11/2019			
6/12/2019	21		
6/13/2019		<2	
12/9/2019			
12/10/2019			
12/11/2019	24	2.1	
12/12/2019			
6/22/2020			
6/23/2020	27	2.2	<2
6/24/2020			
12/15/2020	30		
12/16/2020			
12/17/2020		2.3	<2
6/14/2021			
6/15/2021			
6/16/2021	32	2.1	<2
6/17/2021			
12/13/2021			
12/14/2021			<2
12/15/2021	24		
12/16/2021		<2	
6/6/2022			
6/7/2022			
6/8/2022			<2
6/9/2022	24	<2	
12/12/2022			<2
12/13/2022	29		
12/14/2022		<2	
12/15/2022			
6/19/2023			
6/20/2023		9	<2
6/21/2023	28		
6/22/2023			
12/11/2023			
12/12/2023	29	<2	<2
12/13/2023			
6/24/2024			<2
6/25/2024		2.8	
6/26/2024	31		
6/27/2024			
12/2/2024			<1
12/3/2024	24	<1	
12/4/2024			

Non-Parametric ANOVA

Constituent: Cobalt Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

For observations made between 6/10/2019 and 12/5/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 186.1

Tabulated Chi-Squared value = 40.113 with 27 degrees of freedom at the 5% significance level.

There were 4 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 37.62

Adjusted Kruskal-Wallis statistic (H') = 186.1

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 1 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-12	0	78.18	No
GWC-11	0	78.18	No
GWC-12A	0	78.18	No
GWC-13	0	78.18	No
GWC-10	0	80.55	No
GWC-9	0	78.18	No
GWC-24	16.35	83.3	No
GWC-10A	0	78.18	No
GWC-23	13.13	78.18	No
GWC-22	13.13	78.18	No
GWC-23A	13.13	78.18	No
GWC-18	13.63	78.18	No
GWC-16A [Stats]	14.86	80.55	No
GWC-19R	39.88	78.18	No
GWC-8A	0	78.18	No
GWC-2	0	78.18	No
GWA-3	0	78.18	No
GWC-4	15.75	83.3	No
GWC-3A	13.13	78.18	No
GWA-1A	0	78.18	No
GWC-7	0	78.18	No
GWC-6	0	78.18	No
GWC-8	0	78.18	No
GWC-4A	13.13	78.18	No
GWC-5	0	78.18	No
GWC-14A	171.5	78.18	Yes

The critical (contrast) value was computed with 26 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: Cobalt (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1A	GWA-1 (bg)	GWC-10	GWC-10A	GWC-24	GWC-3A	GWC-4A	GWA-3	GWA-2 (bg)
6/10/2019	<40								
6/11/2019		<40	<40	<40					
6/12/2019					<40	<40	<40	<40	<40
6/13/2019									
12/9/2019	<40								
12/10/2019		<40			<40				
12/11/2019						<40		<40	
12/12/2019							<40		<40
12/13/2019			<40	<40					
6/23/2020	<40							<40	<40
6/24/2020		<40					<40		
6/25/2020			<40	<40	<40	<40			
12/16/2020			<40	<40					
12/17/2020	<40					<40		<40	
12/18/2020		<40					<40		<40
12/22/2020									
6/15/2021					<40	<40		<40	
6/16/2021		<40	<40	<40					<40
6/17/2021	<40								
6/18/2021							<40		
12/14/2021		<40							<40
12/15/2021								<40	
12/16/2021	<40		<40	<40		<40	<40		
6/7/2022								<40	
6/8/2022	<40		<40	<40	<50	<40	<40		
6/9/2022		<40							<40
6/10/2022									
12/12/2022		<40							
12/13/2022						<40			<40
12/14/2022	<40							<40	
12/15/2022		<40	<40	<40	<40		<40		
6/20/2023						<40			
6/21/2023					<40			<40	<40
6/22/2023	<40	<40	<40	<40			<40		
12/12/2023			<40	<40				<40	
12/13/2023	<40	<40			<40	<40	<40		<40
12/14/2023									
6/25/2024							<40	<40	
6/26/2024	<40		<40	<40		<40			
6/27/2024		<40			<40				<40
12/3/2024						<44	<44		
12/4/2024					<40				
12/5/2024	<40	<40		<40				<40	<40

Non-Parametric ANOVA

Constituent: Cobalt (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-12A	GWC-19R	GWC-14A	GWC-18	GWC-12	GWC-11	GWC-2	GWC-16A[Stats]	GWC-5
6/10/2019									
6/11/2019									
6/12/2019	<40	<40	330	<40	<40				
6/13/2019						<40	<40	<40	<40
12/9/2019									
12/10/2019	<40	<40		<40	<40				
12/11/2019			228				<40		<40
12/12/2019								<40	
12/13/2019						<40			
6/23/2020							<40	<40	
6/24/2020		<40	301	<40					<40
6/25/2020	<40				<40	<40			
12/16/2020	<40	<40	298	<40		<40			
12/17/2020							<40	<40	
12/18/2020									<40
12/22/2020					<40				
6/15/2021		45.2		<40					
6/16/2021	<40		306		<40	<40	<40	<40	<40
6/17/2021									
6/18/2021									
12/14/2021	<40				<40	<40			<40
12/15/2021		40.4	192	<40					
12/16/2021							<40	<40	
6/7/2022		<50							
6/8/2022	<40			<50	<40	<40	<40		
6/9/2022									<40
6/10/2022			252					<50	
12/12/2022									
12/13/2022	<40				<40	<40	<40		<40
12/14/2022			192						
12/15/2022		<40		<40				<40	
6/20/2023							<40		
6/21/2023	<40	<40	226	<40	<40	<40			<40
6/22/2023									
12/12/2023						<40	<40		<40
12/13/2023	<40		174	<40	<40			<40	
12/14/2023		<40							
6/25/2024	<40				<40				<40
6/26/2024		<40	200			<40	<40		
6/27/2024				<40				<40	
12/3/2024									
12/4/2024		<40	140	<40				<40	
12/5/2024	<40				<40	<40	<40		<40

Non-Parametric ANOVA

Constituent: Cobalt (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-7	GWC-8	GWC-22	GWC-23A	GWC-23	GWC-13	GWC-6	GWC-9	GWC-8A
6/10/2019									
6/11/2019									
6/12/2019									
6/13/2019	<40	<40	<40	<40	<40	<40	<40	<40	<40
12/9/2019									
12/10/2019									
12/11/2019							<40		
12/12/2019	<40	<40	<40	<40	<40	<40			<40
12/13/2019								<40	
6/23/2020									
6/24/2020		<40	<40	<40	<40	<40			<40
6/25/2020	<40						<40	<40	
12/16/2020						<40			<40
12/17/2020		<40		<40	<40				
12/18/2020	<40		<40				<40	<40	
12/22/2020									
6/15/2021			<40	<40	<40				
6/16/2021	<40					<40	<40	<40	
6/17/2021		<40							<40
6/18/2021									
12/14/2021	<40		<40	<40	<40		<40	<40	
12/15/2021									
12/16/2021		<40				<40			<40
6/7/2022			<40	<40	<40				
6/8/2022								<40	
6/9/2022	<40					<40	<40		
6/10/2022		<40							<40
12/12/2022									
12/13/2022	<40		<40	<40	<40	<40			
12/14/2022		<40							<40
12/15/2022							<40	<40	
6/20/2023									
6/21/2023	<40		<40			<40	<40	<40	
6/22/2023		<40		<40	<40				<40
12/12/2023	<40		<40	<40	<40			<40	
12/13/2023		<40				<40	<40		
12/14/2023									<40
6/25/2024	<40						<40		
6/26/2024			<40	<40	<40	<40		<40	
6/27/2024		<40							<40
12/3/2024			<44	<44	<44				
12/4/2024									<40
12/5/2024	<40	<40				<40	<40	<40	

Non-Parametric ANOVA

Constituent: Cobalt (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

GWC-4

6/10/2019	
6/11/2019	
6/12/2019	
6/13/2019	
12/9/2019	
12/10/2019	
12/11/2019	
12/12/2019	
12/13/2019	
6/23/2020	
6/24/2020	<40
6/25/2020	
12/16/2020	
12/17/2020	
12/18/2020	<40
12/22/2020	
6/15/2021	
6/16/2021	
6/17/2021	<40
6/18/2021	
12/14/2021	
12/15/2021	<40
12/16/2021	
6/7/2022	
6/8/2022	
6/9/2022	<40
6/10/2022	
12/12/2022	
12/13/2022	<40
12/14/2022	
12/15/2022	
6/20/2023	
6/21/2023	<40
6/22/2023	
12/12/2023	
12/13/2023	<40
12/14/2023	
6/25/2024	<40
6/26/2024	
6/27/2024	
12/3/2024	<44
12/4/2024	
12/5/2024	

Non-Parametric ANOVA

Constituent: Tetrachloroethene Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

For observations made between 6/10/2019 and 12/4/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 179.3

Tabulated Chi-Squared value = 42.557 with 29 degrees of freedom at the 5% significance level.

There were 2 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 36.2

Adjusted Kruskal-Wallis statistic (H') = 179.3

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 1 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-24	-14.42	84.78	No
GWC-22	-14.42	84.78	No
GWC-16A[Stats]	-0.08333	84.78	No
GWC-14R	-14.42	84.78	No
GWC-8A	-14.42	84.78	No
GWC-3A	-14.42	84.78	No
GWC-23A	-14.42	84.78	No
GWC-4	-17.3	90.33	No
GWC-23	-14.42	84.78	No
GWC-19R	-14.42	84.78	No
GWC-4A	-14.42	84.78	No
GWC-14A	-14.42	84.78	No
GWC-8R	-14.42	84.78	No
GWC-12	0	84.78	No
GWC-12A	0	84.78	No
GWC-13	0	84.78	No
GWC-10A	0	84.78	No
GWC-10	0	84.78	No
GWC-9	0	84.78	No
GWC-11	0	84.78	No
GWC-2	0	84.78	No
GWA-3	0	84.78	No
GWA-1A	0	84.78	No
GWC-8	0	84.78	No
GWC-7	0	84.78	No
GWC-6	0	84.78	No
GWC-5	0	84.78	No
GWC-18	173.1	84.78	Yes

The critical (contrast) value was computed with 28 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: Tetrachloroethene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-10A	GWA-1A	GWC-10	GWC-12A	GWA-3	GWC-14A	GWC-12	GWC-24
6/10/2019	<2	<2	<2	<2					
6/11/2019					<2	<2	<2	<2	<2
6/12/2019									
6/13/2019									
12/9/2019	<2		<2		<2			<2	<2
12/10/2019						<2	<2		
12/11/2019									
12/12/2019		<2		<2					
6/22/2020						<2			
6/23/2020	<2		<2						
6/24/2020		<2		<2	<2		<2	<2	<2
12/15/2020		<2		<2	<2		<2	<2	<2
12/16/2020						<2			
12/17/2020	<2		<2						
6/14/2021						<2			<2
6/15/2021	<2	<2		<2	<2		<2	<2	
6/16/2021									
6/17/2021			<2						
12/13/2021	<2				<2			<2	
12/14/2021						<2	<2		<2
12/15/2021		<2		<2					
12/16/2021			<2						
6/6/2022						<2			
6/7/2022		<2		<2	<2			<2	<2
6/8/2022	<2		<2						
6/9/2022							<2		
12/12/2022	<2				<2			<2	
12/13/2022						<2	<2		
12/14/2022		<2	<2	<2					<2
12/15/2022	<2								
6/19/2023									
6/20/2023					<2	<2	<2	<2	<2
6/21/2023		<2		<2					
6/22/2023	<2		<2						
12/11/2023		<2		<2		<2			
12/12/2023	<2				<2		<2	<2	<2
12/13/2023			<2						
6/24/2024					<2	<2		<2	
6/25/2024		<2		<2			<2		
6/26/2024	<2		<2						<2
6/27/2024									
12/2/2024									
12/3/2024							<1		<1
12/4/2024	<2	<2	<2	<2	<2	<2		<2	

Non-Parametric ANOVA

Page 2

Constituent: Tetrachloroethene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-3A	GWC-18	GWA-2 (bg)	GWC-4A	GWC-19R	GWC-11	GWC-22	GWC-6	GWC-2
6/10/2019									
6/11/2019	<2	3.9	<2	<2	<2				
6/12/2019						<2	<2	<2	<2
6/13/2019									
12/9/2019		7.4			<2				
12/10/2019	<2							<2	<2
12/11/2019			<2	<2			<2		
12/12/2019						<2			
6/22/2020			<2						<2
6/23/2020		5.7		<2	<2		<2		
6/24/2020	<2					<2		<2	
12/15/2020		6.4			<2	<2			
12/16/2020	<2								<2
12/17/2020			<2	<2			<2	<2	
6/14/2021	<2	3.1			<2		<2		
6/15/2021			<2			<2		<2	<2
6/16/2021									
6/17/2021				<2					
12/13/2021			<2			<2	<2	<2	
12/14/2021		3.4			<2				
12/15/2021	<2			<2					<2
12/16/2021									
6/6/2022					<2		<2		
6/7/2022	<2	5.2				<2			<2
6/8/2022			<2	<2				<2	
6/9/2022									
12/12/2022	<2		<2			<2	<2		<2
12/13/2022									
12/14/2022		3.8		<2	<2			<2	
12/15/2022									
6/19/2023	<2								<2
6/20/2023		2.9	<2		<2	<2	<2	<2	
6/21/2023				<2					
6/22/2023									
12/11/2023						<2	<2		<2
12/12/2023	<2	2.3	<2					<2	
12/13/2023				<2	<2				
6/24/2024				<2				<2	
6/25/2024	<2				<2	<2	<2		<2
6/26/2024		2.2	<2						
6/27/2024									
12/2/2024	<1			<1			<1		
12/3/2024		2.5			<1				
12/4/2024			<2			<2		<2	<2

Non-Parametric ANOVA

Page 3

Constituent: Tetrachloroethene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-23	GWC-5	GWC-23A	GWC-8	GWC-7	GWC-13	GWC-8A	GWC-14R	GWC-9
6/10/2019									
6/11/2019									
6/12/2019	<2	<2	<2	<2	<2	<2	<2	<2	<2
6/13/2019									
12/9/2019									
12/10/2019		<2						<2	
12/11/2019	<2		<2	<2	<2	<2	<2		
12/12/2019									<2
6/22/2020									
6/23/2020		<2		<2		<2	<2	<2	
6/24/2020	<2		<2		<2				<2
12/15/2020						<2	<2		
12/16/2020	<2		<2	<2					
12/17/2020		<2			<2			<2	<2
6/14/2021	<2		<2						
6/15/2021		<2			<2	<2			<2
6/16/2021				<2			<2	<2	
6/17/2021									
12/13/2021	<2	<2	<2		<2				<2
12/14/2021								<2	
12/15/2021				<2		<2	<2		
12/16/2021									
6/6/2022	<2		<2						
6/7/2022									<2
6/8/2022		<2			<2	<2			
6/9/2022				<2			<2	<2	
12/12/2022	<2	<2	<2		<2	<2			
12/13/2022				<2			<2	<2	
12/14/2022									<2
12/15/2022									
6/19/2023									
6/20/2023		<2			<2	<2			<2
6/21/2023	<2		<2	<2			<2	<2	
6/22/2023									
12/11/2023	<2	<2	<2		<2				<2
12/12/2023				<2		<2		<2	
12/13/2023							<2		
6/24/2024		<2			<2				
6/25/2024	<2		<2			<2			<2
6/26/2024				<2			<2		
6/27/2024								<2	
12/2/2024	<1		<1						
12/3/2024							<1	<1	
12/4/2024		<2		<2	<2	<2			<2

Non-Parametric ANOVA

Page 4

Constituent: Tetrachloroethene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-8R	GWC-16A[Stats]	GWC-4
6/10/2019			
6/11/2019			
6/12/2019	<2		
6/13/2019		<2	
12/9/2019			
12/10/2019			
12/11/2019	<2	<2	
12/12/2019			
6/22/2020			
6/23/2020	<2	<2	<2
6/24/2020			
12/15/2020	<2		
12/16/2020			
12/17/2020		<2	<2
6/14/2021			
6/15/2021			
6/16/2021	<2	<2	<2
6/17/2021			
12/13/2021			
12/14/2021			<2
12/15/2021	<2		
12/16/2021		<2	
6/6/2022			
6/7/2022			
6/8/2022			<2
6/9/2022	<2	<2	
12/12/2022			<2
12/13/2022	<2		
12/14/2022		<2	
12/15/2022			
6/19/2023			
6/20/2023		3.2	<2
6/21/2023	<2		
6/22/2023			
12/11/2023			
12/12/2023	<2	<2	<2
12/13/2023			
6/24/2024			<2
6/25/2024		<2	
6/26/2024	<2		
6/27/2024			
12/2/2024			<1
12/3/2024	<1	<1	
12/4/2024			

Non-Parametric ANOVA

Constituent: Trichloroethene Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

For observations made between 6/10/2019 and 12/4/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 126.2

Tabulated Chi-Squared value = 42.557 with 29 degrees of freedom at the 5% significance level.

There were 7 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 29.94

Adjusted Kruskal-Wallis statistic (H') = 126.2

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 1 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-24	-14.29	84.78	No
GWC-22	-14.29	84.78	No
GWC-16A [Stats]	-14.29	84.78	No
GWC-3A	-14.29	84.78	No
GWC-8A	-14.29	84.78	No
GWC-23A	-14.29	84.78	No
GWC-4	-17.15	90.33	No
GWC-23	-14.29	84.78	No
GWC-19R	-14.29	84.78	No
GWC-4A	-14.29	84.78	No
GWC-8R	-0.5417	84.78	No
GWC-18	14.38	84.78	No
GWC-14R	146.6	84.78	Yes
GWC-12	0	84.78	No
GWC-12A	0	84.78	No
GWC-13	0	84.78	No
GWC-11	0	84.78	No
GWC-10A	0	84.78	No
GWC-10	0	84.78	No
GWC-9	0	84.78	No
GWC-14A	57.29	84.78	No
GWC-2	0	84.78	No
GWA-3	0	84.78	No
GWA-1A	0	84.78	No
GWC-7	0	84.78	No
GWC-8	0	84.78	No
GWC-6	0	84.78	No
GWC-5	0	84.78	No

The critical (contrast) value was computed with 28 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: Trichloroethene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-10A	GWA-1A	GWC-10	GWC-12A	GWA-3	GWC-14A	GWC-12	GWC-24
6/10/2019	<2	<2	<2	<2					
6/11/2019					<2	<2	<2	<2	<2
6/12/2019									
6/13/2019									
12/9/2019	<2		<2		<2			<2	<2
12/10/2019						<2	3.1		
12/11/2019									
12/12/2019		<2		<2					
6/22/2020						<2			
6/23/2020	<2		<2						
6/24/2020		<2		<2	<2		<2	<2	<2
12/15/2020		<2		<2	<2		<2	<2	<2
12/16/2020						<2			
12/17/2020	<2		<2						
6/14/2021						<2			<2
6/15/2021	<2	<2		<2	<2		<2	<2	
6/16/2021									
6/17/2021			<2						
12/13/2021	<2				<2			<2	
12/14/2021						<2	<2		<2
12/15/2021		<2		<2					
12/16/2021			<2						
6/6/2022						<2			
6/7/2022		<2		<2	<2			<2	<2
6/8/2022	<2		<2						
6/9/2022							<2		
12/12/2022	<2				<2			<2	
12/13/2022						<2	3.3		
12/14/2022		<2	<2	<2					<2
12/15/2022	<2								
6/19/2023									
6/20/2023					<2	<2	<2	<2	<2
6/21/2023		<2		<2					
6/22/2023	<2		<2						
12/11/2023		<2		<2		<2			
12/12/2023	<2				<2		2.6	<2	<2
12/13/2023			<2						
6/24/2024					<2	<2		<2	
6/25/2024		<2		<2			<2		
6/26/2024	<2		<2						<2
6/27/2024									
12/2/2024									
12/3/2024							2.1		<1
12/4/2024	<2	<2	<2	<2	<2	<2		<2	

Non-Parametric ANOVA

Constituent: Trichloroethene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-3A	GWC-18	GWA-2 (bg)	GWC-4A	GWC-19R	GWC-11	GWC-22	GWC-6	GWC-2
6/10/2019									
6/11/2019	<2	<2	<2	<2	<2				
6/12/2019						<2	<2	<2	<2
6/13/2019									
12/9/2019		2.6			<2				
12/10/2019	<2							<2	<2
12/11/2019			<2	<2			<2		
12/12/2019						<2			
6/22/2020			<2						<2
6/23/2020		<2		<2	<2		<2		
6/24/2020	<2					<2		<2	
12/15/2020		2.4			<2	<2			
12/16/2020	<2								<2
12/17/2020			<2	<2			<2	<2	
6/14/2021	<2	<2			<2		<2		
6/15/2021			<2			<2		<2	<2
6/16/2021									
6/17/2021				<2					
12/13/2021			<2			<2	<2	<2	
12/14/2021		<2			<2				
12/15/2021	<2			<2					<2
12/16/2021									
6/6/2022					<2		<2		
6/7/2022	<2	<2				<2			<2
6/8/2022			<2	<2				<2	
6/9/2022									
12/12/2022	<2		<2			<2	<2		<2
12/13/2022									
12/14/2022		<2		<2	<2			<2	
12/15/2022									
6/19/2023	<2								<2
6/20/2023		<2	<2		<2	<2	<2	<2	
6/21/2023				<2					
6/22/2023									
12/11/2023						<2	<2		<2
12/12/2023	<2	<2	<2					<2	
12/13/2023				<2	<2				
6/24/2024				<2				<2	
6/25/2024	<2				<2	<2	<2		<2
6/26/2024		<2	<2						
6/27/2024									
12/2/2024	<1			<1			<1		
12/3/2024		1.5			<1				
12/4/2024			<2			<2		<2	<2

Non-Parametric ANOVA

Constituent: Trichloroethene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-23	GWC-5	GWC-23A	GWC-8	GWC-7	GWC-13	GWC-8A	GWC-14R	GWC-9
6/10/2019									
6/11/2019									
6/12/2019	<2	<2	<2	<2	<2	<2	<2	4.7	<2
6/13/2019									
12/9/2019									
12/10/2019		<2						4.3	
12/11/2019	<2		<2	<2	<2	<2	<2		
12/12/2019									<2
6/22/2020									
6/23/2020		<2		<2		<2	<2	4.3	
6/24/2020	<2		<2		<2				<2
12/15/2020						<2	<2		
12/16/2020	<2		<2	<2					
12/17/2020		<2			<2			3.9	<2
6/14/2021	<2		<2						
6/15/2021		<2			<2	<2			<2
6/16/2021				<2			<2	3.9	
6/17/2021									
12/13/2021	<2	<2	<2		<2				<2
12/14/2021								2.8	
12/15/2021				<2		<2	<2		
12/16/2021									
6/6/2022	<2		<2						
6/7/2022									<2
6/8/2022		<2			<2	<2			
6/9/2022				<2			<2	2.8	
12/12/2022	<2	<2	<2		<2	<2			
12/13/2022				<2			<2	3	
12/14/2022									<2
12/15/2022									
6/19/2023									
6/20/2023		<2			<2	<2			<2
6/21/2023	<2		<2	<2			<2	2.3	
6/22/2023									
12/11/2023	<2	<2	<2		<2				<2
12/12/2023				<2		<2		2.6	
12/13/2023							<2		
6/24/2024		<2			<2				
6/25/2024	<2		<2			<2			<2
6/26/2024				<2			<2		
6/27/2024								2.5	
12/2/2024	<1		<1						
12/3/2024							<1	1.8	
12/4/2024		<2		<2	<2	<2			<2

Non-Parametric ANOVA

Constituent: Trichloroethene (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-8R	GWC-16A[Stats]	GWC-4
6/10/2019			
6/11/2019			
6/12/2019	<2		
6/13/2019		<2	
12/9/2019			
12/10/2019			
12/11/2019	<2	<2	
12/12/2019			
6/22/2020			
6/23/2020	<2	<2	<2
6/24/2020			
12/15/2020	<2		
12/16/2020			
12/17/2020		<2	<2
6/14/2021			
6/15/2021			
6/16/2021	2.1	<2	<2
6/17/2021			
12/13/2021			
12/14/2021			<2
12/15/2021	<2		
12/16/2021		<2	
6/6/2022			
6/7/2022			
6/8/2022			<2
6/9/2022	<2	<2	
12/12/2022			<2
12/13/2022	<2		
12/14/2022		<2	
12/15/2022			
6/19/2023			
6/20/2023		<2	<2
6/21/2023	<2		
6/22/2023			
12/11/2023			
12/12/2023	<2	<2	<2
12/13/2023			
6/24/2024			<2
6/25/2024		<2	
6/26/2024	<2		
6/27/2024			
12/2/2024			<1
12/3/2024	<1	<1	
12/4/2024			

Non-Parametric ANOVA

Constituent: Vinyl chloride Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

For observations made between 6/10/2019 and 12/4/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 187.1

Tabulated Chi-Squared value = 42.557 with 29 degrees of freedom at the 5% significance level.

There were 4 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 36.41

Adjusted Kruskal-Wallis statistic (H') = 187.1

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 1 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-24	-14.46	84.78	No
GWC-22	-14.46	84.78	No
GWC-18	-14.46	84.78	No
GWC-16A [Stats]	-14.46	84.78	No
GWC-8A	-14.46	84.78	No
GWC-3A	-14.46	84.78	No
GWC-23A	-14.46	84.78	No
GWC-4	-17.35	90.33	No
GWC-23	-14.46	84.78	No
GWC-19R	-14.46	84.78	No
GWC-4A	-14.46	84.78	No
GWC-14R	-14.46	84.78	No
GWC-8R	-14.46	84.78	No
GWC-12	0	84.78	No
GWC-12A	0	84.78	No
GWC-13	0	84.78	No
GWC-10A	0	84.78	No
GWC-10	0	84.78	No
GWC-9	0	84.78	No
GWC-11	0	84.78	No
GWC-2	0	84.78	No
GWA-3	0	84.78	No
GWA-1A	0	84.78	No
GWC-5	0	84.78	No
GWC-8	0	84.78	No
GWC-7	0	84.78	No
GWC-6	0	84.78	No
GWC-14A	173	84.78	Yes

The critical (contrast) value was computed with 28 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: Vinyl chloride (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-10A	GWA-1A	GWC-10	GWC-12A	GWA-3	GWC-14A	GWC-12	GWC-24
6/10/2019	<2	<2	<2	<2					
6/11/2019					<2	<2	4.3	<2	<2
6/12/2019									
6/13/2019									
12/9/2019	<2		<2		<2			<2	<2
12/10/2019						<2	4		
12/11/2019									
12/12/2019		<2		<2					
6/22/2020						<2			
6/23/2020	<2		<2						
6/24/2020		<2		<2	<2		7.5	<2	<2
12/15/2020		<2		<2	<2		11	<2	<2
12/16/2020						<2			
12/17/2020	<2		<2						
6/14/2021						<2			<2
6/15/2021	<2	<2		<2	<2		12	<2	
6/16/2021									
6/17/2021			<2						
12/13/2021	<2				<2			<2	
12/14/2021						<2	19		<2
12/15/2021		<2		<2					
12/16/2021			<2						
6/6/2022						<2			
6/7/2022		<2		<2	<2			<2	<2
6/8/2022	<2		<2						
6/9/2022							19		
12/12/2022	<2				<2			<2	
12/13/2022						<2	14		
12/14/2022		<2	<2	<2					<2
12/15/2022	<2								
6/19/2023									
6/20/2023					<2	<2	16	<2	<2
6/21/2023		<2		<2					
6/22/2023	<2		<2						
12/11/2023		<2		<2		<2			
12/12/2023	<2				<2		16	<2	<2
12/13/2023			<2						
6/24/2024					<2	<2		<2	
6/25/2024		<2		<2			27		
6/26/2024	<2		<2						<2
6/27/2024									
12/2/2024									
12/3/2024							21		<1
12/4/2024	<2	<2	<2	<2	<2	<2		<2	

Non-Parametric ANOVA

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Constituent: Vinyl chloride (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-3A	GWC-18	GWA-2 (bg)	GWC-4A	GWC-19R	GWC-11	GWC-22	GWC-6	GWC-2
6/10/2019									
6/11/2019	<2	<2	<2	<2	<2				
6/12/2019						<2	<2	<2	<2
6/13/2019									
12/9/2019		<2			<2				
12/10/2019	<2							<2	<2
12/11/2019			<2	<2			<2		
12/12/2019						<2			
6/22/2020			<2						<2
6/23/2020		<2		<2	<2		<2		
6/24/2020	<2					<2		<2	
12/15/2020		<2			<2	<2			
12/16/2020	<2								<2
12/17/2020			<2	<2			<2	<2	
6/14/2021	<2	<2			<2		<2		
6/15/2021			<2			<2		<2	<2
6/16/2021									
6/17/2021				<2					
12/13/2021			<2			<2	<2	<2	
12/14/2021		<2			<2				
12/15/2021	<2			<2					<2
12/16/2021									
6/6/2022					<2		<2		
6/7/2022	<2	<2				<2			<2
6/8/2022			<2	<2				<2	
6/9/2022									
12/12/2022	<2		<2			<2	<2		<2
12/13/2022									
12/14/2022		<2		<2	<2			<2	
12/15/2022									
6/19/2023	<2								<2
6/20/2023		<2	<2		<2	<2	<2	<2	
6/21/2023				<2					
6/22/2023									
12/11/2023						<2	<2		<2
12/12/2023	<2	<2	<2					<2	
12/13/2023				<2	<2				
6/24/2024				<2				<2	
6/25/2024	<2				<2	<2	<2		<2
6/26/2024		<2	<2						
6/27/2024									
12/2/2024	<1			<1			<1		
12/3/2024		<1			<1				
12/4/2024			<2			<2		<2	<2

Non-Parametric ANOVA

Constituent: Vinyl chloride (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-23	GWC-5	GWC-23A	GWC-8	GWC-7	GWC-13	GWC-8A	GWC-14R	GWC-9
6/10/2019									
6/11/2019									
6/12/2019	<2	<2	<2	<2	<2	<2	<2	<2	<2
6/13/2019									
12/9/2019									
12/10/2019		<2						<2	
12/11/2019	<2		<2	<2	<2	<2	<2		
12/12/2019									<2
6/22/2020									
6/23/2020		<2		<2		<2	<2	<2	
6/24/2020	<2		<2		<2				<2
12/15/2020						<2	<2		
12/16/2020	<2		<2	<2					
12/17/2020		<2			<2			<2	<2
6/14/2021	<2		<2						
6/15/2021		<2			<2	<2			<2
6/16/2021				<2			<2	<2	
6/17/2021									
12/13/2021	<2	<2	<2		<2				<2
12/14/2021								<2	
12/15/2021				<2		<2	<2		
12/16/2021									
6/6/2022	<2		<2						
6/7/2022									<2
6/8/2022		<2			<2	<2			
6/9/2022				<2			<2	<2	
12/12/2022	<2	<2	<2		<2	<2			
12/13/2022				<2			<2	<2	
12/14/2022									<2
12/15/2022									
6/19/2023									
6/20/2023		<2			<2	<2			<2
6/21/2023	<2		<2	<2			<2	<2	
6/22/2023									
12/11/2023	<2	<2	<2		<2				<2
12/12/2023				<2		<2		<2	
12/13/2023							<2		
6/24/2024		<2			<2				
6/25/2024	<2		<2			<2			<2
6/26/2024				<2			<2		
6/27/2024								<2	
12/2/2024	<1		<1						
12/3/2024							<1	<1	
12/4/2024		<2		<2	<2	<2			<2

Non-Parametric ANOVA

Constituent: Vinyl chloride (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-8R	GWC-16A[Stats]	GWC-4
6/10/2019			
6/11/2019			
6/12/2019	<2		
6/13/2019		<2	
12/9/2019			
12/10/2019			
12/11/2019	<2	<2	
12/12/2019			
6/22/2020			
6/23/2020	<2	<2	<2
6/24/2020			
12/15/2020	<2		
12/16/2020			
12/17/2020		<2	<2
6/14/2021			
6/15/2021			
6/16/2021	<2	<2	<2
6/17/2021			
12/13/2021			
12/14/2021			<2
12/15/2021	<2		
12/16/2021		<2	
6/6/2022			
6/7/2022			
6/8/2022			<2
6/9/2022	<2	<2	
12/12/2022			<2
12/13/2022	<2		
12/14/2022		<2	
12/15/2022			
6/19/2023			
6/20/2023		<2	<2
6/21/2023	<2		
6/22/2023			
12/11/2023			
12/12/2023	<2	<2	<2
12/13/2023			
6/24/2024			<2
6/25/2024		<2	
6/26/2024	<2		
6/27/2024			
12/2/2024			<1
12/3/2024	<1	<1	
12/4/2024			

Non-Parametric ANOVA

Constituent: Xylenes, Total Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

For observations made between 6/10/2019 and 12/4/2024, the non-parametric analysis of variance test indicates NO DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is less than or equal to the Chi-squared value, we conclude that no group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 16.07

Tabulated Chi-Squared value = 42.557 with 29 degrees of freedom at the 5% significance level.

There were 2 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 1.857

Adjusted Kruskal-Wallis statistic (H') = 16.07

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in none of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-24	-14.58	82.43	No
GWC-14R	-14.58	82.43	No
GWC-14A	-14.58	82.43	No
GWC-16A [Stats]	-14.58	82.43	No
GWC-3A	-14.58	82.43	No
GWC-18	-14.58	82.43	No
GWC-19R	-14.58	82.43	No
GWC-22	-14.58	82.43	No
GWC-8A	-14.58	82.43	No
GWC-23	-14.58	82.43	No
GWC-8R	-14.58	82.43	No
GWC-4A	-14.58	82.43	No
GWC-23A	-14.58	82.43	No
GWC-4	-16.8	87.82	No
GWC-13	0	82.43	No
GWC-10A	0	84.92	No
GWC-12A	0	82.43	No
GWC-10	0	84.92	No
GWC-11	0	84.92	No
GWC-12	0	82.43	No
GWC-2	0	84.92	No
GWA-3	0	84.92	No
GWA-1A	0	82.43	No
GWC-8	0	84.92	No
GWC-9	0	84.92	No
GWC-6	0	84.92	No
GWC-5	0	84.92	No
GWC-7	0	84.92	No

The critical (contrast) value was computed with 28 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: Xylenes, Total (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWA-1A	GWC-10	GWC-10A	GWC-4A	GWC-19R	GWC-14A	GWA-3	GWC-12A
6/10/2019	<5	<5	<5	<5					
6/11/2019					<5	<5	<5	<5	<5
6/12/2019									
6/13/2019									
12/9/2019	<5	<5				<5			<5
12/10/2019							<5	<5	
12/11/2019					<5				
12/12/2019			<5	<5					
6/22/2020								<5	
6/23/2020	<5	<5			<5	<5			
6/24/2020			<5	<5			<5		<5
12/15/2020			<5	<5		<5	<5		<5
12/16/2020								<5	
12/17/2020	<5	<5			<5				
6/14/2021						<5		<5	
6/15/2021	<5		<5	<5			<5		<5
6/16/2021									
6/17/2021		<5			<5				
12/13/2021	<5								<5
12/14/2021						<5	<5	<5	
12/15/2021			<5	<5	<5				
12/16/2021		<5							
6/6/2022						<5		<5	
6/7/2022			<5	<5					<5
6/8/2022	<5	<5			<5				
6/9/2022							<5		
12/12/2022	<5								<5
12/13/2022							<5	<5	
12/14/2022		<5	<5	<5	<5	<5			
12/15/2022	<5								
6/19/2023									
6/20/2023						<5	<5	<5	<5
6/21/2023			<5	<5	<5				
6/22/2023	<5	<5							
12/11/2023			<5	<5				<5	
12/12/2023	<5						<5		<5
12/13/2023		<5			<5	<5			
6/24/2024					<5			<5	<5
6/25/2024			<5	<5		<5	<5		
6/26/2024	<5	<5							
6/27/2024									
12/2/2024					<1				
12/3/2024						<1	<1		
12/4/2024	<5	<5							<5

Non-Parametric ANOVA

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Constituent: Xylenes, Total (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-12	GWA-2 (bg)	GWC-18	GWC-3A	GWC-24	GWC-11	GWC-7	GWC-2	GWC-9
6/10/2019									
6/11/2019	<5	<5	<5	<5	<5				
6/12/2019						<5	<5	<5	<5
6/13/2019									
12/9/2019	<5		<5		<5				
12/10/2019				<5				<5	
12/11/2019		<5					<5		
12/12/2019						<5			<5
6/22/2020		<5						<5	
6/23/2020			<5						
6/24/2020	<5			<5	<5	<5	<5		<5
12/15/2020	<5		<5		<5	<5			
12/16/2020				<5				<5	
12/17/2020		<5					<5		<5
6/14/2021			<5	<5	<5				
6/15/2021	<5	<5				<5	<5	<5	<5
6/16/2021									
6/17/2021									
12/13/2021	<5	<5				<5	<5		<5
12/14/2021			<5		<5				
12/15/2021				<5				<5	
12/16/2021									
6/6/2022									
6/7/2022	<5		<5	<5	<5	<5		<5	<5
6/8/2022		<5					<5		
6/9/2022									
12/12/2022	<5	<5		<5		<5	<5	<5	
12/13/2022									
12/14/2022			<5		<5				<5
12/15/2022									
6/19/2023				<5				<5	
6/20/2023	<5	<5	<5		<5	<5	<5		<5
6/21/2023									
6/22/2023									
12/11/2023						<5	<5	<5	<5
12/12/2023	<5	<5	<5	<5	<5				
12/13/2023									
6/24/2024	<5						<5		
6/25/2024				<5		<5		<5	<5
6/26/2024		<5	<5		<5				
6/27/2024									
12/2/2024				<1					
12/3/2024			<1		<1				
12/4/2024	<5	<5							

Non-Parametric ANOVA

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Constituent: Xylenes, Total (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-13	GWC-8R	GWC-8A	GWC-14R	GWC-6	GWC-8	GWC-5	GWC-23	GWC-23A
6/10/2019									
6/11/2019									
6/12/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5
6/13/2019									
12/9/2019									
12/10/2019				<5	<5		<5		
12/11/2019	<5	<5	<5			<5		<5	<5
12/12/2019									
6/22/2020									
6/23/2020	<5	<5	<5	<5		<5	<5		
6/24/2020					<5			<5	<5
12/15/2020	<5	<5	<5						
12/16/2020						<5		<5	<5
12/17/2020				<5	<5		<5		
6/14/2021								<5	<5
6/15/2021	<5				<5		<5		
6/16/2021		<5	<5	<5		<5			
6/17/2021									
12/13/2021					<5		<5	<5	<5
12/14/2021				<5					
12/15/2021	<5	<5	<5			<5			
12/16/2021									
6/6/2022								<5	<5
6/7/2022									
6/8/2022	<5				<5		<5		
6/9/2022		<5	<5	<5		<5			
12/12/2022	<5						<5	<5	<5
12/13/2022		<5	<5	<5		<5			
12/14/2022					<5				
12/15/2022									
6/19/2023									
6/20/2023	<5				<5		<5		
6/21/2023		<5	<5	<5		<5		<5	<5
6/22/2023									
12/11/2023							<5	<5	<5
12/12/2023	<5	<5		<5	<5	<5			
12/13/2023			<5						
6/24/2024					<5		<5		
6/25/2024	<5							<5	<5
6/26/2024		<5	<5			<5			
6/27/2024				<5					
12/2/2024								<1	<1
12/3/2024		<1	<1	<1					
12/4/2024	<5 (D)								

Non-Parametric ANOVA

Constituent: Xylenes, Total (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-22	GWC-16A[Stats]	GWC-4
6/10/2019			
6/11/2019			
6/12/2019	<5		
6/13/2019		<5	
12/9/2019			
12/10/2019			
12/11/2019	<5	<5	
12/12/2019			
6/22/2020			
6/23/2020	<5	<5	<5
6/24/2020			
12/15/2020			
12/16/2020			
12/17/2020	<5	<5	<5
6/14/2021	<5		
6/15/2021			
6/16/2021		<5	<5
6/17/2021			
12/13/2021	<5		
12/14/2021			<5
12/15/2021			
12/16/2021		<5	
6/6/2022	<5		
6/7/2022			
6/8/2022			<5
6/9/2022		<5	
12/12/2022	<5		<5
12/13/2022			
12/14/2022		<5	
12/15/2022			
6/19/2023			
6/20/2023	<5	<5	<5
6/21/2023			
6/22/2023			
12/11/2023	<5		
12/12/2023		<5	<5
12/13/2023			
6/24/2024			<5
6/25/2024	<5	<5	
6/26/2024			
6/27/2024			
12/2/2024	<1		2.9
12/3/2024		<1	
12/4/2024			

Non-Parametric ANOVA

Constituent: Zinc Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

For observations made between 6/10/2019 and 12/5/2024, the non-parametric analysis of variance test indicates a DIFFERENCE between the medians of the groups tested at the 5% significance level. Because the calculated Kruskal-Wallis statistic is greater than the Chi-squared value, we conclude that at least one group has a significantly different median concentration of this constituent when compared to another group.

Calculated Kruskal-Wallis statistic = 113.5

Tabulated Chi-Squared value = 40.113 with 27 degrees of freedom at the 5% significance level.

There were 9 groups of ties in the data, consequently the Kruskal-Wallis statistic (H) was adjusted. The adjusted statistic (H') was utilized to determine if the medians were equal.

Kruskal-Wallis statistic (H) = 62.81

Adjusted Kruskal-Wallis statistic (H') = 113.5

The contrast test was performed to determine if any compliance group concentration was significantly higher than the background concentration. The contrast test indicates statistical significance in 1 of the compliance wells.

Contrast table:

Well	Difference	Contrast	Significant?
GWC-24	-71.95	83.3	No
GWC-12	-87	78.18	No
GWC-11	-28.71	78.18	No
GWC-23A	-61.29	78.18	No
GWC-13	-62.79	78.18	No
GWC-12A	-87	78.18	No
GWC-10A	-50.79	78.18	No
GWC-8A	-87	78.18	No
GWC-10	-22.68	80.55	No
GWC-22	-75.46	78.18	No
GWC-19R	-72.58	78.18	No
GWC-23	-60.92	78.18	No
GWC-18	-72.08	78.18	No
GWC-14A	-61.83	78.18	No
GWC-16A[Stats]	-71	80.55	No
GWC-8	-87	78.18	No
GWA-3	-59.67	78.18	No
GWC-2	-35.96	78.18	No
GWC-3A	-7.625	78.18	No
GWC-4	-33.8	83.3	No
GWC-4A	-18.04	78.18	No
GWA-1A	-87	78.18	No
GWC-7	-20.71	78.18	No
GWC-6	-70.08	78.18	No
GWC-5	-59	78.18	No
GWC-9	102.5	78.18	Yes

The critical (contrast) value was computed with 26 degrees of freedom and a 1% error level for each well comparison.

Non-parametric test used in lieu of parametric ANOVA because censored data exceeded 75%.

Non-Parametric ANOVA

Constituent: Zinc (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1A	GWA-1 (bg)	GWC-10	GWC-10A	GWC-24	GWC-3A	GWC-4A	GWA-3	GWA-2 (bg)
6/10/2019	<20								
6/11/2019		42	24	<20					
6/12/2019					<20	24	23	<20	30
6/13/2019									
12/9/2019	<20								
12/10/2019		30.4			24				
12/11/2019						28.8		71.5	
12/12/2019							50		25.9
12/13/2019			86.4	31.2					
6/23/2020	<20							20.3	<20
6/24/2020		30.7					<20		
6/25/2020			27.9	<20	<20	33.1			
12/16/2020			<20	<20					
12/17/2020	<20					<20		<20	
12/18/2020		21.1					<20		<20
12/22/2020									
6/15/2021					<20	20.6		<20	
6/16/2021		21.6	<20	<20					<20
6/17/2021	<20								
6/18/2021							<20		
12/14/2021		22.3							<20
12/15/2021								<20	
12/16/2021	<20		<20	<20		<20	<20		
6/7/2022								<20	
6/8/2022	<20		<20	<20	<20	<20	24.5		
6/9/2022		30.8							<20
6/10/2022									
12/12/2022		<20							
12/13/2022						<20			<20
12/14/2022	<20							<20	
12/15/2022		20.5	<20	21.6	<20		<20		
6/20/2023						<20			
6/21/2023					<20			<20	<20
6/22/2023	<20	20.5	<20	21.3			57		
12/12/2023			<20	<20				<20	
12/13/2023	<20	30.1			<20	<20	<20		<20
12/14/2023									
6/25/2024							<20	<20	
6/26/2024	<20		48.4	<20		68.7			
6/27/2024		25.5			<20				40.6
12/3/2024						<22	<22		
12/4/2024					<20				
12/5/2024	<20	<20		<20				<20	<20

Non-Parametric ANOVA

Page 2

Constituent: Zinc (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-12A	GWC-19R	GWC-14A	GWC-18	GWC-12	GWC-11	GWC-2	GWC-16A[Stats]	GWC-5
6/10/2019									
6/11/2019									
6/12/2019	<20	<20	<20	<20	<20				
6/13/2019						34	28	<20	<20
12/9/2019									
12/10/2019	<20	<20		38.7	<20				
12/11/2019			<20				25		38.3
12/12/2019								<20	
12/13/2019						23.3			
6/23/2020							27.8	<20	
6/24/2020		<20	<20	<20					<20
6/25/2020	<20				<20	40			
12/16/2020	<20	<20	<20	<20		<20			
12/17/2020							<20	<20	
12/18/2020									<20
12/22/2020					<20				
6/15/2021		<20		<20					
6/16/2021	<20		<20		<20	<20	<20	<20	<20
6/17/2021									
6/18/2021									
12/14/2021	<20				<20	<20			<20
12/15/2021		<20	26	<20					
12/16/2021							<20	<20	
6/7/2022		<20							
6/8/2022	<20			<20	<20	<20	<20		
6/9/2022									27.2
6/10/2022			<20					34.1	
12/12/2022									
12/13/2022	<20				<20	58.6	<20		<20
12/14/2022			<20						
12/15/2022		<20		<20				<20	
6/20/2023							<20		
6/21/2023	<20	<20	<20	<20	<20	<20			<20
6/22/2023									
12/12/2023						<20	<20		<20
12/13/2023	<20		<20	<20	<20			<20	
12/14/2023		33.5							
6/25/2024	<20				<20				<20
6/26/2024		<20	<20			<20	<20		
6/27/2024				<20				<20	
12/3/2024									
12/4/2024		<20	23	<20				<20	
12/5/2024	<20				<20	<20	22		<20

Non-Parametric ANOVA

Page 3

Constituent: Zinc (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWC-7	GWC-8	GWC-22	GWC-23A	GWC-23	GWC-13	GWC-6	GWC-9	GWC-8A
6/10/2019									
6/11/2019									
6/12/2019									
6/13/2019	23	<20	<20	<20	<20	<20	<20	60	<20
12/9/2019									
12/10/2019									
12/11/2019							<20		
12/12/2019	42.2	<20	<20	31.6	<20	23.6			<20
12/13/2019								78	
6/23/2020									
6/24/2020		<20	<20	<20	<20	<20			<20
6/25/2020	<20						<20	45.9	
12/16/2020						<20			<20
12/17/2020		<20		<20	<20				
12/18/2020	<20		<20				<20	41.9	
12/22/2020									
6/15/2021			<20	<20	<20				
6/16/2021	<20					<20	79	41.8	
6/17/2021		<20							<20
6/18/2021									
12/14/2021	<20		<20	<20	<20		<20	49.9	
12/15/2021									
12/16/2021		<20				<20			<20
6/7/2022			<20	<20	<20				
6/8/2022								68.7	
6/9/2022	24					<20	<20		
6/10/2022		<20							<20
12/12/2022									
12/13/2022	35.3		<20	<20	<20	<20			
12/14/2022		<20							<20
12/15/2022							<20	41.6	
6/20/2023									
6/21/2023	<20		<20			<20	<20	40.4	
6/22/2023		<20		<20	<20				<20
12/12/2023	<20		<20	<20	34			48	
12/13/2023		<20				22.3	<20		
12/14/2023									<20
6/25/2024	21.9						<20		
6/26/2024			<20	<20	<20	<20		48.1	
6/27/2024		<20							<20
12/3/2024			<22	<22	<22				
12/4/2024									<20
12/5/2024	<20	<20				<20	<20	33	

Non-Parametric ANOVA

Page 4

Constituent: Zinc (ug/L) Analysis Run 1/19/2025 3:31 PM View: Interwell ANOVA
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

GWC-4

6/10/2019	
6/11/2019	
6/12/2019	
6/13/2019	
12/9/2019	
12/10/2019	
12/11/2019	
12/12/2019	
12/13/2019	
6/23/2020	
6/24/2020	<20
6/25/2020	
12/16/2020	
12/17/2020	
12/18/2020	<20
12/22/2020	
6/15/2021	
6/16/2021	
6/17/2021	43.2
6/18/2021	
12/14/2021	
12/15/2021	<20
12/16/2021	
6/7/2022	
6/8/2022	
6/9/2022	39.4
6/10/2022	
12/12/2022	
12/13/2022	<20
12/14/2022	
12/15/2022	
6/20/2023	
6/21/2023	<20
6/22/2023	
12/12/2023	
12/13/2023	<20
12/14/2023	
6/25/2024	<20
6/26/2024	
6/27/2024	
12/3/2024	29
12/4/2024	
12/5/2024	

Non-Parametric Tolerance Limit Test

Upper Tolerance Limit - Significant Only

Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I Printed 1/19/2025, 2:47 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
1,1-Dichloroethane (ug/L)	PH1-GWC-3	2	12/3/2024	2.7	Yes	24	100	n/a	0.1087	NP Inter
Barium (mg/L)	GWC-1	0.02	12/5/2024	0.091	Yes	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWA-1	0.02	12/4/2024	0.024	Yes	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWA-2	0.02	12/4/2024	0.054	Yes	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWB-1	0.02	12/3/2024	0.03	Yes	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWC-1	0.02	12/5/2024	0.031	Yes	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWC-3	0.02	12/4/2024	0.026	Yes	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWC-3A	0.02	12/4/2024	0.027	Yes	24	100	n/a	0.03764	NP Inter
cis-1,2-Dichloroethene (ug/L)	PH1-GWA-2	2	12/3/2024	37	Yes	24	100	n/a	0.0827	NP Inter
cis-1,2-Dichloroethene (ug/L)	PH1-GWC-2	2	12/3/2024	8.2	Yes	24	100	n/a	0.0827	NP Inter
cis-1,2-Dichloroethene (ug/L)	PH1-GWC-3	2	12/3/2024	20	Yes	24	100	n/a	0.0827	NP Inter
cis-1,2-Dichloroethene (ug/L)	PH1-GWC-3A	2	12/3/2024	16	Yes	24	100	n/a	0.0827	NP Inter
Cobalt (mg/L)	PH1-GWA-1	0.04	12/4/2024	0.068	Yes	24	100	n/a	0.292	NP Inter
Tetrachloroethene (ug/L)	PH1-GWC-2	2	12/3/2024	3.3	Yes	24	100	n/a	0.1087	NP Inter
Tetrachloroethene (ug/L)	PH1-GWC-3	2	12/3/2024	6.7	Yes	24	100	n/a	0.1087	NP Inter
Tetrachloroethene (ug/L)	PH1-GWC-3A	2	12/3/2024	4.7	Yes	24	100	n/a	0.1087	NP Inter
Trichloroethene (ug/L)	PH1-GWC-2	2	12/3/2024	2.1	Yes	24	100	n/a	0.1087	NP Inter
Trichloroethene (ug/L)	PH1-GWC-3	2	12/3/2024	5.6	Yes	24	100	n/a	0.1087	NP Inter
Trichloroethene (ug/L)	PH1-GWC-3A	2	12/3/2024	4.9	Yes	24	100	n/a	0.1087	NP Inter

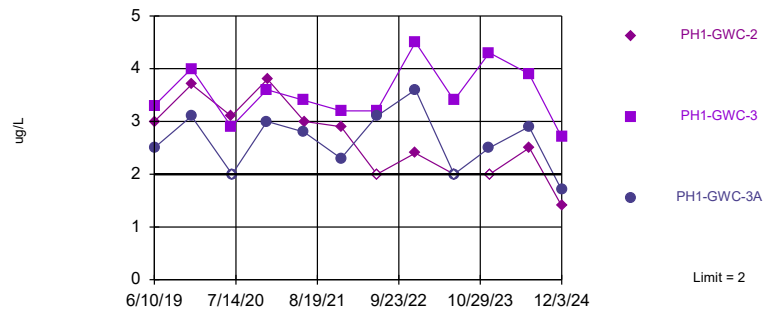
Upper Tolerance Limit

Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I Printed 1/19/2025, 2:47 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
1,1-Dichloroethane (ug/L)	PH1-GWC-2	2	12/3/2024	1.4	No	24	100	n/a	0.1087	NP Inter
1,1-Dichloroethane (ug/L)	PH1-GWC-3	2	12/3/2024	2.7	Yes	24	100	n/a	0.1087	NP Inter
1,1-Dichloroethane (ug/L)	PH1-GWC-3A	2	12/3/2024	1.7	No	24	100	n/a	0.1087	NP Inter
Barium (mg/L)	GWC-1	0.02	12/5/2024	0.091	Yes	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWA-1	0.02	12/4/2024	0.024	Yes	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWA-1A	0.02	12/3/2024	<0.022	No	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWA-2	0.02	12/4/2024	0.054	Yes	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWB-1	0.02	12/3/2024	0.03	Yes	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWC-1	0.02	12/5/2024	0.031	Yes	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWC-2	0.02	12/4/2024	<0.02	No	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWC-3	0.02	12/4/2024	0.026	Yes	24	100	n/a	0.03764	NP Inter
Barium (mg/L)	PH1-GWC-3A	0.02	12/4/2024	0.027	Yes	24	100	n/a	0.03764	NP Inter
cis-1,2-Dichloroethene (ug/L)	PH1-GWA-2	2	12/3/2024	37	Yes	24	100	n/a	0.0827	NP Inter
cis-1,2-Dichloroethene (ug/L)	PH1-GWC-2	2	12/3/2024	8.2	Yes	24	100	n/a	0.0827	NP Inter
cis-1,2-Dichloroethene (ug/L)	PH1-GWC-3	2	12/3/2024	20	Yes	24	100	n/a	0.0827	NP Inter
cis-1,2-Dichloroethene (ug/L)	PH1-GWC-3A	2	12/3/2024	16	Yes	24	100	n/a	0.0827	NP Inter
Cobalt (mg/L)	PH1-GWA-1	0.04	12/4/2024	0.068	Yes	24	100	n/a	0.292	NP Inter
Tetrachloroethene (ug/L)	PH1-GWC-2	2	12/3/2024	3.3	Yes	24	100	n/a	0.1087	NP Inter
Tetrachloroethene (ug/L)	PH1-GWC-3	2	12/3/2024	6.7	Yes	24	100	n/a	0.1087	NP Inter
Tetrachloroethene (ug/L)	PH1-GWC-3A	2	12/3/2024	4.7	Yes	24	100	n/a	0.1087	NP Inter
Trichloroethene (ug/L)	PH1-GWC-2	2	12/3/2024	2.1	Yes	24	100	n/a	0.1087	NP Inter
Trichloroethene (ug/L)	PH1-GWC-3	2	12/3/2024	5.6	Yes	24	100	n/a	0.1087	NP Inter
Trichloroethene (ug/L)	PH1-GWC-3A	2	12/3/2024	4.9	Yes	24	100	n/a	0.1087	NP Inter
Zinc (mg/L)	PH1-GWB-2	0.0489	12/3/2024	0.031	No	24	95.83	n/a	0.292	NP Inter

Exceeds Limit: PH1-GWC-3

Tolerance Limit Interwell Non-parametric

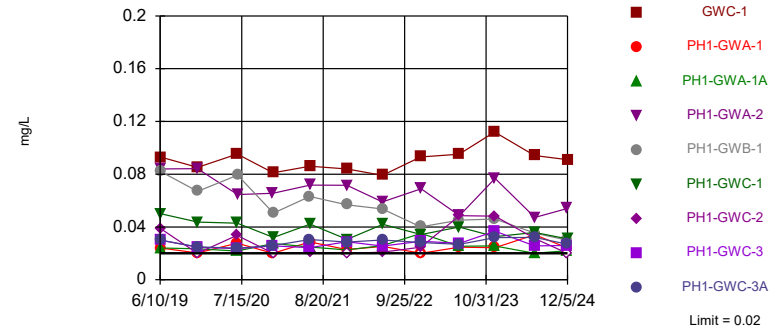


NP test selected by user. Most recent observation is compared with limit. Limit is highest of 24 background values. 100% NDs. 82.62% coverage at alpha=0.01; 88.09% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.292.

Constituent: 1,1-Dichloroethane Analysis Run 1/19/2025 2:45 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

Exceeds Limit: GWC-1, PH1-GWA-1, PH1-GWA-2, PH1-GWB-1, PH1-GWC-1...

Tolerance Limit Interwell Non-parametric

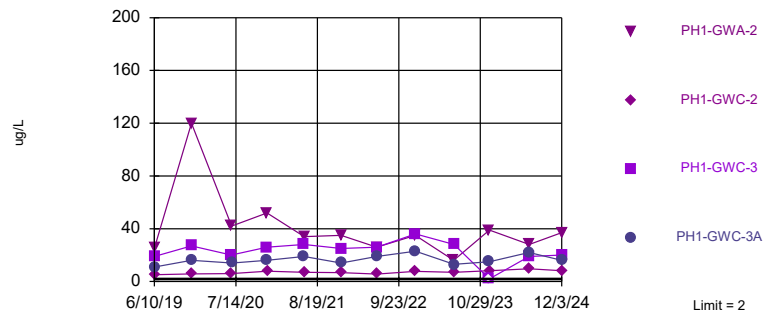


NP test selected by user. Most recent observation is compared with limit. Limit is highest of 24 background values. 100% NDs. 82.62% coverage at alpha=0.01; 88.09% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.292.

Constituent: Barium Analysis Run 1/19/2025 2:45 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

Exceeds Limit: PH1-GWA-2, PH1-GWC-2, PH1-GWC-3, PH1-GWC-3A

Tolerance Limit Interwell Non-parametric

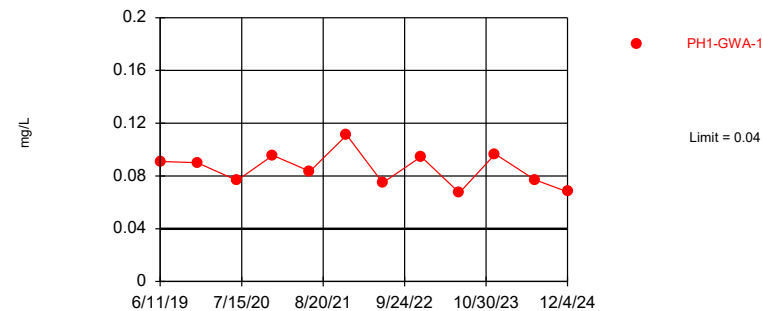


NP test selected by user. Most recent observation is compared with limit. Limit is highest of 24 background values. 100% NDs. 82.62% coverage at alpha=0.01; 88.09% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.292.

Constituent: cis-1,2-Dichloroethene Analysis Run 1/19/2025 2:45 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

Exceeds Limit: PH1-GWA-1

Tolerance Limit Interwell Non-parametric

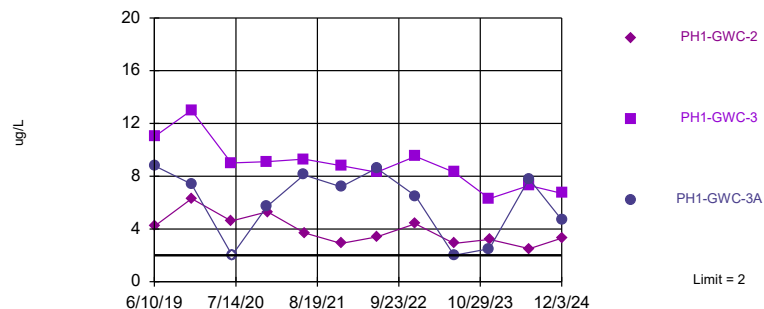


NP test selected by user. Most recent observation is compared with limit. Limit is highest of 24 background values. 100% NDs. 82.62% coverage at alpha=0.01; 88.09% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.292.

Constituent: Cobalt Analysis Run 1/19/2025 2:45 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

Exceeds Limit: PH1-GWC-2, PH1-GWC-3,
PH1-GWC-3A

Tolerance Limit Interwell Non-parametric

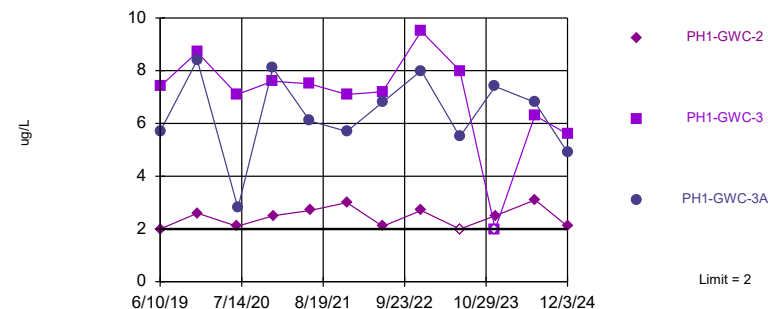


NP test selected by user. Most recent observation is compared with limit. Limit is highest of 24 background values. 100% NDs. 82.62% coverage at alpha=0.01; 88.09% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.292.

Constituent: Tetrachloroethene Analysis Run 1/19/2025 2:45 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

Exceeds Limit: PH1-GWC-2, PH1-GWC-3,
PH1-GWC-3A

Tolerance Limit Interwell Non-parametric

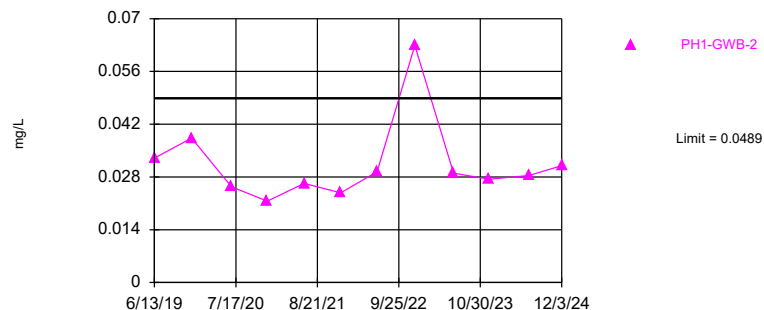


NP test selected by user. Most recent observation is compared with limit. Limit is highest of 24 background values. 100% NDs. 82.62% coverage at alpha=0.01; 88.09% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.292.

Constituent: Trichloroethene Analysis Run 1/19/2025 2:45 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

Within Limit

Tolerance Limit Interwell Non-parametric



NP test selected by user. Most recent observation is compared with limit. Limit is highest of 24 background values. 95.83% NDs. 82.62% coverage at alpha=0.01; 88.09% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.292.

Constituent: Zinc Analysis Run 1/19/2025 2:45 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

Tolerance Limit

Constituent: 1,1-Dichloroethane (ug/L) Analysis Run 1/19/2025 2:47 PM View: Interwell NPTEL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-2	PH1-GWC-3	PH1-GWC-3A	PH1-GWA-4 (bg)	PH1-GWA-3A (bg)
6/10/2019	3	3.3	2.5		
6/11/2019				<2	
6/13/2019					<2
12/9/2019		4	3.1	<2	
12/10/2019	3.7				
12/12/2019					<2
6/22/2020	3.1	2.9			
6/24/2020				<2	
6/25/2020					<2
6/26/2020			<2		
12/15/2020		3.6	3	<2	
12/17/2020	3.8				
12/18/2020					<2
6/14/2021		3.4	2.8		
6/15/2021					<2
6/16/2021				<2	
6/17/2021	3				
12/14/2021	2.9	3.2	2.3	<2	
12/15/2021					<2
6/6/2022					<2
6/7/2022		3.2	3.1	<2	
6/8/2022	<2				
12/12/2022					<2
12/14/2022	2.4				
12/15/2022		4.5	3.6	<2	
6/20/2023					<2
6/22/2023	<2	3.4	<2		
6/23/2023				<2	
12/12/2023				<2	
12/13/2023		4.3	2.5		
12/14/2023	<2				<2
6/25/2024		3.9	2.9		<2
6/26/2024				<2	
6/27/2024	2.5				
12/3/2024	1.4	2.7	1.7	<1	
12/4/2024					<2

Tolerance Limit

Constituent: Barium (mg/L) Analysis Run 1/19/2025 2:47 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-2	PH1-GWA-1A	PH1-GWC-3	PH1-GWA-1	PH1-GWC-3A	PH1-GWA-4 (bg)	PH1-GWB-1	PH1-GWA-2	PH1-GWA-3A (bg)
6/10/2019	0.039								
6/11/2019		0.024	0.03	0.024	0.03				
6/12/2019						<0.02	0.082	0.084	
6/13/2019									<0.02
12/10/2019	<0.02	0.0234	0.0247	0.0203	0.0249	<0.02		0.0842	
12/11/2019							0.067		
12/12/2019									<0.02
6/22/2020	0.0336	0.0217							
6/23/2020			0.0236	0.0277	0.0239				
6/25/2020						<0.02	0.0793	0.0646	<0.02
12/16/2020			0.0256	<0.02	0.0259	<0.02		0.0655	
12/17/2020	<0.02								
12/18/2020		0.0274					0.0505		<0.02
6/15/2021			0.0243		0.0305		0.0631		<0.02
6/16/2021		0.0248		0.0287					
6/17/2021	0.0206					<0.02		0.0717	
12/14/2021		0.0226		0.0228			0.0568		
12/15/2021			0.0288		0.0285	<0.02		0.0716	<0.02
12/16/2021									
12/17/2021	<0.02								
6/6/2022									<0.02
6/8/2022	0.0209	0.0259	0.0255		0.0301	<0.02	0.0537	0.059	
6/9/2022				0.0253					
6/10/2022									
12/12/2022									<0.02
12/13/2022							0.0401		
12/14/2022	0.0247								
12/15/2022		0.0351	0.0292	<0.02	0.0282	<0.02		0.0689	
6/20/2023									<0.02
6/21/2023				0.0246			0.0451		
6/22/2023	0.0485	0.0254	0.0276		0.0269			0.0485	
6/23/2023						<0.02			
12/12/2023		0.0256							
12/13/2023						<0.02	0.046		
12/14/2023	0.0482		0.0368	0.0243	0.0319			0.0768	<0.02
6/25/2024									<0.02
6/26/2024		0.0201	0.0256		0.0321				
6/27/2024	0.0312			0.0341		<0.02	0.0353	0.0472	
12/3/2024		<0.022					0.03		
12/4/2024	<0.02		0.026	0.024	0.027	<0.02		0.054	<0.02
12/5/2024									

Tolerance Limit

Constituent: Barium (mg/L) Analysis Run 1/19/2025 2:47 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-1	GWC-1
6/10/2019		
6/11/2019		
6/12/2019		
6/13/2019	0.05	0.093
12/10/2019		
12/11/2019		0.0852
12/12/2019	0.0437	
6/22/2020		
6/23/2020	0.0428	0.0953
6/25/2020		
12/16/2020		
12/17/2020		0.0811
12/18/2020	0.0321	
6/15/2021		
6/16/2021		0.0861
6/17/2021	0.0421	
12/14/2021		
12/15/2021		
12/16/2021	0.0306	0.084
12/17/2021		
6/6/2022		
6/8/2022		0.0791
6/9/2022		
6/10/2022	0.042	
12/12/2022		
12/13/2022		0.0931
12/14/2022		
12/15/2022	0.0343	
6/20/2023	0.0399	0.0951
6/21/2023		
6/22/2023		
6/23/2023		
12/12/2023		0.112
12/13/2023		
12/14/2023	0.0327	
6/25/2024		
6/26/2024		0.0942
6/27/2024	0.0358	
12/3/2024		
12/4/2024		
12/5/2024	0.031	0.091

Tolerance Limit

Constituent: cis-1,2-Dichloroethene (ug/L) Analysis Run 1/19/2025 2:47 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-3A	PH1-GWC-2	PH1-GWC-3	PH1-GWA-2	PH1-GWA-4 (bg)	PH1-GWA-3A (bg)
6/10/2019	11	5.1	19			
6/11/2019				26	<2	
6/13/2019						<2
12/9/2019	16		27	120	<2	
12/10/2019		5.7				
12/12/2019						<2
6/22/2020		6	20			
6/24/2020				42	<2	
6/25/2020						<2
6/26/2020	14					
12/15/2020	16		26	52	<2	
12/17/2020		7.8				
12/18/2020						<2
6/14/2021	19		28			
6/15/2021						<2
6/16/2021				34	<2	
6/17/2021		7				
12/14/2021	14	6.7	25	35	<2	
12/15/2021						<2
6/6/2022						<2
6/7/2022	19		26	26	<2	
6/8/2022		5.6				
12/12/2022						<2
12/14/2022		7.7		35		
12/15/2022	23		36		<2	
6/20/2023						<2
6/21/2023				16		
6/22/2023	13	7	28			
6/23/2023					<2	
12/12/2023					<2	
12/13/2023	15		<2	39		
12/14/2023		8.2				<2
6/25/2024	22		19			<2
6/26/2024				28	<2	
6/27/2024		9.6				
12/3/2024	16	8.2	20	37	<1	
12/4/2024						<2

Tolerance Limit

Constituent: Cobalt (mg/L) Analysis Run 1/19/2025 2:47 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWA-1	PH1-GWA-4 (bg)	PH1-GWA-3A (bg)
6/11/2019	0.091		
6/12/2019		<0.04	
6/13/2019			<0.04
12/10/2019	0.0901	<0.04	
12/12/2019			<0.04
6/23/2020	0.0766		
6/25/2020		<0.04	<0.04
12/16/2020	0.0956	<0.04	
12/18/2020			<0.04
6/15/2021			<0.04
6/16/2021	0.0835		
6/17/2021		<0.04	
12/14/2021	0.111		
12/15/2021		<0.04	<0.04
6/6/2022			<0.04
6/8/2022		<0.04	
6/9/2022	0.0747		
12/12/2022			<0.04
12/15/2022	0.0947	<0.04	
6/20/2023			<0.04
6/21/2023	0.0672		
6/23/2023		<0.04	
12/13/2023		<0.04	
12/14/2023	0.0966		<0.04
6/25/2024			<0.04
6/27/2024	0.0771	<0.04	
12/4/2024	0.068	<0.04	<0.04

Tolerance Limit

Constituent: Tetrachloroethene (ug/L) Analysis Run 1/19/2025 2:47 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-2	PH1-GWC-3	PH1-GWC-3A	PH1-GWA-4 (bg)	PH1-GWA-3A (bg)
6/10/2019	4.2	11	8.8		
6/11/2019				<2	
6/13/2019					<2
12/9/2019		13	7.4	<2	
12/10/2019	6.3				
12/12/2019					<2
6/22/2020	4.6	9			
6/24/2020				<2	
6/25/2020					<2
6/26/2020			<2		
12/15/2020		9.1	5.7	<2	
12/17/2020	5.3				
12/18/2020					<2
6/14/2021		9.3	8.1		
6/15/2021					<2
6/16/2021				<2	
6/17/2021	3.7				
12/14/2021	2.9	8.8	7.2	<2	
12/15/2021					<2
6/6/2022					<2
6/7/2022		8.3	8.6	<2	
6/8/2022	3.4				
12/12/2022					<2
12/14/2022	4.4				
12/15/2022		9.5	6.5	<2	
6/20/2023					<2
6/22/2023	2.9	8.3	2		
6/23/2023				<2	
12/12/2023				<2	
12/13/2023		6.3	2.5		
12/14/2023	3.2				<2
6/25/2024		7.3	7.8		<2
6/26/2024				<2	
6/27/2024	2.5				
12/3/2024	3.3	6.7	4.7	<1	
12/4/2024					<2

Tolerance Limit

Constituent: Trichloroethene (ug/L) Analysis Run 1/19/2025 2:47 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWC-2	PH1-GWC-3	PH1-GWC-3A	PH1-GWA-4 (bg)	PH1-GWA-3A (bg)
6/10/2019	2	7.4	5.7		
6/11/2019				<2	
6/13/2019					<2
12/9/2019		8.7	8.4	<2	
12/10/2019	2.6				
12/12/2019					<2
6/22/2020	2.1	7.1			
6/24/2020				<2	
6/25/2020					<2
6/26/2020			2.8		
12/15/2020		7.6	8.1	<2	
12/17/2020	2.5				
12/18/2020					<2
6/14/2021		7.5	6.1		
6/15/2021					<2
6/16/2021				<2	
6/17/2021	2.7				
12/14/2021	3	7.1	5.7	<2	
12/15/2021					<2
6/6/2022					<2
6/7/2022		7.2	6.8	<2	
6/8/2022	2.1				
12/12/2022					<2
12/14/2022	2.7				
12/15/2022		9.5	8	<2	
6/20/2023					<2
6/22/2023	<2	8	5.5		
6/23/2023				<2	
12/12/2023				<2	
12/13/2023		<2	7.4		
12/14/2023	2.5				<2
6/25/2024		6.3	6.8		<2
6/26/2024				<2	
6/27/2024	3.1				
12/3/2024	2.1	5.6	4.9	<1	
12/4/2024					<2

Tolerance Limit

Constituent: Zinc (mg/L) Analysis Run 1/19/2025 2:47 PM View: Interwell NPTL
Hightower Road MSWLF Client: Forsyth County Data: Hightower Rd Ph I

	PH1-GWA-4 (bg)	PH1-GWA-3A (bg)	PH1-GWB-2
6/12/2019	<0.02		
6/13/2019		<0.02	0.033
12/10/2019	0.0489		
12/12/2019		<0.02	
12/13/2019			0.0383
6/25/2020	<0.02	<0.02	0.0254
12/16/2020	<0.02		
12/18/2020		<0.02	0.0216
6/15/2021		<0.02	
6/17/2021	<0.02		0.0263
12/14/2021			0.0238
12/15/2021	<0.02	<0.02	
6/6/2022		<0.02	
6/8/2022	<0.02		
6/10/2022			0.0294
12/12/2022		<0.02	
12/13/2022			0.0629
12/15/2022	<0.02		
6/20/2023		<0.02	
6/21/2023			0.029
6/23/2023	<0.02		
12/13/2023	<0.02		0.0274
12/14/2023		<0.02	
6/25/2024		<0.02	
6/27/2024	<0.02		0.0284
12/3/2024			0.031
12/4/2024	<0.02	<0.02	

Upper Tolerance Limit - Significant Only

Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV Printed 1/19/2025, 3:37 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
1,1-Dichloroethane (ug/L)	GWC-8R	2	12/3/2024	6.5	Yes	25	100	n/a	0.07801	NP Inter
1,1-Dichloroethane (ug/L)	GWC-14A	2	12/3/2024	18	Yes	25	100	n/a	0.07801	NP Inter
1,1-Dichloroethane (ug/L)	GWC-14R	2	12/3/2024	7.7	Yes	25	100	n/a	0.07801	NP Inter
Barium (ug/L)	GWC-3A	39.5	12/3/2024	41	Yes	25	4	n/a	0.04535	NP Inter
Barium (ug/L)	GWC-8A	39.5	12/4/2024	44	Yes	25	4	n/a	0.04535	NP Inter
Barium (ug/L)	GWC-9	39.5	12/5/2024	54	Yes	25	4	n/a	0.04535	NP Inter
Barium (ug/L)	GWC-14A	39.5	12/4/2024	170	Yes	25	4	n/a	0.04535	NP Inter
Barium (ug/L)	GWC-18	39.5	12/4/2024	130	Yes	25	4	n/a	0.04535	NP Inter
Barium (ug/L)	GWC-19R	39.5	12/4/2024	83	Yes	25	4	n/a	0.04535	NP Inter
Benzene (ug/L)	GWC-14A	2	12/3/2024	2.9	Yes	25	100	n/a	0.2774	NP Inter
cis-1,2-Dichloroethene (ug/L)	GWC-8A	2	12/3/2024	27	Yes	25	100	n/a	0.05271	NP Inter
cis-1,2-Dichloroethene (ug/L)	GWC-8R	2	12/3/2024	24	Yes	25	100	n/a	0.05271	NP Inter
cis-1,2-Dichloroethene (ug/L)	GWC-14A	2	12/3/2024	73	Yes	25	100	n/a	0.05271	NP Inter
cis-1,2-Dichloroethene (ug/L)	GWC-14R	2	12/3/2024	15	Yes	25	100	n/a	0.05271	NP Inter
cis-1,2-Dichloroethene (ug/L)	GWC-18	2	12/3/2024	23	Yes	25	100	n/a	0.05271	NP Inter
cis-1,2-Dichloroethene (ug/L)	GWC-19R	2	12/3/2024	3.9	Yes	25	100	n/a	0.05271	NP Inter
Cobalt (ug/L)	GWC-14A	40	12/4/2024	140	Yes	25	100	n/a	0.2774	NP Inter
Tetrachloroethene (ug/L)	GWC-18	2	12/3/2024	2.5	Yes	25	100	n/a	0.2774	NP Inter
Vinyl chloride (ug/L)	GWC-14A	2	12/3/2024	21	Yes	25	100	n/a	0.2774	NP Inter

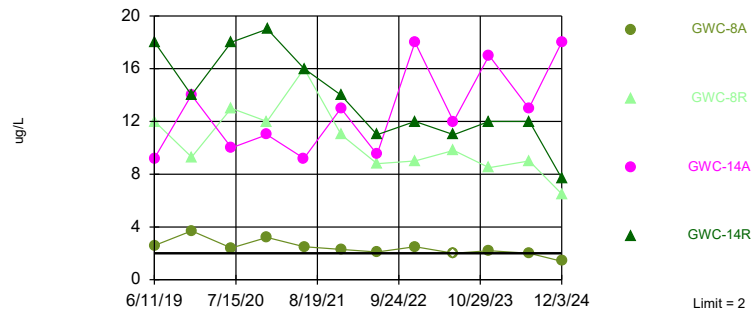
Upper Tolerance Limit

Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV Printed 1/19/2025, 3:37 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
1,1-Dichloroethane (ug/L)	GWC-8A	2	12/3/2024	1.4	No	25	100	n/a	0.07801	NP Inter
1,1-Dichloroethane (ug/L)	GWC-8R	2	12/3/2024	6.5	Yes	25	100	n/a	0.07801	NP Inter
1,1-Dichloroethane (ug/L)	GWC-14A	2	12/3/2024	18	Yes	25	100	n/a	0.07801	NP Inter
1,1-Dichloroethane (ug/L)	GWC-14R	2	12/3/2024	7.7	Yes	25	100	n/a	0.07801	NP Inter
Barium (ug/L)	GWC-3A	39.5	12/3/2024	41	Yes	25	4	n/a	0.04535	NP Inter
Barium (ug/L)	GWC-7	39.5	12/5/2024	30	No	25	4	n/a	0.04535	NP Inter
Barium (ug/L)	GWC-8A	39.5	12/4/2024	44	Yes	25	4	n/a	0.04535	NP Inter
Barium (ug/L)	GWC-9	39.5	12/5/2024	54	Yes	25	4	n/a	0.04535	NP Inter
Barium (ug/L)	GWC-14A	39.5	12/4/2024	170	Yes	25	4	n/a	0.04535	NP Inter
Barium (ug/L)	GWC-18	39.5	12/4/2024	130	Yes	25	4	n/a	0.04535	NP Inter
Barium (ug/L)	GWC-19R	39.5	12/4/2024	83	Yes	25	4	n/a	0.04535	NP Inter
Benzene (ug/L)	GWC-14A	2	12/3/2024	2.9	Yes	25	100	n/a	0.2774	NP Inter
Chlorobenzene (ug/L)	GWC-14A	10	12/3/2024	9.1	No	25	100	n/a	0.2774	NP Inter
cis-1,2-Dichloroethene (ug/L)	GWC-8A	2	12/3/2024	27	Yes	25	100	n/a	0.05271	NP Inter
cis-1,2-Dichloroethene (ug/L)	GWC-8R	2	12/3/2024	24	Yes	25	100	n/a	0.05271	NP Inter
cis-1,2-Dichloroethene (ug/L)	GWC-14A	2	12/3/2024	73	Yes	25	100	n/a	0.05271	NP Inter
cis-1,2-Dichloroethene (ug/L)	GWC-14R	2	12/3/2024	15	Yes	25	100	n/a	0.05271	NP Inter
cis-1,2-Dichloroethene (ug/L)	GWC-18	2	12/3/2024	23	Yes	25	100	n/a	0.05271	NP Inter
cis-1,2-Dichloroethene (ug/L)	GWC-19R	2	12/3/2024	3.9	Yes	25	100	n/a	0.05271	NP Inter
Cobalt (ug/L)	GWC-14A	40	12/4/2024	140	Yes	25	100	n/a	0.2774	NP Inter
Tetrachloroethene (ug/L)	GWC-18	2	12/3/2024	2.5	Yes	25	100	n/a	0.2774	NP Inter
Trichloroethene (ug/L)	GWC-14R	2	12/3/2024	1.8	No	25	100	n/a	0.2774	NP Inter
Vinyl chloride (ug/L)	GWC-14A	2	12/3/2024	21	Yes	25	100	n/a	0.2774	NP Inter
Zinc (ug/L)	GWC-9	42	12/5/2024	33	No	25	44	n/a	0.2774	NP Inter

Exceeds Limit: GWC-8R, GWC-14A, GWC-14R

Tolerance Limit Interwell Non-parametric

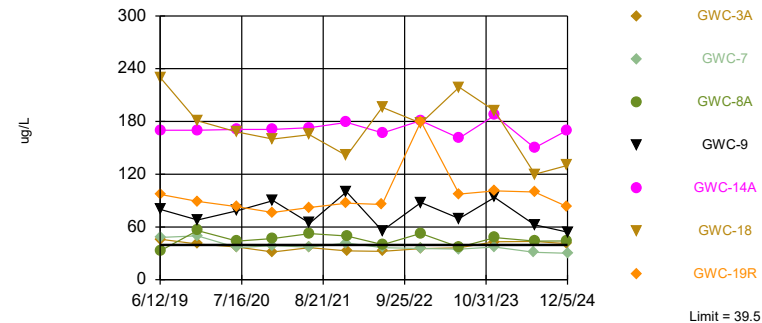


NP test selected by user. Most recent observation is compared with limit. Limit is highest of 25 background values. 100% NDs. 83.01% coverage at alpha=0.01; 88.87% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.2774.

Constituent: 1,1-Dichloroethane Analysis Run 1/19/2025 3:35 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

Exceeds Limit: GWC-3A, GWC-8A, GWC-9, GWC-14A, GWC-18, GWC-19R

Tolerance Limit Interwell Non-parametric

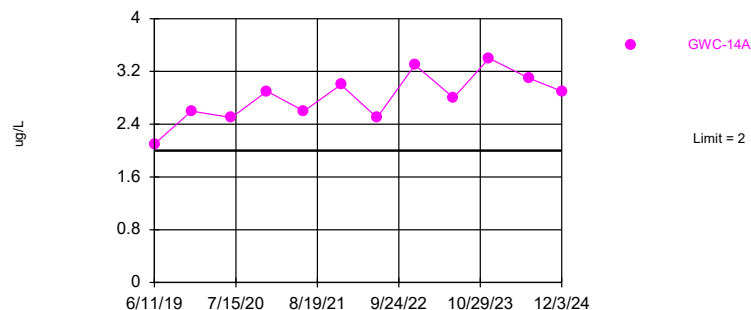


NP test selected by user. Most recent observation is compared with limit. Limit is highest of 25 background values. 4% NDs. 83.01% coverage at alpha=0.01; 88.87% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.2774.

Constituent: Barium Analysis Run 1/19/2025 3:35 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

Exceeds Limit: GWC-14A

Tolerance Limit Interwell Non-parametric



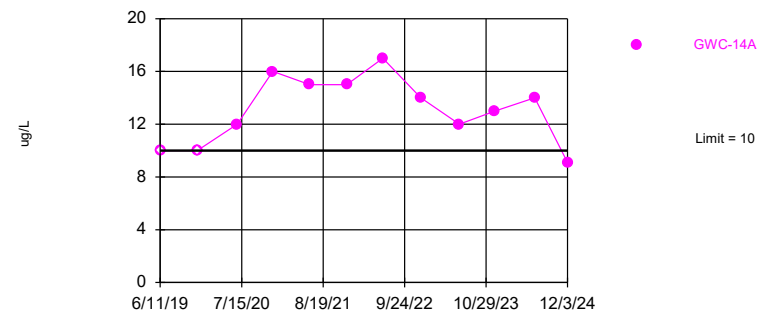
NP test selected by user. Most recent observation is compared with limit. Limit is highest of 25 background values. 100% NDs. 83.01% coverage at alpha=0.01; 88.87% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.2774.

Constituent: Benzene Analysis Run 1/19/2025 3:35 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

Hollow symbols indicate censored values.

Within Limit

Tolerance Limit Interwell Non-parametric

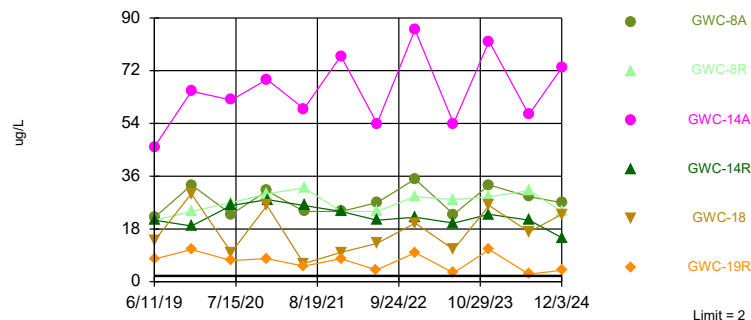


NP test selected by user. Most recent observation is compared with limit. Limit is highest of 25 background values. 100% NDs. 83.01% coverage at alpha=0.01; 88.87% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.2774.

Constituent: Chlorobenzene Analysis Run 1/19/2025 3:35 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

Exceeds Limit: GWC-8A, GWC-8R, GWC-14A, GWC-14R, GWC-18, GWC-19R

Tolerance Limit Interwell Non-parametric

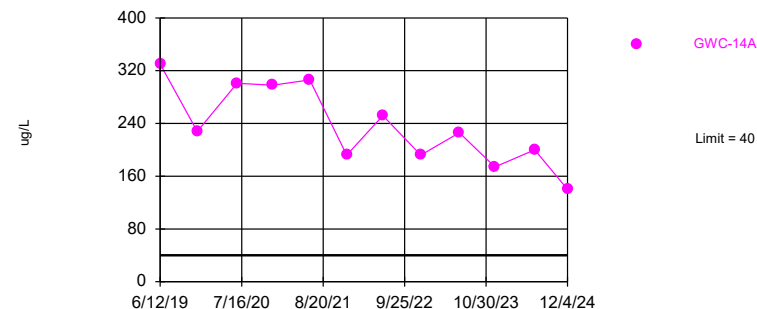


NP test selected by user. Most recent observation is compared with limit. Limit is highest of 25 background values. 100% NDs. 83.01% coverage at alpha=0.01; 88.87% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.2774.

Constituent: cis-1,2-Dichloroethene Analysis Run 1/19/2025 3:35 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

Exceeds Limit: GWC-14A

Tolerance Limit Interwell Non-parametric

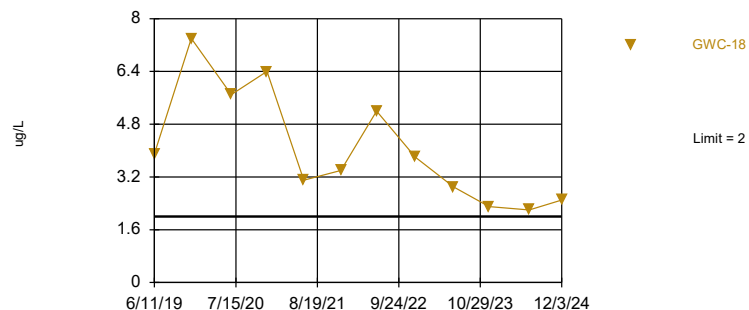


NP test selected by user. Most recent observation is compared with limit. Limit is highest of 25 background values. 100% NDs. 83.01% coverage at alpha=0.01; 88.87% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.2774.

Constituent: Cobalt Analysis Run 1/19/2025 3:35 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

Exceeds Limit: GWC-18

Tolerance Limit Interwell Non-parametric

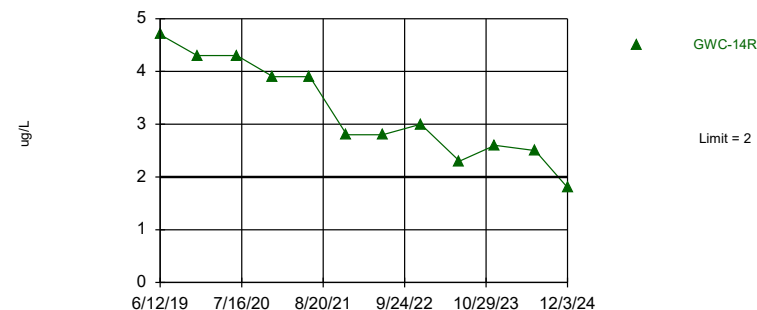


NP test selected by user. Most recent observation is compared with limit. Limit is highest of 25 background values. 100% NDs. 83.01% coverage at alpha=0.01; 88.87% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.2774.

Constituent: Tetrachloroethene Analysis Run 1/19/2025 3:35 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

Within Limit

Tolerance Limit Interwell Non-parametric



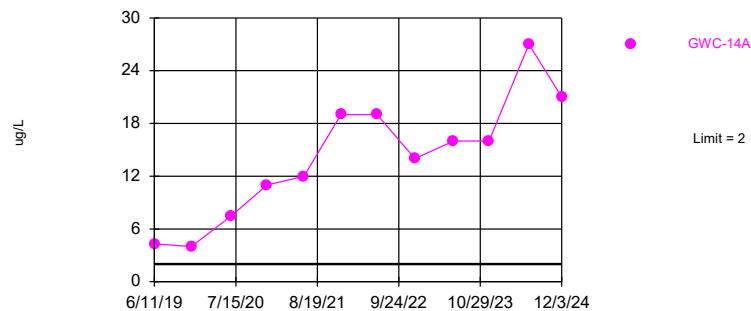
NP test selected by user. Most recent observation is compared with limit. Limit is highest of 25 background values. 100% NDs. 83.01% coverage at alpha=0.01; 88.87% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.2774.

Constituent: Trichloroethene Analysis Run 1/19/2025 3:35 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

Exceeds Limit: GWC-14A

Tolerance Limit

Interwell Non-parametric



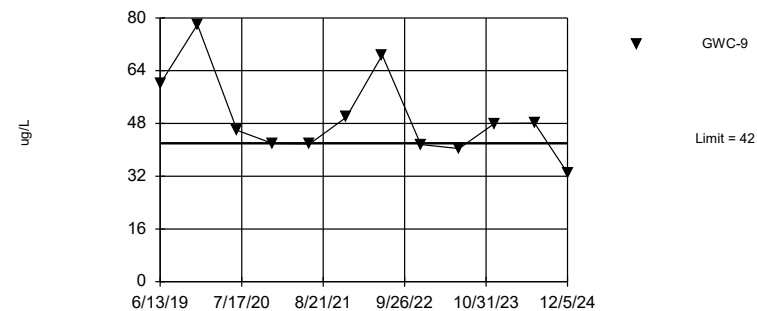
NP test selected by user. Most recent observation is compared with limit. Limit is highest of 25 background values. 100% NDs. 83.01% coverage at alpha=0.01; 88.87% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.2774.

Constituent: Vinyl chloride Analysis Run 1/19/2025 3:36 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

Within Limit

Tolerance Limit

Interwell Non-parametric



NP test selected by user. Most recent observation is compared with limit. Limit is highest of 25 background values. 44% NDs. 83.01% coverage at alpha=0.01; 88.87% coverage at alpha=0.05; 97.07% coverage at alpha=0.5. Report alpha = 0.2774.

Constituent: Zinc Analysis Run 1/19/2025 3:36 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

Tolerance Limit

Constituent: 1,1-Dichloroethane (ug/L) Analysis Run 1/19/2025 3:37 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-14A	GWA-2 (bg)	GWC-8R	GWC-14R	GWC-8A
6/10/2019	<2					
6/11/2019		9.2	<2			
6/12/2019				12	18	2.6
12/9/2019	<2					
12/10/2019		14			14	
12/11/2019			<2	9.3		3.7
6/22/2020			<2			
6/23/2020	<2			13	18	2.4
6/24/2020		10				
12/15/2020		11		12		3.2
12/17/2020	<2		<2		19	
6/15/2021	<2	9.2	<2			
6/16/2021				16	16	2.5
12/13/2021	<2		<2			
12/14/2021		13			14	
12/15/2021				11		2.3
6/8/2022	<2		<2			
6/9/2022		9.5		8.8	11	2.1
12/12/2022	<2		<2			
12/13/2022		18		9	12	2.5
12/15/2022	<2					
6/20/2023		12	<2			
6/21/2023				9.8	11	<2
6/22/2023	<2					
12/12/2023	<2	17	<2	8.5	12	
12/13/2023						2.2
6/25/2024		13				
6/26/2024	<2		<2	9		2
6/27/2024					12	
12/3/2024		18		6.5	7.7	1.4
12/4/2024	<2		<2			

Tolerance Limit

Constituent: Barium (ug/L) Analysis Run 1/19/2025 3:37 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-14A	GWC-18	GWA-2 (bg)	GWC-19R	GWC-3A	GWC-8A	GWC-9	GWC-7
6/11/2019	28								
6/12/2019		170	230	23	97	46			
6/13/2019							33	80	48
12/10/2019	20.9		181		89.2				
12/11/2019		170				40.7			
12/12/2019				39.5			56		49.9
12/13/2019								67.9	
6/23/2020				20					
6/24/2020	22.3	171	168		83		43.9		
6/25/2020						37.1		78.5	36.4
12/16/2020		171	160		76.5		46.8		
12/17/2020						31.6			
12/18/2020	27			22				90	38.8
6/15/2021			165		82.2	36.5			
6/16/2021	26.1	173		24.2				64.3	36.9
6/17/2021							52.4		
12/14/2021	24.1			24.9				100	41.8
12/15/2021		179	141		87				
12/16/2021						32.8	49.7		
6/7/2022					85.6				
6/8/2022			196			32.3		55.7	
6/9/2022	20.4			22.4					36.4
6/10/2022		167					39.9		
12/12/2022	<20								
12/13/2022				20.6		35.4			35.6
12/14/2022		181					52.7		
12/15/2022	27.7		178		180			87.8	
6/20/2023						36.3			
6/21/2023		161	219	22.6	97.4			69.6	34.8
6/22/2023	23						36.9		
12/12/2023								93.6	37.1
12/13/2023	29.7	187	192	27.5		43.2			
12/14/2023					101		47.9		
6/25/2024									31.2
6/26/2024		150			99.7	43.5		62.5	
6/27/2024	23.2		120	21.6			43.9		
12/3/2024						41			
12/4/2024		170	130		83		44		
12/5/2024	24			24				54	30

Tolerance Limit

Constituent: Benzene (ug/L) Analysis Run 1/19/2025 3:37 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-14A	GWA-2 (bg)
6/10/2019	<2		
6/11/2019		2.1	<2
12/9/2019	<2		
12/10/2019		2.6	
12/11/2019			<2
6/22/2020			<2
6/23/2020	<2		
6/24/2020		2.5	
12/15/2020		2.9	
12/17/2020	<2		<2
6/15/2021	<2	2.6	<2
12/13/2021	<2		<2
12/14/2021		3	
6/8/2022	<2		<2
6/9/2022		2.5	
12/12/2022	<2		<2
12/13/2022		3.3	
12/15/2022	<2		
6/20/2023		2.8	<2
6/22/2023	<2		
12/12/2023	<2	3.4	<2
6/25/2024		3.1	
6/26/2024	<2		<2
12/3/2024		2.9	
12/4/2024	<2		<2

Tolerance Limit

Constituent: Chlorobenzene (ug/L) Analysis Run 1/19/2025 3:37 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-14A	GWA-2 (bg)
6/10/2019	<10		
6/11/2019		<10	<10
12/9/2019	<10		
12/10/2019		<10	
12/11/2019			<10
6/22/2020			<10
6/23/2020	<10		
6/24/2020		12	
12/15/2020		16	
12/17/2020	<10		<10
6/15/2021	<10	15	<10
12/13/2021	<10		<10
12/14/2021		15	
6/8/2022	<10		<10
6/9/2022		17	
12/12/2022	<10		<10
12/13/2022		14	
12/15/2022	<10		
6/20/2023		12	<10
6/22/2023	<10		
12/12/2023	<10	13	<10
6/25/2024		14	
6/26/2024	<10		<10
12/3/2024		9.1	
12/4/2024	<10		<10

Tolerance Limit

Constituent: cis-1,2-Dichloroethene (ug/L) Analysis Run 1/19/2025 3:37 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-14A	GWC-18	GWC-19R	GWA-2 (bg)	GWC-8R	GWC-14R	GWC-8A
6/10/2019	<2							
6/11/2019		46	14	7.7	<2			
6/12/2019						21	21	22
12/9/2019	<2		30	11				
12/10/2019		65					19	
12/11/2019					<2	24		33
6/22/2020					<2			
6/23/2020	<2		10	7.2		27	26	23
6/24/2020		62						
12/15/2020		69	26	7.9		30		31
12/17/2020	<2				<2		28	
6/14/2021			6.2	5.3				
6/15/2021	<2	59			<2			
6/16/2021						32	26	24
12/13/2021	<2				<2			
12/14/2021		77	10	7.9			24	
12/15/2021						24		24
6/6/2022				4				
6/7/2022			13					
6/8/2022	<2				<2			
6/9/2022		54				24	21	27
12/12/2022	<2				<2			
12/13/2022		86				29	22	35
12/14/2022			20	9.9				
12/15/2022	<2							
6/20/2023		54	11	3	<2			
6/21/2023						28	20	23
6/22/2023	<2							
12/12/2023	<2	82	26		<2	29	23	
12/13/2023				11				33
6/25/2024		57		2.6				
6/26/2024	<2		17		<2	31		29
6/27/2024							21	
12/3/2024		73	23	3.9		24	15	27
12/4/2024	<2				<2			

Tolerance Limit

Constituent: Cobalt (ug/L) Analysis Run 1/19/2025 3:37 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-14A	GWA-2 (bg)
6/11/2019	<40		
6/12/2019		330	<40
12/10/2019	<40		
12/11/2019		228	
12/12/2019			<40
6/23/2020			<40
6/24/2020	<40	301	
12/16/2020		298	
12/18/2020	<40		<40
6/16/2021	<40	306	<40
12/14/2021	<40		<40
12/15/2021		192	
6/9/2022	<40		<40
6/10/2022		252	
12/12/2022	<40		
12/13/2022			<40
12/14/2022		192	
12/15/2022	<40		
6/21/2023		226	<40
6/22/2023	<40		
12/13/2023	<40	174	<40
6/26/2024		200	
6/27/2024	<40		<40
12/4/2024		140	
12/5/2024	<40		<40

Tolerance Limit

Constituent: Tetrachloroethene (ug/L) Analysis Run 1/19/2025 3:37 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-18	GWA-2 (bg)
6/10/2019	<2		
6/11/2019		3.9	<2
12/9/2019	<2	7.4	
12/11/2019			<2
6/22/2020			<2
6/23/2020	<2	5.7	
12/15/2020		6.4	
12/17/2020	<2		<2
6/14/2021		3.1	
6/15/2021	<2		<2
12/13/2021	<2		<2
12/14/2021		3.4	
6/7/2022		5.2	
6/8/2022	<2		<2
12/12/2022	<2		<2
12/14/2022		3.8	
12/15/2022	<2		
6/20/2023		2.9	<2
6/22/2023	<2		
12/12/2023	<2	2.3	<2
6/26/2024	<2	2.2	<2
12/3/2024		2.5	
12/4/2024	<2		<2

Tolerance Limit

Constituent: Trichloroethene (ug/L) Analysis Run 1/19/2025 3:37 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWA-2 (bg)	GWC-14R
6/10/2019	<2		
6/11/2019		<2	
6/12/2019			4.7
12/9/2019	<2		
12/10/2019			4.3
12/11/2019		<2	
6/22/2020		<2	
6/23/2020	<2		4.3
12/17/2020	<2	<2	3.9
6/15/2021	<2	<2	
6/16/2021			3.9
12/13/2021	<2	<2	
12/14/2021			2.8
6/8/2022	<2	<2	
6/9/2022			2.8
12/12/2022	<2	<2	
12/13/2022			3
12/15/2022	<2		
6/20/2023		<2	
6/21/2023			2.3
6/22/2023	<2		
12/12/2023	<2	<2	2.6
6/26/2024	<2	<2	
6/27/2024			2.5
12/3/2024			1.8
12/4/2024	<2	<2	

Tolerance Limit

Constituent: Vinyl chloride (ug/L) Analysis Run 1/19/2025 3:37 PM View: Interwell NPTL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWC-14A	GWA-2 (bg)
6/10/2019	<2		
6/11/2019		4.3	<2
12/9/2019	<2		
12/10/2019		4	
12/11/2019			<2
6/22/2020			<2
6/23/2020	<2		
6/24/2020		7.5	
12/15/2020		11	
12/17/2020	<2		<2
6/15/2021	<2	12	<2
12/13/2021	<2		<2
12/14/2021		19	
6/8/2022	<2		<2
6/9/2022		19	
12/12/2022	<2		<2
12/13/2022		14	
12/15/2022	<2		
6/20/2023		16	<2
6/22/2023	<2		
12/12/2023	<2	16	<2
6/25/2024		27	
6/26/2024	<2		<2
12/3/2024		21	
12/4/2024	<2		<2

Tolerance Limit

Constituent: Zinc (ug/L) Analysis Run 1/19/2025 3:37 PM View: Interwell NPTEL
Harris Beamer Road MSW Landfill Client: Gordon County Data: Hightower Rd Ph II-IV

	GWA-1 (bg)	GWA-2 (bg)	GWC-9
6/11/2019	42		
6/12/2019		30	
6/13/2019			60
12/10/2019	30.4		
12/12/2019		25.9	
12/13/2019			78
6/23/2020		<20	
6/24/2020	30.7		
6/25/2020			45.9
12/18/2020	21.1	<20	41.9
6/16/2021	21.6	<20	41.8
12/14/2021	22.3	<20	49.9
6/8/2022			68.7
6/9/2022	30.8	<20	
12/12/2022	<20		
12/13/2022		<20	
12/15/2022	20.5		41.6
6/21/2023		<20	40.4
6/22/2023	20.5		
12/12/2023			48
12/13/2023	30.1	<20	
6/26/2024			48.1
6/27/2024	25.5	40.6	
12/5/2024	<20	<20	33



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