Electronic Transmittal Form for DEEP Remediation and LUST Secure File Transfer (SFT)

DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
REMEDIATION DIVISION
LEAKING UNDERGROUND STORAGE TANK COORDINATION PROGRAM
www.ct.gov/deep

This Electronic Transmittal Form must be completed and included as the cover sheet of your electronic document when uploading a document to the Connecticut SFT website. Requirements for Transmittals through the SFT website:

- Only document types identified in the dropdown lists in Part III below may be submitted through the SFT website.
- Documents submitted through the SFT website must include all applicable figures, tables and laboratory data.
- Files must be formatted as PDF/A and use the appropriate naming convention:
  - For Remediation Filings: **REM_RemID_DocumentType_DateofDocument**
    Example: REM_1234_MonitoringReport_01-01-2001
  - For LUST Filings: **LUST_SiteAddress_Town_AbbreviationForDocumentType_DateofDocument**
    Example: LUST_1MainStreet_Hartford_ESA_01-01-2001
    Note: For "AbbreviationForDocumentType" use appropriate abbreviation at Transmittal of Documents

Part I: Primary Recipient*: Remediation Program (* required)

For Remediation documents:	For LUST documents:
Primary Program*: Property Transfer	UST Facility ID: (if applicable)
Rem ID*: 11169	Spill Case Number: (if known)

Part II: Site Information

Site Name*: Former CL&P Operations
Center Site Address*: 176 Cumberland
Avenue City/Town*: Wethersfield State: CT Zip Code: 06109

Secondary Programs (complete as many as applicable for this document):

Program: Significant Environmental Hazard	Project ID:
Program: Significant Environmental Hazard	Project ID:
Program: Select Secondary Program	Project ID:
Program: Select Secondary Program	Project ID:

Provide Project ID for each secondary program if it is known.
Each program has a unique ID (i.e. Rem ID, Spill Case #, UST Facility ID, etc.)

Part III: Document Information (document type required for appropriate program[s] only)

Remediation*: Annual Report
LUST*:
Date of Document*: 2/22/2021 Version: Final

Part IV: Submitter Information

Name*: Don Wilson
E-mail*: dwilson@apexcos.com
Name of company/business this document is being submitted on behalf of: *
Eversource Energy

VIA CTDEEP SFT

February 22, 2021

Mr. David Ringquist
Remediation Division
Bureau of Water Protection and Land Reuse
Connecticut Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

RE: Annual Status Report
Former CL&P Operations Center
176 Cumberland Avenue
Wethersfield, Connecticut
REM ID: 11169

Dear Mr. Ringquist:

Apex Companies, LLC, on behalf of Eversource Energy (Eversource), has prepared the attached Status Report for environmental activities that have been conducted at the former Connecticut Light and Power Company (CL&P) facility located at 176 Cumberland Avenue in Wethersfield, Connecticut. The report summarizes the activities conducted in 2020.

Should you have any questions regarding the information presented, please contact either of the undersigned at (860) 282-1700.

Sincerely,

APEX COMPANIES, LLC

Don E. Wilson
Assistant Project Manager

APEX COMPANIES, LLC

David B. Sherman, LEP, LSP
Program Director

ecc: Ms. Amy Voisine-Shea, Eversource
Mr. David Lansey, ABC Properties/Fisher Associates

2020 ANNUAL STATUS REPORT

Former CL&P Operations Center
176 Cumberland Avenue
Wethersfield, Connecticut
REM ID: 11169

February 22, 2021

Apex Project No.: 6089-015

Prepared for:

Eversource Energy Service Company
P.O. Box 270
Hartford, CT 06141-0270

Prepared by:

Apex Companies, LLC
58H Connecticut Avenue
South Windsor, CT 06074-3452

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 SITE BACKGROUND 1
3.0 SOIL REMEDIATION 2
4.0 GROUNDWATER MONITORING WELL REPLACEMENT 2
5.0 GROUNDWATER MONITORING ACTIVITIES 3
5.1 Calculation of Alternative Surface Water Protection Criteria 4
5.2 Groundwater Sampling Results 4
5.3 Data Quality and Usability 5
6.0 FUTURE ACTIVITIES 9
7.0 REFERENCES 10

FIGURES

Figure 1: Site Location Map
Figure 2: Site Plan

TABLES

Table 1: Groundwater Analytical Results – Detected Analytes

APPENDICES

Appendix A: Well Sampling Records
Appendix B: Alternative SWPC Calculation Worksheets
Appendix C: Laboratory Analytical Reports – Groundwater

1.0 INTRODUCTION

Apex Companies, LLC (Apex), on behalf of Eversource Energy Service Company (Eversource), has prepared the following Status Report for environmental activities conducted at the former The Connecticut Light and Power Company (CL&P) facility located at 176 Cumberland Avenue in Wethersfield, Connecticut (the Site). This report summarizes monitoring activities conducted in 2020.

2.0 SITE BACKGROUND

On October 4, 2012, the Connecticut Department of Energy and Environmental Protection (CTDEEP) issued a letter to Wethersfield, LLC acknowledging receipt of a Form III and an Environmental Condition Assessment Form (ECAF) in support of a transfer of the property from Wethersfield, LLC to the Capitol Region Education Council (CREC). Wethersfield, LLC was the Certifying Party for the transfer, and Eversource is currently monitoring the completion of certain remediation activities at the Site. Note that while Eversource is performing certain environmental activities at the Site, Eversource is not the Certifying Party per the Connecticut Transfer Act. Responsibility for oversight of assessment and remediation at this Site has been delegated to a Connecticut Licensed Environmental Professional (LEP) under CGS Section 22a-134x. A Schedule for Investigation and Remediation letter was submitted to CTDEEP on December 17, 2012.

The Site was initially developed in the mid-1950s by CL&P (a subsidiary of Northeast Utilities [NU], now known as Eversource Energy) primarily for use as a call/data center. Additional uses included vehicle maintenance and equipment warehousing. Records indicate that CL&P and other NU companies (collectively NU) occupied the Site from the mid-1950s until 2006. These records also indicate that the Site was owned by a series of real estate companies for which NU was a tenant. Town of Wethersfield records document that Wethersfield, LLC purchased the property in 1998, and CREC is the current property owner.

The Site has been redeveloped by CREC for use as a school (CREC Discovery Academy). The redevelopment plan involved the preservation of certain portions of the Site structure and demolition of other portions of the site building. Construction was completed at the Site in the fall of 2015, and the school has been open since then.

The subject property is located in a mixed commercial and residential area of Wethersfield. The Site is bordered to the east and south primarily by residential properties. It is bordered to the northeast by office buildings, to the northwest by the Wilbur Cross Highway, and is primarily undeveloped and wooded to the west. The geographic location of the Site and its immediate surroundings are included on **Figure 1**.

According to the CTDEEP Water Quality Classification Map of Connecticut, groundwater beneath the Site is classified as GA, which is defined as groundwater that is suitable for drinking without treatment. A Site Plan depicting pertinent site features is included as **Figure 2**.

A Remedial Action Plan (RAP) was prepared by Apex and submitted to CTDEEP in April 2013. The RAP described site conditions, remedial goals, and remedial activities to be performed to address soil and groundwater impacts. As detailed in the RAP, Apex performed a review of remediation alternatives and determined that two remedial technologies were the most applicable and cost effective for remediating soil and groundwater at this Site: 1) excavation and off-site disposal of impacted soil, and 2) monitored natural attenuation of impacted groundwater.

3.0 SOIL REMEDIATION

Soil excavation activities as outlined in the RAP were conducted by True Blue Environmental, Inc. of Wallingford, Connecticut on July 17, 2013 and were overseen by an Apex environmental scientist. Excavation activities were conducted in the vicinity of monitoring well AP-11, which was located in a former loading dock area on the western side of the original site building. Based on prior sampling results, extractable total petroleum hydrocarbons (ETPH) were identified as the contaminant of concern. The completed excavation measured 10 feet by 10 feet, centered on monitoring well AP-11, and extended to 12 feet below grade (fbg). A total of 69.75 tons of impacted soil was disposed of offsite at the Ted Ondrick Company, LLC facility in Chicopee, Massachusetts.

Confirmatory soil samples were collected by Apex personnel from 8 to 10 fbg on all four sidewalls and from the bottom of the excavation. The samples were submitted to Con-Test Analytical Laboratory (Con-Test) in East Longmeadow, Massachusetts and analyzed for ETPH. The results of the laboratory analytical data indicate that there were no detections of ETPH above the laboratory reporting limits (RLs) in any of the post-excavation samples. Following receipt of the sampling results, the excavation was backfilled to grade with clean fill.

Based on the laboratory results, excavation of the impacted area was successful, and soil remediation is complete. A letter report dated August 27, 2013 was submitted to CTDEEP to document the soil remediation activities.

4.0 GROUNDWATER MONITORING WELL REPLACEMENT

During redevelopment and related construction activities of the school, many groundwater monitoring wells were destroyed and required replacement. In September 2014, replacement wells AP-6R and AP-11R were installed. Subsequently, during June 2015, nine additional replacement groundwater monitoring wells (AP-1R, AP-2R, AP-3R, AP-4R, AP-9R, AP-12R, AP-13R, AP-15R, and AP-101R) were installed as described in the 2015 Annual Status Report.

Since installation of the replacement wells in 2015, two of these wells (AP-13R and AP-15R) have been reported as dry/and or did not contain enough groundwater for sampling during the annual groundwater sampling events. Two new shallow bedrock wells (AP-13R-BR and AP-15R-BR) were installed at these locations on August 17, 2018. Monitoring well AP-13R-BR was installed in a small, landscaped area adjacent to well AP-13R. Monitoring well AP-15R was over-drilled to install well AP-15R-BR. Details of the August 2018 well installation were described in the 2018 Annual Status Report. The replacement well locations are depicted on **Figure 2**.

5.0 GROUNDWATER MONITORING ACTIVITIES

Quarterly groundwater sampling events occurred on February 18 through February 19, June 22 through June 24, August 31 through September 2, and November 11 through November 13, 2020. During the monitoring events, samples were collected from 11 monitoring wells: AP-1R, AP-2R, AP-3R, AP-4R, AP-6R, AP-9R, AP-11R, AP-12R, AP-13R-BR, AP-15R-BR and AP-101R.

Prior to sampling, each monitoring well was gauged with an electronic interface probe (IP) capable of detecting non-aqueous phase liquid (NAPL) and depth to water to an accuracy of 0.01 feet. The purpose of the gauging is to collect data regarding depth to water and the thickness of the saturated zone in each well prior to sampling and to determine the potential presence of any light or dense NAPL (LNAPL or DNAPL). Measurable NAPL was not detected in any of the on-site monitoring wells during the groundwater monitoring events. Depth to groundwater ranged from 0.54 feet (AP-2R, February) to 18.82 feet (AP-6R, August). Well AP-13R was dry during each of the events and, therefore, was not sampled.

During the groundwater monitoring events, Apex personnel performed low-flow sampling in general accordance with the United States Environmental Protection Agency (USEPA) *Low Stress Purging and Sampling of Groundwater Samples from Monitoring Wells* Revised September 19, 2017). As required by the purging and sampling protocol, groundwater was monitored during well purging using a water quality meter with a flow through cell for the following parameters: temperature, specific conductivity, pH, oxidation-reduction potential (ORP), dissolved oxygen (DO), and turbidity. Once each of these parameters stabilized, or if parameter readings did not stabilize after a minimum of 60 minutes of purging, a groundwater sample was collected.

During the sampling events, several wells lacked sufficient water volume, therefore, field parameter readings were not collected. During the August sampling event monitoring well AP-1R contained insufficient water volume to collect field parameters. During the August and November sampling events, AP-6R contained insufficient water volume to collect field parameters and AP-11R contained insufficient water to collect a sample. Additionally, AP-12R contained insufficient water volume to collect field parameters during each of the 2020 quarterly sampling events.

The collected groundwater samples were immediately placed in laboratory-provided glassware and submitted to Con-Test for analysis in accordance with one or more of the following analytical methods:

- Volatile organic compounds (VOCs) (EPA Method 8260);
- Semi-volatile organic compounds (SVOCs) (EPA Method 8270);
- Extractable Total Petroleum Hydrocarbons (ETPH) (Connecticut Method);
- Extractable Petroleum Hydrocarbons (EPH) (Massachusetts Method);
- Total Remediation Standard Regulations (RSRs) metals[1] (EPA Method 6020/7470);
- Mercury (EPA Method 6020/7470); and/or
- Dissolved RSR metals (EPA Method 6020).

Well sampling records documenting well purging and monitoring activities are provided in **Appendix A**.

5.1 Calculation of Alternative Surface Water Protection Criteria

Alternative SWPC was calculated for certain compounds (arsenic and zinc) in accordance with the RSRs (Section 22a-133l-3(b)(3)(A)). The Alternative SWPC was calculated by multiplying the lower of the human health or aquatic life criterion in Appendix D of the Connecticut Water Quality Standards by a calculated SWPC multiplier. The SWPC multiplier was calculated using the following equation: [(0.25 x 7Q10) / Q_{plume}] where 7Q10 is river discharge for the seven-day ten-year low flow of the downgradient surface water body into which the subject groundwater plume discharges, and Q_{plume} is equal to the average daily discharge of impacted groundwater from the subject groundwater plume. The calculation utilized output data from USGS StreamStats to calculate the 7Q10 stream flow, site-specific data and specific information related to Beaver Brook as the nearest downgradient receiving surface water. The calculated Alternative SWPC for arsenic and zinc was calculated as:

- Arsenic: 0.699 mg/L; and
- Zinc: 0.303 mg/L

The calculation worksheets are provided in **Appendix B** and are updated in **Table 1**.

5.2 Groundwater Sampling Results

Methyl tert-butyl ether (MTBE) was detected in monitoring wells AP-4R (September) and AP-11R (February) at concentrations of 0.88 micrograms per liter (µg/L) and 0.51 µg/L, respectively. Additionally, chloroform was detected in monitoring well AP-15R-BR at concentrations of 0.65 µg/L (November) and 1.2 µg/L (September). No other VOCs were detected above laboratory reporting limits. All VOCs detected were below applicable RSR criteria.

SVOCs were detected in monitoring well AP-12R, including benzo(a)anthracene (0.064 to 0.086 µg/L), benzo(b)anthracene (0.073 to 0.110 µg/L), chrysene (0.098 µg/L), and phenanthrene (0.80

[1] Metals listed in the Connecticut RSRs, as follows: antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium and zinc

to 1.5 µg/L). The detected concentrations of benzo(a)anthracene and benzo(b)fluoranthene exceeded the GWPC during select sampling events. Detected concentrations of phenanthrene exceeded SWPC during the June, September, and November sampling events. SVOCs were not detected above laboratory reporting limits in any of the other wells sampled during 2020.

An ETPH analysis was performed on the samples collected during the February 2020 sampling event. ETPH concentrations were detected in monitoring wells AP-3R (0.31 mg/L), AP-4R (0.17 mg/L), AP-9R (0.19 mg/L), and AP-15R-BR (0.23 mg/L). All detected concentrations of ETPH were below RSR Criteria with the exception on the ETPH concentration reported at AP-3R.

Two petroleum hydrocarbon fractions were detected in the EPH analyses. C_{11}-C_{22} aromatic hydrocarbons were detected in monitoring wells AP-3R and AP-12R (110 mg/L, August), and C_{19}-C_{36} aliphatic hydrocarbons were detected in monitoring well AP-12R (120 mg/L, November). The detected concentrations of C_{11}-C_{22} aromatic hydrocarbons exceeded the Additional Polluting Substance SWPC (100 mg/L). No other EPH fractions were identified.

Certain metals (arsenic, barium, beryllium, cadmium, chromium, copper, lead, nickel, vanadium, and zinc) were detected in one or more samples during the 2020 sampling events. Concentrations of arsenic and zinc were detected above the recommended SWPC, however, did not exceed the Alternative SWPC calculated for the Site (**Section 5.1**).

During the June 2020 sampling event, the tubing was replaced in each of the sampled groundwater monitoring wells. Additionally, it was noted that the groundwater purged from monitoring well AP-6R was observed as cloudy with a reddish-orange color.

A summary of recent and historical groundwater analytical results for the parameters presented above is included as **Table 1**. The 2020 laboratory analytical reports are included in **Appendix C.**

5.3 Data Quality and Usability

Laboratory analytical quality assurance/quality control (QA/QC) was conducted in general accordance with the *Laboratory Quality Assurance and Quality Control Guidance – Reasonable Confidence Protocols* (CTDEEP, 2007). The laboratory reports were reviewed for non-conformances related to site specific compounds of concern. Specific qualifications are presented in the case narrative summaries in the attached laboratory reports in **Appendix C**.

Laboratory Reports 20B0825, 20B0883, and 20C0302

A data quality assessment was conducted for Con-Test laboratory reports 20B0825, 20B0883, 20C0302, representing the groundwater samples collected during the February 2020 groundwater monitoring activities. Field-based QA/QC included trip blanks, matrix spike/matrix spike duplicate (MS/MSD), and a field duplicate.

No VOCs were detected in the trip blanks. The sample from well AP-3R was used as the MS/MSD. A field duplicate sample (DUP) was collected from well AP-1R. No VOCs, SVOCs, or EPH were detected in the parent or duplicate samples.

The Relative Percent Difference (RPD) between the parent and duplicate samples was calculated to assess sample precision. The parent/duplicate RPDs were all within acceptable limits.

- ETPH was detected in the parent sample at 0.17 mg/L and in the duplicate sample at 0.20 mg/L; RPD 16%.
- Barium was detected in the parent sample at 0.180 mg/L and in the duplicate sample at 0.180 mg/L; RPD 0%.
- Copper was detected in the parent sample at 0.0064 mg/L and in the duplicate sample at 0.0066 mg/L; RPD 3%.
- Arsenic was not detected in the parent sample (Laboratory Reporting Limit 0.00080 mg/L); however, it was detected in the duplicate sample at 0.0012 mg/L; RPD 40%.

Non-conformances for the submitted samples and/or laboratory QA/QC samples were noted and are summarized below.

- Duplicate RPD is a less useful indicator of sample precision for sample results that are < 5 times the reporting limit (RL); and
- CCV did not meet method specifications and was biased on the low side for MTBE.

All other non-conformances are associated with analytes that were not detected in any of the groundwater samples and are not considered to be constituents of concern for the site.

Effective analytical accuracy and precision were demonstrated via acceptable recoveries of surrogates, LCS, and/or LCS duplicate samples.

Based upon the project-specific QC sample results, the project data set overall satisfies the project's data quality objectives. Accordingly, the data is deemed usable for its intended purpose of monitoring and evaluating Site groundwater quality. Detailed results of all internal laboratory QC samples and field-based QA/QC samples submitted for laboratory analysis are presented in the laboratory analytical reports provided as **Appendix C**.

Laboratory Report 20F1199

A data quality assessment was conducted for Con-Test laboratory report 20F1199, representing the groundwater samples collected during the June groundwater monitoring activities. Field-based QA/QC included trip blanks, matrix spike/matrix spike duplicate (MS/MSD), and a field duplicate.

No VOCs were detected in the trip blanks. The sample from well AP-3R was used as the MS/MSD. A field duplicate sample (DUP) was collected from well AP-9R. No VOCs, SVOCs, or EPH were detected in the parent or duplicate samples.

The Relative Percent Difference (RPD) between the parent and duplicate samples was calculated to assess sample precision. The parent/duplicate RPDs were all within acceptable limits.

- Barium was detected in the parent sample at 0.100 mg/L and in the duplicate sample at 0.110 mg/L; RPD 10%.
- Chromium was detected in the parent sample at 0.0011 mg/L and in the duplicate sample at 0.0010 mg/L; RPD 10%.
- Copper was detected in the parent sample at 0.0018 mg/L and in the duplicate sample at 0.0019 mg/L; RPD 5%.
- Arsenic was not detected in the parent sample (Laboratory Reporting Limit 0.00080 mg/L); however, it was detected in the duplicate sample at 0.00098 mg/L; RPD 20%.
- Zinc was not detected in the parent sample (Laboratory Reporting Limit 0.010 mg/L); however, it was detected in the duplicate sample at 0.015 mg/L; RPD 40%.

Non-conformances for the submitted samples and/or laboratory QA/QC samples were noted and are summarized below.

- For method 8270, only a select list of PAHs were analyzed and reported in order to achieve lower detection limits than possible with EPH analysis.

All other non-conformances are associated with analytes that were not detected in any of the groundwater samples and are not considered to be constituents of concern for the site.

Effective analytical accuracy and precision were demonstrated via acceptable recoveries of surrogates, LCS, and/or LCS duplicate samples.

Based upon the project-specific QC sample results, the project data set overall satisfies the project's data quality objectives. Accordingly, the data is deemed usable for its intended purpose of monitoring and evaluating Site groundwater quality. Detailed results of all internal laboratory QC samples and field-based QA/QC samples submitted for laboratory analysis are presented in the laboratory analytical reports provided as **Appendix C**.

Laboratory Report 20I0158

A data quality assessment was conducted for Con-Test laboratory report 20I0158, representing the groundwater samples collected during the August/September 2020 groundwater monitoring activities. Field-based QA/QC included trip blanks, matrix spike/matrix spike duplicate (MS/MSD), and a field duplicate.

No VOCs were detected in the trip blanks. The sample from well AP-15R-BR was used as the MS/MSD. A field duplicate sample (DUP) was collected from well AP-9R. No VOCs, SVOCs, or EPH were detected in the parent or duplicate samples.

The Relative Percent Difference (RPD) between the parent and duplicate samples was calculated to assess sample precision. The parent/duplicate RPDs were all within acceptable limits.

- Barium was detected in the parent sample at 0.110 mg/L and in the duplicate sample at 0.110 mg/L; RPD 0%.
- Chromium was detected in the parent sample at 0.0013 mg/L and in the duplicate sample at 0.0015 mg/L; RPD 14%.
- Copper was detected in the parent sample at 0.0036 mg/L and in the duplicate sample at 0.0023 mg/L; RPD 44%.
- Zinc was detected in the parent sample at 0.0079 mg/L and in the duplicate sample at 0.0044 mg/L; RPD 57%.

Non-conformances for the submitted samples and/or laboratory QA/QC samples were noted and are summarized below.

- For method 8270, only a select list of PAHs were analyzed and reported in order to achieve lower detection limits than possible with EPH analysis; and
- Either matrix spike or matrix spike duplicate was outside of control limits for select analytes, but the other was within limits, analysis was in control based on fortified blank recovery.

All other non-conformances are associated with analytes that were not detected in any of the groundwater samples and are not considered to be constituents of concern for the site.

Effective analytical accuracy and precision were demonstrated via acceptable recoveries of surrogates, LCS, and/or LCS duplicate samples.

Based upon the project-specific QC sample results, the project data set overall satisfies the project's data quality objectives. Accordingly, the data is deemed usable for its intended purpose of monitoring and evaluating Site groundwater quality. Detailed results of all internal laboratory QC samples and field-based QA/QC samples submitted for laboratory analysis are presented in the laboratory analytical reports provided as **Appendix C**.

Laboratory Report 20K0616 and 20K0617

A data quality assessment was conducted for Con-Test laboratory reports 20K0616 and 20K0617, representing the groundwater samples collected during the November 2020 groundwater monitoring activities. Field-based QA/QC included trip blanks, matrix spike/matrix spike duplicate (MS/MSD), and a field duplicate.

No VOCs were detected in the trip blanks. The sample from well AP-15R-BR was used as the MS/MSD. A field duplicate sample (DUP) was collected from well AP-3R. No VOCs, SVOCs, or EPH were detected in the parent or duplicate samples.

The Relative Percent Difference (RPD) between the parent and duplicate samples was calculated to assess sample precision. The parent/duplicate RPDs were all within acceptable limits.

- Arsenic was detected in the parent sample at 0.0013 mg/L; however, it was not detected in the duplicate sample (Laboratory Reporting Limit 0.00080 mg/L; RPD 48%.
- Barium was detected in the parent sample at 0.080 mg/L and in the duplicate sample at 0.084 mg/L; RPD 5%.
- Cadmium was detected in the parent sample at 0.00094 mg/L and in the duplicate sample at 0.00014 mg/L; RPD 148%
- Chromium was detected in the parent sample at 0.0034 mg/L and in the duplicate sample at 0.0043 mg/L; RPD 23%.
- Copper was detected in the parent sample at 0.0059 mg/L and in the duplicate sample at 0.0057 mg/L; RPD 3%.
- Lead was detected in the parent sample at 0.0018 mg/L and in the duplicate sample at 0.0019 mg/L; RPD 5%.
- Vanadium was detected in the parent sample at 0.0066 mg/L and in the duplicate sample at 0.0078 mg/L; RPD 17%.
- Zinc was detected in the parent sample at 0.062 mg/L and in the duplicate sample at 0.063 mg/L; RPD 16%.

Non-conformances for the submitted samples and/or laboratory QA/QC samples were noted and are summarized below.

- For method 8270, only a select list of PAHs were analyzed and reported in order to achieve lower detection limits than possible with EPH analysis; and
- Either matrix spike or matrix spike duplicate was outside of control limits for select analytes, but the other was within limits, analysis was in control based on fortified blank recovery.

All other non-conformances are associated with analytes that were not detected in any of the groundwater samples and are not considered to be constituents of concern for the site.

Effective analytical accuracy and precision were demonstrated via acceptable recoveries of surrogates, LCS, and/or LCS duplicate samples.

Based upon the project-specific QC sample results, the project data set overall satisfies the project's data quality objectives. Accordingly, the data is deemed usable for its intended purpose of monitoring and evaluating Site groundwater quality. Detailed results of all internal laboratory

QC samples and field-based QA/QC samples submitted for laboratory analysis are presented in the laboratory analytical reports provided as **Appendix C**.

6.0 FUTURE ACTIVITIES

Although current CTDEEP regulations indicate that compliance monitoring is recommended to be completed over two years with four compliance events completed within that two year period to account for variable season changes, the CTDEEP still considers compliance monitoring over a one year period to be acceptable, as long as all monitoring wells meet the appropriate criteria for all four quarters. Analytical results for the four quarterly sampling events conducted at the Site in 2020 indicate that groundwater compliance has been demonstrated at select monitoring wells, AP-1R, AP-2R, AP-4R, AP-9R, AP-13R-BR and AP-101R. Based on these analytical results, Apex recommends that these six wells be eliminated from the groundwater sampling program and that the groundwater monitoring plan be modified to focus on monitoring wells where compliance has not been demonstrated, AP-3R, AP-6R, AP-11R, AP-12R and AP-15R-BR. This revised sampling network will continue to evaluate the on-site groundwater quality until compliance is achieved at these remaining locations.

Future Site Status Reports will continue to be submitted to the CTDEEP on an annual basis detailing groundwater sampling activities conducted at the Site. A Status Report summarizing the activities to be conducted in 2021 will be submitted to CTDEEP by February 28, 2022.

7.0 REFERENCES

Remedial Action Plan, Apex, April 2013

Low Stress (low flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells (United States Environmental Protection Agency, EPA, September 2017)

Remediation Standard Regulations, CTDEEP, June 2013

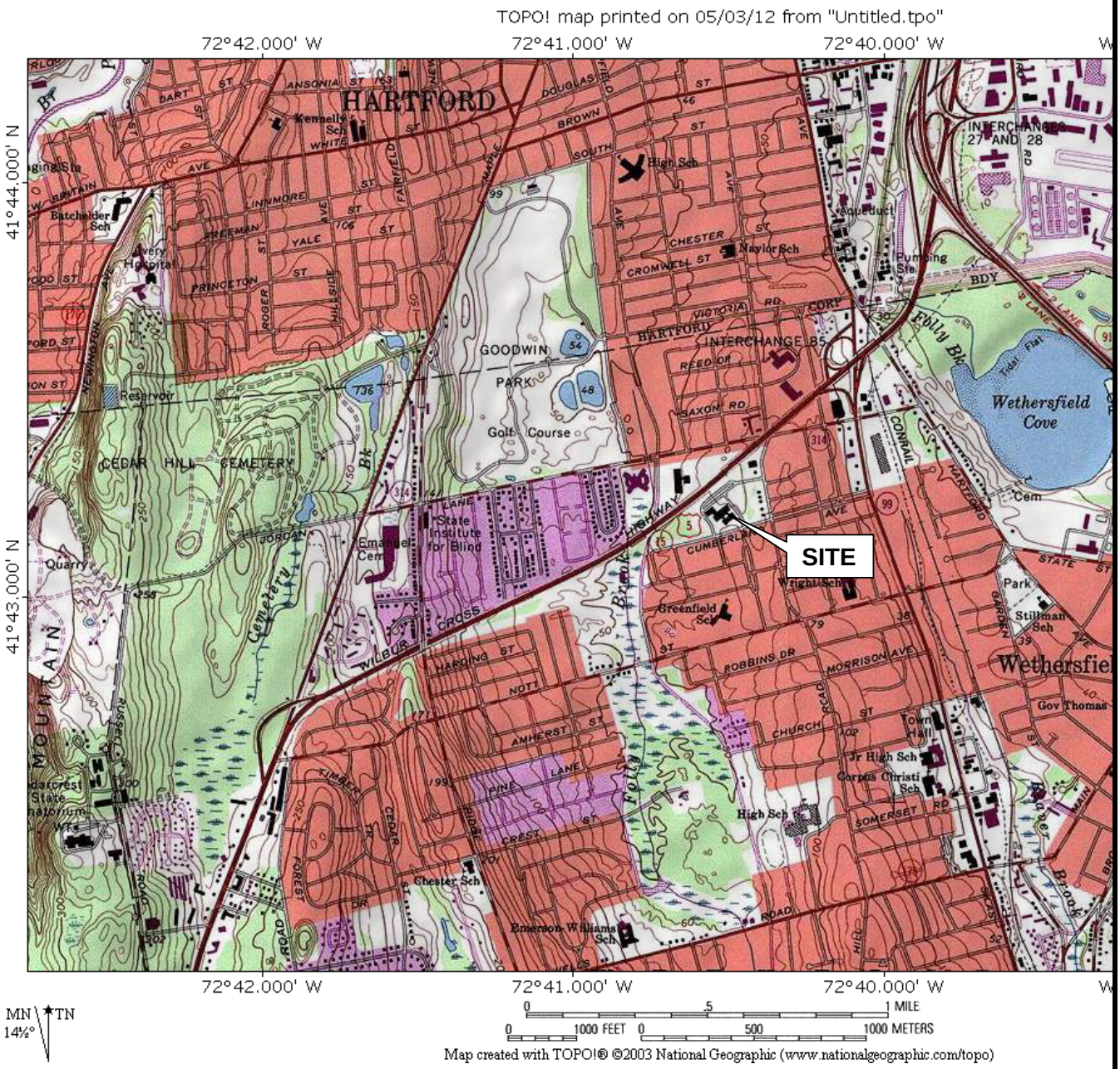
Technical Support Document: Recommended Criteria for Common Additional Pollution Substances and Certain Alternative Criteria, CTDEEP, December 2015

Laboratory Quality Assurance and Quality Control Guidance – Reasonable Confidence Protocols, CTDEEP, July 2007

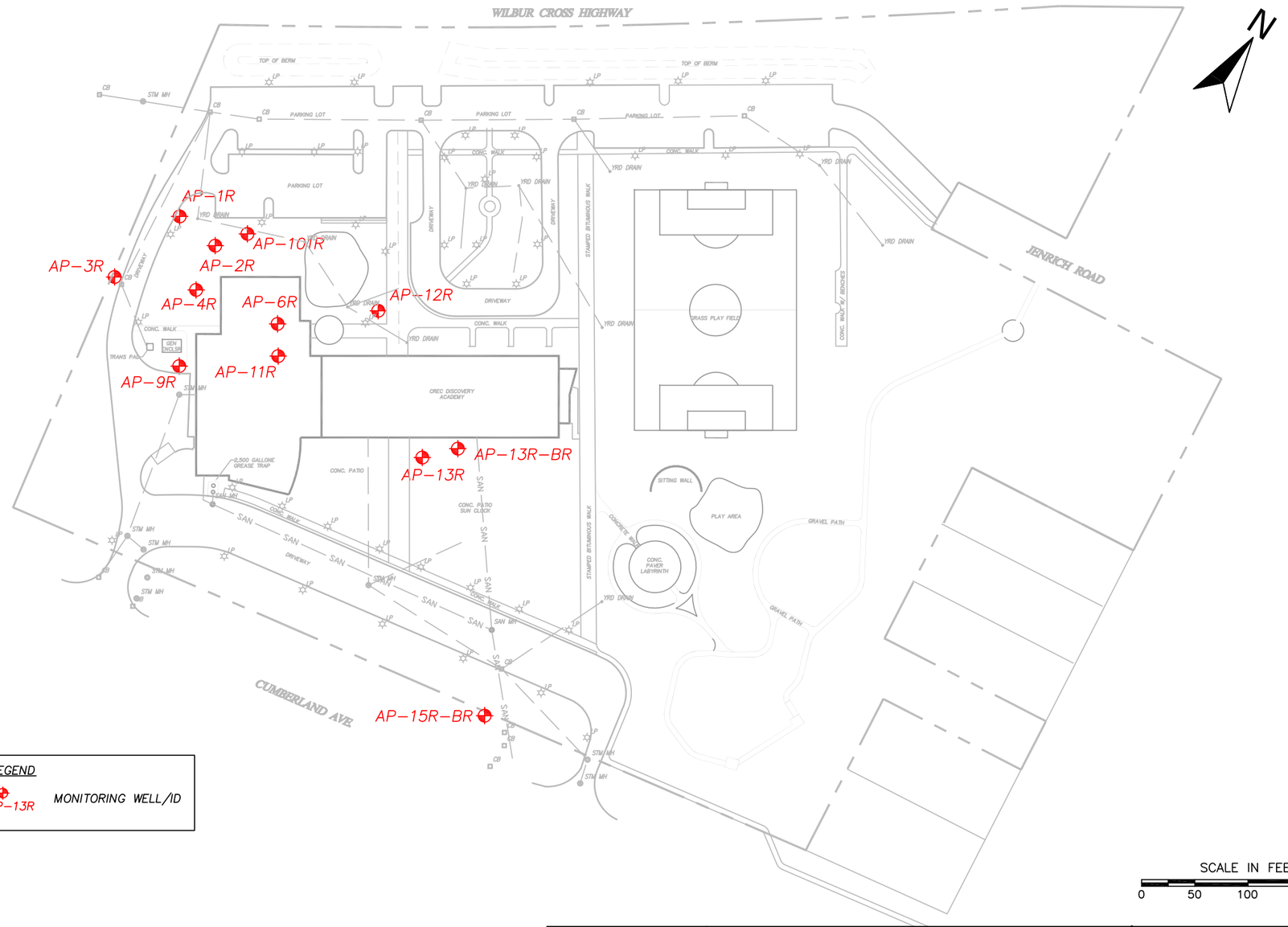
FIGURES

Figure 1
Site Location Map

176 Cumberland Avenue
Wethersfield, Connecticut



APEX 58H Connecticut Avenue South Windsor, Connecticut Telephone: (860) 282-1700	United States Department of the Interior Geological Survey 7.5 Minute Series Topographic Map Contour Interval: 20 feet Scale: 1 inch = 2,000 feet Wethersfield, Connecticut, 2003	Project: Site Assessment Apex Job #: 5783-012	



NOTES:

THE BASE MAP WAS PREPARED BY O'BRIEN ASSOCIATES, INC. FILE 3395 DATED SEP. 29, 2015.

CHECK BY	DK
DRAWN BY	MCK
DATE	2/20/2019
SCALE	1"=100'
CAD NO.	FIGURE 1
PRJ NO.	6089–015

SITE PLAN

FORMER CL&P OPERATIONS CENTER
176 CUMBERLAND AVE.
WETHERSFIELD, CONNECTICUT

APEX

FIGURE 2

TABLES

APEX

TABLE 1
Groundwater Analytical Results - Detected Analytes
Former CL&P Operations Center
Eversource Energy
176 Cumberland Avenue
Wethersfield, Connecticut

Well ID:	AP-1B											AP-2R											AP-3R													
Date Sampled:	11/4/2009	3/25/2010	8/12/2015	11/11/2015	3/1/2016	5/24/2016	5/30/2017	10/11/2018	7/31/2019	2/18/2020	6/23/2020	9/1/2020	11/11/2020	11/4/2009	3/26/2010	8/12/2015	11/11/2015	3/13/2016	5/24/2016	5/30/2017	10/10/2018	7/30/2019	2/19/2020	6/22/2020	9/1/2020	11/11/2020	11/4/2009	3/25/2010	8/12/2015	11/11/2015	3/1/2016	5/24/2016	5/30/2017	10/10/2018	7/30/2019	2/19/2020	6/23/2020	8/31/2020	11/12/2020	GWPC	SWPC	Residential Volatilization Criteria	Industrial/Commercial Volatilization Criteria
VOCs via EPA 8260 (ug/L)																																									
Acetone	ND<5.0	ND<5.0	ND<10.0	ND<10.0	ND<26	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<5.0	ND<5.0	ND<10.0	ND<10.0	ND<10	ND<10	ND<10	ND<10.0	ND<10	ND<10	ND<10	ND<10	ND<10	ND<5.0	ND<5.0	ND<10.0	ND<10.0	ND<10	ND<10	ND<10	ND<10.0	ND<10	ND<10	ND<10	ND<10	700	10,000 *	50,000	50,000
Benzene	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1	715	219	436
2-Butanone (MEK)	ND<2.0	ND<2.0	ND<10.0	ND<10.0	ND<10	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<2.0	ND<2.0	ND<10.0	ND<10.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<2.0	ND<2.0	ND<10.0	ND<10.0	ND<5.0	ND<5.0	ND<5.0	ND<10.0 *	ND<5.0	ND<5.0	ND<5.0	ND<5.0	420	10,000 *	50,000	50,000
n-Butylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	353 *	10,000 *	1,600 *	21,800 *
sec-Butylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	353 *	10,000 *	1,600 *	25,100 *
Carbon disulfide	2.8	ND<50	ND<2.0	ND<2.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	2.7	ND<50	ND<2.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<50	ND<2.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	40 *	150 *	2,100 *	3,200 *
Carbon tetrachloride	ND<0.50	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5	132	18	40
Chloroform	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6	14,100	287	710
1,2-Dichloroethane	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1	2,970	21	90
Di-isopropyl ether	NS	NS	ND<1.0	ND<1.0	NS	ND<0.50	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<1.0	ND<1.0	ND<0.50	ND<0.50	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<1.0	ND<1.0	ND<0.50	ND<0.50	NS	NS	NS	NS	NS	NS	NE	NE	NE	NE
Ethylbenzene	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	700	580,000	50,000	50,000
Isopropylbenzene	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	25 *	210 *	360 *	2,200 *
p-Isopropyltoluene	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	25 *	200 *	870 *	3,100 *
Methyl tert-butyl ether (MTBE)	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.80	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	100	10,000 *	50,000	50,000
Naphthalene	ND<2.0	ND<2.0	ND<1.0	ND<1.0	ND<4.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	280	210 *	NE	NE
n-Propylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	30 *	10,000 *	1,200 *	2,900 *
Tetrahydrofuran	ND<10	ND<10	ND<2.0	ND<2.0	ND<26	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<2.0	ND<2.0	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<2.0	ND<2.0	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	4 *	9,600 *	250 *	3,700
Toluene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.2	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1000	4,000,000	23,500	50,000
1,2,4-Trimethylbenzene	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140 *	150 *	940 *	12,800 *
1,3,5-Trimethylbenzene	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140 *	360 *	730 *	10,000 *
Total Xylenes	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	530	270 *	21,300	50,000
SVOCs via EPA 8270 (ug/L)																																									
Acenaphthene	ND<5.0	ND<5.0	ND<0.300	ND<0.099	ND<0.30	ND<0.30	ND<0.29	ND<0.30	ND<0.30	ND<5.0	ND<4.9	ND<5.0	ND<5.5	ND<5.0	ND<5.0	ND<0.300	ND<0.050	ND<0.30	ND<0.30	ND<0.29	ND<0.32	ND<0.31	ND<5.1	ND<5.0	ND<5.0	ND<5.4	ND<5.0	ND<5.0	ND<0.309	ND<0.050	ND<0.30	ND<0.30	ND<0.28	ND<0.31	ND<0.31	ND<5.0	ND<5.2	ND<5.1	ND<5.30	420 *	190 *	30,500 *	50,000 *
Anthracene	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<5.0	ND<4.9	ND<5.0	ND<5.5	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.20	ND<0.20	ND<0.19	ND<0.21	ND<0.20	ND<5.1	ND<5.0	ND<5.0	ND<5.4	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.20	ND<0.20	ND<0.18	ND<0.20	ND<0.20	ND<5.0	ND<5.2	ND<5.1	ND<5.1	2,000	1,100,000	NE	NE
Aniline	ND<5.0	ND<5.0	ND<5.10	ND<4.43	ND<5.0	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0	ND<4.9	ND<5.0	ND<5.5	ND<5.0	ND<5.0	ND<5.10	ND<5.10	ND<5.0	ND<5.0	ND<4.8	ND<5.3	ND<5.1	ND<5.1	ND<5.0	ND<5.0	ND<5.4	ND<5.0	ND<5.0	ND<5.05	ND<5.26	ND<5.0	ND<5.0	ND<4.6	ND<5.1	ND<5.1	ND<5.0	ND<5.2	ND<5.1	ND<5.1	6.1 *	41 *	NE	NE
Benzo(a)anthracene	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.049	ND<0.050	ND<0.050	ND<0.049	ND<0.048	ND<0.050	ND<0.050	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	0.050	ND<0.050	ND<0.048	ND<0.053	ND<0.051	ND<0.050	ND<0.050	ND<0.049	ND<0.048	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.046	ND<0.051	ND<0.051	ND<0.050	ND<0.050	ND<0.050	ND<0.049	0.06 *	0.3	NE	NE
Benzo(a)pyrene	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.10	ND<0.10	ND<0.098	ND<0.10	ND<0.10	ND<0.098	ND<0.096	ND<0.10	ND<0.10	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.10	ND<0.10	ND<0.095	ND<0.11	ND<0.10	ND<0.10	ND<0.10	ND<0.099	ND<0.096	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.10	ND<0.10	ND<0.092	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.098	0.2 *	0.3	NE	NE
Benzo(b)fluoranthene	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.049	ND<0.050	ND<0.050	ND<0.049	ND<0.048	ND<0.050	ND<0.050	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	0.061	ND<0.050	ND<0.048	ND<0.053	ND<0.051	ND<0.050	ND<0.050	ND<0.049	ND<0.048	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.046	ND<0.051	ND<0.051	ND<0.050	ND<0.050	ND<0.050	ND<0.049	0.06 *	0.3	NE	NE
Bis(2-Ethylhexyl)phthalate	**ND<10**	**ND<10**	**ND<5.10**	**ND<5.43**	ND<2.0	**3.9**	**ND<5.0**	ND<2.0	**ND<10**	ND<2.0	**ND<2.7**	ND<2.0	**ND<2.0**	**ND<10**	**ND<10**	**ND<5.10**	**ND<5.10**	ND<2.0	**3.4**	**ND<5.0**	**ND<7**	**ND<10**	ND<2.0	**ND<10**	ND<2.0	**ND<2.0**	**ND<10**	**ND<10**	**ND<5.05**	**ND<5.26**	ND<2.0	**3.1**	**ND<5.0**	**ND<10**	ND<2.0	**ND<10**	ND<2.0	**ND<10**	ND<2.0	4.8 *	59	NE	NE
Chrysene	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<5.0	ND<4.9	ND<5.0	ND<5.5	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.20	ND<0.20	ND<0.19	ND<0.21	ND<0.20	ND<5.1	ND<5.0	ND<5.0	ND<5.4	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.20	ND<0.20	ND<0.18	ND<0.20	ND<0.20	ND<5.0	ND<5.2	ND<5.1	ND<5.1	4.8 *	0.54 *	NE	NE
Fluoranthene	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.50	ND<0.50	ND<0.49	ND<0.50	ND<0.50	ND<5.0	ND<4.9	ND<5.0	ND<5.5	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.50	ND<0.50	ND<0.48	ND<0.53	ND<0.51	ND<5.1	ND<5.0	ND<5.0	ND<5.4	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.50	ND<0.50	ND<0.46	ND<0.51	ND<0.51	ND<5.0	ND<5.2	ND<5.1	ND<5.1	280	3,700	NE	NE
Fluorene	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.50	ND<0.50	ND<0.48	ND<0.50	ND<0.50	ND<5.0	ND<4.8	ND<5.0	ND<5.4	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.50	ND<0.50	ND<0.48	ND<0.52	ND<0.51	ND<5.1	ND<5.0	ND<5.0	ND<5.4	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.50	ND<0.50	ND<0.46	ND<0.51	ND<0.51	ND<5.0	ND<5.2	ND<5.1	ND<5.1	280	149,000	NE	NE
1-Methylnaphthalene	NS	NS	ND<0.065	ND<0.060	ND<5.0	ND<5.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.065	ND<0.060	ND<5.0	ND<5.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.065	ND<0.060	ND<5.0	ND<5.0	NS	NS	NS	NS	NS	NS	NS	5 *	61 *	20 *	320 *
2-Methylnaphthalene	ND<5.0	ND<5.0	ND<0.075	ND<0.069	ND<1.0	ND<1.0	ND<0.98	ND<1.0	ND<1.0	ND<5.0	ND<4.9	ND<5.0	ND<5.5	ND<5.0	ND<5.0	ND<0.075	ND<0.069	ND<1.0	ND<1.0	ND<0.95	ND<1.1	ND<1.0	ND<5.1	ND<5.0	ND<5.0	ND<5.4	ND<5.0	ND<5.0	ND<0.075	ND<0.069	ND<1.0	ND<1.0	ND<0.92	ND<1.0	ND<1.0	ND<5.0	ND<5.2	ND<5.1	ND<5.1	28 *	62 *	1,000 *	13,100 *
Naphthalene	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<1.0	ND<1.0	ND<0.98	ND<1.0	ND<1.0	ND<5.0	ND<4.9	ND<10	ND<5.5	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<1.0	ND<1.0	ND<0.95	ND<1.1	ND<1.0	ND<1.0	ND<5.0	ND<5.0	ND<5.4	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<1.0	ND<1.0	ND<0.92	ND<1.0	ND<1.0	ND<5.0	ND<5.2	ND<5.1	ND<5.1	280	210 *	NE	NE
Phenanthrene	**ND<5.0**	**ND<5.0**	0.054	ND<0.050	ND<0.050	ND<0.050	ND<0.049	ND<0.050	ND<0.050	ND<0.049	ND<0.048	ND<0.050	ND<0.050	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	**0.34**	ND<0.050	ND<0.048	ND<0.053	ND<0.051	ND<0.050	ND<0.050	ND<0.049	ND<0.048	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.046	ND<0.051	ND<0.051	ND<0.050	ND<0.050	ND<0.050	ND<0.049	200	0.3	NE	NE
Pyrene	ND<5.0	ND<5.0	0.051	ND<0.050	ND<1.0	ND<1.0	ND<0.98	ND<1.0	ND<1.0	ND<5.0	ND<4.9	ND<5.0	ND<5.5	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<1.0	ND<1.0	ND<0.95	ND<1.1	ND<1.0	ND<5.1	ND<5.0	ND<5.0	ND<5.4	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<1.0	ND<1.0	ND<0.92	ND<1.0	ND<1.0	ND<5.0	ND<5.2	ND<5.1	ND<5.1	200	110,000	NE	NE
ETPH via CTETPH (mg/L)																																									
CT ETPH	0.25	ND<0.075	ND<0.2	ND<0.2	0.19	ND<0.073	0.11	**0.35**	**0.25**	0.17	NS	NS	NS	0.20	ND<0.075	ND<0.2	ND<0.2	0.11	ND<0.075	ND<0.075	0.17	0.21	ND<0.15	NS	NS	NS	ND<0.075	ND<0.075	ND<0.2	ND<0.075	ND<0.075	ND<0.075	0.083	0.23	0.16	**0.31**	NS	NS	NS	0.25	0.25 *	0.25	0.25
Total Metals (mg/L)																																									
Antimony	ND<0.005	ND<0.005	ND<0.0060	ND<0.0060	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.005	ND<0.005	ND<0.0050	ND<0.0060	ND<0.0060	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.005	ND<0.005	ND<0.0060	ND<0.0060	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	0.006	NE **ALT SWPC** 0.699 (WSR	NE	NE
Arsenic	ND<0.002	ND<0.002	ND<0.0040	ND<0.0040	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.00080	ND<0.00080	ND<0.00080	0.0012	0.0017	ND<0.00080	ND<0.002	ND<0.0020	ND<0.0040	ND<0.0040	ND<0.0020	ND<0.0020	ND<0.0020	0.0023	ND<0.00080	0.0011	ND<0.00080	0.0014	0.0012	ND<0.002	ND<0.002	ND<0.0040	ND<0.0040	ND<0.0020	ND<0.0020	0.011	ND<0.0020	ND<0.00080	ND<0.00080	0.0018	0.00083	0.0013	0.05	0.004)	NE	NE
Barium	ND<0.25	0.140	0.0975	0.221	0.200	0.170	ND<0.050	0.053	0.064	0.180	0.180	0.220	0.094	ND<0.25	ND<0.12	0.131	0.0990	0.058	0.093	0.120	0.099	0.081	0.072	0.054	0.071	0.093	ND<0.25	ND<0.12	0.0864 A	0.0599	0.074	0.140	0.092	0.230	0.360	0.240	0.230	0.420	0.080	1	2.2 *	NE	NE
Beryllium	ND<0.002	ND<0.002	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.00040	ND<0.00040	ND<0.00040	0.00041	ND<0.00040	ND<0.002	ND<0.002	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.002	ND<0.002	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	0.004	0.004	NE	NE
Cadmium	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	0.00015	ND<0.00020	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	0.00017	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	0.005	0.00074	NE	NE
Chromium (total)	ND<0.05	ND<0.05	0.0082	0.0256	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	0.0025	0.013	0.0613	ND<0.05	ND<0.05	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.05	ND<0.05	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	0.05	0.11**	NE	NE
Copper	ND<0.025	ND<0.025	0.0351	0.0233	ND<0.025	ND<0.025	ND<0.025	ND<0.025	0.0097	0.0064	0.0042	0.014	0.0044	0.044	ND<0.025	0.0058	ND<0.0050	ND<0.025	ND<0.025	ND<0.025	ND<0.025	0.0068	0.0061	ND<0.0010	0.0023	0.0091	**0.051**	ND<0.025	ND<0.0100	ND<0.0050	ND<0.025	ND<0.025	ND<0.025	ND<0.025	0.0089	0.0054	0.0025	0.0045	0.0059	1.3	0.048	NE	NE
Lead	ND<0.005	ND<0.005	ND<0.0075	**0.0154**	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.00267	ND<0.00050	0.00054	0.0049	ND<0.00050	ND<0.005	ND<0.005	ND<0.0075	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.005	ND<0.005	ND<0.0075	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.015	0.518	NE	NE
Mercury	ND<0.00010	ND<0.00010	ND<0.000200	ND<0.000200	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND

TABLE 1 con't
Groundwater Analytical Results - Detected Analytes

Former CL&P Operations Center
Eversource Energy
176 Cumberland Avenue
Wethersfield, Connecticut

Well ID:	AP-4R													AP-6R														
Date Sampled:	11/5/2009	3/26/2010	8/12/2015	11/12/2015	3/1/2016	5/24/2016	5/31/2017	10/10/2018	7/30/2019	2/19/2020	6/23/2020	9/1/2020	11/12/2020	11/5/2009	3/26/2010	8/13/2015	11/11/2015	3/2/2016	5/24/2016	5/31/2017	10/11/2018	7/31/2019	2/18/2020	6/22/2020	8/31/2020	11/11/2020	GWPC	SWPC	Residential Volatilization Criteria	Industrial/Commercial Volatilization Criteria
VOCs via EPA 8260 (µg/L)																													
Acetone	ND<500	ND<50	ND<10.0	ND<10.0	ND<50	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<5.0	ND<5.0	ND<10.0	ND<10.0	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	700	10,000 *	50,000	50,000
Benzene	**16**	**11**	ND<1.0	ND<1.0	***ND<2.5***	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1	710	215	530
2-Butanone (MEK)	ND<20	ND<20	ND<10.0	ND<10.0	ND<25	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<2.0	ND<2.0	ND<10.0	ND<10.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	400	10,000 *	50,000	50,000
n-Butylbenzene	11	14	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	350 *	10,000 *	1,600 *	21,800 *
sec-Butylbenzene	5.4	ND<10	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	350 *	10,000 *	1,500 *	20,100 *
Carbon disulfide	ND<0.50	ND<500	ND<2.0	ND<2.0	ND<25	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.50	ND<50	ND<2.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	40 *	150 *	2,100 *	5,200 *
Carbon tetrachloride	ND<0.50	ND<20	ND<1.0	ND<1.0	ND<2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5	132	16	40
Chloroform	3.1	ND<5.0	ND<1.0	ND<1.0	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6	14,100	287	710
1,2-Dichloroethane	ND<0.50	ND<5.0	**9.0**	**5.8**	***ND<2.5***	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1	2,970	21	90
Di-isopropyl ether	NS	NS	8.3	6.0	ND<2.5	ND<0.50	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<1.0	ND<1.0	ND<0.50	ND<0.50	NS	NS	NS	NS	NS	NS	NS	NE	NE	NE	NE
Ethylbenzene	440	560	ND<1.0	ND<1.0	ND<2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	700	580,000	50,000	50,000
Isopropylbenzene	**50**	**82**	ND<1.0	ND<1.0	ND<2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	25 *	210 *	900 *	2,200 *
o-Isopropyltoluene	1.6	ND<5.0	ND<1.0	ND<1.0	ND<2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	25 *	200 *	870 *	2,100 *
Methyl tert-butyl ether (MTBE)	1.7	ND<5.0	19.5	21.6	ND<2.5	1.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.88	ND<0.50	ND<0.50	ND<0.50	1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	100	10,000 *	50,000	50,000
Naphthalene	150	120	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	280	210 *	NE	NE
n-Propylbenzene	**87**	**160**	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	50 *	10,000 *	1,200 *	2,900 *
Tetrahydrofuran	***ND<10***	***ND<100***	ND<2.0	ND<2.0	***ND<50***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	ND<2.0	ND<2.0	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	4 *	9,600 *	250 *	3,700
Toluene	4.3	ND<10	ND<1.0	ND<1.0	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1000	4,000,000	23,500	50,000
1,2,4-Trimethylbenzene	78	110	ND<1.0	ND<1.0	ND<2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140 *	150 *	940 *	12,800 *
1,3,5-Trimethylbenzene	8.8	24	ND<1.0	ND<1.0	ND<2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140 *	260 *	730 *	10,000 *
Total Xylenes	138.4	**282**	ND<2.0	ND<2.0	ND<10	ND<2	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	530	270 *	21,300	50,000
SVOCs via EPA 8270 (µg/L)																													
Acenaphthene	ND<5.0	ND<5.0	ND<0.300	ND<0.050	ND<0.30	ND<0.30	ND<0.30	ND<0.29	ND<0.31	ND<5.0	ND<5.0	ND<5.0	ND<5.1	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.33	ND<0.30	ND<5.1	ND<5.0	ND<5.2	420 *	150 *	30,500 *	50,000 *
Anthracene	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.20	ND<0.20	ND<0.20	ND<0.19	ND<0.20	ND<5.0	ND<5.0	ND<5.0	ND<5.1	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.20	ND<0.20	ND<0.20	ND<0.22	ND<0.20	ND<5.1	ND<5.1	ND<5.0	ND<5.2	2,000	1,100,000	NE	NE
Aniline	ND<5.0	ND<5.0	ND<7.25	ND<5.21	ND<5.0	ND<5.0	ND<5.0	ND<4.8	ND<5.1	ND<5.0	ND<5.0	ND<5.0	ND<5.1	ND<5.0	ND<5.0	ND<5.05	ND<5.15	ND<5.0	ND<5.0	ND<5.0	ND<5.6	ND<5.0	ND<5.1	ND<5.1	ND<5.0	ND<5.2	6.1 *	41 *	NE	NE
Benzo(a)anthracene	***ND<5.0***	***ND<5.0***	ND<0.050	ND<0.050	**0.23**	ND<0.050	ND<0.050	ND<0.048	ND<0.051	ND<0.050	ND<0.049	ND<0.048	ND<0.049	***ND<5.0***	***ND<5.0***	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.056	ND<0.050	ND<0.048	ND<0.048	ND<0.048	ND<0.048	0.06	0.3	NE	NE
Benzo(a)pyrene	***ND<5.0***	***ND<5.0***	ND<0.050	ND<0.050	**0.23**	ND<0.010	ND<0.099	ND<0.096	ND<0.10	ND<0.099	ND<0.099	ND<0.097	ND<0.099	***ND<5.0***	***ND<5.0***	ND<0.050	ND<0.050	ND<0.10	ND<0.10	ND<0.10	ND<0.11	ND<0.10	ND<0.096	ND<0.097	ND<0.097	ND<0.097	0.2	0.3	NE	NE
Benzo(b)fluoranthene	***ND<5.0***	***ND<5.0***	ND<0.050	ND<0.050	**0.32**	ND<0.050	ND<0.050	ND<0.048	ND<0.051	ND<0.050	ND<0.049	ND<0.048	ND<0.049	***ND<5.0***	***ND<5.0***	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.056	ND<0.050	ND<0.048	ND<0.048	ND<0.048	ND<0.048	0.08	0.3	NE	NE
Bis(2-Ethylhexyl)phthalate	***ND<10***	***ND<10***	***ND<7.25***	***ND<5.21***	ND<2.0	**2.1**	***ND<5.0***	***ND<9.6***	***ND<10***	ND<2.0	ND<2.0	ND<10	ND<2.0	***ND<10***	***ND<10***	***ND<5.05***	***ND<5.15***	ND<2.0	**2.2**	***ND<5.0***	***ND<2.2***	***ND<10***	ND<2.0	***ND<10***	ND<2.0	***ND<2.1***	2	59	NE	NE
Chrysene	ND<5.0	ND<5.0	ND<0.050	ND<0.050	0.24	ND<0.20	ND<0.20	ND<0.19	ND<0.20	ND<0.099	ND<0.099	ND<0.097	ND<0.099	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.20	ND<0.20	ND<0.20	ND<0.22	ND<0.20	ND<0.096	ND<0.097	ND<0.097	ND<0.097	4.8 *	0.54 *	NE	NE
Fluoranthene	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.50	ND<0.50	ND<0.50	ND<0.48	ND<0.51	ND<5.0	ND<5.0	ND<5.0	ND<5.1	ND<5.0	ND<5.0	ND<0.050	0.090	ND<0.50	ND<0.50	ND<0.50	ND<0.56	ND<0.50	ND<5.1	ND<5.1	ND<5.0	ND<5.2	280	3,700	NE	NE
Fluorene	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<1.0	ND<1.0	ND<0.99	ND<0.96	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.1	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<1.0	ND<1.0	ND<1.0	ND<1.1	ND<1.0	ND<5.1	ND<5.1	ND<5.0	ND<5.2	280	140,000	NE	NE
1-Methylnaphthalene	NS	NS	ND<0.065	ND<0.050	ND<5.0	ND<5.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.050	ND<0.050	ND<5.0	ND<5.0	NS	NS	NS	NS	NS	NS	NS	5 *	61 *	20 *	320 *
2-Methylnaphthalene	15	19	ND<0.075	ND<0.050	ND<1.0	ND<1.0	ND<0.99	ND<0.96	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.1	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<1.0	ND<1.0	ND<1.0	ND<1.1	ND<1.0	ND<5.1	ND<5.1	ND<5.0	ND<5.2	28 *	62 *	1,000 *	13,100 *
Naphthalene	50	77	ND<0.050	ND<0.050	ND<1.0	ND<1.0	ND<0.99	ND<0.96	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.1	ND<5.0	ND<5.0	0.074	ND<0.050	ND<1.0	ND<1.0	ND<1.0	ND<1.1	ND<1.0	ND<5.1	ND<5.1	ND<5.0	ND<5.2	280	210 *	NE	NE
Phenanthrene	***ND<5.0***	***ND<5.0***	ND<0.050	0.062	0.11	ND<0.050	ND<0.050	ND<0.048	ND<0.051	ND<0.050	ND<0.049	ND<0.048	ND<0.049	***ND<5.0***	***ND<5.0***	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.056	ND<0.050	ND<5.1	ND<5.1	ND<0.048	ND<0.048	200	0.3	NE	NE
Pyrene	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<1.0	ND<1.0	ND<0.99	ND<0.96	ND<1.0	ND<5.0	ND<5.0	ND<5.0	ND<5.1	ND<5.0	ND<5.0	ND<0.050	0.091	ND<1.0	ND<1.0	ND<1.0	ND<1.1	ND<1.0	ND<5.1	ND<5.1	ND<5.0	ND<5.2	200	110,000	NE	NE
ETPH via CTETPH (mg/L)																											GWPC	SWPC	Residential Volatilization Criteria	Industrial/Commercial Volatilization Criteria
CT ETPH	**1.7**	**1.2**	ND<0.08	NS<0.2	0.20	0.19	0.17	**0.27**	0.19	0.17	NS	NS	NS	ND<0.075	ND<0.075	ND<0.2	ND<0.2	ND<0.075	**0.31**	ND<0.075	0.16	0.17	ND<0.15	NS	NS	NS	0.25	0.25 *	0.25	0.25
Total Metals (mg/L)																											GWPC	SWPC	Residential Volatilization Criteria	Industrial/Commercial Volatilization Criteria
Antimony	ND<0.005	ND<0.005	ND<0.0060	ND<0.0060	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.005	ND<0.005	ND<0.0060	ND<0.0060	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	0.006	86	NE	NE
Arsenic	0.0072	0.015	ND<0.0040	ND<0.0040	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.00080	0.00099	ND<0.00080	0.00083	ND<0.00080	ND<0.002	ND<0.002	ND<0.0040	ND<0.0040	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	0.0014	0.0025	0.0019	0.0031	0.0021	0.05	**ALT SWPC** 0.699 (RSR 0.004)	NE	NE
Barium	0.8	0.96	0.182	0.129	0.068	0.110	0.063	0.095	0.077	0.052	0.057	0.076	0.063	ND<0.25	ND<0.12	0.132	0.137	0.180	0.190	0.240	0.220	0.180	0.170	0.170	0.190	0.120	1	2.2 *	NE	NE
Beryllium	ND<0.002	ND<0.002	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.002	ND<0.002	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	0.004	0.004	NE	NE
Cadmium	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	0.005	0.006	NE	NE
Chromium (total)	ND<0.05	ND<0.05	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.0012	0.0023	0.0018	0.0017	0.0029	ND<0.05	ND<0.05	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.0016	0.0011	0.0013	0.0059	0.0018	0.05	0.11**	NE	NE
Copper	ND<0.025	ND<0.025	ND<0.0100	ND<0.0100	ND<. 025	ND<. 025	ND<. 025	ND<0.025	0.0076	0.0026	0.0021	0.0026	0.0030	ND<0.025	ND<0.025	ND<0.0100	ND<0.0100	ND<0.025	ND<0.025	ND<0.025	ND<0.025	0.0067	0.0048	0.0026	0.010	0.0036	1.3	0.048	NE	NE
Lead	ND<0.005	ND<0.005	ND<0.0075	ND<0.0075	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.00058	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.005	ND<0.005	ND<0.0075	ND<0.0075	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.00050	ND<0.00050	0.0016	ND<0.00050	0.015	0.013	NE	NE
Mercury	ND<0.00010	ND<0.00010	ND<0.00020	ND<0.00020	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00020	ND<0.00020	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00020	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	0.002	0.0004	NE	NE
Nickel	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	0.0070	ND<0.0050	0.1	0.88	NE	NE
Selenium	ND<0.025	ND<0.025	ND<0.0150	ND<0.0150	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.025	ND<0.025	ND<0.0150	ND<0.0150	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.05	0.05	NE	NE
Silver	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.0025	ND<0.0025	ND<0.0050	ND<0.0050	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	0.036	0.012	NE	NE
Thallium	ND<0.001	ND<0.001	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.001	ND<0.001	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	0.005	0.063	NE	NE
Vanadium	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	0.0089	0.0050	0.05	0.27 *	NE	NE
Zinc	ND<0.1	ND<0.1	0.0193	0.0162	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.010	ND<0.010	ND<0.010	0.0064	ND<0.010	ND<0.1	ND<0.1	ND<0.0100	0.0148	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.010	ND<0.010	ND<0.010	0.015	ND<0.010	5	**ALT SWPC** 0.303 (RSR 0.123)	NE	NE
Petroleum Hydrocarbons via MAEPH (µg/L)																											GWPC	SWPC	Residential Volatilization Criteria	Industrial/Commercial Volatilization Criteria
C9-C18 Aliphatics	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<99	ND<99	ND<97	ND<99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<96	ND<97	ND<97	ND<97	700 *	770 *	100 *	155 *
C19-C36 Aliphatics	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<99	ND<99	ND<97	ND<99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<96	ND<97	ND<97	ND<97	1,000 *	530 *	NE	NE
C11-C22 Aromatics	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<99	ND<99	ND<97	ND<99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<96	ND<97	ND<97	ND<97	140 *	100 *	1,710 *	12,000 *
Acenaphthene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<2.0	ND<2.0	ND<2.0	ND<2.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<1.9	ND<1.9	ND<1.9	ND<1.9	420 *	150 *	NE	50,000 *
Anthracene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<2.0	ND<2.0	ND<1.9	ND<2.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<1.9	ND<1.9	ND<1.9	ND<1.9	2,000	1,100,000	NE	NE
Fluoranthene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<2.0	ND<2.0	ND<1.9	ND<2.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<1.9	ND<1.9	ND<1.9	ND<1.9	280	3,700	NE	NE
Fluorene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<2.0	ND<2.0	ND<1.9	ND<2.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<1.9	ND<1.9	ND<1.9	ND<1.9	280	140,000	NE	NE
2-Methylnaphthalene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<2.0	ND<2.0	ND<1.9	ND<2.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<1.9	ND<1.9	ND<1.9	ND<1.9	28 *	62 *	1,000 *	13,100 *
Naphthalene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<2.0	ND<2.0	ND<1.9	ND<2.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<1.9	ND<1.9	ND<1.9	ND<1.9	280	210 *	NE	NE
Pyrene	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<2.0	ND<2.0	ND<1.9	ND<2.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<1.9	ND<1.9	ND<1.9	ND<1.9	200	110,000	NE	NE

Notes:

Results presented in **Bold** and Yellow highlight indicates a detection above one or more applicable criteria
Results presented with Bold outline indicate a detection is above the RSR numeric criteria, but below the Calculated Alternative Surface Water Protection Criteria
Results presented in ***bold italic*** type face indicate that the laboratory detection limit is above one or more applicable criteria
ug/L = micrograms per liter
mg/L = milligrams per liter
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
ETPH = Extractable Total Petroleum Hydrocarbons
ND = Not detected
NS = Not sampled
NE = No standard established
EPA = Environmental Protection Agency
GWPC = Groundwater Protection Criteria
SWPC = Surface Water Protection Criteria
* = Additional Polluting Substance Criteria (APS) (CTDEEP revised 2/29/2016)
** = Since there is no default numeric criteria for total chromium, analytical results were compared to the more conservative hexavalent chromium standard.
A = Result value from the associated duplicate sample taken at the well during the sampling event (higher value presented of the sample vs. the duplicate)
B = Analyte also detected in the associated Blank during the sampling event
During multiple sampling events, wells AP-13 and AP-15 were dry and unable to be sampled.
All wells were damaged during 2014/2015 on-site construction activities for the CREC center. All replacement wells have suffix "R". AP-6R and AP-11R replaced on 9/30/2014: AP-13R replaced on 6/28/2015: all other wells replaced on 6/4-5/2015.
Wells AP-13R-BR and AP-15R-BR were installed on 8/17/2018.

APEX

TABLE 1 con't
Groundwater Analytical Results - Detected Analytes
Former CL&P Operations Center
Eversource Energy
176 Cumberland Avenue
Wethersfield, Connecticut

Well ID:	AP-9R													AP-11R													AP-12R															
Date Sampled:	11/5/2009	3/25/2010	8/12/2015	11/11/2015	3/2/2016	5/24/2016	5/30/2017	10/10/2018	7/30/2019	2/18/2020	6/23/2020	8/31/2020	11/11/2020	11/5/2009	3/26/2010	8/13/2015	11/12/2015	3/1/2016	5/24/2016	5/31/2017	10/11/2018	7/31/2019	2/18/2020	6/22/2020	8/31/2020	11/11/2020	11/4/2009	3/25/2010	8/13/2015	11/12/2015	3/1/2016	3/2/2016	5/24/2016	5/30/2017	10/10/2018	7/30&31/2019	2/18/2020	6/22/2020	8/31/2020 & 9/1/2020	11/11/2020	GWPC	SWPC	Residential Volatilization Criteria	Industrial/Commercial Volatilization Criteria
VOCs via EPA 8260 (µg/L)																																										
Acetone	ND<5.0	ND<5.0	ND<10.0	ND<10.0	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<5.0	ND<5.0	ND<10.0	ND<10.0	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	NS	NS	ND<50	ND<5.0	ND<10.0	ND<10.0	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	700	10,000 *	50,000	50,000
Benzene	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	0.94	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1	710	215	530
n-Butylbenzene (NBB)	ND<2.0	ND<2.0	ND<10.0	ND<10.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<2.0	ND<2.0	ND<10.0	ND<10.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NS	NS	3.6	ND<2.0	ND<10.0	ND<10.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	400	10,000 *	50,000	50,000
sec-Butylbenzene	ND<1.0	ND<1.0	0.092	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	NS	NS	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	350 *	10,000 *	1,600 *	21,800 *
tert-Butylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	NS	NS	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	350 *	10,000 *	1,500 *	20,100 *
Carbon Disulfide	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	1.2	ND<0.50	ND<2.0	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	40 *	700 *	2,100 *	5,200 *
Carbon Tetrachloride	ND<0.50	ND<2.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.4 A	ND<2.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	ND<0.50	ND<2.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5	132	98	69
Chloroform	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.63	1.7	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6	14,100	287	710
1,2-Dichloroethane	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1	2,970	21	90
Di-isopropyl ether	NS	NS	ND<1.0	ND<1.0	ND<0.50	ND<0.50	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<1.0	ND<1.0	ND<0.50	ND<0.50	NS	NS	NS	NS	NS	NS	NS	NS	ND<1.0	ND<1.0	ND<0.50	ND<0.50	NS	NS	NS	NS	NS	NS	NS	NS	NS	NE	NE	NE	NE
Ethylbenzene	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	700	580,000	50,000	50,000
Isopropylbenzene	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	25 *	210 *	900 *	2,290 *
p-Isopropyltoluene	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	25 *	200 *	830 *	2,100 *
Methyl tert-butyl ether (MTBE)	1.6	2.1	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	0.67	0.53	0.72	0.66	ND<0.50	0.51	NS	NS	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	100	10,000 *	50,000	50,000
Naphthalene	ND<2.0	ND<2.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	NS	NS	ND<5.0	ND<2.0	5.1	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	280 *	210 *	NE	NE
n-Propylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	NS	NS	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	90 *	10,000 *	1,295 *	2,895 *
Tetrahydrofuran	ND<10	ND<10	**69.4**	**83.2**	**24**	**55**	**14**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	ND<2.0	ND<2.0	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	NS	NS	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**ND<2.0**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	4 *	8,600 *	250 *	3,700
Toluene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	NS	NS	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1000	4,000,000	23,500	50,000
1,2,4-Trimethylbenzene	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140 *	150 *	940 *	12,800 *
1,3,5-Trimethylbenzene	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140 *	260 *	730 *	10,000 *
Total Xylenes	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	NS	NS	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	530	270 *	21,300	50,000
SVOCs via EPA 8270 (µg/L)																																										
Acenaphthene	ND<5.0	ND<5.0	ND<300	0.269	ND<0.30	ND<0.30	ND<0.27	ND<0.31	ND<0.31	ND<5.1	ND<5.2	ND<5.1	ND<5.2	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<0.30	ND<5.2	ND<5.0	NS	NS	ND<5.0	0.110	ND<0.30	NS	ND<0.30	ND<0.29	NS	ND<5.2	ND<5.2	ND<5.0	NE	420 *	192 *	NE	50,000 *
Anthracene	ND<5.0	ND<5.0	ND<300	ND<0.050	ND<0.30	ND<0.30	ND<0.26	ND<0.18	ND<0.20	ND<5.1	ND<5.2	ND<5.1	ND<5.2	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<5.2	ND<5.0	NS	NS	ND<5.0	ND<0.050	ND<0.20	NS	ND<0.20	ND<0.19	NS	ND<5.2	ND<5.2	ND<5.0	NE	2,006	1,105,000	NE	NE
Aniline	ND<5.0	ND<5.0	ND<5.10	ND<5.32	ND<5.0	ND<5.0	ND<4.5	ND<5.1	ND<5.1	ND<5.1	ND<5.2	ND<5.1	ND<5.2	ND<5.0	ND<5.0	ND<5.10	ND<5.21	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.6	ND<5.0	ND<5.2	ND<5.0	NS	NS	ND<5.0	NS	ND<8.33	ND<5.0	NS	ND<5.0	NH<4.8	NS	ND<5.2	ND<5.2	ND<5.0	NS	6.1 *	41 *	NE	NE
Benzo(a)anthracene	**ND<5.0**	ND<5.0	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.045	ND<0.051	ND<0.051	ND<0.049	ND<0.049	ND<0.050	ND<0.050	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.049	ND<0.052	NS	NS	**ND<5.0**	NS	ND<0.050	ND<0.050	**0.066**	**0.064**	ND<0.049	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	0.06 *	0.3	NE	NE
Benzo(a)pyrene	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.10	ND<0.10	ND<0.091	ND<0.10	ND<0.10	ND<0.098	ND<0.099	ND<0.10	ND<0.10	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.10	ND<0.10	ND<0.10	ND<0.11	ND<0.10	ND<0.098	ND<0.10	NS	NS	**ND<5.0**	NS	ND<0.099	ND<0.096	NS	ND<0.10	ND<0.097	ND<0.098	0.2	0.3	NE	NE
Benzo(b)fluoranthene	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.045	ND<0.051	ND<0.051	ND<0.049	ND<0.049	ND<0.050	ND<0.050	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.049	ND<0.052	NS	NS	**ND<5.0**	NS	ND<0.050	ND<0.050	NS	**0.110**	0.073	0.098	0.2	0.3	NE	NE
Bis(2-Ethylhexyl)phthalate	**ND<10**	**ND<10**	**ND<5.10**	**ND<5.32**	ND<2.2	**2.4**	**ND<5.1**	**ND<10**	**ND<10**	ND<2.0	**ND<2.1**	ND<2.0	**ND<2.1**	**ND<10**	**ND<10**	**ND<5.10**	**ND<5.27**	ND<2.0	**2.1**	**ND<5.0**	**ND<2.2**	**ND<10**	**ND<2.1**	**ND<10**	NS	NS	**ND<10**	NS	**ND<8.33**	ND<2.0	NS	**ND<5.0**	**ND<6.6**	NS	**ND<2.1**	**ND<10**	**ND<10**	NS	2	59	NE	NE
Chrysene	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.20	ND<0.20	ND<0.18	ND<0.20	ND<0.20	ND<0.098	ND<0.099	ND<0.1	ND<0.10	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.20	ND<0.098	ND<0.10	NS	NS	ND<5.0	NS	ND<0.050	ND<0.050	ND<0.20	NS	ND<0.10	ND<0.10	ND<0.098	4.8 *	0.54 *	NE	NE
Fluoranthene	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.50	ND<0.50	ND<0.40	ND<0.51	ND<0.51	ND<5.1	ND<5.2	ND<5.1	ND<5.2	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<0.50	ND<0.50	ND<0.50	ND<0.56	ND<0.50	ND<5.2	ND<5.0	NS	NS	ND<5.0	NS	ND<0.050	ND<0.050	ND<0.48	NS	ND<5.2	ND<5.2	ND<5.0	NS	280	3,700	NE	NE
Fluorene	ND<5.0	ND<5.0	ND<0.050	0.064	ND<1.0	ND<1.0	ND<0.91	ND<1.0	ND<1.0	ND<5.1	ND<5.2	ND<5.1	ND<5.2	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<1.0	ND<1.0	ND<1.0	ND<1.1	ND<1.0	ND<5.2	ND<5.0	NS	NS	ND<5.0	NS	ND<0.050	ND<1.0	NS	ND<0.99	ND<0.96	NS	ND<5.2	ND<5.2	ND<5.0	NS	280	140,000	NE	NE
1-Methylnaphthalene	NS	NS	ND<0.050	0.054	ND<0.3	ND<0.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.050	ND<0.050	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.050	ND<0.3	NS	NS	NS	NS	NS	NS	NS	NS	5 *	81 *	20 *	320 *
2-Methylnaphthalene	ND<5.0	ND<5.0	ND<0.075	0.063	ND<1.0	ND<1.0	ND<0.91	ND<1.0	ND<1.0	ND<5.1	ND<5.2	ND<5.1	ND<5.2	ND<5.0	ND<5.0	0.059	ND<0.050	ND<1.0	ND<1.0	ND<1.0	ND<1.1	ND<1.0	ND<5.2	ND<5.0	NS	NS	ND<5.0	NS	ND<0.050	ND<1.0	NS	ND<0.99	ND<0.96	NS	ND<5.2	ND<5.2	ND<5.0	NS	28 *	62 *	1,000 *	13,100 *
Naphthalene	ND<5.0	ND<5.0	0.092	ND<0.050	ND<1.0	ND<1.0	ND<0.91	ND<1.0	ND<1.0	ND<5.1	ND<5.2	ND<5.1	ND<5.2	ND<5.0	ND<5.0	0.079	ND<0.050	ND<1.0	ND<1.0	ND<1.0	ND<1.1	ND<1.0	ND<5.2	ND<5.0	NS	NS	ND<5.0	NS	ND<0.050	ND<1.0	NS	ND<0.99	ND<0.96	NS	ND<5.2	ND<5.2	ND<5.0	NS	280	210 *	NE	NE
Phenanthrene	**ND<5.0**	**ND<5.0**	0.055	0.071	ND<0.050	ND<0.050	ND<0.045	ND<0.051	ND<0.051	ND<0.049	ND<0.049	ND<0.050	ND<0.050	**ND<5.0**	**ND<5.0**	ND<0.050	ND<0.050	ND<0.050	ND<0.050	0.052	ND<0.056	ND<0.050	ND<0.049	ND<0.052	NS	NS	**ND<5.0**	NS	ND<0.050	ND<0.050	**1.5**	**0.82**	**0.59**	ND<0.050	200	0.3	NE	NE
Pyrene	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<1.0	ND<1.0	ND<0.91	ND<1.0	ND<1.0	ND<5.1	ND<5.2	ND<5.1	ND<5.2	ND<5.0	ND<5.0	ND<0.050	ND<0.050	ND<1.0	ND<1.0	ND<1.0	ND<1.1	ND<1.0	ND<5.2	ND<5.0	NS	NS	ND<5.0	NS	ND<0.050	ND<1.0	NS	ND<0.99	ND<0.96	NS	ND<5.2	ND<5.2	ND<5.0	NS	200	110,000	NE	NE
ETPH via CT-ETPH (mg/L)																																										
CT ETPH	0.15	ND<0.076	ND<0.2	ND<0.2	0.17	0.14	0.10	0.17	ND<0.15	0.19	NS	NS	NS	0.20 A	ND<0.075	ND<0.2	ND<0.2	ND<0.075	ND<0.075	0.13	0.17	ND<0.15	NS	NS	NS	NS	ND<0.075	NS	NS	0.26	0.18	ND<0.075	0.19	**0.29**	ND<0.15	NS	NS	NS	NS	0.25	0.25 *	0.25	0.25
Total Metals (mg/L)																																										
Antimony	ND<0.005	ND<0.005	ND<0.0060	ND<0.0060	ND<0.005	ND<0.005	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.005	ND<0.005	ND<0.0060	ND<0.0060	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	NS	NS	NS	ND<0.005	NS	NS	ND<0.005	ND<0.005	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	0.006	93 **ALT SWPC** 0.699 (RSR 0.123)	NE	NE
Arsenic	ND<0.002	ND<0.002	ND<0.0040	ND<0.0040	ND<0.002	ND<0.002	ND<0.0020	ND<0.0020	ND<0.0005	ND<0.0006	0.0012	ND<0.00060	ND<0.00060	ND<0.002	ND<0.002	ND<0.0040	ND<0.0040	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0005	0.0018	0.0017	NS	NS	ND<0.002	NS	NS	0.0038	0.0029	ND<0.0020	ND<0.0020	ND<0.00060	0.0010	0.0030	0.0011	**0.0046**	0.05	0.041	NE	NE
Barium	ND<0.25	0.19	0.0704	0.0662	0.076	ND<0.050	0.062	0.084	0.064	0.095	0.100	0.110	0.110	ND<0.25	0.13	0.0658	0.0646	0.140	0.140	0.149	0.160	0.150	0.150	0.110	NS	NS	ND<0.12	NS	NS	0.083	0.095	0.065	0.100	0.100	0.072	0.290	0.300	0.440	1	2.2 *	NE	NE
Beryllium	ND<0.002	ND<0.002	ND<0.0020	ND<0.0020	ND<0.002	ND<0.002	ND<0.0020	ND<0.0020	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.002	ND<0.002	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.00040	ND<0.00040	ND<0.00040	NS	NS	ND<0.002	NS	NS	ND<0.002	ND<0.002	ND<0.0020	ND<0.0020	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	0.004	0.004	NE	NE
Cadmium	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	NS	NS	ND<0.0025	NS	NS	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	0.00024	0.00027	0.00010	0.005	0.006	NE	NE
Chromium (total)	ND<0.05	ND<0.05	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	0.0011	0.0013	ND<0.0010	ND<0.05	ND<0.05	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	0.0012	NS	NS	ND<0.05	NS	NS	ND<0.05	ND<0.05	ND<0.0050	ND<0.0050	0.0015	ND<0.0010	0.011	0.0057	0.013	0.05	0.11 **	NE	NE
Copper	ND<0.025	ND<0.025	ND<0.0100	ND<0.0100	ND<0.025	ND<0.025	ND<0.025	ND<0.025	0.0079	0.0032	0.0018	0.0036	0.0029	ND<0.025	ND<0.025	ND<0.0100	ND<0.0100	ND<0.025	ND<0.025	ND<0.025	ND<0.025	0.0067	0.0046	0.0023	NS	NS	ND<0.025	NS	NS	ND<0.025	ND<0.025	ND<0.025	ND<0.025	0.011	0.0063	0.019	0.0088	0.030	1.3	0.048	NE	NE
Lead	ND<0.005	ND<0.005	ND<0.0075	ND<0.0075	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.00059	ND<0.00050	ND<0.00050	ND<0.005	ND<0.005	ND<0.0075	ND<0.0075	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.00050	ND<0.00050	ND<0.00050	NS	NS	ND<0.005	NS	NS	ND<0.005	ND<0.005	ND<0.0050	ND<0.0050	0.0016	ND<0.00050	0.0097	0.00062	**0.017**	0.015	0.013	NE	NE
Mercury	ND<0.00010	ND<0.00010	ND<0.00020	ND<0.00020	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00020	ND<0.00020	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	NS	NS	ND<0.00010	NS	NS	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	0.002	0.0004	NE	NE
Nickel	ND<0.005	ND<0.005	ND<0.0050	ND<0.0050	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.005	ND<0.005	ND<0.0050	ND<0.0050	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.0050	ND<0.0050	ND<0.0050	NS	NS	ND<0.005	NS	NS	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.0050	ND<0.0050	0.0059	0.0016	0.0011	0.1	0.88	NE	NE
Selenium	ND<0.025	ND<0.025	ND<0.0150	ND<0.0150	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.025	ND<0.025	ND<0.0150	ND<0.0150	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	NS	NS	ND<0.025	NS	NS	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.05	0.05	NE	NE

TABLE 1 con't
Groundwater Analytical Results - Detected Analytes

Former CL&P Operations Center
Eversource Energy
176 Cumberland Avenue
Wethersfield, Connecticut

Well ID:	AP-13R	AP-13R-BR						AP-15R			AP-15R-BR							AP-101R														
Date Sampled:	3/31/2010	10/11/2018	7/31/2019	2/19/2020	6/24/2020	9/1/2020	11/12/2020	11/4/2009	3/25-31-2010	3/2/2016	10/11/2018	7/31/2019	2/19/2020	6/24/2020	9/1/2020	11/12/2020	6/7/2013	8/13/2015	11/11/2015	3/1/2016	5/24/2016	5/30/2017	5/30/2017 (DUP)	10/10/2018	7/30/2019	2/18/2020	6/22/2020	8/31/2020	11/11/2020	GWPC	SWPC	Residential Volatilization Criteria	Industrial/Commercial Volatilization Criteria
VOCs via EPA 8260 (µg/L)																																
Acetone	ND<5.0	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	9.7	ND<5.0	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	7.5 B	ND<10.0	ND<10.0	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	700	10,000 *	50,000	50,000
Benzene	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	**1.4**	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1	710	215	530
2-Butanone (MEK)	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<2.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10.0	ND<10.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	400	10,000 *	50,000	50,000
n-Butylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	350 *	10,000 *	1,600 *	21,800 *
sec-Butylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	350 *	10,000 *	1,500 *	20,100 *
Carbon Disulfide	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	2.6	ND<50	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<2.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	40 *	155 *	2,100 *	5,200 *
Carbon Tetrachloride	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5	132	16	40
Chloroform	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.2	0.65	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6	14,100	287	710
1,2-Dichloroethane	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1	2,970	21	90
Diisopropyl ether	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.50	NS	NS	NS	NS	NS	NS	NA	NS	ND<1.0	ND<1.0	ND<0.50	ND<0.50	NS	NS	NS	NS	NS	NS	NS	NE	NE	NE	NE
Ethylbenzene	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	700	580,000	50,000	50,000
Isopropylbenzene	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	25 *	210 *	900 *	2,200 *
p-Isopropyltoluene	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	25 *	200 *	870 *	2,100 *
Methyl tert-butyl ether (MTBE)	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	0.67	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	100	10,000 *	50,000	55,000
Naphthalene	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	280	210 *	NE	NE
n-Propylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	50 *	10,000 *	1,200 *	2,900 *
Tetrahydrofuran	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	2.9	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	***ND<10***	4 *	9,600 *	250 *	3,700
Toluene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1000	4,000,000	23,500	50,000
1,2,4-Trimethylbenzene	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140 *	155 *	940 *	12,800 *
1,3,5-Trimethylbenzene	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140 *	260 *	730 *	10,000 *
Total Xylenes	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	530	270 *	21,300	50,000
SVOCs via EPA 8270 (µg/L)																																
Acenaphthene	NS	ND<0.33	ND<0.30	ND<5.1	ND<5.1	ND<5.0	ND<0.30	NS	ND<5.0	ND<0.30	ND<0.30	ND<0.30	ND<5.0	ND<5.1	ND<5.0	ND<0.30	0.44 A	0.292	0.178	ND<0.30	ND<0.30	ND<0.29	ND<0.28	ND<0.33	ND<0.30	ND<5.2	ND<5.1	ND<4.9	ND<5.5	420 *	155 *	30,500 *	50,000 *
Anthracene	NS	ND<0.22	ND<0.20	ND<5.1	ND<5.1	ND<5.0	ND<0.20	NS	ND<5.0	ND<0.20	ND<0.20	ND<0.20	ND<5.0	ND<5.1	ND<5.0	ND<0.20	ND<0.20	0.077	ND<0.050	ND<0.20	ND<0.20	ND<0.19	ND<0.18	ND<0.22	ND<0.20	ND<5.2	ND<5.1	ND<4.9	ND<5.5	2,000	1,100,000	NE	NE
Aniline	NS	ND<5.6	ND<5.0	ND<5.1	ND<5.1	ND<5.0	ND<5.2	NS	ND<5.0	ND<5.0	**6.8**	ND<5.1	ND<5.0	ND<5.1	ND<5.0	ND<5.2	ND<5.0	ND<5.10	ND<5.21	ND<5.0	ND<5.0	ND<4.8	ND<4.8	ND<5.4	ND<5.1	ND<5.2	ND<5.1	ND<4.9	ND<5.5	6.1 *	41 *	NE	NE
Benzo(a)anthracene	NS	ND<0.056	ND<0.050	ND<0.050	ND<0.048	ND<0.048	ND<0.050	NS	***ND<5.0***	ND<0.050	ND<0.050	ND<0.051	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.048	ND<0.046	ND<0.054	ND<0.051	ND<0.048	ND<0.050	ND<0.048	ND<0.049	0.06	0.3	NE	NE
Benzo(a)pyrene	NS	ND<0.11	ND<0.10	ND<0.097	ND<0.097	ND<0.097	ND<0.10	NS	***ND<5.0***	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.050	ND<0.050	ND<0.10	ND<0.10	ND<0.095	ND<0.092	ND<0.11	ND<0.10	ND<0.096	ND<0.10	ND<0.096	ND<0.099	0.2	0.3	NE	NE
Benzo(b)fluoranthene	NS	ND<0.22	ND<0.050	ND<0.050	ND<0.048	ND<0.048	ND<0.050	NS	***ND<5.0***	ND<0.050	ND<0.050	ND<0.051	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.048	ND<0.046	***ND<0.22***	ND<0.051	ND<0.048	ND<0.050	ND<0.048	ND<0.049	0.08	0.3	NE	NE
Bis(2-Ethylhexyl)phthalate	NS	***ND<2.2***	***ND<10***	***ND<2.1***	ND<2.0	ND<2.0	***ND<2.1***	NS	***ND<10***	ND<2.0	ND<2.0	ND<2.1	ND<2.0	ND<2.0	ND<2.0	***ND<2.1***	***ND<10***	***ND<9.19***	***ND<5.21***	ND<2.0	ND<2.0	***ND<9.5***	***ND<9.2***	***ND<11***	***ND<10***	***ND<2.1***	***ND<10***	***ND<9.8***	ND<2.2	2	59	NE	NE
Chrysene	NS	ND<0.22	ND<0.20	ND<0.10	ND<0.097	ND<0.097	ND<0.10	NS	ND<5.0	ND<0.20	ND<0.20	ND<0.20	ND<0.10	ND<0.10	ND<5.0	ND<0.10	ND<0.20	ND<0.050	ND<0.050	ND<0.20	ND<0.20	ND<0.19	ND<0.18	ND<0.22	ND<0.20	ND<0.096	ND<0.10	ND<0.96	ND<0.099	4.8 *	0.54 *	NE	NE
Fluoranthene	NS	ND<0.56	ND<0.50	ND<5.1	ND<5.1	ND<5.0	ND<0.50	NS	ND<5.0	ND<0.50	ND<0.50	ND<0.51	ND<5.0	ND<5.1	ND<5.0	ND<0.50	ND<0.50	0.144	0.080	ND<0.50	ND<0.50	ND<0.48	ND<0.46	ND<0.54	ND<0.51	ND<5.2	ND<5.1	ND<4.9	ND<5.5	280	3,700	NE	NE
Fluorene	NS	ND<1.1	ND<1.0	ND<5.1	ND<5.1	ND<5.0	ND<1.0	NS	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<5.1	ND<5.0	ND<1.0	ND<1.0	0.206	0.105	ND<1.0	ND<1.0	ND<0.95	ND<0.92	ND<1.1	ND<1.0	ND<5.2	ND<5.1	ND<4.9	ND<5.5	280	140,000	NE	NE
1-Methylnaphthalene	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<5.0	NS	NS	NS	NS	NS	NS	NS	0.172	0.079	ND<5.0	ND<5.0	NS	NS	NS	NS	NS	NS	NS	NS	5 *	61 *	20 *	320 *
2-Methylnaphthalene	NS	ND<1.1	ND<1.0	ND<5.1	ND<5.1	ND<5.0	ND<1.0	NS	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<5.1	ND<5.0	ND<1.0	ND<1.0	0.142	0.083	ND<1.0	ND<1.0	ND<0.95	ND<0.92	ND<1.1	ND<1.0	ND<5.2	ND<5.1	ND<4.9	ND<5.5	28 *	62 *	1,000 *	13,100 *
Naphthalene	NS	ND<1.1	ND<1.0	ND<5.1	ND<5.1	ND<5.0	ND<1.0	NS	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<5.1	ND<5.0	ND<1.0	ND<1.0	0.231	0.323	ND<1.0	ND<1.0	ND<0.95	ND<0.92	ND<1.1	ND<1.0	ND<5.2	ND<5.1	ND<4.9	ND<5.5	280	210 *	NE	NE
Phenanthrene	NS	ND<0.056	ND<0.050	ND<0.050	ND<0.048	ND<0.048	ND<0.050	NS	***ND<5.0***	0.18	ND<0.050	ND<0.051	ND<0.050	ND<0.050	ND<0.050	ND<0.050	0.27 A	**0.614**	0.222	0.13	ND<0.050	ND<0.048	ND<0.046	ND<0.054	ND<0.051	ND<0.048	ND<0.050	ND<0.048	ND<0.049	200	0.3	NE	NE
Pyrene	NS	ND<1.1	ND<1.0	ND<5.1	ND<5.1	ND<5.0	ND<1.0	NS	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<5.1	ND<5.0	ND<1.0	ND<1.0	0.097	0.057	ND<1.0	ND<1.0	ND<0.95	ND<0.92	ND<1.1	ND<1.0	ND<5.2	ND<5.1	ND<4.9	ND<5.5	200	110,000	NE	NE
ETPH via CTETPH (mg/L)																														GWPC	SWPC	Residential Volatilization Criteria	Industrial/Commercial Volatilization Criteria
CT ETPH	NS	0.19	0.17	ND<0.15	NS	NS	NS	NS	**0.29**	ND<0.075	0.15	0.16	0.23	NS	NS	NS	0.19	ND<0.2	ND<0.2	0.17	0.16	ND<0.095	0.11	**0.27**	0.19	ND<0.15	NS	NS	NS	0.25	0.25 *	0.25	0.25
Total Metals (mg/L)																														GWPC	SWPC	Residential Volatilization Criteria	Industrial/Commercial Volatilization Criteria
Antimony	NS	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	0.0033	ND<0.0010	NS	ND<0.005	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.005	ND<0.0060	ND<0.0060	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	0.006	86	NE	NE
Arsenic	NS	ND<0.0020	ND<0.00080	0.0016	0.0012	0.0019	0.0021	NS	ND<0.002	0.0038	0.0074	0.0029	0.0041	0.0034	0.0044	0.0037	ND<0.002	0.0052	ND<0.0060	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.00080	0.0014	0.0012	0.0013	0.0016	0.05	**ALT SWPC** 0.699 (RSR 0.004)	NE	NE
Barium	NS	0.220	0.160	0.180	0.200	0.190	0.180	NS	ND<0.12	0.078	0.170	0.210	0.120	0.210	0.180	0.200	ND<0.05	0.0409	0.0474	ND<0.050	ND<0.050	0.064	0.065	0.096	0.120	0.052	0.083	0.088	0.084	1	2.2 *	1.040	NE
Beryllium	NS	ND<0.0020	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	NS	ND<0.002	ND<0.0020	ND<0.0020	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.002	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.0020	ND<0.00040	ND<0.00040	ND<0.00040	ND<0.00040	0.004	0.004	NE	NE
Cadmium	NS	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	0.00044	ND<0.00020	NS	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	0.000080	ND<0.00020	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	0.000055	ND<0.00020	0.005	0.006	NE	NE
Chromium (total)	NS	ND<0.0050	0.0025	0.0024	0.0024	0.0029	0.0019	NS	ND<0.05	0.0075	0.011	0.0019	0.0037	0.0023	0.0024	0.0013	ND<0.005	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.0016	ND<0.0010	ND<0.0010	ND<0.0010	0.05	0.11**	NE	NE
Cooper	NS	ND<0.025	0.0073	0.0029	0.0031	0.0036	0.0034	NS	ND<0.025	ND<0.025	ND<0.025	0.0082	0.0048	0.0029	0.0035	0.0043	ND<0.025	ND<0.0100	ND<0.0100	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	0.011	0.0052	0.0037	0.0029	0.0071	1.3	0.048	NE	NE
Lead	NS	ND<0.0050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	NS	ND<0.005	ND<0.0050	ND<0.0050	0.00061	0.0015	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.005	ND<0.0075	ND<0.0075	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.00050	ND<0.00050	ND<0.00050	ND<0.00050	0.015	0.013	NE	NE
Mercury	NS	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	NS	ND<0.00010	ND<0.0002	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00020	ND<0.00020	ND<0.00018	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	ND<0.00010	0.002	0.0004	NE	NE
Nickel	NS	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	0.0071	ND<0.0050	NS	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.1	0.88	NE	NE
Selenium	NS	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	NS	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.025	ND<0.0150	ND<0.0150	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.05	0.05	NE	NE
Silver	NS	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	NS	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.0025	ND<0.0050	ND<0.0050	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	0.036	0.012	NE	NE
Thallium	NS	ND<0.0010	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	NS	ND<0.001	0.0012	ND<0.0010	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.001	ND<0.0050	ND<0.0050	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.0010	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	ND<0.00020	0.005	0.063	NE	NE
Vanadium	NS	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	0.0058	NS	NS	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.025	0.0254	0.0159	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	0.05	0.27 *	NE	NE
Zinc	NS	ND<0.050	ND<0.010	ND<0.010	ND<0.010	0.011	0.0036	NS	**0.74**	ND<0.050	0.210	0.160	**0.890**	0.200	0.020	0.120	ND<0.05	ND<0.0100	0.0075	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.010	ND<0.010	ND<0.010	0.0067	0.0035	5	**ALT SWPC** 0.303 (RSR 0.123)	NE	NE
Dissolved Metals (mg/L)																														GWPC	SWPC	Residential Volatilization Criteria	Industrial/Commercial Volatilization Criteria
Antimony	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.006	86	NE	NE
Arsenic	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.05	**ALT SWPC** 0.699 (RSR 0.004)	NE	NE
Barium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1	2.2 *	NE	NE
Beryllium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.004	0.004	NE	NE
Cadmium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.005	0.006	NE	NE
Chromium (total)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.05	0.11**	NE	NE
Cooper	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.3	0.048	NE	NE
Lead	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.015	0.013	NE	NE
Mercury	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.002	0.0004	NE	NE
Nickel	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.1	0.88	NE	NE
Selenium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.05	0.05	NE	NE
Silver	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.036	0.012	NE	NE
Thallium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.005	0.063	NE	NE
Vanadium	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.05	0.27 *	NE	NE
Zinc	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.140	0.018	**0.500**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5	**ALT SWPC** 0.303 (RSR 0.123)	NE	NE
Petroleum Hydrocarbons via MAEPH (µg/L)																														GWPC	SWPC	Residential Volatilization Criteria	Indust

APPENDIX A

WELL SAMPLING RECORDS

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD — Page 1 of 1
Well Number: AP-1R — Date: 2/18/20 — Depth to _____(top)/_____(bottom) of screen
Field Personnel: J. STANLEWICZ
Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): 12'
Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	2.64	–	–	–	–	–	–	–	–	–	DTB-13.60
1220	3.08	2.74			8.5	2694	6.59	233.4	4.08	12.16	
1225	3.21				8.6	2792	6.66	225.0	3.16	9.70	
1230	3.34				8.5	2794	6.68	224.5	3.12	8.65	
1235	3.47				8.4	2774	6.70	223.4	3.07	7.72	
1240	3.59				8.2	2730	6.72	222.9	3.09	7.38	
1245	3.63				8.0	2685	6.74	222.7	3.18	5.80	
1250	3.67				8.0	2661	6.76	224.1	3.25	5.24	
1255	3.71				8.1	2660	6.76	224.2	3.25	5.20	
1300	3.75				8.0	2654	6.76	224.5	3.27	4.82	
1305	3.80				8.0	2653	6.77	224.9	3.29	4.16	
1310	3.85	↓	0.032	1.75	7.9	2649	6.77	225.5	3.27	4.16	
1315											

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) (YES) NO — If no, why? _____

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD — Page 1 of 1
Well Number: AP-2R — Date: 2/19/20 — Depth to _____(top)/_____(bottom) of screen
Field Personnel: J. STANLEWICZ
Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): 10'
Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	0.54	–	–	–	–	–	–	–	–	–	DTB - 11.90
0745	0.87	2.47			4.4	573	7.49	212.8	7.83	17.54	
0750	1.20				4.6	506	7.18	217.2	6.46	25.20	
0755	1.56				4.3	497.0	7.20	216.9	6.35	22.70	
0800	1.93				4.4	491.7	7.19	215.3	6.38	17.00	
0805	2.30				4.4	489.0	7.19	214.2	6.46	15.76	
0810	2.50				4.3	484.8	7.19	212.6	6.61	15.48	
0815	2.70				4.3	481.2	7.19	211.0	6.72	14.50	
0820	2.90				4.6	479.4	7.19	202.1	6.86	13.54	
0825	3.10				4.9	479.2	7.19	197.6	6.89	14.50	
0830	3.30				4.9	478.1	7.19	195.3	6.77	13.77	
0835	3.51		↓	↓	5.3	477.0	7.19	191.4	6.45	13.63	
0840	3.95	↓	0.025	1.5	5.6	476.6	7.19	189.8	6.29	12.12	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) — If no, why? TURBIDITY

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD — Page 1 of 1
Well Number: AP-3R — Date: 2/19/20 — Depth to _____(top)/_____(bottom) of screen
Field Personnel: J. STANLEWICZ — Pump Intake at (ft. below MP): 10 9'
Identify Monitoring Point: TOC — Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	2.73	–	–	–	–	–	–	–	–	–	DTB – 11.16
1010	2.91	2.45			8.4	3522	6.36	135.0	1.76	41.03	
1015	2.97				8.7	3543	6.44	123.3	0.63	29.63	
1020	3.03				8.6	3546	6.44	124.1	0.58	31.03	COLLECTED MS/MSD
1025	3.09				8.6	3549	6.46	124.6	0.50	25.50	
1030	3.15				8.8	3547	6.47	125.1	0.44	25.87	
1035	3.21				8.7	3345	6.49	127.4	0.86	28.80	
1040	3.28				8.6	3079	6.48	123.4	1.33	26.23	
1045	3.32				8.4	2706	6.49	111.8	2.14	24.08	
1050	3.37				8.6	2530	6.48	103.7	2.41	22.80	
1055	3.41				8.6	2384	6.46	95.6	2.58	17.13	
1100	3.46		↓	↓	8.5	2374	6.45	89.7	2.56	12.94	
1105	3.50	↓	0.025	1.50	8.4	2928	6.45	86.1	2.49	13.22	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) — If no, why? TURBIDITY

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EE - Wethersfield — Page 1 of

Well Number: AP-4R — Date: 2/19/2020 — Depth to _____(top)/_____(bottom) of screen

Field Personnel: M. Lachy

Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): ~13.5'

Purging Device; (pump type): Alex.3

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	4.58	–	–	–	–	–	–	–	–	–	
12:00	4.90	–	–	–	9.8	708	7.73	90.8	10.30	15.5	12MS: 15.01
12:05	5.18	–	–	–	9.9	694	7.65	97.0	10.17	16.0	
12:10	5.45	–	–	–	10.3	681	7.62	100.2	10.09	11.2	
12:15	5.88	–	–	–	9.5	676	7.61	105.6	10.05	11.8	
12:20	6.08	–	–	–	9.6	676	7.61	106.7	10.01	12.2	
12:25	6.08	–	–	–	9.6	676	7.61	108.8	10.06	11.1	
12:30	6.22	–	–	–	9.6	678	7.61	109.8	10.09	9.7	
12:35	6.39	–	–	–	10.1	680	7.61	109.3	10.09	10.1	
12:40	6.62	–	–	–	10.0	682	7.61	109.9	10.09	8.5	
12:45	6.80	–	–	–	10.1	680	7.61	110.7	10.07	8.8	
12:50	6.93	–	–	~1gal	10.3	681	7.61	110.9	10.06	8.9	
↓					SAMPLED @ 12:55						

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) (YES) NO — If no, why? _____

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EE- Wethersfield — Page 1 of 1
Well Number: AP-6R — Date: 2/18/2020 — Depth to _____(top)/_____(bottom) of screen
Field Personnel: TOC
Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): ~17.5'
Purging Device; (pump type): Alexis

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	11.37	–	–	–	–	–	–	–	–	–	
8:05	11.43	—	—	—	16.9	1450	7.67	155.4	1.48	272.8	DTB = 19.42
8:10	11.47	—	—	—	17.1	1440	7.58	154.8	1.26	173.2	
8:15	11.53	—	—	—	17.3	1386	7.55	151.5	1.34	155.6	
8:20	11.55	—	—	—	17.4	1365	7.55	150.5	1.40	88.6	
8:25	11.56	—	—	—	17.5	1353	7.54	150.9	1.56	74.4	
8:30	11.57	—	—	—	17.5	1349	7.54	151.9	1.63	38.0	
8:35	11.57	—	—	—	17.5	1360	7.53	152.4	1.62	26.5	
8:40	11.58	—	—	—	17.5	1369	7.53	152.8	1.62	23.6	
8:45	11.58	—	—	—	17.5	1381	7.54	153.5	1.55	19.7	
8:50	11.59	—	—	—	17.5	1401	7.54	154.0	1.51	17.0	
8:55	11.59	—	—	—	17.5	1414	7.54	154.5	1.47	14.4	
9:00	11.59	—	—	—	17.6	1432	7.54	154.9	1.41	12.5	
9:05	11.59	—	—	~1 gal	17.6	1438	7.54	155.3	1.38	11.4	

SAMPLED @ 9:10

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) — If no, why? NTU's

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EP - Wethersfield — Page 1 of 1

Well Number: AP-9R — Date: 2/18/2020 — Depth to _____(top)/_____(bottom) of screen

Field Personnel: M. Ludny

Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): ~15'

Purging Device; (pump type): Alexis

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	6.67	–	–	–	–	–	–	–	–	–	DTB = 16.77
12:20	6.89	–	–	–	9.3	1260	7.40	148.3	5.65	25.2	
12:25	7.10	–	–	–	10.0	1249	7.18	151.3	4.86	24.6	
12:30	7.30	–	–	–	10.0	1248	7.12	151.7	4.78	24.9	
12:35	7.41	–	–	–	10.1	1247	7.10	153.8	4.74	20.0	
12:40	7.52	–	–	–	10.1	1251	7.10	155.3	4.81	19.8	
12:45	7.64	–	–	–	10.1	1255	7.09	158.0	4.92	18.2	
12:50	7.76	–	–	–	10.0	1261	7.09	161.0	5.01	17.1	
12:55	7.88	–	–	–	9.9	1264	7.09	163.5	5.06	13.1	
1:00	7.99	–	–	–	10.0	1266	7.09	165.9	5.17	11.6	
1:05	8.10	–	–	–	9.7	1267	7.09	167.5	5.26	10.1	
1:10	8.22	–	–	–	9.8	1269	7.09	168.4	5.31	9.6	
1:15	8.33	–	–	–	9.9	1272	7.09	168.9	5.34	8.3	
1:20	8.44	–	–	~1gal	10.0	1273	7.09	170.4	5.37	7.3	

SAMPLED @ 1:20

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) — If no, why? NTU

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EE- Wethersfield — Page 1 of 1

Well Number: AP-11R — Date: 2/18/2020 — Depth to _____(top)/_____(bottom) of screen

Field Personnel: M-Lacky

Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): ~16.5

Purging Device; (pump type): Alexis

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	14.16	–	–	–	–	–	–	–	–	–	DTB = 18.73
10:25	14.33	—	—	—	18.5	1878	7.37	171.4	2.03	3.5	
10:30	14.40	—	—	—	18.4	1865	7.35	170.1	1.38	3.6	
10:35	14.48	—	—	—	18.4	1853	7.34	169.4	0.93	4.1	
10:40	14.55	—	—	—	18.4	1850	7.33	169.2	0.88	4.4	
10:45	14.63	—	—	~~X2~~	18.4	1877	7.32	169.1	0.90	4.4	
					SAMPLED @ 10:50						

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) (YES) NO — If no, why? _____

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD Page 1 of 1

Well Number: AP-12R Date: 2/18/20 Depth to _____(top)/_____(bottom) of screen

Field Personnel: J. STANLEWICZ

Identify Monitoring Point: TOC Pump Intake at (ft. below MP): _____

Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	11.61	–	–	–	–	–	–	–	–	–	DTB - 14.46

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) If no, why? COLLECTED A GRAB SAMPLE BASED ON WELL HISTORICALLY GOING DRY WITH SLOW RECHARGE

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EE- Wethersfield — Page 1 of 1
Well Number: AP-13R-BR Date: 2/19/20 — Depth to _____(top)/_____(bottom) of screen
Field Personnel: M. Lucky
Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): ~ 22'
Purging Device; (pump type): Alex 3

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	12.56	–	–	–	–	–	–	–	–	–	DTB: 24.85
10:05	13.34	–	–	–	13.7	1849	7.80	84.2	7.84	3.9	
10:10	13.73	–	–	–	13.9	1864	7.64	92.8	7.19	3.8	
10:15	14.03	–	–	–	13.8	1865	7.61	96.1	7.15	3.5	
10:20	14.47	–	–	–	13.9	1866	7.58	100.3	7.06	3.1	
10:25	14.88	–	–	–	13.8	1868	7.57	103.1	7.04	3.7	
10:30	15.24	–	–	½ gal	14.0	1867	7.56	104.9	7.05	3.7	
					SAMPLED @ 10:35						

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) (YES) NO If no, why? _____

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EE - Wethersfield — Page 1 of 1
Well Number: AP 15R-BR Date: 2/14/2020 — Depth to _____(top)/_____(bottom) of screen
Field Personnel: M-Ludny
Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): ~ 22'
Purging Device; (pump type): Alex 3

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	7.25	–	–	–	–	–	–	–	–	–	
7:45	7.73	—	—	—	9.5	991	8.62	-73.5	2.61	94.0	12.73 = 24.94
7:50	8.20	—	—	—	9.4	944	8.89	-100.3	1.74	59.9	
7:55	8.65	—	—	—	9.6	766	9.34	-74.5	3.16	59.4	
8:00	8.98	—	—	—	9.7	597	9.77	-33.2	4.55	59.5	
8:05	9.33	—	—	—	9.8	539	9.80	-24.3	4.93	62.6	
8:10	9.69	—	—	—	9.8	528	9.80	-14.0	5.06	66.2	
8:15	10.08	—	—	—	9.9	536	9.84	-0.7	5.02	66.1	
8:20	10.46	—	—	—	10.4	518	9.86	11.1	5.02	60.2	
8:25	10.76	—	—	—	10.7	512	9.85	13.6	5.03	61.4	
8:30	11.10	—	—	—	11.0	507	9.86	17.4	5.07	59.4	
8:35	11.45	—	—	—	11.3	506	9.86	25.0	5.09	53.2	
8:40	11.71	—	—	—	11.3	504	9.86	28.7	5.07	55.9	
8:45	12.02	—	—	~1 gal	11.6	503	9.85	31.0	5.05	54.8	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

SAMPLED @ 8:50

Stabilized (circle) (YES) (NO)

If no, why? _____

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD

Well Number: AP-101R Date: 2/18/20

Depth to _____(top)/_____(bottom) of screen

Field Personnel: J. STANLEWICZ

Identify Monitoring Point: J. STANLEWICZ

Pump Intake at (ft. below MP): 15'

Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	4.33	–	–	–	–	–	–	–	–	–	DTB - 16.26
0945	4.70	2.47			8.4	473.8	7.50	199.5	8.57	20.18	
0950	4.95				8.3	466.5	7.52	200.0	8.52	19.66	
0955	5.20				8.1	457.5	7.50	201.4	8.46	18.70	
1000	5.46				8.0	457.2	7.50	200.6	8.41	16.40	
1005	5.73				8.2	457.6	7.50	197.3	8.36	18.62	
1010	5.89				8.0	456.2	7.50	190.5	8.33	16.19	
1015	6.05				8.1	457.1	7.50	184.8	8.29	15.43	
1020	6.21				8.1	458.3	7.50	178.2	8.25	14.38	
1025	6.37				7.3	455.5	7.49	171.9	8.26	14.54	
1030	6.53				8.0	459.0	7.49	170.2	8.19	11.91	
1035	6.69		↓	↓	8.3	459.1	7.50	168.8	8.14	11.48	
1040	6.84	↓	0.029	1.75	8.3	459.9	7.50	168.1	8.11	9.77	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) If no, why? TURBIDITY

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 2

Location (Site/Facility Name): EVERSOURCE- WETHERSFIELD — Depth to _____(top)/_____(bottom) of screen

Well Number: AP- 1R — Date: 6/23/20

Field Personnel: J. STANLEWICZ — Pump Intake at (ft. below MP): 11'

Identify Monitoring Point: TOC — Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	7.86	--	--	--	--	--	--	--	--	--	DTB- 13.70
0755	8.01	2.54			17.4	2240	6.57	68.2	1.98	18.45	
0800	8.13				17.0	2240	6.51	83.0	1.07	16.37	
0805	8.25				17.0	2230	6.50	92.9	0.91	10.82	
0810	8.38				17.2	2215	6.51	98.1	0.94	12.70	
0815	8.50				17.3	2185	6.53	102.0	1.17	13.38	
0820	8.63				17.3	2148	6.56	105.7	1.50	14.81	
0825	8.73				17.8	2109	6.63	107.0	1.59	17.73	
0830	8.84				17.9	2114	6.60	108.9	1.47	14.77	
0835	8.94				18.8	2117	6.59	110.0	1.36	16.22	
0840	9.05				17.8	2163	6.57	114.1	1.23	17.88	
0845	9.15				18.0	2171	6.56	115.8	1.07	18.70	
0850	9.26				18.2	2178	6.55	117.9	1.00	20.02	
0855	9.36	↓	↓	↓	18.4	2187	6.54	119.7	0.95	20.49	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES NO — If no, why?_____

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 2 of 2

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD — Depth to _____(top)/_____(bottom) of screen

Well Number: AP-1R Date: 6/23/20

Field Personnel: J. STANLEWICZ — Pump Intake at (ft. below MP): 11

Identify Monitoring Point: TOC — Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial		--	--	--	--	--	--	--	--	--	
0900	9.46				17.9	2209	6.52	122.8	0.89	21.00	
0905	9.56				17.6	2223	6.51	124.1	0.81	21.39	
0910	9.67				17.8	2233	6.50	123.9	0.75	22.23	
0915	9.79				18.0	2247	6.50	124.1	0.71	22.61	
0920	9.90				18.9	2271	6.49	125.2	0.89	24.11	
0925	9.99				18.0	2275	6.48	125.3	0.65	25.37	
0930	10.11				18.0	2281	6.48	125.2	0.65	26.80	
0935	10.21				18.1	2288	6.48	126.1	0.72	31.55	
0940	10.32				18.2	2294	6.48	127.0	0.81	37.22	
0945	10.43		↓	↓	18.2	2307	6.48	128.8	0.90	39.95	
0950	10.55	↓	0.018	2.25	18.3	2303	6.49	129.8	0.93	42.09	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) If no, why? DO, TURBIDITY WATER Cloudy

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EVERSOURCE – WETHERSFIELD — Page 1 of

Well Number: AP-2R — Date: 6/22/20 — Depth to _____(top)/_____(bottom) of screen

Field Personnel: J. STANLEWICZ

Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): 9'

Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	7.01	–	–	–	–	–	–	–	–	–	DTB – 12.00
1345	7.28	2.57	↓	↓	27.2	439.5	6.85	-217.3	0.56	9.91	
1350	7.38				28.2	438.0	6.84	-222.6	0.50	9.14	
1355	7.49				29.7	447.7	6.83	-247.3	0.41	10.02	
1400	7.59				28.6	452.0	6.83	-258.9	0.39	24.00	
1405	7.70				27.3	450.2	6.89	-252.2	0.41	15.10	
1410	7.80				26.7	452.0	6.84	-268.1	0.42	9.46	
1415	7.91				27.3	453.2	6.84	-262.8	0.41	13.08	
1420	8.01				27.5	451.7	6.85	-241.2	0.39	16.63	
1425	8.12				25.6	463.4	6.84	-253.5	0.38	17.10	
1430	8.26				21.8	449.9	6.86	-243.2	0.42	22.75	
1435	8.40				26.7	440.0	6.90	-176.1	1.82	8.11	
1440	8.52				26.6	466.5	6.89	-173.0	1.54	6.80	
1445	8.65	↓	↓	↓	26.3	500.0	6.89	-205.0	0.54	8.70	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) (YES) NO — If no, why? _____

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): _____ Page 2 of 2

Well Number: AP-2R Date: 6/22/20 Depth to _____(top)/_____(bottom) of screen

Field Personnel: J. STANLEWICZ

Identify Monitoring Point: TOC Pump Intake at (ft. below MP): _____

Purging Device; (pump type): _____

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial		–	–	–	–	–	–	–	–	–	
1450	8.77	↓	↓	↓	26.2	486.6	6.88	-212.7	0.40	8.25	
1455	8.90				25.4	473.6	6.86	-216.0	0.38	8.24	
1500	9.02				26.3	468.1	6.86	-210.0	0.37	8.90	
1505	9.15		0.021	1.75	26.3	463.3	6.86	-205.7	0.36	8.30	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) (YES) NO If no, why? _____

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EVERSOURCE – WETHERSFIELD
Depth to _____(top)/_____(bottom) of screen
Well Number: AP-3R Date: 6/23/20
Field Personnel: J. STANLEWICZ
Pump Intake at (ft. below MP): 9'
Identify Monitoring Point: TOC
Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	5.51	–	–	–	–	–	–	–	–	–	DTB - 11.20
1105	5.73	2.54			18.0	3006	6.67	14.5	1.17	11.36	
1110	5.82				18.0	2995	6.65	13.6	0.78	11.32	COLLECTED MS/MSD
1115	5.92				17.9	2982	6.65	13.1	0.69	20.54	
1120	6.01				18.0	2962	6.65	12.0	0.72	9.51	
1125	6.11				18.1	2961	6.64	13.3	0.70	5.47	
1130	6.20				18.4	2960	6.65	13.7	0.66	4.57	
1135	6.30				18.1	2960	6.64	15.1	0.64	4.13	
1140	6.45		↓	↓	18.2	2965	6.64	15.5	0.63	4.90	
1145	6.60	↓	0.018	0.80	18.0	2967	6.64	14.8	0.62	4.44	
1150											

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) (YES) NO If no, why?_____

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EE- Wethersfield — Page 1 of 1

Well Number: AP-4R — Date: 6/23/2020 — Depth to _____(top)/_____(bottom) of screen

Field Personnel: M. Ludny

Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): ~ 11'

Purging Device; (pump type): Alexis

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	9.92	–	–	–	–	–	–	–	–	–	DTB: 15.07
11:05	10.04	–	–	–	21.3	842	7.16	152.0	4.99	7.9	
11:10	10.13	–	–	–	20.6	826	7.03	149.6	4.24	6.0	
11:15	10.24	–	–	–	20.5	822	7.03	147.5	4.14	5.7	
11:20	10.36	–	–	–	19.9	820	7.01	147.6	3.97	4.7	
11:25	10.45	–	–	–	20.0	819	7.01	147.3	3.82	4.1	
11:30	10.51	–	–	–	20.3	818	7.01	146.3	3.53	4.2	
11:35	10.61	–	–	–	20.2	818	7.00	145.1	3.22	4.2	
11:40	10.70	–	–	–	20.1	816	7.01	144.2	3.14	4.2	
11:45	10.80	–	–	–	20.3	815	6.99	144.0	2.97	4.4	
11:50	10.90	–	–	–	20.4	816	7.02	143.8	2.91	4.3	
11:55	11.01	–	–	–	20.4	817	7.01	142.5	2.86	4.3	
12:00	11.11	–	–	–	21.3	818	7.03	142.2	2.81	4.8	
12:05	11.22	–	–	1 gal	21.2	818	7.01	142.2	2.79	4.9	

SAMPLED @ 12:10

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES / NO — If no, why? Apex replaced tubing

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EE- Wethersfield — Page 1 of 2
Well Number: AP. 6R — Date: 6/22/2020 — Depth to _____(top)/_____(bottom) of screen
Field Personnel: M. Ludny
Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): ~ 17'
Purging Device; (pump type): Alexis

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	15.30	–	–	–	–	–	–	–	–	–	DTB = 19.94
9:25	15.26	–	–	–	18.6	1585	7.56	146.0	3.44	199.7	
9:30	15.32	–	–	–	18.3	1519	7.30	137.6	2.79	129.6	
9:35	15.37	–	–	–	18.0	1557	7.30	140.2	2.68	103.3	
9:40	15.39	–	–	–	18.0	1624	7.29	145.4	2.55	92.2	
9:45	15.39	–	–	–	18.0	1715	7.30	149.8	2.43	99.9	
9:50	15.39	–	–	–	18.0	1732	7.32	152.3	2.38	85.2	
9:55	15.40	–	–	–	18.0	1765	7.32	154.9	2.33	72.4	
10:00	15.40	–	–	–	18.0	1798	7.33	157.6	2.27	61.0	
10:05	15.40	–	–	–	18.0	1815	7.33	159.6	2.23	61.3	
10:10	15.40	–	–	–	18.0	1822	7.34	161.7	2.22	51.9	
10:15	15.40	–	–	–	18.0	1829	7.34	163.0	2.20	45.2	
10:20	15.40	–	–	–	18.0	1830	7.34	164.6	2.17	40.7	
10:25	15.40	–	–	–	18.0	1829	7.34	166.1	2.15	35.5	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) (YES) NO — If no, why? Apex replaced tubing

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EE- Wethersfield — Page 2 of 2

Well Number: AP-6R — Date: 6/22/2020 — Depth to _____(top)/_____(bottom) of screen

Field Personnel: M. Lachy

Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): -17'

Purging Device; (pump type): Alexis

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	15.20	–	–	–	–	–	–	–	–	–	
10:30	15.40	–	–	–	18.0	1828	7.34	167.7	2.12	34.3	
10:35	15.40	–	–	–	18.0	1828	7.35	168.7	2.12	31.7	
10:40	15.40	–	–	–	18.0	1827	7.35	169.8	2.11	26.1	
10:45	15.40	–	–	–	18.0	1808	7.35	170.5	2.09	25.5	
10:50	15.40	–	–	–	18.0	1808	7.35	171.7	2.09	25.2	
10:55	15.40	–	–	–	18.9	1819	7.35	172.7	2.09	18.8	
11:00	15.40	–	–	–	18.0	1822	7.36	173.7	2.06	17.5	
11:05	15.40	–	–	–	18.0	1820	7.35	174.7	2.05	17.7	
11:10	15.40	–	–	–	18.0	1806	7.36	175.0	2.03	15.0	
11:15	15.40	–	–	–	17.9	1820	7.35	175.9	2.02	16.5	
11:20	15.40	–	–	–	17.9	1824	7.36	176.4	2.03	13.8	
11:25	15.40	–	–	–	17.9	1818	7.36	177.2	2.01	13.5	
11:30	15.40	–	–	1.5	17.9	1821	7.34	178.0	1.99	13.0	

SAMPLED @ 11:35

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES NO — If no, why? _____

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EE - Wethersfield — Page 1 of 1

Well Number: AP-9R — Date: 6/23/2020 — Depth to _____(top)/_____(bottom) of screen

Field Personnel: M. Luchy

Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): ~13'

Purging Device; (pump type): Alexis

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	10.31	–	–	–	–	–	–	–	–	–	
7:55	10.50	–	–	–	17.4	1469	6.72	126.0	1.68	22.4	DTB - 16.84
8:00	10.55	–	–	–	17.3	1457	6.68	124.1	1.40	28.8	
8:05	10.64	–	–	–	17.3	1407	6.69	123.5	1.25	25.9	
8:10	10.74	–	–	–	17.5	1379	6.70	124.7	1.36	15.4	
8:15	10.81	–	–	–	17.5	1369	6.71	125.4	1.41	12.3	
8:20	10.91	–	–	–	17.5	1368	6.72	125.8	1.25	6.4	
8:25	11.00	–	–	–	17.4	1379	6.73	125.8	1.03	7.5	
8:30	11.10	–	–	–	17.2	1389	6.73	125.7	0.81	4.5	
8:35	11.18	–	–	–	17.3	1404	6.73	125.5	0.72	4.8	
8:40	11.27	–	–	–	17.2	1405	6.72	124.6	0.65	4.3	
8:45	11.35	–	–	–	17.5	1432	6.71	123.8	0.63	4.2	
8:50	11.43	–	–	–	17.5	1443	6.72	122.5	0.60	4.9	
8:55	11.50	–	–	3/4 gal	18.0	1454	6.72	118.8	0.60	4.9	

SAMPLED @ 9:00

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) (YES) NO — If no, why? Anev replaced tubing

DUP20200623

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EE - Wethersfield — Page 1 of 1

Well Number: AP-11R — Date: 6/22/20 — Depth to _____(top)/_____(bottom) of screen

Field Personnel: M. Ludny

Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): ~17.5'

Purging Device; (pump type): Alex 3

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	16.48	–	–	–	–	–	–	–	–	–	
12:35	16.59	—	—	—	20.7	1898	7.43	179.1	3.34	12.4	DTB=18.82
12:40	16.62	—	—	—	19.4	1900	7.21	181.0	2.03	7.2	
12:45	16.69	—	—	—	19.1	1835	7.20	181.5	1.31	5.2	
12:50	16.76	—	—	—	19.1	1819	7.21	182.4	1.23	4.5	
12:55	16.80	—	—	—	19.2	1749	7.21	183.4	1.23	4.3	
1:00	16.85	—	—	—	19.2	1721	7.20	184.7	1.21	3.9	
1:05	16.90	—	—	—	19.1	1690	7.20	185.8	1.19	3.9	
1:10	16.94	—	—	—	19.1	1646	7.20	186.9	1.12	3.6	
1:15	16.99	—	—	—	19.0	1654	7.20	187.9	1.06	3.5	
1:20	17.03	—	—	Y2gal	19.0	1664	7.20	188.8	1.04	3.0	
←						SAMPLED @ 1:25					→

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES NO — If no, why? Apex replaced tubing

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): AE- WETHERSFIELD — Page 1 of 1

Well Number: AP-12R — Date: 6/22/20 — Depth to _____(top)/_____(bottom) of screen

Field Personnel: J. STANLEWICZ

Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): 14.30

Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	13.21	--	--	--	--	--	--	--	--	--	DTB - 14.50

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) — If no, why? COLLECTED GRAB Sample - COLLECTED 2 PLASTCS, VOA'S + 2 AMBERS 6/22

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD — Page 1 of 1

Well Number: AP-13R BR — Date: 6/24/20 — Depth to _____(top)/_____(bottom) of screen

Field Personnel: J. STANLEWICK

Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): 21'

Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	12.92	--	--	--	--	--	--	--	--	--	DTB - 29.85
0805	13.65	2.50			18.9	3271	7.39	119.6	7.51	2.72	
0810	14.05				18.7	3264	7.37	129.7	7.29	3.40	
0815	14.45				18.4	3261	7.36	136.5	7.20	4.45	
0820	14.86				18.3	3257	7.39	140.7	7.10	6.21	
0825	15.26				18.4	3257	7.39	142.2	7.05	4.95	
0830	15.67		↓	↓	18.4	3258	7.38	142.2	7.02	4.16	
0835	16.08	↓	0.021	0.75	18.5	3258	7.38	142.5	7.01	4.64	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) (YES) NO — If no, why? _____

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 2

Location (Site/Facility Name): EVERSOURCE – WETHERSFIELD
Depth to _____(top)/_____(bottom) of screen
Well Number: AP-15R BR Date: 6/24/20
Field Personnel: J. STANLEWICZ
Pump Intake at (ft. below MP): 20'
Identify Monitoring Point: TOC
Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	8.25	--	--	--	--	--	--	--	--	--	DTB - 25.00
1005	9.15	2.48			17.9	778	8.18	108.6	2.82	35.95	
1010	9.53				18.1	788	8.15	103.9	2.27	25.70	
1015	9.91				18.4	793	8.15	97.7	2.15	18.90	
1020	10.29				18.3	795	8.14	93.6	2.11	15.61	
1025	10.67				18.9	790	8.09	88.3	2.15	15.13	
1030	11.05				18.8	795	8.06	88.8	2.13	14.52	
1035	11.43				18.6	798	8.04	89.3	2.21	14.02	
1040	11.81				18.4	799	8.01	91.1	2.18	12.63	
1045	12.19				18.2	801	7.98	92.4	2.18	12.37	
1050	12.57				18.4	799	7.97	91.3	2.14	11.80	
1055	12.96				18.2	805	7.94	93.5	2.14	11.70	
1100	13.16				16.6	795	7.89	107.4	2.25	23.60	
1105	13.36	↓	↓	↓	17.0	795	7.86	107.3	2.12	13.91	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) If no, why?_____

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 2 of 2

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD Depth to _____(top)/_____(bottom) of screen

Well Number: AP-15R BR Date: 6/29/20

Field Personnel: J. STANLEWICZ Pump Intake at (ft. below MP): _____

Identify Monitoring Point: TOC Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial		--	--	--	--	--	--	--	--	--	
1110	13.56				17.8	800	7.84	105.6	2.10	20.30	
1115	13.76				17.5	806	7.84	104.9	2.11	20.16	
1120	13.96				17.8	810	7.82	103.9	2.11	18.70	
1125	14.16				18.0	817	7.79	104.3	2.05	19.08	
1130	14.36				17.0	823	7.77	107.2	2.07	16.90	
1135	14.56				17.2	827	7.76	109.1	2.03	16.80	
1140	14.76				17.2	833	7.73	110.4	2.03	14.88	
1145	14.96				17.2	841	7.72	110.8	2.03	17.52	
1150	15.16				17.3	846	7.71	111.4	2.04	17.13	
1155	15.36		↓	↓	17.3	855	7.70	111.3	1.99	20.50	
1200	15.54	↓	0.0187	2.25	17.5	856	7.70	110.8	1.97	19.19	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) If no, why? TURBIDITY

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD — Page 1 of 2

Well Number: AP-101R — Date: 6/22/20 — Depth to _____(top)/_____(bottom) of screen

Field Personnel: J. STANLEWICZ

Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): 14'

Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	7.64	--	--	--	--	--	--	--	--	--	DTB - 16.32
1035	7.85	2.89			23.2	753	7.27	110.3	1.23	88.73	
1040	8.02				23.3	751	7.25	111.1	0.84	29.42	
1045	8.19				21.6	742	7.26	106.1	0.76	18.06	
1050	8.36				22.3	731	7.26	108.5	0.74	18.66	
1055	8.53				22.7	717	7.26	108.7	0.77	17.26	
1100	8.70				23.0	625	7.20	121.0	1.10	21.30	
1105	8.78				23.1	600	7.19	124.1	1.22	23.26	
1110	8.86				23.0	591	7.18	127.5	1.26	26.00	
1115	8.95				23.0	586	7.19	129.2	1.27	31.91	
1120	9.02				23.6	587	7.20	130.6	1.24	32.85	
1125	9.10				25.7	587	7.22	130.8	1.18	43.16	
1130	9.17				25.6	587	7.22	129.9	1.16	45.78	
1135	9.25	↓	↓	↓	26.2	586	7.26	130.2	1.11	51.30	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES NO — If no, why? _____

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD — Page 2 of 2
Well Number: AP-101R — Date: 6/22/20 — Depth to _____(top)/_____(bottom) of screen
Field Personnel: J. STANLEWICZ
Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): _____
Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial		--	--	--	--	--	--	--	--	--	
1140	9.32				25.8	586	7.30	127.3	1.05	59.50	
1145	9.40				24.6	580	7.32	124.0	1.08	61.44	
1150	9.47				24.3	577	7.33	120.5	1.03	73.25	
1155	9.59				24.8	576	7.33	119.9	0.98	74.60	
1200	9.70				24.3	579	7.31	119.0	0.98	90.96	SAMPLES LOOKED
1205	9.81				23.8	573	7.32	117.0	0.98	110.89	PRETTY CLEAR
1210	9.91				21.8	576	7.32	115.9	0.74	36.00	
1215	10.02				20.2	578	7.33	114.6	0.70	21.50	
1220	10.12				20.7	580	7.32	117.9	0.61	23.52	
1225	10.23		↓	↓	20.5	584	7.32	117.3	0.62	25.39	
1230	10.35	↓	0.021	2.50	23.1	583	7.31	110.9	0.55	34.42	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) — If no, why? DO + TURBIDITY

C:\Users\skuzel\OneDrive - Apex Companies, LLC\DT_Desktop\Stephanie\Field\Low Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD Depth to _____(top)/_____(bottom) of screen

Well Number: AP-1R Date: 9/1/20

Field Personnel: J. STANLEWICZ Pump Intake at (ft. below MP): 12'

Identify Monitoring Point: TOC Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	11.00	--	--	--	--	--	--	--	--	--	DTB - 43.39
0950	12.00	1/4	—	—	20.14	1766	6.54	129.8	3.58	50.8	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) If no, why? WELL GOING DRY - SAMPLED

C:\Users\mladny\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\5GZ2E0SW\Low Flow Form (003)

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EVERSOURCE- WETHERSFIELD — Depth to _____(top)/_____(bottom) of screen

Well Number: AP-2R Date: 9/1/20

Field Personnel: J. STANLEWICZ — Pump Intake at (ft. below MP): 10'

Identify Monitoring Point: TOC — Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	8.31	--	--	--	--	--	--	--	--	--	DTB- 11.68
0755	8.68	1/4			18.83	514	7.24	-65.5	0.92	15.6	
0800	8.79				18.92	463	6.95	-57.8	0.69	7.6	
0805	8.90				19.10	447	6.79	-55.6	0.39	1.8	
0810	9.07				19.21	453	6.78	-54.2	0.33	3.8	
0815	9.24				19.17	452	6.77	-51.7	0.26	0.9	
0820	9.38				18.83	449	6.74	-49.4	0.22	0.0	
0825	9.52				18.73	451	6.74	-45.1	0.14	0.0	
0830	9.66				19.17	465	6.78	-40.0	0.14	0.0	
0835	9.80		↓	↓	19.36	467	6.80	-39.2	0.15	0.0	
0840	9.93	↓	0.028	1.40	19.35	469	6.79	-37.1	0.14	0.0	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) (YES) NO If no, why? _____

C:\Users\mladny\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\5GZ2E0SW\Low Flow Form (003)

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD — Depth to _____(top)/_____(bottom) of screen

Well Number: AP-3R Date: 8/31/20

Field Personnel: J. STANLEWICZ — Pump Intake at (ft. below MP): 9'

Identify Monitoring Point: TOC — Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	7.60	--	--	--	--	--	--	--	--	--	DTB - 10.91
1210	7.98	1/4			20.09	2845	6.64	96.5	1.85	2.5	
1215	8.15				20.01	2813	6.55	148.9	1.47	0.0	
1220	8.33				19.92	2806	6.53	186.7	1.36	0.0	
1225	8.50				19.70	2793	6.53	203.2	0.89	0.0	
1230	8.67				19.59	2785	6.54	220.0	0.85	0.0	
1235	8.84				19.42	2780	6.55	232.4	0.88	0.0	
1240	9.00		↓	↓	19.30	2777	6.56	235.8	0.89	0.0	
1245	9.12	↓		1.10	19.19	2777	6.57	229.7	0.88	0.0	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) (YES) NO If no, why?_____

C:\Users\mladny\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\5GZ2E0SW\Low Flow Form (003)

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EE - Wethersfield
Depth to _____(top)/_____(bottom) of screen
Well Number: AP-4R Date: 9/1/2020
Field Personnel: M. Ladny
Pump Intake at (ft. below MP): 13.5'
Identify Monitoring Point: TOC
Purging Device; (pump type): Geopump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	11.69	--	--	--	--	--	--	--	--	--	DTB 15.06
7:55	12.11	—	—	~~1.5~~	16.56	774	7.32	151.7	2.02	0.0	
8:00	12.22	—	—	—	16.71	745	7.20	184.4	4.09	0.0	
8:05	12.36	—	—	—	16.80	748	7.16	214.8	4.80	0.0	
8:10	12.49	—	—	—	16.83	745	7.15	233.9	4.74	0.0	
8:15	12.62	—	—	—	16.87	741	7.12	244.4	4.16	0.0	
8:20	12.73	—	—	—	16.88	739	7.11	249.9	4.23	0.0	
8:25	12.82	—	—	—	16.89	735	7.10	254.9	4.00	0.0	
8:30	12.94	—	—	—	16.92	730	7.09	260.9	3.72	0.0	
8:35	13.06	—	—	—	16.95	729	7.07	266.0	3.62	0.0	
8:40	13.19	—	—	—	16.96	730	7.06	269.7	3.36	0.0	
8:45	13.31	—	—	—	16.97	737	7.04	271.3	2.47	0.0	
8:50	13.46	—	—	—	16.95	742	7.03	273.4	2.15	0.0	lowered tubing 14'
8:55	13.57	—	—	1.5gal	17.00	747	7.02	275.6	1.66	0.0	

SAMPLED @ 9:00

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES NO If no, why? DO

C:\Users\mladny\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\5GZ2E0SW\Low Flow Form (003)

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of

Location (Site/Facility Name): EE- Wethersfield
Depth to _____(top)/_____(bottom) of screen
Well Number: AP-9R Date: 8/31/20
Field Personnel: M. Ludny
Pump Intake at (ft. below MP): 15'
Identify Monitoring Point: TOC
Purging Device; (pump type): Geopump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	13.78	--	--	--	--	--	--	--	--	--	DTB = 16.80
11:20	14.10	—	—	—	17.99	1397	7.37	257.2	8.02	35.5	
11:25	14.16	—	—	—	16.97	1375	6.79	291.2	5.67	23.4	
11:30	14.21	—	—	—	16.98	1375	6.78	294.7	5.64	18.4	
11:35	14.35	—	—	—	17.02	1376	6.75	303.1	5.63	12.4	
11:40	14.44	—	—	—	17.06	1378	6.74	311.3	5.60	10.5	
11:45	14.54	—	—	—	17.06	1380	6.73	317.4	5.59	5.8	
11:50	14.65	—	—	—	17.04	1380	6.72	324.1	5.57	3.0	
11:55	14.77	—	—	—	17.07	1381	6.72	330.0	5.55	0.0	
12:00	14.88	—	—	3/4 Gals	17.10	1383	6.75	333.2	5.53	0.0	
					SAMPLED @			12:05			

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES NO If no, why? well went dry while filling glassware for DUP, Apex went back on 9/1 to finish filling glassware

DUP20200831

C:\Users\mladny\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\5GZ2E0SW\Low Flow Form (003)

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EE- Wethersfield
Depth to _____(top)/_____(bottom) of screen
Well Number: AP-6R Date: 8/31/2020
Field Personnel: M. Ladny
Pump Intake at (ft. below MP): ~ 19.5'
Identify Monitoring Point: TOC
Purging Device; (pump type): Geopump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	18.82	--	--	--	--	--	--	--	--	--	DTB = 19.98
←					SAMPLED @ 9:00					→	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) If no, why? Apex grabbed sample due to low volume of water, well went dry Apex had to let well recharge

C:\Users\mladny\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\5GZ2E0SW\Low Flow Form (003)

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EE - Wethersfield
Depth to _____(top)/_____(bottom) of screen
Well Number: AP-11R Date: 8/31/20
Field Personnel: M. Ladny
Pump Intake at (ft. below MP): _____
Identify Monitoring Point: TOC
Purging Device; (pump type): Geopump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	18.59	--	--	--	--	--	--	--	--	--	DTB: 18.78

No Sample Taken, To little G-W in well.

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES NO If no, why? _____

C:\Users\mladny\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\5GZ2E0SW\Low Flow Form (003)

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EE- Wethersfield
Depth to _____(top)/_____(bottom) of screen
Well Number: AP-13R-BR Date: 9/1/2020
Field Personnel: M. Ladny
Pump Intake at (ft. below MP): ~21'
Identify Monitoring Point: TOC
Purging Device; (pump type): Geopump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	13.39	--	--	--	--	--	--	--	--	--	VTB = 24.80
10:50	14.90	—	—	—	21.09	3139	7.31	254.0	3.26	0.0	
10:55	15.11	—	—	—	21.35	3137	7.31	274.7	2.80	0.0	
11:00	15.25	—	—	—	20.81	2969	7.30	297.5	3.11	0.0	
11:05	15.52	—	—	—	20.14	2906	7.27	318.9	4.24	0.0	
11:10	15.86	—	—	—	19.50	2803	7.25	333.9	4.42	0.0	
11:15	16.18	—	—	—	19.35	2743	7.25	346.1	5.60	0.0	
11:20	16.47	—	—	—	19.51	2711	7.25	355.7	6.01	0.0	
11:25	16.96	—	—	—	19.64	2685	7.25	363.9	6.61	0.0	
11:30	17.30	—	—	—	19.77	2654	7.24	371.6	6.72	0.0	
11:35	17.85	—	—	—	19.93	2567	7.22	381.0	7.33	0.0	
11:40	18.10	—	—	—	20.05	2538	7.22	383.5	7.41	0.0	
11:45	18.25	—	—	—	20.30	2480	7.21	386.7	7.67	0.0	
11:50	18.56	—	—	1.25gal	20.56	2408	7.13	394.9	7.61	0.0	

SAMPLED @ 11:55

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES NO If no, why?_____

C:\Users\mladny\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\5GZ2E0SW\Low Flow Form (003)

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD — Depth to _____(top)/_____(bottom) of screen

Well Number: AP-12R Date: 8/31/20

Field Personnel: J. STANLEWICZ — Pump Intake at (ft. below MP): _____

Identify Monitoring Point: TOC — Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	13.27	--	--	--	--	--	--	--	--	--	DTB - 19.22

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) If no, why? COLLECTED GRAB SAMPLE

C:\Users\mladny\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\5GZ2E0SW\Low Flow Form (003)

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD — Depth to _____(top)/_____(bottom) of screen

Well Number: AP-15R-BR Date: 9/1/20

Field Personnel: J. STANLEWICZ — Pump Intake at (ft. below MP): _____

Identify Monitoring Point: TOC — Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	8.64	--	--	--	--	--	--	--	--	--	DTB 24.87
1135	10.28	1/4			20.03	1044	7.77	9.4	0.48	9.9	
1140	10.72				19.71	1027	7.68	102.3	0.36	9.4	COLLECTED MS/MSD
1145	11.19				20.38	1017	7.56	160.6	0.18	7.0	
1150	11.61				20.63	1009	7.55	201.2	0.11	8.7	
1155	12.10				20.41	1000	7.51	212.5	0.11	4.0	
1200	12.60				20.35	986	7.44	223.4	0.15	3.9	
1205	13.13				20.83	983	7.43	232.2	0.14	1.0	
1210	13.66				21.21	989	7.42	240.6	0.25	1.3	
1215	14.19				21.31	992	7.39	250.4	0.27	2.2	
1220	14.72				21.11	986	7.34	256.2	0.41	1.7	
1225	15.25				20.83	972	7.29	265.0	0.67	1.9	
1230	15.78		↓	↓	20.44	963	7.27	268.7	0.81	1.0	
1235	16.29	↓	0.027	1.75	20.08	937	7.20	275.1	0.99	0.5	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) If no, why? COND, DO

C:\Users\mladny\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\5GZ2E0SW\Low Flow Form (003)

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD — Depth to _____(top)/_____(bottom) of screen

Well Number: AP-101R Date: 8/31/20

Field Personnel: J. STANLEWICZ — Pump Intake at (ft. below MP): 13'

Identify Monitoring Point: TOC — Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	9.09	--	--	--	--	--	--	--	--	--	DTB-16.03
0945	9.48	1/4			20.12	852	7.16	35.1	1.12	17.6	
0950	9.62				20.69	810	7.05	93.2	0.59	7.6	
0955	9.75				20.88	798	7.05	113.5	0.56	9.9	
1000	9.88				21.18	784	7.03	153.8	0.62	7.8	
1005	10.01				21.22	714	7.00	181.2	0.61	6.0	
1010	10.15				21.23	696	6.96	199.5	0.64	3.8	
1015	10.29				21.08	668	6.93	218.3	0.60	0.3	
1020	10.43				20.92	636	6.93	229.1	0.53	0.0	
1025	10.57				20.94	634	6.93	232.6	0.46	0.0	
1030	10.71				21.01	639	7.00	240.2	0.40	0.0	
1035	10.85				20.99	663	7.01	242.1	0.35	0.0	
1040	11.05		↓	↓	21.47	697	7.05	243.6	0.32	0.0	
1045	11.46	↓	0.027	1.75	21.65	719	7.04	253.2	0.30	0.0	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% values >0.5mg/L); Turbidity (10% values > 5 NTU)

Stabilized (circle) YES (NO) If no, why? COND, ORP, DO

C:\Users\mladny\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\5GZ2E0SW\Low Flow Form (003)

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): Eversource Wethersfield — Page 1 of 1
Well Number: AP-1R — Date: 11/11/20
Field Personnel: Dan Wilson — Depth to – (top)/– (bottom) of screen
Identify Monitoring Point: TOC — Pump Intake at (ft. below MP):
Purging Device; (pump type): Geo Pump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial		--	--	--	--	--	--	--	--	--	
1125	5.15	X4	120mL	1.5	~	Start	~				DTB: 13.62
1135	5.59				17.96	931	7.03	209.2	4.53	1.9	
1140	5.85				17.84	918	7.02	213.7	4.41	2.6	
1145	6.04				17.84	926	7.01	216.9	4.40	3.3	
1150	6.29				17.87	964	7.00	223.2	4.50	3.5	
1155	6.41				17.88	971	7.00	224.1	4.53	3.3	
1200	6.51				17.88	976	6.99	227.7	4.53	4.1	
1205	6.63				17.89	983	6.99	230.1	4.55	4.6	
1210	–				5AM ALBD:		1215				

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% if > 0.5 mg/L or 3 values <0.5 mg/L); Turbidity (10% if >5 NTUs or 3 values <5 NTUs)

Stabilized (circle) YES NO — If no, why? –

C:\Users\kengler\OneDrive - Apex Companies, LLC\Low-Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): Eversource Wethersfield
Well Number: AP-2R Date: 11/11/20
Field Personnel: Dan Wilson
Identify Monitoring Point: TOC

Depth to —(top)/—(bottom) of screen
Pump Intake at (ft. below MP):
Purging Device; (pump type): Geopump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial		--	--	--	--	--	--	--	--	--	
1010	5.22	X4	12mm	1.375	Start						DTB=11.78
1020	5.71				18.91	559	7.01	154.0	0.78	20.6	
1025	6.01				18.39	554	7.01	154.1	0.50	14.2	
1035	6.64				17.74	542	7.00	151.5	0.28	6.1	
1040	7.00				17.77	520	7.00	154.6	0.22	2.9	
1050	7.30				17.96	519	7.01	157.3	0.22	-0.9	
1055	7.31				17.98	521	7.01	160.9	0.22	-1.3	
1100	7.43				18.03	518	7.00	159.7	0.22	-1.4	
					SAMPLED	1105					

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% if > 0.5 mg/L or 3 values <0.5 mg/L); Turbidity (10% if >5 NTUs or 3 values <5 NTUs)

Stabilized (circle) (YES) NO If no, why?

C:\Users\kengler\OneDrive - Apex Companies, LLC\Low-Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): ES- WETHERSFIELD — Page 1 of 2
Well Number: AP-3R Date: 11/12/20 — Depth to _____(top)/_____(bottom) of screen
Field Personnel: J. STANLEWICZ — Pump Intake at (ft. below MP): 78'
Identify Monitoring Point: TOC — Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	2.86	–	–	–	–	–	–	–	–	–	DTB - 11.18
0805	3.18	1/4			16.08	1320	7.08	90.6	27.19	19.9	
0810	3.29				15.94	1190	6.86	106.4	4.30	21.8	
0815	3.40				15.89	1188	6.78	118.2	4.15	26.9	
0820	3.50				15.82	1112	6.72	128.6	3.64	21.9	
0825	3.60				15.80	1087	6.69	132.9	4.25	22.2	
0830	3.70				15.77	1073	6.69	134.6	3.53	20.9	
0835	3.78				15.69	1015	6.66	134.8	3.11	18.6	
0840	3.86				15.68	995	6.65	134.9	3.42	17.9	
0845	3.94				15.68	989	6.64	135.5	3.00	19.0	
0850	4.02				15.66	979	6.64	135.1	2.88	20.0	
0855	4.10				15.70	968	6.64	137.9	3.05	20.9	
0900	4.17				15.68	952	6.65	141.6	2.92	26.9	
0905	4.24	↓	↓	↓	15.69	933	6.65	144.9	3.27	38.1	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% if > 0.5 mg/L or 3 values <0.5 mg/L); Turbidity (10% if >5 NTUs or 3 values <5 NTUs)

Stabilized (circle) YES (NO) If no, why?_____

C:\Users\kengler\OneDrive - Apex Companies, LLC\Low-Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): ES- WETHERSFIELD
Page 2 of 2
Well Number: AP-3R Date: 11/12/20
Depth to _____(top)/_____(bottom) of screen
Field Personnel: J. STANLEWICZ
Identify Monitoring Point: _____
Pump Intake at (ft. below MP): _____
Purging Device; (pump type): _____

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial		-	-	-	-	-	-	-	-	-	
0910	4.31	1/4			15.67	931	6.66	145.2	3.28	35.6	
0915	4.38	↓			15.70	923	6.66	147.9	3.33	38.7	
0920	4.45				15.73	925	6.67	150.3	3.40	37.6	
0925	4.55	↓	↓	↓	15.74	927	6.67	152.8	3.48	39.9	
0930	4.65	↓	0.036	3.25	15.79	926	6.68	154.4	3.48	43.8	
											Sampled - 0935
											COLLECTED DUP

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% if > 0.5 mg/L or 3 values <0.5 mg/L); Turbidity (10% if >5 NTUs or 3 values <5 NTUs)

Stabilized (circle) YES (NO) If no, why? TURBIDITY

C:\Users\kengler\OneDrive - Apex Companies, LLC\Low-Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EVERSOURCE - WETHERSFIELD
Well Number: AP-4R Date: 11/12/20
Field Personnel: J. STANLEWICZ
Identify Monitoring Point: TOC
Depth to _____(top)/_____(bottom) of screen
Pump Intake at (ft. below MP): 13'
Purging Device; (pump type): GEOTECH

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	8.13	–	–	–	–	–	–	–	–	–	
1220	8.57	1/4			16.32	685	7.44	130.9	7.21	3.4	DTB - 15.08
1225	8.80	↓			16.37	685	7.42	133.0	7.27	3.7	
1230	9.03				16.26	684	7.42	135.6	7.34	3.1	
1235	9.25				16.28	686	7.40	139.7	7.28	1.7	
1240	9.40		↓	↓	16.35	687	7.39	141.2	7.13	0.7	
1245	9.56	↓	0.033	1.0	16.34	687	7.39	142.8	7.04	0.0	SAMPLED - 1250
1250											
1255											
1300											

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% if > 0.5 mg/L or 3 values <0.5 mg/L); Turbidity (10% if >5 NTUs or 3 values <5 NTUs)

Stabilized (circle) (YES) NO If no, why?_____

C:\Users\kengler\OneDrive - Apex Companies, LLC\Low-Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EE-Weathersfield
Well Number: AP-6R Date: 11/11/2020
Field Personnel: M. Ladny
Identify Monitoring Point: TOC

Page 1 of 1
Depth to _____(top)/_____(bottom) of screen
Pump Intake at (ft. below MP): ~19.50'
Purging Device; (pump type): Geopump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	18.33	--	--	--	--	--	--	--	--	--	DTB = 19.88
←				SAMPLED	@ 9:00					→	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% if > 0.5 mg/L or 3 values <0.5 mg/L); Turbidity (10% if >5 NTUs or 3 values <5 NTUs)

Stabilized (circle) YES (NO) If no, why? Apex grabbed sample, well went dry during sampling. Apex let well recharge.

C:\Users\kengler\OneDrive - Apex Companies, LLC\Low-Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EE- Wethersfield — Page 1 of 1
Well Number: AP-9R Date: 11/11/2020 — Depth to _____(top)/_____(bottom) of screen
Field Personnel: M. Ludwig
Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): ~14'
Purging Device; (pump type): Geo

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	9.43	--	--	--	--	--	--	--	--	--	TDTG: 16.69
11:55	9.72	—	—	—	21.24	1986	7.61	99.9	8.13	7.1	
12:00	9.89	—	—	—	19.83	1810	7.71	94.4	4.99	10.3	
12:05	10.02	—	—	—	19.36	1737	7.05	110.1	2.62	10.8	
12:10	10.12	—	—	—	18.21	1692	6.92	126.1	2.44	14.6	
12:15	10.29	—	—	—	18.27	1318	6.79	139.9	2.39	22.5	
12:20	10.48	—	—	—	18.30	1319	6.79	147.6	4.31	19.2	
12:25	10.64	—	—	—	18.45	1324	6.85	153.7	1.37	5.7	
12:30	10.82	—	—	—	18.62	1331	6.87	161.0	1.69	2.4	
12:35	10.98	—	—	—	18.72	1334	6.88	166.5	1.80	1.3	
12:40	11.10	—	—	—	18.83	1337	6.89	172.0	1.06	1.2	
12:45	11.30	—	—	—	18.97	1342	6.87	179.1	1.46	1.9	
12:50	11.42	—	—	—	1904	1344	6.89	182.6	1.55	3.0	
12:55	11.65	—	—	1.25 gal	19.09	1348	6.90	186.6	1.58	4.2	

SAMPLED @ 1300

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% if > 0.5 mg/L or 3 values <0.5 mg/L); Turbidity (10% if >5 NTUs or 3 values <5 NTUs)

Stabilized (circle) (YES) NO If no, why?_____

C:\Users\kengler\OneDrive - Apex Companies, LLC\Low-Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EE- Wethersfield
Well Number: AP-11R Date: 11/11/20
Field Personnel: M. Ludwig
Identify Monitoring Point: TOC

Depth to _____(top)/_____(bottom) of screen
Pump Intake at (ft. below MP): —
Purging Device; (pump type): Geopump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	18.64	--	--	--	--	--	--	--	--	--	DTB: 18.79

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% if > 0.5 mg/L or 3 values <0.5 mg/L); Turbidity (10% if >5 NTUs or 3 values <5 NTUs)

Stabilized (circle) YES (NO) If no, why? No sample taken, Insufficient water in well to sample.

C:\Users\kengler\OneDrive - Apex Companies, LLC\Low-Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): Eversource Wethersfield
Well Number: AP-12R Date: 11/11/20
Field Personnel: Don Wilson
Identify Monitoring Point: [redacted] TOC
Depth to —(top)/—(bottom) of screen
Pump Intake at (ft. below MP):
Purging Device; (pump type): Geopump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial		--	--	--	--	--	--	--	--	--	
0800	13.21			Grab Sample			0805				DTB: 14.12

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% if > 0.5 mg/L or 3 values <0.5 mg/L); Turbidity (10% if >5 NTUs or 3 values <5 NTUs)

Stabilized (circle) YES (NO) If no, why? Collected Grab Sample 0805

C:\Users\kengler\OneDrive - Apex Companies, LLC\Low-Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): EE- Weathersfield
Well Number: AP-13R-BR Date: 11/12/2020
Field Personnel: M. Lackey
Identify Monitoring Point: TOC
Depth to _____(top)/_____(bottom) of screen
Pump Intake at (ft. below MP): ~ 21'
Purging Device; (pump type): Geopump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	12.77	--	--	--	--	--	--	--	--	--	DTB = 24.81
12:20	14.09	—	—	—	16.74	1153	7.54	231.4	6.82	0.0	
12:25	14.80	—	—	—	16.60	2106	7.45	236.2	6.66	0.0	
12:30	15.09	—	—	—	16.72	2104	7.45	238.1	6.20	0.0	
12:35	15.28	—	—	—	16.83	2063	7.45	241.5	6.55	0.0	
12:40	15.48	—	—	—	16.84	2056	7.45	245.9	6.75	0.0	
12:45	15.87	—	—	—	16.90	2050	7.45	248.1	6.93	0.0	
12:50	16.17	—	—	—	16.87	2046	7.45	250.5	6.92	0.0	
12:55	16.55	—	—	—	16.94	2029	7.44	251.9	7.09	0.0	
1:00	16.97	—	—	—	16.96	2004	7.44	253.8	7.22	0.0	
1:05	17.31	—	—	—	16.88	1974	7.44	256.1	7.50	0.0	
1:10	17.67	—	—	—	16.84	1958	7.44	258.2	7.41	0.0	
1:15	18.00	—	—	—	16.75	1951	7.43	259.9	7.46	0.0	
1:20	18.34	—	—	1.25gal	16.71	1938	7.43	261.2	7.38	0.0	

SAMPLED @ 1:25

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% if > 0.5 mg/L or 3 values <0.5 mg/L); Turbidity (10% if >5 NTUs or 3 values <5 NTUs)

Stabilized (circle) YES NO If no, why?_____

C:\Users\kengler\OneDrive - Apex Companies, LLC\Low-Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 2

Location (Site/Facility Name): EE-Wethersfield
Well Number: AP-15R-BR Date: 11/12/2020
Field Personnel: M. Lackey
Identify Monitoring Point: TOC
Depth to _____(top)/_____(bottom) of screen
Pump Intake at (ft. below MP): ~ 20'
Purging Device; (pump type): Geopump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	7.23	--	--	--	--	--	--	--	--	--	DTB= 24.97
8:00	8.57	—	—	—	15.77	861	8.30	106.1	1.02	49.4	
8:05	9.10	—	—	—	15.75	849	8.29	109.7	0.49	44.8	
8:10	9.87	—	—	—	15.69	806	8.25	113.1	1.52	26.8	
8:15	10.54	—	—	—	15.66	778	8.12	123.7	2.62	26.7	
8:20	10.90	—	—	—	15.61	760	8.07	136.6	2.65	19.0	
8:25	11.45	—	—	—	15.59	735	8.00	149.2	3.79	18.6	
8:30	11.83	—	—	—	15.56	719	7.95	161.4	3.99	13.8	
8:35	12.21	—	—	—	15.52	723	7.90	168.8	3.76	15.6	
8:40	12.58	—	—	—	15.46	706	7.82	175.9	3.56	12.2	
8:45	12.91	—	—	—	15.43	698	7.77	181.3	3.38	10.8	
8:50	13.30	—	—	—	15.43	682	7.71	186.2	3.20	11.9	
8:55	13.60	—	—	—	15.39	672	7.61	192.9	2.81	12.5	
9:00	13.90	—	—	—	15.39	659	7.56	195.2	2.81	11.8	

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% if > 0.5 mg/L or 3 values <0.5 mg/L); Turbidity (10% if >5 NTUs or 3 values <5 NTUs)

Stabilized (circle) YES NO If no, why?_____

C:\Users\kengler\OneDrive - Apex Companies, LLC\Low-Flow Form

MS/MSD

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Location (Site/Facility Name): EE - Wethersfield — Page 2 of 2
Well Number: AP-15R-BR Date: 11/12/2020 — Depth to _____(top)/_____(bottom) of screen
Field Personnel: M - Lacky
Identify Monitoring Point: TOC — Pump Intake at (ft. below MP): ~20
Purging Device; (pump type): Geopump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial	—	--	--	--	--	--	--	--	--	--	
9:05	14.21	—	—	—	15.36	662	7.53	198.6	2.42	9.8	DTB = 24.97
9:10	14.44	—	—	—	15.36	662	7.52	200.4	2.45	9.5	
9:15	14.63	—	—	—	15.32	658	7.50	202.3	2.40	8.5	
9:20	14.81	—	—	—	15.31	654	7.47	204.6	2.42	11.0	
9:25	15.03	—	—	—	15.32	653	7.46	206.4	2.45	6.8	
9:30	15.24	—	—	2 gals	15.32	651	7.45	208.4	2.51	4.9	
						SAMPLED @ 9:35					

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% if > 0.5 mg/L or 3 values <0.5 mg/L); Turbidity (10% if >5 NTUs or 3 values <5 NTUs)

Stabilized (circle) YES (NO) If no, why? NTU

MS/MSD

C:\Users\kengler\OneDrive - Apex Companies, LLC\Low-Flow Form

APEX COMPANIES, LLC
WELL PURGING-FIELD WATER QUALITY MEASUREMENTS FORM

Page 1 of 1

Location (Site/Facility Name): Eversource Westborough
Well Number: AP-101R Date: 11/11/20
Field Personnel: Dan Wilson
Identify Monitoring Point: TOC

Depth to — (top)/— (bottom) of screen
Pump Intake at (ft. below MP):
Purging Device; (pump type): Geopump

Clock Time	Water Depth Below MP feet	Pump Dial	Purge Rate gal/min	Cum. Volume Purged gallons	Temp. C	Spec. Cond. uS/cm	pH	ORP/ Eh3 mv	DO mg/l	Turbidity NTU	Comments
Initial		--	--	--	--	--	--	--	--	--	
0830	7.18	Hg	1.2gal	1.2g	@ Start						DTB: 16.04
0840	7.99				17.24	703	7.16	162.9	0.57	9.1	
0845	8.17				17.33	704	7.16	162.6	0.30	5.3	
0850	8.41				17.40	707	7.14	143.7	0.34	4.8	
0855	8.54				17.43	702	7.13	102.5	0.33	3.5	
0900	8.79				17.42	696	7.13	26.7	0.32	2.1	
0905	8.91				17.44	690	7.12	-1.9	0.34	0.6	
0910	9.07				17.48	683	7.11	-18.2	0.36	1.3	
0915	9.19				17.54	673	7.12	-28.6	0.40	1.1	
0920	9.65				17.73	667	7.13	-13.0	0.41	0.5	
0925	9.87				17.76	661	7.14	6.4	0.43	-0.5	
0930	9.99				17.82	656	7.15	9.2	0.44	-0.9	
					Sample @	0935					

Temperature (3%); Spec. Cond (3%); pH(+/-0.1); ORP/Eh3 (+/-10mv); DO(10% if > 0.5 mg/L or 3 values <0.5 mg/L); Turbidity (10% if >5 NTUs or 3 values <5 NTUs)

Stabilized (circle) YES (NO) If no, why? Spec. Cond. / ORP

C:\Users\kengler\OneDrive - Apex Companies, LLC\Low-Flow Form

APPENDIX B

ALTERNATIVE SWPC CALCULATIONS WORKSHEETS

Eversource Energy
176 Cumberland Avenue
Wethersfield CT

7Q10 Calcuation for Arsenic

$$\text{Alternative SWPC} = \text{WQC} \times \frac{0.25 \times 7Q10}{Q_{Plume}}$$

Where:

WQC = Water Qualtiy Criteria (Arsenic 150 ug/l)
7Q10 = 0.003226 cfs - lowest 7 day average of 10 year flow (Calculated via 1982 Method and USGS StreamStats Program)

Q_{Plume} = KiLB

Where:

K	0.283	K =	feet/day	Hydraulic Conductivity*
i	0.022	i =	feet/foot	Horizontal hydraulic gradient
b	6	b =	feet	Aquifier thickness (half of river width (estimated brook)
L	400	L =	feet	length of release area (estimated plume width)
ft^3/day	15			

Q_{Plume} = cfs 0.0002

$$\text{Alternative SWPC} = \text{WQC}_{Zn} \frac{0.25 \quad 0.003226}{0.0002}$$

(0.25)	7Q10/	cfs	Multiplier
0.25	0.003226	0.0002	4.66

	WQC	X	Multiplier	ALTERNATIVE SWPC
=	150	*	4.66	699.502088

699.50 ug/l CALCULATED ALTERNATIVE SWPC

* Hydraulic conductivity of $1x10^{-4}$ cm/sec used (Freeze & Cherry, Groundwater 1979)
= 0.283 EPA Online Tools

Eversource Energy
176 Cumberland Avenue
Wethersfield CT

7Q10 Calcuation for Zinc

$$\text{Alternative SWPC} = \text{WQC} \times \frac{0.25 \times 7Q10}{Q_{Plume}}$$

Where:

WQC = Water Qualtiy Criteria (Zinc 65 ug/l)
7Q10 = 0.003226 cfs - lowest 7 day average of 10 year flow (Calculated via 1982 Method and USGS StreamStats Program)

Q_{Plume} = KiLB

Where:

K	0.283	K =	feet/day	Hydraulic Conductivity*
i	0.022	i =	feet/foot	Horizontal hydraulic gradient
b	6	b =	feet	Aquifier thickness (half of river width (estimated brook)
L	400	L =	feet	length of release area (estimated plume width)
ft^3/day	15			

Q_{Plume} = cfs 0.0002

$$\text{Alternative SWPC} = \text{WQC}_{Zn} \frac{0.25 \quad 0.003226}{0.0002}$$

(0.25)	7Q10/	cfs	Multiplier
0.25	0.003226	0.0002	4.66

	WQC	X	Multiplier	ALTERNATIVE SWPC
=	65	*	4.66	303.1175715

303.12 ug/l CALCULATED ALTERNATIVE SWPC

* Hydraulic conductivity of $1x10^{-4}$ cm/sec used (Freeze & Cherry, Groundwater 1979)
= 0.283 EPA Online Tools

APPENDIX C

LABORATORY ANALYTICAL REPORTS – GROUNDWATER

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

February 28, 2020

Donna L. Kask
Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074

Project Location: Wethersfield, CT
Client Job Number:
Project Number: 6089-015
Laboratory Work Order Number: 20B0825

Enclosed are results of analyses for samples received by the laboratory on February 19, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
Project Manager

Table of Contents

Sample Summary 4
Case Narrative 6
Sample Results 9
20B0825-01 9
20B0825-02 11
20B0825-03 18
20B0825-04 25
20B0825-05 32
20B0825-06 39
20B0825-07 46
20B0825-08 53
Sample Preparation Information 60
QC Data 62
Volatile Organic Compounds by GC/MS 62
B252673 62
B252786 64
Semivolatile Organic Compounds by GC/MS 68
B252936 68
B252958 72
Petroleum Hydrocarbons Analyses 73
B252921 73
Petroleum Hydrocarbons Analyses - EPH 74
B252854 74
Metals Analyses (Total) 76
B252665 76

Table of Contents (continued)

B252717 76

Flag/Qualifier Summary 78

Certifications 79

Chain of Custody/Sample Receipt 84

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074
ATTN: Donna L. Kask

REPORT DATE: 2/28/2020
PURCHASE ORDER NUMBER:
PROJECT NUMBER: 6089-015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20B0825

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wethersfield, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB 20200218	20B0825-01	Trip Blank Water		SW-846 8260C-D	
AP-12R	20B0825-02	Ground Water		CTDEP ETPH	
				MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-6R	20B0825-03	Ground Water		CTDEP ETPH	
				MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-101R	20B0825-04	Ground Water		CTDEP ETPH	
				MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-11R	20B0825-05	Ground Water		CTDEP ETPH	
				MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-9R	20B0825-06	Ground Water		CTDEP ETPH	
				MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-1R	20B0825-07	Ground Water		CTDEP ETPH	
				MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074
ATTN: Donna L. Kask

REPORT DATE: 2/28/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 6089-015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20B0825

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wethersfield, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
DUP	20B0825-08	Ground Water		CTDEP ETPH MADEP-EPH-04-1.1 SW-846 6020B SW-846 7470A SW-846 8260C-D SW-846 8270D-E	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 8270, only a select list of PAHs was analyzed and reported in order to achieve lower detection limits than possible with EPH analysis

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 6020B

Qualifications:

R-04

Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).

Analyte & Samples(s) Qualified:

Arsenic
20B0825-02[AP-12R], B252717-DUP1

SW-846 8260C-D

Qualifications:

L-01

Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

Bromomethane
B252786-BS1

Vinyl Chloride
B252673-BS1

L-03

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene
20B0825-02[AP-12R], 20B0825-03[AP-6R], 20B0825-04[AP-101R], 20B0825-05[AP-11R], 20B0825-06[AP-9R], 20B0825-07[AP-1R], 20B0825-08[DUP], B252786-BLK1, B252786-BS1

1,2,4-Trichlorobenzene
20B0825-02[AP-12R], 20B0825-03[AP-6R], 20B0825-04[AP-101R], 20B0825-05[AP-11R], 20B0825-06[AP-9R], 20B0825-07[AP-1R], 20B0825-08[DUP], B252786-BLK1, B252786-BS1

2,2-Dichloropropane
20B0825-01[TB 20200218], B252673-BLK1, B252673-BS1

Naphthalene
20B0825-02[AP-12R], 20B0825-03[AP-6R], 20B0825-04[AP-101R], 20B0825-05[AP-11R], 20B0825-06[AP-9R], 20B0825-07[AP-1R], 20B0825-08[DUP], B252786-BLK1, B252786-BS1

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene
20B0825-02[AP-12R], 20B0825-03[AP-6R], 20B0825-04[AP-101R], 20B0825-05[AP-11R], 20B0825-06[AP-9R], 20B0825-07[AP-1R], 20B0825-08[DUP], B252786-BLK1, B252786-BS1, S045911-CCV1

1,2,4-Trichlorobenzene
20B0825-02[AP-12R], 20B0825-03[AP-6R], 20B0825-04[AP-101R], 20B0825-05[AP-11R], 20B0825-06[AP-9R], 20B0825-07[AP-1R], 20B0825-08[DUP], B252786-BLK1, B252786-BS1, S045911-CCV1

1,2-Dibromo-3-chloropropane (DB
20B0825-02[AP-12R], 20B0825-03[AP-6R], 20B0825-04[AP-101R], 20B0825-05[AP-11R], 20B0825-06[AP-9R], 20B0825-07[AP-1R], 20B0825-08[DUP], B252786-BLK1, B252786-BS1, S045911-CCV1

Dichlorodifluoromethane (Freon 1
B252673-BS1, S045908-CCV1

Methyl tert-Butyl Ether (MTBE)
20B0825-01[TB 20200218], B252673-BLK1, B252673-BS1, S045908-CCV1

Naphthalene
20B0825-02[AP-12R], 20B0825-03[AP-6R], 20B0825-04[AP-101R], 20B0825-05[AP-11R], 20B0825-06[AP-9R], 20B0825-07[AP-1R], 20B0825-08[DUP], B252786-BLK1, B252786-BS1, S045911-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane
B252786-BS1, S045911-CCV1

Chloroethane
B252786-BS1, S045911-CCV1

Vinyl Chloride
B252673-BS1, S045908-CCV1

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

V-36

Initial calibration verification (ICV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

trans-1,4-Dichloro-2-butene
B252673-BS1, S045908-CCV1

SW-846 8270D-E

Qualifications:

RL-03

Elevated reporting limit based on lowest point in calibration.
Requested reporting limit not met.

Analyte & Samples(s) Qualified:

Hexachlorobenzene
20B0825-02[AP-12R], 20B0825-03[AP-6R], 20B0825-04[AP-101R], 20B0825-05[AP-11R], 20B0825-06[AP-9R], 20B0825-07[AP-1R], 20B0825-08[DUP], B252936-BLK1

Pentachlorophenol
20B0825-02[AP-12R], 20B0825-03[AP-6R], 20B0825-04[AP-101R], 20B0825-05[AP-11R], 20B0825-06[AP-9R], 20B0825-07[AP-1R], 20B0825-08[DUP], B252936-BLK1

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol
20B0825-02[AP-12R], 20B0825-03[AP-6R], 20B0825-04[AP-101R], 20B0825-05[AP-11R], 20B0825-06[AP-9R], 20B0825-07[AP-1R], 20B0825-08[DUP], B252936-BLK1, B252936-BS1, B252936-BSD1, S046041-CCV1

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

4-Chloroaniline
20B0825-02[AP-12R], 20B0825-03[AP-6R], 20B0825-04[AP-101R], 20B0825-05[AP-11R], 20B0825-06[AP-9R], 20B0825-07[AP-1R], 20B0825-08[DUP], B252936-BLK1, B252936-BS1, B252936-BSD1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: TB 20200218 | Sampled: 2/18/2020 08:00

Sample ID: 20B0825-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Bromomethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1	L-03	SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: TB 20200218 | Sampled: 2/18/2020 08:00

Sample ID: 20B0825-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1	V-05	SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,2,3-Trichlorobenzene	ND	2.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/20/20	2/21/20 21:37	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	93.1	70-130		2/21/20 21:37
Toluene-d8	98.6	70-130		2/21/20 21:37
4-Bromofluorobenzene	93.5	70-130		2/21/20 21:37

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-12R | Sampled: 2/18/2020 08:00

Sample ID: 20B0825-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-12R | Sampled: 2/18/2020 08:00

Sample ID: 20B0825-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Naphthalene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:39	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		2/21/20 15:39
Toluene-d8	98.3	70-130		2/21/20 15:39
4-Bromofluorobenzene	94.3	70-130		2/21/20 15:39

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-12R | Sampled: 2/18/2020 08:00

Sample ID: 20B0825-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Acenaphthylene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 14:46	IMR
Aniline	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Benzo(a)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 14:46	IMR
Benzo(a)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 14:46	IMR
Benzo(b)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 14:46	IMR
Benzo(g,h,i)perylene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 14:46	IMR
Benzo(k)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 14:46	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Chrysene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 14:46	IMR
Dibenz(a,h)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 14:46	IMR
Dibenzofuran	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-12R | Sampled: 2/18/2020 08:00

Sample ID: 20B0825-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Hexachlorobenzene	ND	2.1	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Hexachloroethane	ND	2.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Indeno(1,2,3-cd)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 14:46	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
2-Methylnaphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Naphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Pentachlorophenol	ND	10	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Phenanthrene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 14:46	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
Pyridine	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
1,2,4-Trichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 9:59	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
2-Fluorophenol	49.1	15-110		2/27/20	9:59
Phenol-d6	33.8	15-110		2/27/20	9:59
Nitrobenzene-d5	69.3	30-130		2/27/20	9:59
2-Fluorobiphenyl	99.2	30-130		2/27/20	9:59
2,4,6-Tribromophenol	83.2	15-110		2/27/20	9:59
p-Terphenyl-d14	87.6	30-130		2/27/20	9:59
o-Terphenyl (OTP)	60.5	30-130		2/25/20	14:46

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-12R | Sampled: 2/18/2020 08:00

Sample ID: 20B0825-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.15	mg/L	1		CTDEP ETPH	2/25/20	2/25/20 15:12	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	64.6	50-150				2/25/20 15:12	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-12R | Sampled: 2/18/2020 08:00

Sample ID: 20B0825-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:07	RMW
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:07	RMW
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:07	RMW
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:07	RMW
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:07	RMW
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:07	RMW
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:07	RMW
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:07	RMW
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:07	RMW
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:07	RMW
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:07	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	52.2	40-140		2/25/20 14:07
o-Terphenyl (OTP)	65.1	40-140		2/25/20 14:07
2-Bromonaphthalene	93.9	40-140		2/25/20 14:07
2-Fluorobiphenyl	89.1	40-140		2/25/20 14:07

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-12R | Sampled: 2/18/2020 08:00

Sample ID: 20B0825-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 12:45	MJH
Arsenic	1.0	0.80	µg/L	1	R-04	SW-846 6020B	2/20/20	2/21/20 12:45	MJH
Barium	72	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 12:45	MJH
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	2/20/20	2/21/20 12:45	MJH
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 12:45	MJH
Chromium	ND	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 12:45	MJH
Copper	6.3	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 12:45	MJH
Lead	ND	0.50	µg/L	1		SW-846 6020B	2/20/20	2/21/20 12:45	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/20/20	2/21/20 12:28	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 12:45	MJH
Selenium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 12:45	MJH
Silver	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 12:45	MJH
Thallium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 12:45	MJH
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 12:45	MJH
Zinc	120	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 12:45	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-6R | Sampled: 2/18/2020 09:10

Sample ID: 20B0825-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-6R | Sampled: 2/18/2020 09:10

Sample ID: 20B0825-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Naphthalene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:05	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		2/21/20 16:05
Toluene-d8	98.3	70-130		2/21/20 16:05
4-Bromofluorobenzene	96.0	70-130		2/21/20 16:05

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-6R | Sampled: 2/18/2020 09:10

Sample ID: 20B0825-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Acenaphthylene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:14	IMR
Aniline	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Benzo(a)anthracene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:14	IMR
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Benzo(a)pyrene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:14	IMR
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Benzo(b)fluoranthene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:14	IMR
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:14	IMR
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Benzo(k)fluoranthene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:14	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Chrysene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Chrysene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:14	IMR
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:14	IMR
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-6R | Sampled: 2/18/2020 09:10

Sample ID: 20B0825-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:14	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Pentachlorophenol	ND	10	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Phenanthrene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:14	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
Pyridine	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:25	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	46.2	15-110		2/27/20 10:25
Phenol-d6	32.8	15-110		2/27/20 10:25
Nitrobenzene-d5	64.6	30-130		2/27/20 10:25
2-Fluorobiphenyl	93.4	30-130		2/27/20 10:25
2,4,6-Tribromophenol	78.3	15-110		2/27/20 10:25
p-Terphenyl-d14	85.3	30-130		2/27/20 10:25
o-Terphenyl (OTP)	57.4	30-130		2/25/20 15:14

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-6R | Sampled: 2/18/2020 09:10

Sample ID: 20B0825-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.15	mg/L	1		CTDEP ETPH	2/25/20	2/25/20 15:33	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	58.2	50-150				2/25/20 15:33	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-6R | Sampled: 2/18/2020 09:10

Sample ID: 20B0825-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:26	RMW
C19-C36 Aliphatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:26	RMW
Unadjusted C11-C22 Aromatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:26	RMW
C11-C22 Aromatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:26	RMW
Acenaphthene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:26	RMW
Anthracene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:26	RMW
Fluoranthene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:26	RMW
Fluorene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:26	RMW
2-Methylnaphthalene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:26	RMW
Naphthalene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:26	RMW
Pyrene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:26	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	54.8	40-140		2/25/20 14:26
o-Terphenyl (OTP)	66.2	40-140		2/25/20 14:26
2-Bromonaphthalene	81.4	40-140		2/25/20 14:26
2-Fluorobiphenyl	80.2	40-140		2/25/20 14:26

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-6R | Sampled: 2/18/2020 09:10

Sample ID: 20B0825-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH
Arsenic	2.5	0.80	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH
Barium	170	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH
Chromium	1.1	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH
Copper	4.8	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH
Lead	ND	0.50	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/20/20	2/21/20 12:29	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH
Selenium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH
Silver	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH
Thallium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH
Zinc	ND	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:08	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-101R | Sampled: 2/18/2020 10:45

Sample ID: 20B0825-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-101R | Sampled: 2/18/2020 10:45

Sample ID: 20B0825-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Naphthalene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:31	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		2/21/20 16:31
Toluene-d8	99.6	70-130		2/21/20 16:31
4-Bromofluorobenzene	93.9	70-130		2/21/20 16:31

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-101R | Sampled: 2/18/2020 10:45

Sample ID: 20B0825-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Acenaphthylene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Acenaphthylene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:43	IMR
Aniline	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Benzo(a)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Benzo(a)anthracene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:43	IMR
Benzo(a)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Benzo(a)pyrene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:43	IMR
Benzo(b)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Benzo(b)fluoranthene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:43	IMR
Benzo(g,h,i)perylene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:43	IMR
Benzo(k)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Benzo(k)fluoranthene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:43	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Chrysene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Chrysene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:43	IMR
Dibenz(a,h)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:43	IMR
Dibenzofuran	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-101R | Sampled: 2/18/2020 10:45

Sample ID: 20B0825-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Hexachlorobenzene	ND	2.1	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Hexachloroethane	ND	2.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Indeno(1,2,3-cd)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:43	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
2-Methylnaphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Naphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Pentachlorophenol	ND	10	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Phenanthrene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Phenanthrene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 15:43	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
Pyridine	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
1,2,4-Trichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 10:51	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	44.6	15-110		2/27/20 10:51
Phenol-d6	30.8	15-110		2/27/20 10:51
Nitrobenzene-d5	62.6	30-130		2/27/20 10:51
2-Fluorobiphenyl	90.7	30-130		2/27/20 10:51
2,4,6-Tribromophenol	76.8	15-110		2/27/20 10:51
p-Terphenyl-d14	81.6	30-130		2/27/20 10:51
o-Terphenyl (OTP)	56.9	30-130		2/25/20 15:43

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-101R | Sampled: 2/18/2020 10:45

Sample ID: 20B0825-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.15	mg/L	1		CTDEP ETPH	2/25/20	2/25/20 15:54	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	65.1	50-150				2/25/20 15:54	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-101R | Sampled: 2/18/2020 10:45

Sample ID: 20B0825-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:46	RMW
C19-C36 Aliphatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:46	RMW
Unadjusted C11-C22 Aromatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:46	RMW
C11-C22 Aromatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:46	RMW
Acenaphthene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:46	RMW
Anthracene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:46	RMW
Fluoranthene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:46	RMW
Fluorene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:46	RMW
2-Methylnaphthalene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:46	RMW
Naphthalene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:46	RMW
Pyrene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 14:46	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	59.0	40-140		2/25/20 14:46
o-Terphenyl (OTP)	66.3	40-140		2/25/20 14:46
2-Bromonaphthalene	89.9	40-140		2/25/20 14:46
2-Fluorobiphenyl	85.1	40-140		2/25/20 14:46

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-101R | Sampled: 2/18/2020 10:45

Sample ID: 20B0825-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH
Arsenic	1.4	0.80	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH
Barium	52	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH
Chromium	1.6	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH
Copper	5.2	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH
Lead	ND	0.50	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/20/20	2/21/20 12:31	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH
Selenium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH
Silver	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH
Thallium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH
Zinc	ND	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:11	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-11R | Sampled: 2/18/2020 10:50

Sample ID: 20B0825-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-11R | Sampled: 2/18/2020 10:50

Sample ID: 20B0825-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	0.51	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Naphthalene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 16:58	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		2/21/20 16:58
Toluene-d8	97.8	70-130		2/21/20 16:58
4-Bromofluorobenzene	93.2	70-130		2/21/20 16:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-11R | Sampled: 2/18/2020 10:50

Sample ID: 20B0825-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Acenaphthylene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Acenaphthylene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:12	IMR
Aniline	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Benzo(a)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Benzo(a)anthracene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:12	IMR
Benzo(a)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Benzo(a)pyrene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:12	IMR
Benzo(b)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Benzo(b)fluoranthene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:12	IMR
Benzo(g,h,i)perylene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:12	IMR
Benzo(k)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Benzo(k)fluoranthene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:12	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Chrysene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Chrysene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:12	IMR
Dibenz(a,h)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:12	IMR
Dibenzofuran	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-11R | Sampled: 2/18/2020 10:50

Sample ID: 20B0825-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Hexachlorobenzene	ND	2.1	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Hexachloroethane	ND	2.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Indeno(1,2,3-cd)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:12	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
2-Methylnaphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Naphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Pentachlorophenol	ND	10	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Phenanthrene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Phenanthrene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:12	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
Pyridine	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
1,2,4-Trichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:16	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	57.0	15-110		2/27/20 11:16
Phenol-d6	39.6	15-110		2/27/20 11:16
Nitrobenzene-d5	78.2	30-130		2/27/20 11:16
2-Fluorobiphenyl	109	30-130		2/27/20 11:16
2,4,6-Tribromophenol	95.5	15-110		2/27/20 11:16
p-Terphenyl-d14	101	30-130		2/27/20 11:16
o-Terphenyl (OTP)	54.4	30-130		2/25/20 16:12

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-11R | Sampled: 2/18/2020 10:50

Sample ID: 20B0825-05

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.15	mg/L	1		CTDEP ETPH	2/25/20	2/25/20 16:15	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	64.4	50-150				2/25/20 16:15	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-11R | Sampled: 2/18/2020 10:50

Sample ID: 20B0825-05

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:05	RMW
C19-C36 Aliphatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:05	RMW
Unadjusted C11-C22 Aromatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:05	RMW
C11-C22 Aromatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:05	RMW
Acenaphthene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:05	RMW
Anthracene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:05	RMW
Fluoranthene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:05	RMW
Fluorene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:05	RMW
2-Methylnaphthalene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:05	RMW
Naphthalene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:05	RMW
Pyrene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:05	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	57.5	40-140		2/25/20 15:05
o-Terphenyl (OTP)	65.2	40-140		2/25/20 15:05
2-Bromonaphthalene	89.5	40-140		2/25/20 15:05
2-Fluorobiphenyl	84.5	40-140		2/25/20 15:05

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-11R | Sampled: 2/18/2020 10:50

Sample ID: 20B0825-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH
Arsenic	1.8	0.80	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH
Barium	150	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH
Chromium	ND	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH
Copper	4.5	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH
Lead	ND	0.50	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/20/20	2/21/20 12:33	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH
Selenium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH
Silver	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH
Thallium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH
Zinc	ND	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:14	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-9R | Sampled: 2/18/2020 13:20

Sample ID: 20B0825-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-9R | Sampled: 2/18/2020 13:20

Sample ID: 20B0825-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Naphthalene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:24	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		2/21/20 17:24
Toluene-d8	98.4	70-130		2/21/20 17:24
4-Bromofluorobenzene	93.5	70-130		2/21/20 17:24

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-9R | Sampled: 2/18/2020 13:20

Sample ID: 20B0825-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:40	IMR
Aniline	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Benzo(a)anthracene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:40	IMR
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Benzo(a)pyrene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:40	IMR
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Benzo(b)fluoranthene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:40	IMR
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:40	IMR
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:40	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Chrysene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Chrysene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:40	IMR
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:40	IMR
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-9R | Sampled: 2/18/2020 13:20

Sample ID: 20B0825-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:40	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Pentachlorophenol	ND	10	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Phenanthrene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 16:40	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
Pyridine	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 11:42	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
2-Fluorophenol	45.2	15-110		2/27/20	11:42
Phenol-d6	32.9	15-110		2/27/20	11:42
Nitrobenzene-d5	69.0	30-130		2/27/20	11:42
2-Fluorobiphenyl	98.5	30-130		2/27/20	11:42
2,4,6-Tribromophenol	83.8	15-110		2/27/20	11:42
p-Terphenyl-d14	87.3	30-130		2/27/20	11:42
o-Terphenyl (OTP)	57.2	30-130		2/25/20	16:40

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-9R | Sampled: 2/18/2020 13:20

Sample ID: 20B0825-06

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.19	0.15	mg/L	1		CTDEP ETPH	2/25/20	2/27/20 11:17	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	85.3	50-150				2/27/20 11:17	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-9R | Sampled: 2/18/2020 13:20

Sample ID: 20B0825-06

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	98	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:23	RMW
C19-C36 Aliphatics	ND	98	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:23	RMW
Unadjusted C11-C22 Aromatics	ND	98	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:23	RMW
C11-C22 Aromatics	ND	98	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:23	RMW
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:23	RMW
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:23	RMW
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:23	RMW
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:23	RMW
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:23	RMW
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:23	RMW
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:23	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	57.0	40-140		2/25/20 15:23
o-Terphenyl (OTP)	66.4	40-140		2/25/20 15:23
2-Bromonaphthalene	91.1	40-140		2/25/20 15:23
2-Fluorobiphenyl	88.0	40-140		2/25/20 15:23

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-9R | Sampled: 2/18/2020 13:20

Sample ID: 20B0825-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH
Arsenic	1.2	0.80	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH
Barium	95	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH
Chromium	ND	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH
Copper	3.2	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH
Lead	0.59	0.50	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/20/20	2/21/20 12:34	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH
Selenium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH
Silver	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH
Thallium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH
Zinc	12	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:16	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-1R | Sampled: 2/18/2020 13:15

Sample ID: 20B0825-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-1R | Sampled: 2/18/2020 13:15

Sample ID: 20B0825-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Naphthalene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 17:51	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		2/21/20 17:51
Toluene-d8	98.4	70-130		2/21/20 17:51
4-Bromofluorobenzene	94.2	70-130		2/21/20 17:51

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-1R | Sampled: 2/18/2020 13:15

Sample ID: 20B0825-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:08	IMR
Aniline	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Benzo(a)anthracene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:08	IMR
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Benzo(a)pyrene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:08	IMR
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Benzo(b)fluoranthene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:08	IMR
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:08	IMR
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:08	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Chrysene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Chrysene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:08	IMR
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:08	IMR
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-1R | Sampled: 2/18/2020 13:15

Sample ID: 20B0825-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:08	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Pentachlorophenol	ND	10	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Phenanthrene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:08	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
Pyridine	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:08	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	40.8	15-110		2/27/20 12:08
Phenol-d6	29.1	15-110		2/27/20 12:08
Nitrobenzene-d5	62.2	30-130		2/27/20 12:08
2-Fluorobiphenyl	86.3	30-130		2/27/20 12:08
2,4,6-Tribromophenol	79.0	15-110		2/27/20 12:08
p-Terphenyl-d14	84.4	30-130		2/27/20 12:08
o-Terphenyl (OTP)	57.8	30-130		2/25/20 17:08

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-1R | Sampled: 2/18/2020 13:15

Sample ID: 20B0825-07

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.17	0.15	mg/L	1		CTDEP ETPH	2/25/20	2/27/20 11:37	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	66.3	50-150		2/27/20 11:37

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-1R | Sampled: 2/18/2020 13:15

Sample ID: 20B0825-07

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	98	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:43	RMW
C19-C36 Aliphatics	ND	98	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:43	RMW
Unadjusted C11-C22 Aromatics	ND	98	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:43	RMW
C11-C22 Aromatics	ND	98	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:43	RMW
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:43	RMW
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:43	RMW
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:43	RMW
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:43	RMW
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:43	RMW
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:43	RMW
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 15:43	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	61.0	40-140		2/25/20 15:43
o-Terphenyl (OTP)	69.4	40-140		2/25/20 15:43
2-Bromonaphthalene	64.0	40-140		2/25/20 15:43
2-Fluorobiphenyl	61.2	40-140		2/25/20 15:43

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: AP-1R | Sampled: 2/18/2020 13:15

Sample ID: 20B0825-07

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH
Arsenic	ND	0.80	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH
Barium	180	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH
Chromium	ND	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH
Copper	6.4	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH
Lead	ND	0.50	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/20/20	2/21/20 12:40	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH
Selenium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH
Silver	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH
Thallium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH
Zinc	ND	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:22	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: DUP | Sampled: 2/18/2020 00:00

Sample ID: 20B0825-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: DUP | Sampled: 2/18/2020 00:00

Sample ID: 20B0825-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Naphthalene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:17	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		2/21/20 18:17
Toluene-d8	97.3	70-130		2/21/20 18:17
4-Bromofluorobenzene	97.0	70-130		2/21/20 18:17

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: DUP | Sampled: 2/18/2020 00:00

Sample ID: 20B0825-08

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Acenaphthylene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:37	IMR
Aniline	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Benzo(a)anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:37	IMR
Benzo(a)pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:37	IMR
Benzo(b)fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:37	IMR
Benzo(g,h,i)perylene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:37	IMR
Benzo(k)fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:37	IMR
Bis(2-chloroethoxy)methane	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Bis(2-chloroethyl)ether	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Bis(2-chloroisopropyl)ether	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
4-Bromophenylphenylether	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Butylbenzylphthalate	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Carbazole	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
4-Chloroaniline	ND	9.7	µg/L	1	V-34	SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
4-Chloro-3-methylphenol	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
2-Chloronaphthalene	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
2-Chlorophenol	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
4-Chlorophenylphenylether	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Chrysene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:37	IMR
Dibenz(a,h)anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:37	IMR
Dibenzofuran	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Di-n-butylphthalate	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
3,3-Dichlorobenzidine	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
2,4-Dichlorophenol	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Diethylphthalate	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
2,4-Dimethylphenol	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Dimethylphthalate	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
4,6-Dinitro-2-methylphenol	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
2,4-Dinitrophenol	ND	9.7	µg/L	1	V-05	SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
2,4-Dinitrotoluene	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
2,6-Dinitrotoluene	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Di-n-octylphthalate	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: DUP | Sampled: 2/18/2020 00:00

Sample ID: 20B0825-08

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Hexachlorobenzene	ND	1.9	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Hexachlorobutadiene	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Hexachlorocyclopentadiene	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Hexachloroethane	ND	1.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Indeno(1,2,3-cd)pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:37	IMR
Isophorone	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
2-Methylnaphthalene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
2-Methylphenol	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
3/4-Methylphenol	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Naphthalene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
2-Nitroaniline	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
3-Nitroaniline	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
4-Nitroaniline	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Nitrobenzene	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
2-Nitrophenol	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
4-Nitrophenol	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
N-Nitrosodi-n-propylamine	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Pentachloronitrobenzene	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Pentachlorophenol	ND	9.7	µg/L	1	RL-03	SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Phenanthrene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 17:37	IMR
Phenol	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
Pyridine	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
1,2,4,5-Tetrachlorobenzene	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
1,2,4-Trichlorobenzene	ND	4.9	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
2,4,5-Trichlorophenol	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL
2,4,6-Trichlorophenol	ND	9.7	µg/L	1		SW-846 8270D-E	2/25/20	2/27/20 12:33	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
2-Fluorophenol	43.5	15-110		2/27/20 12:33	
Phenol-d6	30.1	15-110		2/27/20 12:33	
Nitrobenzene-d5	63.1	30-130		2/27/20 12:33	
2-Fluorobiphenyl	90.2	30-130		2/27/20 12:33	
2,4,6-Tribromophenol	82.6	15-110		2/27/20 12:33	
p-Terphenyl-d14	80.9	30-130		2/27/20 12:33	
o-Terphenyl (OTP)	58.3	30-130		2/25/20 17:37	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: DUP | Sampled: 2/18/2020 00:00

Sample ID: 20B0825-08

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.20	0.15	mg/L	1		CTDEP ETPH	2/25/20	2/27/20 11:57	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	74.6	50-150		2/27/20 11:57

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: DUP | Sampled: 2/18/2020 00:00

Sample ID: 20B0825-08

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:02	RMW
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:02	RMW
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:02	RMW
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:02	RMW
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:02	RMW
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:02	RMW
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:02	RMW
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:02	RMW
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:02	RMW
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:02	RMW
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:02	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	63.0	40-140		2/25/20 16:02
o-Terphenyl (OTP)	69.2	40-140		2/25/20 16:02
2-Bromonaphthalene	95.7	40-140		2/25/20 16:02
2-Fluorobiphenyl	90.4	40-140		2/25/20 16:02

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0825

Date Received: 2/19/2020

Field Sample #: DUP | Sampled: 2/18/2020 00:00

Sample ID: 20B0825-08

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH
Arsenic	1.2	0.80	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH
Barium	180	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH
Chromium	ND	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH
Copper	6.6	1.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH
Lead	ND	0.50	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/20/20	2/21/20 12:42	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH
Selenium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH
Silver	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH
Thallium	ND	0.20	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH
Zinc	ND	10	µg/L	1		SW-846 6020B	2/20/20	2/21/20 13:25	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3510C-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0825-02 [AP-12R]	B252921	990	1.00	02/25/20
20B0825-03 [AP-6R]	B252921	970	1.00	02/25/20
20B0825-04 [AP-101R]	B252921	1000	1.00	02/25/20
20B0825-05 [AP-11R]	B252921	980	1.00	02/25/20
20B0825-06 [AP-9R]	B252921	980	1.00	02/25/20
20B0825-07 [AP-1R]	B252921	1010	1.00	02/25/20
20B0825-08 [DUP]	B252921	1000	1.00	02/25/20

Prep Method: SW-846 3510C-MADEP-EPH-04-1.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0825-02 [AP-12R]	B252854	1000	2.00	02/24/20
20B0825-03 [AP-6R]	B252854	990	1.90	02/24/20
20B0825-04 [AP-101R]	B252854	990	1.90	02/24/20
20B0825-05 [AP-11R]	B252854	990	1.90	02/24/20
20B0825-06 [AP-9R]	B252854	1020	2.00	02/24/20
20B0825-07 [AP-1R]	B252854	1020	2.00	02/24/20
20B0825-08 [DUP]	B252854	1000	2.00	02/24/20

Prep Method: SW-846 3005A-SW-846 6020B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0825-02 [AP-12R]	B252717	50.0	50.0	02/20/20
20B0825-03 [AP-6R]	B252717	50.0	50.0	02/20/20
20B0825-04 [AP-101R]	B252717	50.0	50.0	02/20/20
20B0825-05 [AP-11R]	B252717	50.0	50.0	02/20/20
20B0825-06 [AP-9R]	B252717	50.0	50.0	02/20/20
20B0825-07 [AP-1R]	B252717	50.0	50.0	02/20/20
20B0825-08 [DUP]	B252717	50.0	50.0	02/20/20

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0825-02 [AP-12R]	B252665	6.00	6.00	02/20/20
20B0825-03 [AP-6R]	B252665	6.00	6.00	02/20/20
20B0825-04 [AP-101R]	B252665	6.00	6.00	02/20/20
20B0825-05 [AP-11R]	B252665	6.00	6.00	02/20/20
20B0825-06 [AP-9R]	B252665	6.00	6.00	02/20/20
20B0825-07 [AP-1R]	B252665	6.00	6.00	02/20/20
20B0825-08 [DUP]	B252665	6.00	6.00	02/20/20

Prep Method: SW-846 5030B-SW-846 8260C-D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0825-01 [TB 20200218]	B252673	5	5.00	02/20/20

Prep Method: SW-846 5030B-SW-846 8260C-D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C-D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0825-02 [AP-12R]	B252786	5	5.00	02/21/20
20B0825-03 [AP-6R]	B252786	5	5.00	02/21/20
20B0825-04 [AP-101R]	B252786	5	5.00	02/21/20
20B0825-05 [AP-11R]	B252786	5	5.00	02/21/20
20B0825-06 [AP-9R]	B252786	5	5.00	02/21/20
20B0825-07 [AP-1R]	B252786	5	5.00	02/21/20
20B0825-08 [DUP]	B252786	5	5.00	02/21/20

Prep Method: SW-846 3510C-SW-846 8270D-E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0825-02 [AP-12R]	B252936	970	1.00	02/25/20
20B0825-03 [AP-6R]	B252936	990	1.00	02/25/20
20B0825-04 [AP-101R]	B252936	965	1.00	02/25/20
20B0825-05 [AP-11R]	B252936	955	1.00	02/25/20
20B0825-06 [AP-9R]	B252936	990	1.00	02/25/20
20B0825-07 [AP-1R]	B252936	1000	1.00	02/25/20
20B0825-08 [DUP]	B252936	1030	1.00	02/25/20

Prep Method: SW-846 3510C-SW-846 8270D-E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0825-02 [AP-12R]	B252958	1000	1.00	02/24/20
20B0825-03 [AP-6R]	B252958	990	0.950	02/24/20
20B0825-04 [AP-101R]	B252958	990	0.950	02/24/20
20B0825-05 [AP-11R]	B252958	990	0.950	02/24/20
20B0825-06 [AP-9R]	B252958	1020	1.00	02/24/20
20B0825-07 [AP-1R]	B252958	1020	1.00	02/24/20
20B0825-08 [DUP]	B252958	1000	1.00	02/24/20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252673 - SW-846 5030B										
Blank (B252673-BLK1)				Prepared: 02/20/20 Analyzed: 02/21/20						
Acetone	ND	10	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	0.50	µg/L							
Bromomethane	ND	1.0	µg/L							
2-Butanone (MEK)	ND	5.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	0.60	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	0.50	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							L-03
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	5.0	µg/L							
Isopropylbenzene (Cumene)	ND	0.50	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							V-05
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252673 - SW-846 5030B										
Blank (B252673-BLK1)				Prepared: 02/20/20 Analyzed: 02/21/20						
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	1.0	µg/L							
1,2,4-Trichlorobenzene	ND	0.50	µg/L							
1,1,1-Trichloroethane	ND	0.50	µg/L							
1,1,2-Trichloroethane	ND	0.50	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	0.50	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L							
1,2,4-Trimethylbenzene	ND	0.50	µg/L							
1,3,5-Trimethylbenzene	ND	0.50	µg/L							
Vinyl Chloride	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*22.8*		µg/L	25.0		91.1	70-130			
Surrogate: Toluene-d8	*24.3*		µg/L	25.0		97.1	70-130			
Surrogate: 4-Bromofluorobenzene	*23.0*		µg/L	25.0		92.0	70-130			
LCS (B252673-BS1)				Prepared: 02/20/20 Analyzed: 02/21/20						
Acetone	169	10	µg/L	200		84.5	40-160			
Acrylonitrile	16.6	2.0	µg/L	20.0		83.0	70-130			
Benzene	14.7	0.50	µg/L	20.0		73.6	70-130			
Bromobenzene	17.9	0.50	µg/L	20.0		89.4	70-130			
Bromodichloromethane	17.9	0.50	µg/L	20.0		89.6	70-130			
Bromoform	17.6	0.50	µg/L	20.0		88.0	70-130			
Bromomethane	11.2	1.0	µg/L	20.0		56.0	40-160			
2-Butanone (MEK)	160	5.0	µg/L	200		80.1	40-160			
n-Butylbenzene	18.2	1.0	µg/L	20.0		91.1	70-130			
sec-Butylbenzene	18.5	1.0	µg/L	20.0		92.7	70-130			
tert-Butylbenzene	18.0	1.0	µg/L	20.0		90.0	70-130			
Carbon Disulfide	15.6	5.0	µg/L	20.0		78.1	70-130			
Carbon Tetrachloride	16.6	0.50	µg/L	20.0		82.8	70-130			
Chlorobenzene	17.6	0.50	µg/L	20.0		88.1	70-130			
Chlorodibromomethane	17.8	0.50	µg/L	20.0		89.0	40-160			
Chloroethane	15.6	0.50	µg/L	20.0		78.2	70-130			
Chloroform	15.2	0.50	µg/L	20.0		75.8	70-130			
Chloromethane	14.1	0.60	µg/L	20.0		70.4	40-160			
2-Chlorotoluene	17.0	0.50	µg/L	20.0		84.8	70-130			
4-Chlorotoluene	18.3	0.50	µg/L	20.0		91.4	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	16.5	1.0	µg/L	20.0		82.6	70-130			
1,2-Dibromoethane (EDB)	17.4	0.50	µg/L	20.0		87.2	70-130			
Dibromomethane	17.3	0.50	µg/L	20.0		86.6	70-130			
1,2-Dichlorobenzene	17.9	0.50	µg/L	20.0		89.4	70-130			
1,3-Dichlorobenzene	18.3	0.50	µg/L	20.0		91.7	70-130			
1,4-Dichlorobenzene	17.6	0.50	µg/L	20.0		87.8	70-130			
trans-1,4-Dichloro-2-butene	17.5	2.0	µg/L	20.0		87.5	70-130			V-36
Dichlorodifluoromethane (Freon 12)	14.8	0.50	µg/L	20.0		73.8	40-160			V-05
1,1-Dichloroethane	16.2	0.50	µg/L	20.0		80.8	70-130			
1,2-Dichloroethane	17.6	0.50	µg/L	20.0		88.2	70-130			
1,1-Dichloroethylene	15.8	0.50	µg/L	20.0		78.8	70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B252673 - SW-846 5030B											
LCS (B252673-BS1)				Prepared: 02/20/20 Analyzed: 02/21/20							
cis-1,2-Dichloroethylene	16.1	0.50	µg/L	20.0		80.7		70-130			
trans-1,2-Dichloroethylene	16.5	1.0	µg/L	20.0		82.6		70-130			
1,2-Dichloropropane	16.9	0.50	µg/L	20.0		84.4		70-130			
1,3-Dichloropropane	16.8	0.50	µg/L	20.0		84.2		70-130			
2,2-Dichloropropane	11.6	0.50	µg/L	20.0		**57.9**	*	70-130			L-03
1,1-Dichloropropene	15.6	0.50	µg/L	20.0		77.8		70-130			
cis-1,3-Dichloropropene	16.7	0.50	µg/L	20.0		83.7		70-130			
trans-1,3-Dichloropropene	17.1	0.50	µg/L	20.0		85.4		70-130			
Ethylbenzene	17.9	0.50	µg/L	20.0		89.4		70-130			
Hexachlorobutadiene	18.0	0.60	µg/L	20.0		89.8		40-160			
2-Hexanone (MBK)	197	5.0	µg/L	200		98.4		70-130			
Isopropylbenzene (Cumene)	18.2	0.50	µg/L	20.0		91.2		70-130			
p-Isopropyltoluene (p-Cymene)	18.0	0.50	µg/L	20.0		90.1		70-130			
Methyl tert-Butyl Ether (MTBE)	15.5	0.50	µg/L	20.0		77.4		70-130			V-05
Methylene Chloride	16.5	5.0	µg/L	20.0		82.3		70-130			
4-Methyl-2-pentanone (MIBK)	200	5.0	µg/L	200		100		40-160			
Naphthalene	14.8	2.0	µg/L	20.0		73.8		70-130			
n-Propylbenzene	18.2	1.0	µg/L	20.0		91.0		70-130			
Styrene	17.8	1.0	µg/L	20.0		89.2		70-130			
1,1,1,2-Tetrachloroethane	18.6	0.50	µg/L	20.0		93.0		70-130			
1,1,2,2-Tetrachloroethane	18.0	0.50	µg/L	20.0		90.1		70-130			
Tetrachloroethylene	17.8	1.0	µg/L	20.0		89.2		70-130			
Tetrahydrofuran	16.7	10	µg/L	20.0		83.3		70-130			
Toluene	17.2	1.0	µg/L	20.0		86.2		70-130			
1,2,3-Trichlorobenzene	17.2	1.0	µg/L	20.0		86.1		70-130			
1,2,4-Trichlorobenzene	17.7	0.50	µg/L	20.0		88.6		70-130			
1,1,1-Trichloroethane	16.4	0.50	µg/L	20.0		82.0		70-130			
1,1,2-Trichloroethane	17.4	0.50	µg/L	20.0		87.0		70-130			
Trichloroethylene	17.3	1.0	µg/L	20.0		86.4		70-130			
Trichlorofluoromethane (Freon 11)	15.0	2.0	µg/L	20.0		74.8		40-160			
1,2,3-Trichloropropane	17.2	0.50	µg/L	20.0		86.1		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	16.6	0.50	µg/L	20.0		82.8		70-130			
1,2,4-Trimethylbenzene	17.3	0.50	µg/L	20.0		86.7		70-130			
1,3,5-Trimethylbenzene	18.4	0.50	µg/L	20.0		92.0		70-130			
Vinyl Chloride	34.5	1.0	µg/L	20.0		**172**	*	70-130			L-01, V-20
m+p Xylene	35.8	2.0	µg/L	40.0		89.6		70-130			
o-Xylene	18.4	1.0	µg/L	20.0		91.8		70-130			
Surrogate: 1,2-Dichloroethane-d4	*24.0*		µg/L	25.0		96.1		70-130			
Surrogate: Toluene-d8	*24.7*		µg/L	25.0		98.6		70-130			
Surrogate: 4-Bromofluorobenzene	*24.3*		µg/L	25.0		97.3		70-130			
Batch B252786 - SW-846 5030B											
Blank (B252786-BLK1)				Prepared & Analyzed: 02/21/20							
Acetone	ND	10	µg/L								
Acrylonitrile	ND	2.0	µg/L								
Benzene	ND	0.50	µg/L								
Bromobenzene	ND	0.50	µg/L								
Bromodichloromethane	ND	0.50	µg/L								
Bromoform	ND	0.50	µg/L								
Bromomethane	ND	1.0	µg/L								
2-Butanone (MEK)	ND	5.0	µg/L								

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252786 - SW-846 5030B										
Blank (B252786-BLK1)				Prepared & Analyzed: 02/21/20						
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	0.60	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	0.50	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	5.0	µg/L							
Isopropylbenzene (Cumene)	ND	0.50	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L							
Naphthalene	ND	2.0	µg/L							L-03, V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	1.0	µg/L							L-03, V-05
1,2,4-Trichlorobenzene	ND	0.50	µg/L							L-03, V-05
1,1,1-Trichloroethane	ND	0.50	µg/L							
1,1,2-Trichloroethane	ND	0.50	µg/L							
Trichloroethylene	ND	1.0	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B252786 - SW-846 5030B											
Blank (B252786-BLK1)				Prepared & Analyzed: 02/21/20							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	0.50	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L								
1,2,4-Trimethylbenzene	ND	0.50	µg/L								
1,3,5-Trimethylbenzene	ND	0.50	µg/L								
Vinyl Chloride	ND	1.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103		70-130			
Surrogate: Toluene-d8	*24.7*		µg/L	25.0		98.7		70-130			
Surrogate: 4-Bromofluorobenzene	*23.8*		µg/L	25.0		95.0		70-130			
LCS (B252786-BS1)				Prepared & Analyzed: 02/21/20							
Acetone	93.5	10	µg/L	100		93.5		40-160			
Acrylonitrile	8.54	2.0	µg/L	10.0		85.4		70-130			
Benzene	10.1	0.50	µg/L	10.0		101		70-130			
Bromobenzene	9.82	0.50	µg/L	10.0		98.2		70-130			
Bromodichloromethane	11.2	0.50	µg/L	10.0		112		70-130			
Bromoform	10.6	0.50	µg/L	10.0		106		70-130			
Bromomethane	17.5	1.0	µg/L	10.0		**175**	*	40-160			L-01, V-20
2-Butanone (MEK)	83.3	5.0	µg/L	100		83.3		40-160			
n-Butylbenzene	9.99	1.0	µg/L	10.0		99.9		70-130			
sec-Butylbenzene	10.8	1.0	µg/L	10.0		108		70-130			
tert-Butylbenzene	10.8	1.0	µg/L	10.0		108		70-130			
Carbon Disulfide	114	5.0	µg/L	100		114		70-130			
Carbon Tetrachloride	11.6	0.50	µg/L	10.0		116		70-130			
Chlorobenzene	10.8	0.50	µg/L	10.0		108		70-130			
Chlorodibromomethane	11.2	0.50	µg/L	10.0		112		40-160			
Chloroethane	12.6	0.50	µg/L	10.0		126		70-130			V-20
Chloroform	10.6	0.50	µg/L	10.0		106		70-130			
Chloromethane	11.4	0.60	µg/L	10.0		114		40-160			
2-Chlorotoluene	10.1	0.50	µg/L	10.0		101		70-130			
4-Chlorotoluene	9.98	0.50	µg/L	10.0		99.8		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.69	1.0	µg/L	10.0		86.9		70-130			V-05
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0		106		70-130			
Dibromomethane	10.5	0.50	µg/L	10.0		105		70-130			
1,2-Dichlorobenzene	10.3	0.50	µg/L	10.0		103		70-130			
1,3-Dichlorobenzene	10.7	0.50	µg/L	10.0		107		70-130			
1,4-Dichlorobenzene	10.4	0.50	µg/L	10.0		104		70-130			
trans-1,4-Dichloro-2-butene	10.4	2.0	µg/L	10.0		104		70-130			
Dichlorodifluoromethane (Freon 12)	8.95	0.50	µg/L	10.0		89.5		40-160			
1,1-Dichloroethane	9.81	0.50	µg/L	10.0		98.1		70-130			
1,2-Dichloroethane	10.6	0.50	µg/L	10.0		106		70-130			
1,1-Dichloroethylene	11.8	0.50	µg/L	10.0		118		70-130			
cis-1,2-Dichloroethylene	10.1	0.50	µg/L	10.0		101		70-130			
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107		70-130			
1,2-Dichloropropane	9.92	0.50	µg/L	10.0		99.2		70-130			
1,3-Dichloropropane	10.1	0.50	µg/L	10.0		101		70-130			
2,2-Dichloropropane	10.6	0.50	µg/L	10.0		106		70-130			
1,1-Dichloropropene	10.7	0.50	µg/L	10.0		107		70-130			
cis-1,3-Dichloropropene	10.7	0.50	µg/L	10.0		107		70-130			
trans-1,3-Dichloropropene	10.3	0.50	µg/L	10.0		103		70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B252786 - SW-846 5030B											
LCS (B252786-BS1)				Prepared & Analyzed: 02/21/20							
Ethylbenzene	10.4	0.50	µg/L	10.0		104		70-130			
Hexachlorobutadiene	9.42	0.60	µg/L	10.0		94.2		40-160			
2-Hexanone (MBK)	84.1	5.0	µg/L	100		84.1		70-130			
Isopropylbenzene (Cumene)	10.8	0.50	µg/L	10.0		108		70-130			
p-Isopropyltoluene (p-Cymene)	10.3	0.50	µg/L	10.0		103		70-130			
Methyl tert-Butyl Ether (MTBE)	9.64	0.50	µg/L	10.0		96.4		70-130			
Methylene Chloride	11.2	5.0	µg/L	10.0		112		70-130			
4-Methyl-2-pentanone (MIBK)	80.5	5.0	µg/L	100		80.5		40-160			
Naphthalene	4.48	2.0	µg/L	10.0		**44.8**	*	70-130			L-03, V-05
n-Propylbenzene	10.3	1.0	µg/L	10.0		103		70-130			
Styrene	9.98	1.0	µg/L	10.0		99.8		70-130			
1,1,1,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110		70-130			
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.0		103		70-130			
Tetrachloroethylene	11.2	1.0	µg/L	10.0		112		70-130			
Tetrahydrofuran	8.29	10	µg/L	10.0		82.9		70-130			
Toluene	10.5	1.0	µg/L	10.0		105		70-130			
1,2,3-Trichlorobenzene	5.03	1.0	µg/L	10.0		**50.3**	*	70-130			L-03, V-05
1,2,4-Trichlorobenzene	6.62	0.50	µg/L	10.0		**66.2**	*	70-130			L-03, V-05
1,1,1-Trichloroethane	10.8	0.50	µg/L	10.0		108		70-130			
1,1,2-Trichloroethane	10.5	0.50	µg/L	10.0		105		70-130			
Trichloroethylene	10.7	1.0	µg/L	10.0		107		70-130			
Trichlorofluoromethane (Freon 11)	11.8	2.0	µg/L	10.0		118		40-160			
1,2,3-Trichloropropane	8.56	0.50	µg/L	10.0		85.6		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6	0.50	µg/L	10.0		116		70-130			
1,2,4-Trimethylbenzene	10.4	0.50	µg/L	10.0		104		70-130			
1,3,5-Trimethylbenzene	10.0	0.50	µg/L	10.0		100		70-130			
Vinyl Chloride	11.1	1.0	µg/L	10.0		111		70-130			
m+p Xylene	20.7	2.0	µg/L	20.0		104		70-130			
o-Xylene	10.6	1.0	µg/L	10.0		106		70-130			
Surrogate: 1,2-Dichloroethane-d4	*25.8*		µg/L	25.0		103		70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101		70-130			
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.5		70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252936 - SW-846 3510C										
Blank (B252936-BLK1)				Prepared: 02/25/20 Analyzed: 02/27/20						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							V-34
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							V-05
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	2.0	µg/L							RL-03
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	2.0	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							
2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B252936 - SW-846 3510C											
Blank (B252936-BLK1)				Prepared: 02/25/20 Analyzed: 02/27/20							
4-Nitrophenol	ND	10	µg/L								
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L								
N-Nitrosodi-n-propylamine	ND	10	µg/L								
Pentachloronitrobenzene	ND	10	µg/L								
Pentachlorophenol	ND	10	µg/L							RL-03	
Phenanthrene	ND	5.0	µg/L								
Phenol	ND	10	µg/L								
Pyrene	ND	5.0	µg/L								
Pyridine	ND	5.0	µg/L								
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L								
1,2,4-Trichlorobenzene	ND	5.0	µg/L								
2,4,5-Trichlorophenol	ND	10	µg/L								
2,4,6-Trichlorophenol	ND	10	µg/L								
Surrogate: 2-Fluorophenol	*94.1*		µg/L	200		47.0	15-110				
Surrogate: Phenol-d6	*66.8*		µg/L	200		33.4	15-110				
Surrogate: Nitrobenzene-d5	*63.1*		µg/L	100		63.1	30-130				
Surrogate: 2-Fluorobiphenyl	*90.9*		µg/L	100		90.9	30-130				
Surrogate: 2,4,6-Tribromophenol	*157*		µg/L	200		78.3	15-110				
Surrogate: p-Terphenyl-d14	*84.9*		µg/L	100		84.9	30-130				
LCS (B252936-BS1)				Prepared: 02/25/20 Analyzed: 02/27/20							
Acenaphthene	31.6	5.0	µg/L	50.0		63.2	40-140				
Acenaphthylene	32.0	5.0	µg/L	50.0		64.1	40-140				
Aniline	34.4	5.0	µg/L	50.0		68.8	40-140				†
Anthracene	36.0	5.0	µg/L	50.0		72.0	40-140				
Benzo(a)anthracene	34.4	5.0	µg/L	50.0		68.8	40-140				
Benzo(a)pyrene	34.2	5.0	µg/L	50.0		68.5	40-140				
Benzo(b)fluoranthene	33.6	5.0	µg/L	50.0		67.3	40-140				
Benzo(g,h,i)perylene	35.3	5.0	µg/L	50.0		70.7	40-140				
Benzo(k)fluoranthene	36.9	5.0	µg/L	50.0		73.8	40-140				
Bis(2-chloroethoxy)methane	32.0	10	µg/L	50.0		63.9	40-140				
Bis(2-chloroethyl)ether	29.3	10	µg/L	50.0		58.6	40-140				
Bis(2-chloroisopropyl)ether	32.8	10	µg/L	50.0		65.7	40-140				
Bis(2-Ethylhexyl)phthalate	32.2	10	µg/L	50.0		64.4	40-140				
4-Bromophenylphenylether	34.1	10	µg/L	50.0		68.2	40-140				
Butylbenzylphthalate	33.1	10	µg/L	50.0		66.3	40-140				
Carbazole	35.5	10	µg/L	50.0		71.1	40-140				
4-Chloroaniline	33.5	10	µg/L	50.0		67.0	40-140			V-34	†
4-Chloro-3-methylphenol	31.8	10	µg/L	50.0		63.5	30-130				
2-Chloronaphthalene	27.6	10	µg/L	50.0		55.1	40-140				
2-Chlorophenol	29.5	10	µg/L	50.0		58.9	30-130				
4-Chlorophenylphenylether	32.8	10	µg/L	50.0		65.5	40-140				
Chrysene	34.5	5.0	µg/L	50.0		69.0	40-140				
Dibenz(a,h)anthracene	33.8	5.0	µg/L	50.0		67.7	40-140				
Dibenzofuran	34.6	5.0	µg/L	50.0		69.3	40-140				
Di-n-butylphthalate	34.6	10	µg/L	50.0		69.1	40-140				
3,3-Dichlorobenzidine	37.4	10	µg/L	50.0		74.9	40-140				†
2,4-Dichlorophenol	32.9	10	µg/L	50.0		65.8	30-130				
Diethylphthalate	33.3	10	µg/L	50.0		66.7	40-140				
2,4-Dimethylphenol	33.8	10	µg/L	50.0		67.5	30-130				
Dimethylphthalate	33.4	10	µg/L	50.0		66.8	40-140				
4,6-Dinitro-2-methylphenol	28.3	10	µg/L	50.0		56.6	30-130				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252936 - SW-846 3510C										
LCS (B252936-BS1)				Prepared: 02/25/20 Analyzed: 02/27/20						
2,4-Dinitrophenol	25.0	10	µg/L	50.0		49.9	30-130			V-05
2,4-Dinitrotoluene	34.1	10	µg/L	50.0		68.3	40-140			
2,6-Dinitrotoluene	36.8	10	µg/L	50.0		73.6	40-140			
Di-n-octylphthalate	31.3	10	µg/L	50.0		62.6	40-140			
Fluoranthene	36.7	5.0	µg/L	50.0		73.5	40-140			
Fluorene	33.9	5.0	µg/L	50.0		67.8	40-140			
Hexachlorobenzene	34.4	10	µg/L	50.0		68.8	40-140			
Hexachlorobutadiene	28.0	10	µg/L	50.0		56.1	40-140			
Hexachlorocyclopentadiene	25.2	10	µg/L	50.0		50.4	30-140			
Hexachloroethane	25.6	10	µg/L	50.0		51.2	40-140			
Indeno(1,2,3-cd)pyrene	36.3	5.0	µg/L	50.0		72.6	40-140			
Isophorone	33.6	10	µg/L	50.0		67.2	40-140			
2-Methylnaphthalene	35.6	5.0	µg/L	50.0		71.3	40-140			
2-Methylphenol	26.8	10	µg/L	50.0		53.6	30-130			
3/4-Methylphenol	27.0	10	µg/L	50.0		53.9	30-130			
Naphthalene	30.8	5.0	µg/L	50.0		61.6	40-140			
2-Nitroaniline	38.5	10	µg/L	50.0		77.0	40-140			
3-Nitroaniline	35.8	10	µg/L	50.0		71.6	40-140			†
4-Nitroaniline	37.0	10	µg/L	50.0		73.9	40-140			
Nitrobenzene	30.2	10	µg/L	50.0		60.5	40-140			
2-Nitrophenol	27.9	10	µg/L	50.0		55.8	30-130			
4-Nitrophenol	17.9	10	µg/L	50.0		35.8	10-130			
N-Nitrosodiphenylamine/Diphenylamine	34.6	10	µg/L	50.0		69.2	40-140			
N-Nitrosodi-n-propylamine	29.8	10	µg/L	50.0		59.7	40-140			
Pentachloronitrobenzene	37.0	10	µg/L	50.0		74.0	40-140			
Pentachlorophenol	35.1	10	µg/L	50.0		70.3	30-130			
Phenanthrene	35.6	5.0	µg/L	50.0		71.3	40-140			
Phenol	14.9	10	µg/L	50.0		29.8	20-130			
Pyrene	34.6	5.0	µg/L	50.0		69.3	40-140			
Pyridine	16.2	5.0	µg/L	50.0		32.4	10-140			†
1,2,4,5-Tetrachlorobenzene	30.4	10	µg/L	50.0		60.9	40-140			
1,2,4-Trichlorobenzene	30.2	5.0	µg/L	50.0		60.4	40-140			
2,4,5-Trichlorophenol	32.7	10	µg/L	50.0		65.3	30-130			
2,4,6-Trichlorophenol	32.3	10	µg/L	50.0		64.5	30-130			
Surrogate: 2-Fluorophenol	*93.2*		µg/L	200		46.6	15-110			
Surrogate: Phenol-d6	*69.0*		µg/L	200		34.5	15-110			
Surrogate: Nitrobenzene-d5	*61.8*		µg/L	100		61.8	30-130			
Surrogate: 2-Fluorobiphenyl	*84.0*		µg/L	100		84.0	30-130			
Surrogate: 2,4,6-Tribromophenol	*155*		µg/L	200		77.3	15-110			
Surrogate: p-Terphenyl-d14	*76.9*		µg/L	100		76.9	30-130			
LCS Dup (B252936-BSD1)				Prepared: 02/25/20 Analyzed: 02/27/20						
Acenaphthene	32.3	5.0	µg/L	50.0		64.5	40-140	2.10	20	
Acenaphthylene	32.7	5.0	µg/L	50.0		65.5	40-140	2.13	20	
Aniline	36.9	5.0	µg/L	50.0		73.8	40-140	6.95	50	† ‡
Anthracene	34.4	5.0	µg/L	50.0		68.7	40-140	4.66	20	
Benzo(a)anthracene	34.0	5.0	µg/L	50.0		68.0	40-140	1.17	20	
Benzo(a)pyrene	33.3	5.0	µg/L	50.0		66.6	40-140	2.84	20	
Benzo(b)fluoranthene	33.5	5.0	µg/L	50.0		67.0	40-140	0.417	20	
Benzo(g,h,i)perylene	36.2	5.0	µg/L	50.0		72.4	40-140	2.40	20	
Benzo(k)fluoranthene	35.6	5.0	µg/L	50.0		71.3	40-140	3.45	20	
Bis(2-chloroethoxy)methane	33.0	10	µg/L	50.0		66.0	40-140	3.14	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B252936 - SW-846 3510C											
LCS Dup (B252936-BSD1)				Prepared: 02/25/20 Analyzed: 02/27/20							
Bis(2-chloroethyl)ether	30.8	10	µg/L	50.0		61.5	40-140	4.83	20		
Bis(2-chloroisopropyl)ether	35.1	10	µg/L	50.0		70.3	40-140	6.71	20		
Bis(2-Ethylhexyl)phthalate	30.9	10	µg/L	50.0		61.7	40-140	4.28	20		
4-Bromophenylphenylether	33.0	10	µg/L	50.0		66.0	40-140	3.28	20		
Butylbenzylphthalate	32.4	10	µg/L	50.0		64.7	40-140	2.41	20		
Carbazole	34.2	10	µg/L	50.0		68.4	40-140	3.87	20		
4-Chloroaniline	35.2	10	µg/L	50.0		70.3	40-140	4.78	20	V-34	†
4-Chloro-3-methylphenol	31.7	10	µg/L	50.0		63.4	30-130	0.158	20		
2-Chloronaphthalene	28.3	10	µg/L	50.0		56.6	40-140	2.65	20		
2-Chlorophenol	31.2	10	µg/L	50.0		62.4	30-130	5.74	20		
4-Chlorophenylphenylether	33.3	10	µg/L	50.0		66.6	40-140	1.69	20		
Chrysene	33.5	5.0	µg/L	50.0		66.9	40-140	3.06	20		
Dibenz(a,h)anthracene	34.1	5.0	µg/L	50.0		68.2	40-140	0.795	20		
Dibenzofuran	34.7	5.0	µg/L	50.0		69.4	40-140	0.173	20		
Di-n-butylphthalate	33.0	10	µg/L	50.0		66.1	40-140	4.47	20		
3,3-Dichlorobenzidine	36.5	10	µg/L	50.0		73.0	40-140	2.62	20		† ‡
2,4-Dichlorophenol	33.5	10	µg/L	50.0		67.1	30-130	1.84	20		
Diethylphthalate	33.2	10	µg/L	50.0		66.3	40-140	0.542	20		
2,4-Dimethylphenol	32.5	10	µg/L	50.0		65.0	30-130	3.80	20		
Dimethylphthalate	33.3	10	µg/L	50.0		66.5	40-140	0.390	50		
4,6-Dinitro-2-methylphenol	28.4	10	µg/L	50.0		56.7	30-130	0.141	50		
2,4-Dinitrophenol	25.2	10	µg/L	50.0		50.4	30-130	0.957	50	V-05	
2,4-Dinitrotoluene	33.8	10	µg/L	50.0		67.6	40-140	0.912	20		
2,6-Dinitrotoluene	36.3	10	µg/L	50.0		72.7	40-140	1.34	20		
Di-n-octylphthalate	31.2	10	µg/L	50.0		62.3	40-140	0.384	20		
Fluoranthene	35.3	5.0	µg/L	50.0		70.6	40-140	4.00	20		
Fluorene	33.9	5.0	µg/L	50.0		67.8	40-140	0.0295	20		
Hexachlorobenzene	33.1	10	µg/L	50.0		66.3	40-140	3.67	20		
Hexachlorobutadiene	29.5	10	µg/L	50.0		59.0	40-140	5.07	20		
Hexachlorocyclopentadiene	26.8	10	µg/L	50.0		53.6	30-140	6.31	50		
Hexachloroethane	28.1	10	µg/L	50.0		56.2	40-140	9.31	50		
Indeno(1,2,3-cd)pyrene	36.3	5.0	µg/L	50.0		72.6	40-140	0.110	50		
Isophorone	33.9	10	µg/L	50.0		67.8	40-140	1.01	20		
2-Methylnaphthalene	36.2	5.0	µg/L	50.0		72.5	40-140	1.67	20		
2-Methylphenol	28.6	10	µg/L	50.0		57.2	30-130	6.57	20		
3/4-Methylphenol	27.0	10	µg/L	50.0		54.1	30-130	0.333	20		
Naphthalene	31.6	5.0	µg/L	50.0		63.3	40-140	2.72	20		
2-Nitroaniline	39.3	10	µg/L	50.0		78.7	40-140	2.13	20		
3-Nitroaniline	35.4	10	µg/L	50.0		70.8	40-140	1.18	20		†
4-Nitroaniline	36.2	10	µg/L	50.0		72.3	40-140	2.22	20		
Nitrobenzene	31.0	10	µg/L	50.0		62.1	40-140	2.61	20		
2-Nitrophenol	29.7	10	µg/L	50.0		59.4	30-130	6.11	20		
4-Nitrophenol	16.7	10	µg/L	50.0		33.4	10-130	6.76	50		‡
N-Nitrosodiphenylamine/Diphenylamine	33.6	10	µg/L	50.0		67.3	40-140	2.75	20		
N-Nitrosodi-n-propylamine	31.8	10	µg/L	50.0		63.7	40-140	6.55	20		
Pentachloronitrobenzene	36.9	10	µg/L	50.0		73.8	40-140	0.271	20		
Pentachlorophenol	31.2	10	µg/L	50.0		62.4	30-130	11.8	50		
Phenanthrene	34.4	5.0	µg/L	50.0		68.7	40-140	3.60	20		
Phenol	15.0	10	µg/L	50.0		30.0	20-130	0.669	20		
Pyrene	33.7	5.0	µg/L	50.0		67.4	40-140	2.75	20		
Pyridine	17.1	5.0	µg/L	50.0		34.3	10-140	5.64	50		†
1,2,4,5-Tetrachlorobenzene	31.6	10	µg/L	50.0		63.2	40-140	3.71	20		

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252936 - SW-846 3510C										
LCS Dup (B252936-BSD1)				Prepared: 02/25/20 Analyzed: 02/27/20						
1,2,4-Trichlorobenzene	30.8	5.0	µg/L	50.0		61.6	40-140	2.00	20	
2,4,5-Trichlorophenol	32.1	10	µg/L	50.0		64.2	30-130	1.76	20	
2,4,6-Trichlorophenol	32.7	10	µg/L	50.0		65.4	30-130	1.42	50	
Surrogate: 2-Fluorophenol	*95.4*		µg/L	200		47.7	15-110			
Surrogate: Phenol-d6	*68.1*		µg/L	200		34.0	15-110			
Surrogate: Nitrobenzene-d5	*64.2*		µg/L	100		64.2	30-130			
Surrogate: 2-Fluorobiphenyl	*85.1*		µg/L	100		85.1	30-130			
Surrogate: 2,4,6-Tribromophenol	*151*		µg/L	200		75.3	15-110			
Surrogate: p-Terphenyl-d14	*72.4*		µg/L	100		72.4	30-130			
Batch B252958 - SW-846 3510C										
Blank (B252958-BLK1)				Prepared: 02/24/20 Analyzed: 02/25/20						
Acenaphthylene (SIM)	ND	0.20	µg/L							
Benzo(a)anthracene (SIM)	ND	0.050	µg/L							
Benzo(a)pyrene (SIM)	ND	0.10	µg/L							
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L							
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L							
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L							
Chrysene (SIM)	ND	0.10	µg/L							
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L							
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L							
Phenanthrene (SIM)	ND	0.050	µg/L							
Surrogate: o-Terphenyl (OTP)	*69.8*		µg/L	100		69.8	30-130			
LCS (B252958-BS1)				Prepared: 02/24/20 Analyzed: 02/25/20						
Acenaphthylene (SIM)	61.6	8.0	µg/L	100		61.6	40-140			
Benzo(a)anthracene (SIM)	70.5	2.0	µg/L	100		70.5	40-140			
Benzo(a)pyrene (SIM)	76.5	4.0	µg/L	100		76.5	40-140			
Benzo(b)fluoranthene (SIM)	74.3	2.0	µg/L	100		74.3	40-140			
Benzo(g,h,i)perylene (SIM)	71.4	4.0	µg/L	100		71.4	40-140			
Benzo(k)fluoranthene (SIM)	75.9	8.0	µg/L	100		75.9	40-140			
Chrysene (SIM)	73.7	4.0	µg/L	100		73.7	40-140			
Dibenz(a,h)anthracene (SIM)	79.4	4.0	µg/L	100		79.4	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	78.0	4.0	µg/L	100		78.0	40-140			
Phenanthrene (SIM)	70.2	2.0	µg/L	100		70.2	40-140			
Surrogate: o-Terphenyl (OTP)	*71.1*		µg/L	100		71.1	30-130			
LCS Dup (B252958-BSD1)				Prepared: 02/24/20 Analyzed: 02/25/20						
Acenaphthylene (SIM)	68.7	8.0	µg/L	100		68.7	40-140	10.9	20	
Benzo(a)anthracene (SIM)	69.3	2.0	µg/L	100		69.3	40-140	1.72	20	
Benzo(a)pyrene (SIM)	75.7	4.0	µg/L	100		75.7	40-140	1.10	20	
Benzo(b)fluoranthene (SIM)	73.0	2.0	µg/L	100		73.0	40-140	1.74	20	
Benzo(g,h,i)perylene (SIM)	70.8	4.0	µg/L	100		70.8	40-140	0.900	20	
Benzo(k)fluoranthene (SIM)	75.2	8.0	µg/L	100		75.2	40-140	0.953	20	
Chrysene (SIM)	73.4	4.0	µg/L	100		73.4	40-140	0.381	20	
Dibenz(a,h)anthracene (SIM)	78.7	4.0	µg/L	100		78.7	40-140	0.810	20	
Indeno(1,2,3-cd)pyrene (SIM)	77.0	4.0	µg/L	100		77.0	40-140	1.19	20	‡
Phenanthrene (SIM)	72.0	2.0	µg/L	100		72.0	40-140	2.48	20	
Surrogate: o-Terphenyl (OTP)	*71.4*		µg/L	100		71.4	30-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252921 - SW-846 3510C										
Blank (B252921-BLK1)				Prepared & Analyzed: 02/25/20						
CT ETPH	ND	0.15	mg/L							
Surrogate: 2-Fluorobiphenyl	*0.0832*		mg/L	0.100		83.2	50-150			
LCS (B252921-BS1)				Prepared & Analyzed: 02/25/20						
CT ETPH	0.672	0.15	mg/L	1.00		67.2	60-120			
Surrogate: 2-Fluorobiphenyl	*0.0718*		mg/L	0.100		71.8	50-150			
LCS Dup (B252921-BSD1)				Prepared & Analyzed: 02/25/20						
CT ETPH	0.657	0.15	mg/L	1.00		65.7	60-120	2.40	30	
Surrogate: 2-Fluorobiphenyl	*0.0712*		mg/L	0.100		71.2	50-150			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252854 - SW-846 3510C										
Blank (B252854-BLK1)				Prepared: 02/24/20 Analyzed: 02/25/20						
C9-C18 Aliphatics	ND	100	µg/L							
C19-C36 Aliphatics	ND	100	µg/L							
Unadjusted C11-C22 Aromatics	ND	100	µg/L							
C11-C22 Aromatics	ND	100	µg/L							
Acenaphthene	ND	2.0	µg/L							
Anthracene	ND	2.0	µg/L							
Fluoranthene	ND	2.0	µg/L							
Fluorene	ND	2.0	µg/L							
2-Methylnaphthalene	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
Pyrene	ND	2.0	µg/L							
Naphthalene-aliphatic fraction	ND	2.0	µg/L							
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L							
Surrogate: Chlorooctadecane (COD)	*69.0*		µg/L	100		69.0	40-140			
Surrogate: o-Terphenyl (OTP)	*80.5*		µg/L	100		80.5	40-140			
Surrogate: 2-Bromonaphthalene	*101*		µg/L	100		101	40-140			
Surrogate: 2-Fluorobiphenyl	*95.9*		µg/L	100		95.9	40-140			
LCS (B252854-BS1)				Prepared: 02/24/20 Analyzed: 02/25/20						
C9-C18 Aliphatics	449	100	µg/L	600		74.8	0-200			
C19-C36 Aliphatics	733	100	µg/L	800		91.7	0-200			
Unadjusted C11-C22 Aromatics	1370	100	µg/L	1700		80.8	0-200			
Acenaphthene	70.3	2.0	µg/L	100		70.3	40-140			
Anthracene	78.0	2.0	µg/L	100		78.0	40-140			
Fluoranthene	81.8	2.0	µg/L	100		81.8	40-140			
Fluorene	71.3	2.0	µg/L	100		71.3	40-140			
2-Methylnaphthalene	62.1	2.0	µg/L	100		62.1	40-140			
Naphthalene	57.1	2.0	µg/L	100		57.1	40-140			
Pyrene	82.6	2.0	µg/L	100		82.6	40-140			
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*72.5*		µg/L	100		72.5	40-140			
Surrogate: o-Terphenyl (OTP)	*78.2*		µg/L	100		78.2	40-140			
Surrogate: 2-Bromonaphthalene	*96.8*		µg/L	100		96.8	40-140			
Surrogate: 2-Fluorobiphenyl	*94.7*		µg/L	100		94.7	40-140			
LCS Dup (B252854-BSD1)				Prepared: 02/24/20 Analyzed: 02/25/20						
C9-C18 Aliphatics	461	100	µg/L	600		76.9	0-200	2.78		
C19-C36 Aliphatics	707	100	µg/L	800		88.4	0-200	3.69		
Unadjusted C11-C22 Aromatics	1460	100	µg/L	1700		86.0	0-200	6.21		
Acenaphthene	79.4	2.0	µg/L	100		79.4	40-140	12.1	25	
Anthracene	81.8	2.0	µg/L	100		81.8	40-140	4.78	25	
Fluoranthene	84.1	2.0	µg/L	100		84.1	40-140	2.69	25	
Fluorene	79.2	2.0	µg/L	100		79.2	40-140	10.5	25	
2-Methylnaphthalene	73.1	2.0	µg/L	100		73.1	40-140	16.2	25	
Naphthalene	69.7	2.0	µg/L	100		69.7	40-140	19.9	25	
Pyrene	84.8	2.0	µg/L	100		84.8	40-140	2.59	25	
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*69.9*		µg/L	100		69.9	40-140			
Surrogate: o-Terphenyl (OTP)	*82.3*		µg/L	100		82.3	40-140			
Surrogate: 2-Bromonaphthalene	*96.2*		µg/L	100		96.2	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252854 - SW-846 3510C										
LCS Dup (B252854-BSD1)				Prepared: 02/24/20 Analyzed: 02/25/20						
Surrogate: 2-Fluorobiphenyl	*91.9*		µg/L	100		91.9	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252665 - SW-846 7470A Prep										
Blank (B252665-BLK1)				Prepared: 02/20/20 Analyzed: 02/21/20						
Mercury	ND	0.00010	mg/L							
LCS (B252665-BS1)				Prepared: 02/20/20 Analyzed: 02/21/20						
Mercury	0.00403	0.00010	mg/L	0.00400		101	80-120			
LCS Dup (B252665-BSD1)				Prepared: 02/20/20 Analyzed: 02/21/20						
Mercury	0.00421	0.00010	mg/L	0.00400		105	80-120	4.32	20	
Duplicate (B252665-DUP1)		**Source: 20B0825-02**		Prepared: 02/20/20 Analyzed: 02/21/20						
Mercury	ND	0.00010	mg/L		ND			NC	20	
Matrix Spike (B252665-MS1)		**Source: 20B0825-02**		Prepared: 02/20/20 Analyzed: 02/21/20						
Mercury	0.00392	0.00010	mg/L	0.00400	ND	97.9	75-125			
Batch B252717 - SW-846 3005A										
Blank (B252717-BLK1)				Prepared: 02/20/20 Analyzed: 02/21/20						
Antimony	ND	1.0	µg/L							
Arsenic	ND	0.80	µg/L							
Barium	ND	10	µg/L							
Beryllium	ND	0.40	µg/L							
Cadmium	ND	0.20	µg/L							
Chromium	ND	1.0	µg/L							
Copper	ND	1.0	µg/L							
Lead	ND	0.50	µg/L							
Nickel	ND	5.0	µg/L							
Selenium	ND	5.0	µg/L							
Silver	ND	0.20	µg/L							
Thallium	ND	0.20	µg/L							
Vanadium	ND	5.0	µg/L							
Zinc	ND	10	µg/L							
LCS (B252717-BS1)				Prepared: 02/20/20 Analyzed: 02/21/20						
Antimony	488	10	µg/L	500		97.6	80-120			
Arsenic	510	8.0	µg/L	500		102	80-120			
Barium	519	100	µg/L	500		104	80-120			
Beryllium	511	4.0	µg/L	500		102	80-120			
Cadmium	504	2.0	µg/L	500		101	80-120			
Chromium	506	10	µg/L	500		101	80-120			
Copper	946	10	µg/L	1000		94.6	80-120			
Lead	502	5.0	µg/L	500		100	80-120			
Nickel	491	50	µg/L	500		98.3	80-120			
Selenium	503	50	µg/L	500		101	80-120			
Silver	485	2.0	µg/L	500		97.1	80-120			
Thallium	485	2.0	µg/L	500		97.0	80-120			
Vanadium	523	50	µg/L	500		105	80-120			
Zinc	986	100	µg/L	1000		98.6	80-120			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252717 - SW-846 3005A										
LCS Dup (B252717-BSD1)				Prepared: 02/20/20 Analyzed: 02/21/20						
Antimony	501	10	µg/L	500		100	80-120	2.74	20	
Arsenic	527	8.0	µg/L	500		105	80-120	3.15	20	
Barium	531	100	µg/L	500		106	80-120	2.20	20	
Beryllium	521	4.0	µg/L	500		104	80-120	1.91	20	
Cadmium	525	2.0	µg/L	500		105	80-120	4.03	20	
Chromium	513	10	µg/L	500		103	80-120	1.33	20	
Copper	964	10	µg/L	1000		96.4	80-120	1.95	20	
Lead	504	5.0	µg/L	500		101	80-120	0.372	20	
Nickel	503	50	µg/L	500		101	80-120	2.33	20	
Selenium	518	50	µg/L	500		104	80-120	2.84	20	
Silver	500	2.0	µg/L	500		100	80-120	3.03	20	
Thallium	482	2.0	µg/L	500		96.3	80-120	0.734	20	
Vanadium	532	50	µg/L	500		106	80-120	1.65	20	
Zinc	1020	100	µg/L	1000		102	80-120	3.46	20	
Duplicate (B252717-DUP1)	**Source: 20B0825-02**			Prepared: 02/20/20 Analyzed: 02/21/20						
Antimony	ND	1.0	µg/L		ND			NC	20	
Arsenic	1.32	0.80	µg/L		1.00			**27.1** *	20	R-04
Barium	71.3	10	µg/L		71.6			0.475	20	
Beryllium	ND	0.40	µg/L		ND			NC	20	
Cadmium	ND	0.20	µg/L		ND			NC	20	
Chromium	ND	1.0	µg/L		ND			NC	20	
Copper	6.28	1.0	µg/L		6.34			0.930	20	
Lead	ND	0.50	µg/L		ND			NC	20	
Nickel	ND	5.0	µg/L		ND			NC	20	
Selenium	ND	5.0	µg/L		ND			NC	20	
Silver	ND	0.20	µg/L		ND			NC	20	
Thallium	ND	0.20	µg/L		ND			NC	20	
Vanadium	ND	5.0	µg/L		ND			NC	20	
Zinc	118	10	µg/L		118			0.165	20	
Matrix Spike (B252717-MS1)	**Source: 20B0825-02**			Prepared: 02/20/20 Analyzed: 02/21/20						
Antimony	500	10	µg/L	500	ND	99.9	75-125			
Arsenic	527	8.0	µg/L	500	ND	105	75-125			
Barium	590	100	µg/L	500	71.6	104	75-125			
Beryllium	530	4.0	µg/L	500	ND	106	75-125			
Cadmium	516	2.0	µg/L	500	ND	103	75-125			
Chromium	515	10	µg/L	500	ND	103	75-125			
Copper	980	10	µg/L	1000	ND	98.0	75-125			
Lead	504	5.0	µg/L	500	ND	101	75-125			
Nickel	504	50	µg/L	500	ND	101	75-125			
Selenium	516	50	µg/L	500	ND	103	75-125			
Silver	389	2.0	µg/L	500	ND	77.8	75-125			
Thallium	481	2.0	µg/L	500	ND	96.2	75-125			
Vanadium	539	50	µg/L	500	ND	108	75-125			
Zinc	1150	100	µg/L	1000	118	103	75-125			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-01	Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
R-04	Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).
RL-03	Elevated reporting limit based on lowest point in calibration. Requested reporting limit not met.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.
V-36	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
CTDEP ETPH in Water	
CT ETPH	CT
MADEP-EPH-04-1.1 in Water	
C9-C18 Aliphatics	CT,NC,ME,NH-P
C19-C36 Aliphatics	CT,NC,ME,NH-P
Unadjusted C11-C22 Aromatics	CT,NC,ME,NH-P
C11-C22 Aromatics	CT,NC,ME,NH-P
Acenaphthene	CT,NC,ME,NH-P
Acenaphthylene	CT,NC,ME,NH-P
Anthracene	CT,NC,ME,NH-P
Benzo(a)anthracene	CT,NC,ME,NH-P
Benzo(a)pyrene	CT,NC,ME,NH-P
Benzo(b)fluoranthene	CT,NC,ME,NH-P
Benzo(g,h,i)perylene	CT,NC,ME,NH-P
Benzo(k)fluoranthene	CT,NC,ME,NH-P
Chrysene	CT,NC,ME,NH-P
Dibenz(a,h)anthracene	CT,NC,ME,NH-P
Fluoranthene	CT,NC,ME,NH-P
Fluorene	CT,NC,ME
Indeno(1,2,3-cd)pyrene	CT,NC,ME,NH-P
2-Methylnaphthalene	CT,NC
Naphthalene	CT,NC,ME,NH-P
Phenanthrene	CT,NC,ME,NH-P
Pyrene	CT,NC,ME,NH-P
SW-846 6020B in Water	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,RI,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8260C-D in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
Benzene	CT,NH,NY,ME
Bromobenzene	NY
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromoethane (EDB)	NY
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	NH,NY,ME
o-Xylene	NH,NY,ME
SW-846 8270D-E in Water	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Aniline	CT,NY
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY
1,3-Dichlorobenzene	NY
1,4-Dichlorobenzene	NY

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D-E in Water	
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4,5-Tetrachlorobenzene	NY
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2020
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2020
FL	Florida Department of Health	E871027 NELAP	06/30/2020
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2020
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2020
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 1 of 1

RJM 20B0825

Company Name: Apex Companies LLC
Address: 58 H Connecticut Ave
Phone: 860 - 282-1700
Project Name: Eversource Energy - Wethersfield
Project Location: Wethersfield, CT
Project Number: 6084-015
Project Manager: Donna Kask
Con-Test Quote Name/Number: 6084-015
Invoice Recipient: Apex Companies LLC
Sampled By: ML/JS

Requested Turnaround Time
7-Day ☑ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date:

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Dissolved Metals Samples
● Field Filtered
○ Lab to Filter

Ortho-Phosphate Samples
○ Field Filtered
○ Lab to Filter

Data Delivery
Format: PDF ☑ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: dKask@apexcos.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	VOCs 8260	ETPH	SVOCs	EPH	Total RSR metals (unfiltered)	Dissolved RSR metals
1	TB2020 0218	2/18/20	8:00	—		L	3					X					
2	AP-12R	2/18/20	8:00	Grab	GW	U	3	6	2			X	X	X	X	X	X
3	AP-6R	2/18/20	9:10	Grab	GW	U	3	6	2			X	X	X	X	X	X
4	AP-101R	2/18/20	10:45	Grab	GW	U	3	6	2			X	X	X	X	X	X
5	AP-11R	2/18/20	10:50	Grab	GW	U	3	6	2			X	X	X	X	X	X
6	AP-9R	2/18/20	1:20	Grab	GW	U	3	6	2			X	X	X	X	X	X
7	AP-1R	2/18/20	13:15	Grab	GW	U	3	6	2			X	X	X	X	X	X
8	DUP	2/18/20	—	Grab	GW	U	3	6	2			X	X	X	X	X	X

Relinquished by: (signature) — Date/Time: 2/18/20 3:30
Received by: (signature) Jennifer Fradise — Date/Time: 2/18/20 3:36
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time: 2/19/20 1245
Relinquished by: (signature) — Date/Time: 2/19/20 834
Received by: (signature) 3.7 4.9 5.2 3.5 — Date/Time: 14341 2-19-2020
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:

Client Comments:
*Hold dissolved CT RSR metals *

Detection Limit Requirements
MA: —
CT: CT RSR GA, SVOC, RLC, ILC, VLC
Other:

Special Requirements
☐ MA MCP Required
☐ MCP Certification Form Required
☑ CT RCP Required
☐ RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

[2] Preservation Code
Courier Use Only
Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con Test values your partnership on each project and will try to assist with missing information, but will not b held accountable.

Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Apex

Received By CR Date 2-19 2020 Time 1134

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____
Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 3.7, 5.2, 3.5, 4.9
By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? _____
Are there Rushes? F Who was notified? _____
Are there Short Holds? F Who was notified? _____
Is there enough Volume? T
Is there Headspace where applicable? F MS/MSD? F
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? T On COC? T
Do all samples have the proper pH? Acid T Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	42	1 Liter Plastic		16 oz Amb.	
HCL-	24	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic	14	4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

C:\MSDCHEM\2\DATA\B022520.SEC\B0225007.D

CT ETPH Discrimination Check

Data File Name B0225007.D
Data File Path C:\MSDCHEM\2\DATA\B022520.SEC\
Operator RMW
Date Acquired 2/25/1920 12:03
Acq. Method File EPH04.M
Sample Name ETPH 1500
Instrument Name GCFID2

Name	Ret Time	Target Response	Average Response	*%D+/-20
n-Nonane	1.67	7023883	7922204	11
n-Decane	2.30	7245469	7922204	9
n-Dodecane	3.22	7531607	7922204	5
n-Tetradecane	3.93	7768560	7922204	2
n-Hexadecane	4.53	7885194	7922204	0
n-Octadecane	5.08	8050271	7922204	-2
n-Eicosane	5.67	8100000	7922204	-2
n-Docosane	6.41	8137302	7922204	-3
n-Tetracosane	7.24	8224875	7922204	-4
n-Hexacosane	8.04	8181643	7922204	-3
n-Octacosane	8.78	8265735	7922204	-4
n-Triacontane	9.46	8230258	7922204	-4
n-Dotriacontane	10.09	8128095	7922204	-3
n-Tetratriacontane	10.68	8124834	7922204	-3
n-Hexatriacontane	11.25	7935331	7922204	0

Samples

20B0825-02
20B0825-03
20B0825-04
20B0825-05
20B0859-02

*One compound allowed %D</=50

C:\MSDCHEM\4\DATA\D022720.SEC\D0227007.D

CT ETPH DISCRIMINATION CHECK

Data File Name D0227007.D
Data File Path C:\MSDCHEM\4\DATA\D022720.SEC\
Operator RMW
Date Acquired 2/27/1920 9:59
Acq. Method File EPH11D.M
Sample Name ETPH 1500
Instrument Name GCFID4

Name	Ret Time	Target Response	Average Response	*%D+/-20
C-9	1.57	9159177	10636643	14
C-10	2.24	9451393	10636643	11
C-12	3.19	9897955	10636643	7
C-14	3.90	10318115	10636643	3
C-16	4.51	10642762	10636643	0
C-18	5.05	10982668	10636643	-3
C-20	5.65	11098874	10636643	-4
C-22	6.38	11190866	10636643	-5
C-24	7.22	11300923	10636643	-6
C-26	8.02	11208238	10636643	-5
C-28	8.77	11219227	10636643	-5
C-30	9.45	11039645	10636643	-4
C-32	10.08	10784507	10636643	-1
C-34	10.68	10730019	10636643	-1
C-36	11.25	10525278	10636643	1

Samples
20B0825-06
20B0825-07
20B0825-08

*One compound allowed %D</=50%

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Apex Companies, LLC - South Windsor, C

Project Location: Wethersfield, CT

Project Number: 20B0825

Laboratory Sample ID(s):
20B0825-01 thru 20B0825-08

Sample Date(s):
02/18/2020

List RCP Methods Used:

CTDEP ETPH, MADEP-EPH-04-1.1, SW-846 6020B, SW-846 7470A, SW-846 8260C-D, SW-846 8270D-E

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

Lisa A. Worthington

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** Technical Representative

Printed Name: Lisa A. Worthington **Date:** 02/28/20

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

March 10, 2020

Donna L. Kask
Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074

Project Location: Wethersfield, CT
Client Job Number:
Project Number: 6089-015
Laboratory Work Order Number: 20C0302

Enclosed are results of analyses for samples received by the laboratory on March 6, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 5

20C0302-01 5

20C0302-02 6

Sample Preparation Information 7

QC Data 8

Metals Analyses (Dissolved) 8

B253811 8

Flag/Qualifier Summary 9

Certifications 10

Chain of Custody/Sample Receipt 11

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074
ATTN: Donna L. Kask

REPORT DATE: 3/10/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 6089-015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20C0302

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wethersfield, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
AP-15R-BR	20C0302-01	Ground Water		SW-846 6020B	
AP-2R	20C0302-02	Ground Water		SW-846 6020B	

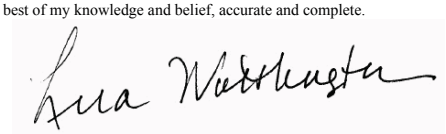
con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 6020 only a select list was requested and reported.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20C0302

Date Received: 3/6/2020

Field Sample #: AP-15R-BR | Sampled: 2/19/2020 08:50

Sample ID: 20C0302-01

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.0	0.80	µg/L	1		SW-846 6020B	3/9/20	3/9/20 16:51	MJH
Zinc	500	10	µg/L	1		SW-846 6020B	3/9/20	3/10/20 10:00	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20C0302

Date Received: 3/6/2020

Field Sample #: AP-2R | Sampled: 2/19/2020 08:45

Sample ID: 20C0302-02

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Zinc	170	10	µg/L	1		SW-846 6020B	3/9/20	3/10/20 10:03	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3005A Dissolved **Analytical Method: SW-846 6020B**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20C0302-01 [AP-15R-BR]	B253811	50.0	50.0	03/09/20
20C0302-02 [AP-2R]	B253811	50.0	50.0	03/09/20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B253811 - SW-846 3005A Dissolved										
Blank (B253811-BLK1)				Prepared & Analyzed: 03/09/20						
Arsenic	ND	0.80	µg/L							
Zinc	ND	10	µg/L							
LCS (B253811-BS1)				Prepared & Analyzed: 03/09/20						
Arsenic	534	8.0	µg/L	500		107	80-120			
Zinc	1090	100	µg/L	1000		109	80-120			
LCS Dup (B253811-BSD1)				Prepared & Analyzed: 03/09/20						
Arsenic	561	8.0	µg/L	500		112	80-120	4.81	20	
Zinc	1040	100	µg/L	1000		104	80-120	5.04	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

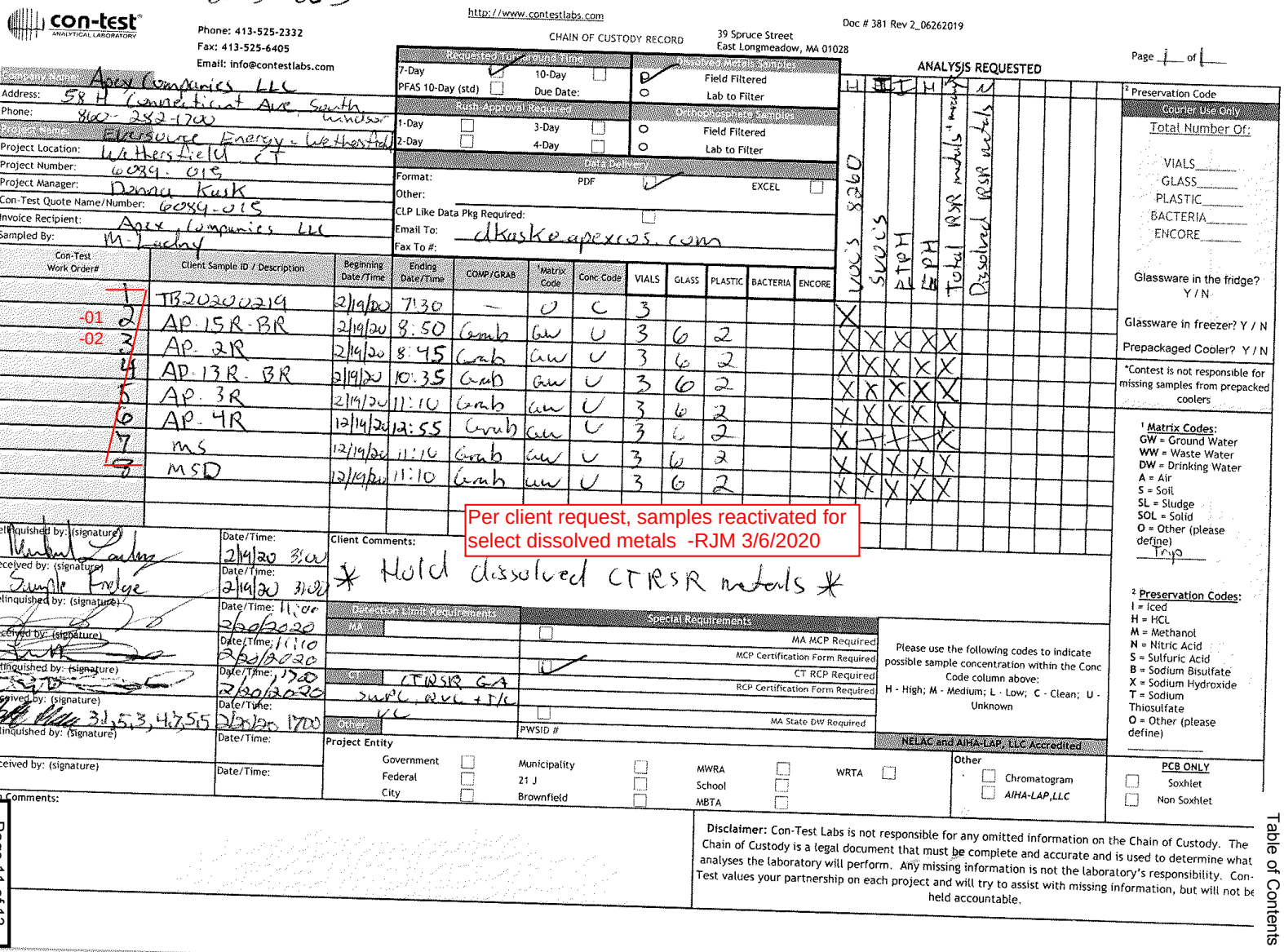
Analyte	Certifications
SW-846 6020B in Water	
Arsenic	CT,NH,NY,NC,ME,VA
Zinc	CT,NH,NY,NC,ME,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2020
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2020
FL	Florida Department of Health	E871027 NELAP	06/30/2020
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2020
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2020
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

RSM

~~20B0883~~ 20C0302



con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
http://www.contestlabs.com
CHAIN OF CUSTODY RECORD
39 Spruce Street
East Longmeadow, MA 01028
Doc # 381 Rev 2_06262019
Page 1 of 1

Company Name: Apex Companies LLC
Address: 58 Connecticut Ave, South Windsor
Phone: 860-282-1700
Project Name: Eversource Energy - Wethersfield
Project Location: Wethersfield, CT
Project Number: 6084-015
Project Manager: Donna Kusk
Con-Test Quote Name/Number: 6084-015
Invoice Recipient: Apex Companies LLC
Sampled By: M. Lachay

Requested Turnaround Time: 7-Day ✓ 10-Day ☐ PFAS 10-Day (std) ☐ Due Date:
Rush Approval Required: 1-Day ☐ 3-Day ☐ 2-Day ☐ 4-Day ☐
Data Delivery: Format: PDF ✓ EXCEL ☐ Other: CLP Like Data Pkg Required: ☐ Email To: dkusk@apexcos.com Fax To #:
Dissolved Metals Samples: ● Field Filtered ○ Lab to Filter
Orthophosphate Samples: ○ Field Filtered ○ Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#		Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	VOC's 8260	SVOC's	ALTPH	EPH	Total RSR metals [4 metals]	Dissolved RSR metals
	1	TB20200219	2/19/20	7:30	—	U	C	3					X					
-01	2	AP-15R-BR	2/19/20	8:50	Grab	GW	U	3	6	2			X	X	X	X	X	
-02	3	AP-2R	2/19/20	8:45	Grab	GW	U	3	6	2			X	X	X	X	X	
	4	AP-13R-BR	2/19/20	10:35	Grab	GW	U	3	6	2			X	X	X	X	X	
	5	AP-3R	2/19/20	11:10	Grab	GW	U	3	6	2			X	X	X	X	X	
	6	AP-4R	12/14/20	12:55	Grab	GW	U	3	6	2			X	X	X	X	X	
	7	MS	12/19/20	11:10	Grab	GW	U	3	6	2			X	X	X	X	X	
	8	MSD	12/19/20	11:10	Grab	GW	U	3	6	2			X	X	X	X	X	

Per client request, samples reactivated for select dissolved metals -RJM 3/6/2020

Client Comments: * Hold dissolved CTRSR metals *

Relinquished by: (signature)	Date/Time:
	2/19/20 3:00
Received by: (signature)	Date/Time:
	2/19/20 3:00
Relinquished by: (signature)	Date/Time:
	2/20/2020 1100
Received by: (signature)	Date/Time:
	2/20/2020 1110
Relinquished by: (signature)	Date/Time:
	2/20/2020 1700
Received by: (signature)	Date/Time:
	2/20/20 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Lab Comments:

Detection Limit Requirements: RT; CT RSR GA; Other

Special Requirements: ☐ MA MCP Required; ☐ MCP Certification Form Required; ✓ CT RCP Required; ☐ RCP Certification Form Required; ☐ MA State DW Required; PWSID #

Project Entity: Government ☐ Municipality ☐ MWRA ☐ WRTA ☐; Federal ☐ 21 J ☐ School ☐; City ☐ Brownfield ☐ MBTA ☐

Please use the following codes to indicate possible sample concentration within the Conc Code column above: H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Other: ☐ Chromatogram ☐ AIHA-LAP,LLC

PCB ONLY: ☐ Soxhlet ☐ Non Soxhlet

[2] Preservation Code

Courier Use Only
Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define) Trip

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Apex

Received By [signature] Date 2/20/20 Time 1700

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 3.1, 5.3, 4.7, 5.5

By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? n/a Were Samples Tampered with? n/a

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T

Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? T MS/MSD? [signature] F T

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? T On COC? T

Do all samples have the proper pH? Acid pH<2 Base n/a

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	42	1 Liter Plastic		16 oz Amb.	
HCL-	24	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic	14	4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

MS, MSD samples have matching time with sample AP.3R.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Apex Companies, LLC - South Windsor, C

Project Location: Wethersfield, CT

Project Number: 20C0302

Laboratory Sample ID(s):
20C0302-01 thru 20C0302-02

Sample Date(s):
02/19/2020

List RCP Methods Used:
SW-846 6020B

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

Lisa A. Worthington

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Technical Representative**

Printed Name: **Lisa A. Worthington** **Date:** **03/10/20**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

March 2, 2020

Donna L. Kask
Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074

Project Location: Wethersfield, CT
Client Job Number:
Project Number: 6089-015
Laboratory Work Order Number: 20B0883

Enclosed are results of analyses for samples received by the laboratory on February 20, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
Project Manager

Table of Contents

Sample Summary 4
Case Narrative 5
Sample Results 9
20B0883-01 9
20B0883-02 11
20B0883-03 18
20B0883-04 25
20B0883-05 32
20B0883-06 39
Sample Preparation Information 46
QC Data 48
Volatile Organic Compounds by GC/MS 48
B252786 48
Semivolatile Organic Compounds by GC/MS 54
B252958 54
B253010 55
Petroleum Hydrocarbons Analyses 62
B253011 62
Petroleum Hydrocarbons Analyses - EPH 63
B252854 63
Metals Analyses (Total) 65
B252828 65
B252867 66
Flag/Qualifier Summary 68
Certifications 69

Table of Contents (continued)

Chain of Custody/Sample Receipt 73

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074
ATTN: Donna L. Kask

REPORT DATE: 3/2/2020
PURCHASE ORDER NUMBER:
PROJECT NUMBER: 6089-015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20B0883

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wethersfield, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB 20200219	20B0883-01	Trip Blank Water		SW-846 8260C-D	
AP-15R-BR	20B0883-02	Ground Water		CTDEP ETPH	
				MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-2R	20B0883-03	Ground Water		CTDEP ETPH	
				MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-13R-BR	20B0883-04	Ground Water		CTDEP ETPH	
				MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-3R	20B0883-05	Ground Water		CTDEP ETPH	
				MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-4R	20B0883-06	Ground Water		CTDEP ETPH	
				MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 8270, only a select list of PAHs was analyzed and reported in order to achieve lower detection limits than possible with EPH analysis

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C-D

Qualifications:

L-01

Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

Bromomethane
B252786-BS1

L-03

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene
20B0883-01[TB 20200219], 20B0883-02[AP-15R-BR], 20B0883-03[AP-2R], 20B0883-04[AP-13R-BR], 20B0883-05[AP-3R], 20B0883-06[AP-4R], B252786-BLK1, B252786-BS1
1,2,4-Trichlorobenzene
20B0883-01[TB 20200219], 20B0883-02[AP-15R-BR], 20B0883-03[AP-2R], 20B0883-04[AP-13R-BR], 20B0883-05[AP-3R], 20B0883-06[AP-4R], B252786-BLK1, B252786-BS1
Naphthalene
20B0883-01[TB 20200219], 20B0883-02[AP-15R-BR], 20B0883-03[AP-2R], 20B0883-04[AP-13R-BR], 20B0883-05[AP-3R], 20B0883-06[AP-4R], B252786-BLK1, B252786-BS1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene
B252786-MS1, B252786-MSD1

1,2,4-Trichlorobenzene
B252786-MS1, B252786-MSD1

Naphthalene
B252786-MS1, B252786-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DB
B252786-MS1

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene
20B0883-01[TB 20200219], 20B0883-02[AP-15R-BR], 20B0883-03[AP-2R], 20B0883-04[AP-13R-BR], 20B0883-05[AP-3R], 20B0883-06[AP-4R], B252786-BLK1, B252786-BS1, S045911-CCV1
1,2,4-Trichlorobenzene
20B0883-01[TB 20200219], 20B0883-02[AP-15R-BR], 20B0883-03[AP-2R], 20B0883-04[AP-13R-BR], 20B0883-05[AP-3R], 20B0883-06[AP-4R], B252786-BLK1, B252786-BS1, S045911-CCV1
1,2-Dibromo-3-chloropropane (DB
20B0883-01[TB 20200219], 20B0883-02[AP-15R-BR], 20B0883-03[AP-2R], 20B0883-04[AP-13R-BR], 20B0883-05[AP-3R], 20B0883-06[AP-4R], B252786-BLK1, B252786-BS1, S045911-CCV1
Naphthalene
20B0883-01[TB 20200219], 20B0883-02[AP-15R-BR], 20B0883-03[AP-2R], 20B0883-04[AP-13R-BR], 20B0883-05[AP-3R], 20B0883-06[AP-4R], B252786-BLK1, B252786-BS1, S045911-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane
B252786-BS1, S045911-CCV1

Chloroethane
B252786-BS1, S045911-CCV1

SW-846 8270D-E

Qualifications:

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Pyridine
20B0883-05[AP-3R], B253010-MS1, B253010-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

3,3-Dichlorobenzidine
B253010-MSD1

Phenol
B253010-MSD1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

2,4,5-Trichlorophenol
20B0883-02[AP-15R-BR], 20B0883-03[AP-2R], 20B0883-04[AP-13R-BR], 20B0883-05[AP-3R], 20B0883-06[AP-4R], B253010-BLK1, B253010-BS1, B253010-BSD1

4-Chloroaniline
20B0883-02[AP-15R-BR], 20B0883-03[AP-2R], 20B0883-04[AP-13R-BR], 20B0883-05[AP-3R], 20B0883-06[AP-4R], B253010-BLK1, B253010-BS1, B253010-BSD1

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

4-Chloroaniline
20B0883-05[AP-3R], B253010-MS1, B253010-MSD1

Pyridine
20B0883-05[AP-3R], B253010-MS1, B253010-MSD1

RL-03

Elevated reporting limit based on lowest point in calibration.
Requested reporting limit not met.

Analyte & Samples(s) Qualified:

Hexachlorobenzene
20B0883-02[AP-15R-BR], 20B0883-03[AP-2R], 20B0883-04[AP-13R-BR], 20B0883-05[AP-3R], 20B0883-06[AP-4R], B253010-BLK1

Pentachlorophenol
20B0883-02[AP-15R-BR], 20B0883-03[AP-2R], 20B0883-04[AP-13R-BR], 20B0883-05[AP-3R], 20B0883-06[AP-4R], B253010-BLK1

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol
20B0883-02[AP-15R-BR], B253010-BLK1, B253010-BS1, B253010-BSD1, S046041-CCV1

Aniline
20B0883-03[AP-2R], 20B0883-04[AP-13R-BR], 20B0883-05[AP-3R], 20B0883-06[AP-4R], B253010-MS1, B253010-MSD1, S046100-CCV1

V-34

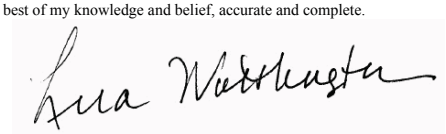
Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

4-Chloroaniline
20B0883-02[AP-15R-BR], 20B0883-03[AP-2R], 20B0883-04[AP-13R-BR], 20B0883-05[AP-3R], 20B0883-06[AP-4R], B253010-BLK1, B253010-BS1, B253010-BSD1, B253010-MS1, B253010-MSD1, S046100-CCV1

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: TB 20200219 | Sampled: 2/19/2020 07:30

Sample ID: 20B0883-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: TB 20200219 | Sampled: 2/19/2020 07:30

Sample ID: 20B0883-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Naphthalene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 15:12	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		2/21/20 15:12
Toluene-d8	99.5	70-130		2/21/20 15:12
4-Bromofluorobenzene	95.8	70-130		2/21/20 15:12

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-15R-BR | Sampled: 2/19/2020 08:50

Sample ID: 20B0883-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-15R-BR | Sampled: 2/19/2020 08:50

Sample ID: 20B0883-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Naphthalene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 18:44	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		2/21/20 18:44
Toluene-d8	98.7	70-130		2/21/20 18:44
4-Bromofluorobenzene	95.4	70-130		2/21/20 18:44

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-15R-BR | Sampled: 2/19/2020 08:50

Sample ID: 20B0883-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:06	IMR
Aniline	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:06	IMR
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:06	IMR
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:06	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:06	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:06	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
4-Chloroaniline	ND	10	µg/L	1	R-05, V-34	SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:06	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:06	IMR
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:06	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-15R-BR | Sampled: 2/19/2020 08:50

Sample ID: 20B0883-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Pentachlorophenol	ND	10	µg/L	1	RL-03	SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:06	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
Pyridine	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1	R-05	SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/27/20 16:11	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	39.7	15-110		2/27/20 16:11
Phenol-d6	29.0	15-110		2/27/20 16:11
Nitrobenzene-d5	56.7	30-130		2/27/20 16:11
2-Fluorobiphenyl	85.1	30-130		2/27/20 16:11
2,4,6-Tribromophenol	74.8	15-110		2/27/20 16:11
p-Terphenyl-d14	75.5	30-130		2/27/20 16:11
o-Terphenyl (OTP)	67.1	30-130		2/25/20 18:06

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-15R-BR | Sampled: 2/19/2020 08:50

Sample ID: 20B0883-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.23	0.15	mg/L	1		CTDEP ETPH	2/26/20	2/28/20 18:24	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	81.3	50-150		2/28/20 18:24

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-15R-BR | Sampled: 2/19/2020 08:50

Sample ID: 20B0883-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:21	RMW
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:21	RMW
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:21	RMW
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:21	RMW
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:21	RMW
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:21	RMW
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:21	RMW
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:21	RMW
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:21	RMW
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:21	RMW
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:21	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	70.3	40-140		2/25/20 16:21
o-Terphenyl (OTP)	79.4	40-140		2/25/20 16:21
2-Bromonaphthalene	94.5	40-140		2/25/20 16:21
2-Fluorobiphenyl	89.3	40-140		2/25/20 16:21

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-15R-BR | Sampled: 2/19/2020 08:50

Sample ID: 20B0883-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:45	QNW
Arsenic	4.1	0.80	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:45	QNW
Barium	120	10	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:45	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:45	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:45	QNW
Chromium	3.7	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:45	QNW
Copper	4.8	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:45	QNW
Lead	1.5	0.50	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:45	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/24/20	2/25/20 10:35	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:45	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:45	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/25/20 13:49	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/25/20 13:49	QNW
Vanadium	7.5	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:45	QNW
Zinc	690	10	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:45	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-2R | Sampled: 2/19/2020 08:45

Sample ID: 20B0883-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-2R | Sampled: 2/19/2020 08:45

Sample ID: 20B0883-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Naphthalene	ND	2.0	µg/L	1	V-05, L-03	SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:10	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		2/21/20 19:10
Toluene-d8	97.9	70-130		2/21/20 19:10
4-Bromofluorobenzene	91.0	70-130		2/21/20 19:10

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-2R | Sampled: 2/19/2020 08:45

Sample ID: 20B0883-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:35	IMR
Aniline	ND	5.1	µg/L	1	V-05	SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:35	IMR
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:35	IMR
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:35	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:35	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:35	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
4-Chloroaniline	ND	10	µg/L	1	R-05, V-34	SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:35	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:35	IMR
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Fluorene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:35	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-2R | Sampled: 2/19/2020 08:45

Sample ID: 20B0883-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Pentachlorophenol	ND	5.1	µg/L	1	RL-03	SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 18:35	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
Pyridine	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1	R-05	SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:12	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	42.0	15-110		2/28/20 14:12
Phenol-d6	29.7	15-110		2/28/20 14:12
Nitrobenzene-d5	62.0	30-130		2/28/20 14:12
2-Fluorobiphenyl	89.8	30-130		2/28/20 14:12
2,4,6-Tribromophenol	68.2	15-110		2/28/20 14:12
p-Terphenyl-d14	83.7	30-130		2/28/20 14:12
o-Terphenyl (OTP)	48.6	30-130		2/25/20 18:35

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-2R | Sampled: 2/19/2020 08:45

Sample ID: 20B0883-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.15	mg/L	1		CTDEP ETPH	2/26/20	2/28/20 17:01	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual					
2-Fluorobiphenyl	73.1	50-150					2/28/20 17:01	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-2R | Sampled: 2/19/2020 08:45

Sample ID: 20B0883-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:40	RMW
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:40	RMW
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:40	RMW
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:40	RMW
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:40	RMW
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:40	RMW
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:40	RMW
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:40	RMW
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:40	RMW
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:40	RMW
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:40	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	54.6	40-140		2/25/20 16:40
o-Terphenyl (OTP)	56.4	40-140		2/25/20 16:40
2-Bromonaphthalene	90.5	40-140		2/25/20 16:40
2-Fluorobiphenyl	86.2	40-140		2/25/20 16:40

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-2R | Sampled: 2/19/2020 08:45

Sample ID: 20B0883-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:47	QNW
Arsenic	1.1	0.80	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:47	QNW
Barium	72	10	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:47	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:47	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:47	QNW
Chromium	ND	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:47	QNW
Copper	6.1	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:47	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:47	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/24/20	2/25/20 10:37	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:47	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:47	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/25/20 13:56	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/25/20 13:56	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:47	QNW
Zinc	170	10	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:47	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-13R-BR | Sampled: 2/19/2020 10:35

Sample ID: 20B0883-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-13R-BR | Sampled: 2/19/2020 10:35

Sample ID: 20B0883-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Naphthalene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 19:36	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		2/21/20 19:36
Toluene-d8	98.1	70-130		2/21/20 19:36
4-Bromofluorobenzene	91.9	70-130		2/21/20 19:36

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-13R-BR | Sampled: 2/19/2020 10:35

Sample ID: 20B0883-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:01	RMW
Aniline	ND	5.1	µg/L	1	V-05	SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:01	RMW
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:01	RMW
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:01	RMW
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:01	RMW
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:01	RMW
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
4-Chloroaniline	ND	10	µg/L	1	R-05, V-34	SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:01	RMW
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:01	RMW
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Fluorene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Hexachlorobenzene	ND	2.1	µg/L	1	RL-03	SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Hexachloroethane	ND	2.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:01	RMW
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-13R-BR | Sampled: 2/19/2020 10:35

Sample ID: 20B0883-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Pentachlorophenol	ND	5.1	µg/L	1	RL-03	SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:01	RMW
Phenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
Pyridine	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1	R-05	SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 14:37	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	35.8	15-110		2/28/20 14:37
Phenol-d6	27.3	15-110		2/28/20 14:37
Nitrobenzene-d5	51.0	30-130		2/28/20 14:37
2-Fluorobiphenyl	78.2	30-130		2/28/20 14:37
2,4,6-Tribromophenol	61.7	15-110		2/28/20 14:37
p-Terphenyl-d14	75.3	30-130		2/28/20 14:37
o-Terphenyl (OTP)	76.2	30-130		2/28/20 12:01

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-13R-BR | Sampled: 2/19/2020 10:35

Sample ID: 20B0883-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.15	mg/L	1		CTDEP ETPH	2/26/20	2/28/20 17:22	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	62.8	50-150				2/28/20 17:22	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-13R-BR | Sampled: 2/19/2020 10:35

Sample ID: 20B0883-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/27/20 16:22	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/27/20 16:22	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/27/20 16:22	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/27/20 16:22	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/27/20 16:22	RDD
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/27/20 16:22	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/27/20 16:22	RDD
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/27/20 16:22	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/27/20 16:22	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/27/20 16:22	RDD
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/27/20 16:22	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	65.6	40-140		2/27/20 16:22
o-Terphenyl (OTP)	79.4	40-140		2/27/20 16:22
2-Bromonaphthalene	88.1	40-140		2/27/20 16:22
2-Fluorobiphenyl	83.5	40-140		2/27/20 16:22

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-13R-BR | Sampled: 2/19/2020 10:35

Sample ID: 20B0883-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:50	QNW
Arsenic	1.6	0.80	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:50	QNW
Barium	180	10	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:50	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:50	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:50	QNW
Chromium	2.4	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:50	QNW
Copper	2.9	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:50	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:50	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/24/20	2/25/20 10:38	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:50	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:50	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/25/20 13:58	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/25/20 13:58	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:50	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:50	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-3R | Sampled: 2/19/2020 11:10

Sample ID: 20B0883-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-3R | Sampled: 2/19/2020 11:10

Sample ID: 20B0883-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Naphthalene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:03	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		2/21/20 20:03
Toluene-d8	96.2	70-130		2/21/20 20:03
4-Bromofluorobenzene	94.0	70-130		2/21/20 20:03

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-3R | Sampled: 2/19/2020 11:10

Sample ID: 20B0883-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 19:03	IMR
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 19:03	IMR
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 19:03	IMR
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 19:03	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 19:03	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 19:03	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
4-Chloroaniline	ND	10	µg/L	1	R-05, R-06, V-34	SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 19:03	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 19:03	IMR
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 19:03	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-3R | Sampled: 2/19/2020 11:10

Sample ID: 20B0883-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Pentachlorophenol	ND	5.0	µg/L	1	RL-03	SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/25/20 19:03	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
Pyridine	ND	5.0	µg/L	1	MS-09, R-06	SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1	R-05	SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:27	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	44.4	15-110		2/28/20 15:27
Phenol-d6	32.5	15-110		2/28/20 15:27
Nitrobenzene-d5	63.4	30-130		2/28/20 15:27
2-Fluorobiphenyl	95.3	30-130		2/28/20 15:27
2,4,6-Tribromophenol	76.1	15-110		2/28/20 15:27
p-Terphenyl-d14	84.7	30-130		2/28/20 15:27
o-Terphenyl (OTP)	57.0	30-130		2/25/20 19:03

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-3R | Sampled: 2/19/2020 11:10

Sample ID: 20B0883-05

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.31	0.15	mg/L	1		CTDEP ETPH	2/26/20	2/28/20 17:43	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	81.3	50-150				2/28/20 17:43	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-3R | Sampled: 2/19/2020 11:10

Sample ID: 20B0883-05

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:59	RMW
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:59	RMW
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:59	RMW
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:59	RMW
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:59	RMW
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:59	RMW
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:59	RMW
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:59	RMW
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:59	RMW
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:59	RMW
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/25/20 16:59	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	57.2	40-140		2/25/20 16:59
o-Terphenyl (OTP)	67.5	40-140		2/25/20 16:59
2-Bromonaphthalene	87.4	40-140		2/25/20 16:59
2-Fluorobiphenyl	84.7	40-140		2/25/20 16:59

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-3R | Sampled: 2/19/2020 11:10

Sample ID: 20B0883-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:18	QNW
Arsenic	ND	0.80	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:18	QNW
Barium	240	10	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:18	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:18	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:18	QNW
Chromium	1.1	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:18	QNW
Copper	5.4	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:18	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:18	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/24/20	2/25/20 10:33	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:18	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:18	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/25/20 13:47	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/25/20 13:47	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:18	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:18	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-4R | Sampled: 2/19/2020 12:55

Sample ID: 20B0883-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1	V-05	SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-4R | Sampled: 2/19/2020 12:55

Sample ID: 20B0883-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Naphthalene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	L-03, V-05	SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	2/21/20	2/21/20 20:29	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		2/21/20 20:29
Toluene-d8	96.8	70-130		2/21/20 20:29
4-Bromofluorobenzene	94.4	70-130		2/21/20 20:29

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-4R | Sampled: 2/19/2020 12:55

Sample ID: 20B0883-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:29	RMW
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:29	RMW
Benzo(a)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:29	RMW
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:29	RMW
Benzo(g,h,i)perylene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:29	RMW
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:29	RMW
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
4-Chloroaniline	ND	10	µg/L	1	R-05, V-34	SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Chrysene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:29	RMW
Dibenz(a,h)anthracene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:29	RMW
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:29	RMW
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-4R | Sampled: 2/19/2020 12:55

Sample ID: 20B0883-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Pentachlorophenol	ND	5.0	µg/L	1	RL-03	SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	2/24/20	2/28/20 12:29	RMW
Phenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
Pyridine	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1	R-05	SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	2/26/20	2/28/20 15:02	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	41.9	15-110		2/28/20 15:02
Phenol-d6	30.2	15-110		2/28/20 15:02
Nitrobenzene-d5	57.6	30-130		2/28/20 15:02
2-Fluorobiphenyl	85.3	30-130		2/28/20 15:02
2,4,6-Tribromophenol	65.5	15-110		2/28/20 15:02
p-Terphenyl-d14	77.4	30-130		2/28/20 15:02
o-Terphenyl (OTP)	62.3	30-130		2/28/20 12:29

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-4R | Sampled: 2/19/2020 12:55

Sample ID: 20B0883-06

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.17	0.15	mg/L	1		CTDEP ETPH	2/26/20	2/28/20 18:03	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	58.0	50-150		2/28/20 18:03

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-4R | Sampled: 2/19/2020 12:55

Sample ID: 20B0883-06

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	99	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/28/20 11:49	RDD
C19-C36 Aliphatics	ND	99	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/28/20 11:49	RDD
Unadjusted C11-C22 Aromatics	ND	99	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/28/20 11:49	RDD
C11-C22 Aromatics	ND	99	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/28/20 11:49	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/28/20 11:49	RDD
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/28/20 11:49	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/28/20 11:49	RDD
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/28/20 11:49	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/28/20 11:49	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/28/20 11:49	RDD
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	2/24/20	2/28/20 11:49	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	61.5	40-140		2/28/20 11:49
o-Terphenyl (OTP)	74.2	40-140		2/28/20 11:49
2-Bromonaphthalene	74.7	40-140		2/28/20 11:49
2-Fluorobiphenyl	70.4	40-140		2/28/20 11:49

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20B0883

Date Received: 2/20/2020

Field Sample #: AP-4R | Sampled: 2/19/2020 12:55

Sample ID: 20B0883-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:53	QNW
Arsenic	0.99	0.80	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:53	QNW
Barium	52	10	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:53	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:53	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:53	QNW
Chromium	2.3	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:53	QNW
Copper	2.6	1.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:53	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:53	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	2/24/20	2/25/20 10:40	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:53	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:53	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/25/20 14:00	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	2/22/20	2/25/20 14:00	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:53	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	2/22/20	2/24/20 15:53	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3510C-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0883-02 [AP-15R-BR]	B253011	980	1.00	02/26/20
20B0883-03 [AP-2R]	B253011	980	1.00	02/26/20
20B0883-04 [AP-13R-BR]	B253011	980	1.00	02/26/20
20B0883-05 [AP-3R]	B253011	990	1.00	02/26/20
20B0883-06 [AP-4R]	B253011	990	1.00	02/26/20

Prep Method: SW-846 3510C-MADEP-EPH-04-1.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0883-02 [AP-15R-BR]	B252854	1000	2.00	02/24/20
20B0883-03 [AP-2R]	B252854	1000	2.00	02/24/20
20B0883-04 [AP-13R-BR]	B252854	1000	2.00	02/24/20
20B0883-05 [AP-3R]	B252854	1000	2.00	02/24/20
20B0883-06 [AP-4R]	B252854	1010	2.00	02/24/20

Prep Method: SW-846 3005A-SW-846 6020B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0883-02 [AP-15R-BR]	B252828	50.0	50.0	02/22/20
20B0883-03 [AP-2R]	B252828	50.0	50.0	02/22/20
20B0883-04 [AP-13R-BR]	B252828	50.0	50.0	02/22/20
20B0883-05 [AP-3R]	B252828	50.0	50.0	02/22/20
20B0883-06 [AP-4R]	B252828	50.0	50.0	02/22/20

Prep Method: SW-846 7470A Prep-SW-846 7470A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0883-02 [AP-15R-BR]	B252867	6.00	6.00	02/24/20
20B0883-03 [AP-2R]	B252867	6.00	6.00	02/24/20
20B0883-04 [AP-13R-BR]	B252867	6.00	6.00	02/24/20
20B0883-05 [AP-3R]	B252867	6.00	6.00	02/24/20
20B0883-06 [AP-4R]	B252867	6.00	6.00	02/24/20

Prep Method: SW-846 5030B-SW-846 8260C-D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0883-01 [TB 20200219]	B252786	5	5.00	02/21/20
20B0883-02 [AP-15R-BR]	B252786	5	5.00	02/21/20
20B0883-03 [AP-2R]	B252786	5	5.00	02/21/20
20B0883-04 [AP-13R-BR]	B252786	5	5.00	02/21/20
20B0883-05 [AP-3R]	B252786	5	5.00	02/21/20
20B0883-06 [AP-4R]	B252786	5	5.00	02/21/20

Prep Method: SW-846 3510C-SW-846 8270D-E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0883-02 [AP-15R-BR]	B252958	1000	1.00	02/24/20
20B0883-03 [AP-2R]	B252958	1000	1.00	02/24/20
20B0883-04 [AP-13R-BR]	B252958	1000	1.00	02/24/20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3510C-SW-846 8270D-E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0883-05 [AP-3R]	B252958	1000	1.00	02/24/20
20B0883-06 [AP-4R]	B252958	1010	1.00	02/24/20

Prep Method: SW-846 3510C-SW-846 8270D-E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20B0883-02 [AP-15R-BR]	B253010	1000	1.00	02/26/20
20B0883-03 [AP-2R]	B253010	990	1.00	02/26/20
20B0883-04 [AP-13R-BR]	B253010	975	1.00	02/26/20
20B0883-05 [AP-3R]	B253010	1000	1.00	02/26/20
20B0883-06 [AP-4R]	B253010	1000	1.00	02/26/20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252786 - SW-846 5030B										
Blank (B252786-BLK1)				Prepared & Analyzed: 02/21/20						
Acetone	ND	10	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	0.50	µg/L							
Bromomethane	ND	1.0	µg/L							
2-Butanone (MEK)	ND	5.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	0.60	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	0.50	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	5.0	µg/L							
Isopropylbenzene (Cumene)	ND	0.50	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L							
Naphthalene	ND	2.0	µg/L							L-03, V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B252786 - SW-846 5030B											
Blank (B252786-BLK1)				Prepared & Analyzed: 02/21/20							
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	1.0	µg/L								L-03, V-05
1,2,4-Trichlorobenzene	ND	0.50	µg/L								L-03, V-05
1,1,1-Trichloroethane	ND	0.50	µg/L								
1,1,2-Trichloroethane	ND	0.50	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	0.50	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L								
1,2,4-Trimethylbenzene	ND	0.50	µg/L								
1,3,5-Trimethylbenzene	ND	0.50	µg/L								
Vinyl Chloride	ND	1.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103		70-130			
Surrogate: Toluene-d8	*24.7*		µg/L	25.0		98.7		70-130			
Surrogate: 4-Bromofluorobenzene	*23.8*		µg/L	25.0		95.0		70-130			
LCS (B252786-BS1)				Prepared & Analyzed: 02/21/20							
Acetone	93.5	10	µg/L	100		93.5		40-160			
Acrylonitrile	8.54	2.0	µg/L	10.0		85.4		70-130			
Benzene	10.1	0.50	µg/L	10.0		101		70-130			
Bromobenzene	9.82	0.50	µg/L	10.0		98.2		70-130			
Bromodichloromethane	11.2	0.50	µg/L	10.0		112		70-130			
Bromoform	10.6	0.50	µg/L	10.0		106		70-130			
Bromomethane	17.5	1.0	µg/L	10.0		**175**	*	40-160			L-01, V-20
2-Butanone (MEK)	83.3	5.0	µg/L	100		83.3		40-160			
n-Butylbenzene	9.99	1.0	µg/L	10.0		99.9		70-130			
sec-Butylbenzene	10.8	1.0	µg/L	10.0		108		70-130			
tert-Butylbenzene	10.8	1.0	µg/L	10.0		108		70-130			
Carbon Disulfide	114	5.0	µg/L	100		114		70-130			
Carbon Tetrachloride	11.6	0.50	µg/L	10.0		116		70-130			
Chlorobenzene	10.8	0.50	µg/L	10.0		108		70-130			
Chlorodibromomethane	11.2	0.50	µg/L	10.0		112		40-160			
Chloroethane	12.6	0.50	µg/L	10.0		126		70-130			V-20
Chloroform	10.6	0.50	µg/L	10.0		106		70-130			
Chloromethane	11.4	0.60	µg/L	10.0		114		40-160			
2-Chlorotoluene	10.1	0.50	µg/L	10.0		101		70-130			
4-Chlorotoluene	9.98	0.50	µg/L	10.0		99.8		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.69	1.0	µg/L	10.0		86.9		70-130			V-05
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0		106		70-130			
Dibromomethane	10.5	0.50	µg/L	10.0		105		70-130			
1,2-Dichlorobenzene	10.3	0.50	µg/L	10.0		103		70-130			
1,3-Dichlorobenzene	10.7	0.50	µg/L	10.0		107		70-130			
1,4-Dichlorobenzene	10.4	0.50	µg/L	10.0		104		70-130			
trans-1,4-Dichloro-2-butene	10.4	2.0	µg/L	10.0		104		70-130			
Dichlorodifluoromethane (Freon 12)	8.95	0.50	µg/L	10.0		89.5		40-160			
1,1-Dichloroethane	9.81	0.50	µg/L	10.0		98.1		70-130			
1,2-Dichloroethane	10.6	0.50	µg/L	10.0		106		70-130			
1,1-Dichloroethylene	11.8	0.50	µg/L	10.0		118		70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B252786 - SW-846 5030B											
LCS (B252786-BS1)				Prepared & Analyzed: 02/21/20							
cis-1,2-Dichloroethylene	10.1	0.50	µg/L	10.0		101		70-130			
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107		70-130			
1,2-Dichloropropane	9.92	0.50	µg/L	10.0		99.2		70-130			
1,3-Dichloropropane	10.1	0.50	µg/L	10.0		101		70-130			
2,2-Dichloropropane	10.6	0.50	µg/L	10.0		106		70-130			
1,1-Dichloropropene	10.7	0.50	µg/L	10.0		107		70-130			
cis-1,3-Dichloropropene	10.7	0.50	µg/L	10.0		107		70-130			
trans-1,3-Dichloropropene	10.3	0.50	µg/L	10.0		103		70-130			
Ethylbenzene	10.4	0.50	µg/L	10.0		104		70-130			
Hexachlorobutadiene	9.42	0.60	µg/L	10.0		94.2		40-160			
2-Hexanone (MBK)	84.1	5.0	µg/L	100		84.1		70-130			
Isopropylbenzene (Cumene)	10.8	0.50	µg/L	10.0		108		70-130			
p-Isopropyltoluene (p-Cymene)	10.3	0.50	µg/L	10.0		103		70-130			
Methyl tert-Butyl Ether (MTBE)	9.64	0.50	µg/L	10.0		96.4		70-130			
Methylene Chloride	11.2	5.0	µg/L	10.0		112		70-130			
4-Methyl-2-pentanone (MIBK)	80.5	5.0	µg/L	100		80.5		40-160			
Naphthalene	4.48	2.0	µg/L	10.0		**44.8**	*	70-130			L-03, V-05
n-Propylbenzene	10.3	1.0	µg/L	10.0		103		70-130			
Styrene	9.98	1.0	µg/L	10.0		99.8		70-130			
1,1,1,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110		70-130			
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.0		103		70-130			
Tetrachloroethylene	11.2	1.0	µg/L	10.0		112		70-130			
Tetrahydrofuran	8.29	10	µg/L	10.0		82.9		70-130			
Toluene	10.5	1.0	µg/L	10.0		105		70-130			
1,2,3-Trichlorobenzene	5.03	1.0	µg/L	10.0		**50.3**	*	70-130			L-03, V-05
1,2,4-Trichlorobenzene	6.62	0.50	µg/L	10.0		**66.2**	*	70-130			L-03, V-05
1,1,1-Trichloroethane	10.8	0.50	µg/L	10.0		108		70-130			
1,1,2-Trichloroethane	10.5	0.50	µg/L	10.0		105		70-130			
Trichloroethylene	10.7	1.0	µg/L	10.0		107		70-130			
Trichlorofluoromethane (Freon 11)	11.8	2.0	µg/L	10.0		118		40-160			
1,2,3-Trichloropropane	8.56	0.50	µg/L	10.0		85.6		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6	0.50	µg/L	10.0		116		70-130			
1,2,4-Trimethylbenzene	10.4	0.50	µg/L	10.0		104		70-130			
1,3,5-Trimethylbenzene	10.0	0.50	µg/L	10.0		100		70-130			
Vinyl Chloride	11.1	1.0	µg/L	10.0		111		70-130			
m+p Xylene	20.7	2.0	µg/L	20.0		104		70-130			
o-Xylene	10.6	1.0	µg/L	10.0		106		70-130			
Surrogate: 1,2-Dichloroethane-d4	*25.8*		µg/L	25.0		103		70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101		70-130			
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.5		70-130			
Matrix Spike (B252786-MS1)	**Source: 20B0883-05**			Prepared: 02/21/20 Analyzed: 02/22/20							
Acetone	91.6	10	µg/L	100	ND	91.6		70-130			
Acrylonitrile	7.99	2.0	µg/L	10.0	ND	79.9		70-130			
Benzene	9.53	0.50	µg/L	10.0	ND	95.3		70-130			
Bromobenzene	9.22	0.50	µg/L	10.0	ND	92.2		70-130			
Bromodichloromethane	10.1	0.50	µg/L	10.0	ND	101		70-130			
Bromoform	9.24	0.50	µg/L	10.0	ND	92.4		70-130			
Bromomethane	11.4	1.0	µg/L	10.0	ND	114		70-130			
2-Butanone (MEK)	77.3	5.0	µg/L	100	ND	77.3		70-130			
n-Butylbenzene	8.29	1.0	µg/L	10.0	ND	82.9		70-130			
sec-Butylbenzene	10.1	1.0	µg/L	10.0	ND	101		70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B252786 - SW-846 5030B											
Matrix Spike (B252786-MS1)	**Source: 20B0883-05**			Prepared: 02/21/20 Analyzed: 02/22/20							
tert-Butylbenzene	10.0	1.0	µg/L	10.0	ND	100		70-130			
Carbon Disulfide	8.82	5.0	µg/L	10.0	ND	88.2		70-130			
Carbon Tetrachloride	10.9	0.50	µg/L	10.0	ND	109		70-130			
Chlorobenzene	10.6	0.50	µg/L	10.0	ND	106		70-130			
Chlorodibromomethane	9.99	0.50	µg/L	10.0	ND	99.9		70-130			
Chloroethane	12.4	0.50	µg/L	10.0	ND	124		70-130			
Chloroform	10.0	0.50	µg/L	10.0	ND	100		70-130			
Chloromethane	8.90	0.60	µg/L	10.0	ND	89.0		70-130			
2-Chlorotoluene	9.72	0.50	µg/L	10.0	ND	97.2		70-130			
4-Chlorotoluene	9.16	0.50	µg/L	10.0	ND	91.6		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	6.96	1.0	µg/L	10.0	ND	**69.6**	*	70-130			MS-22
1,2-Dibromoethane (EDB)	9.74	0.50	µg/L	10.0	ND	97.4		70-130			
Dibromomethane	9.82	0.50	µg/L	10.0	ND	98.2		70-130			
1,2-Dichlorobenzene	9.50	0.50	µg/L	10.0	ND	95.0		70-130			
1,3-Dichlorobenzene	9.90	0.50	µg/L	10.0	ND	99.0		70-130			
1,4-Dichlorobenzene	9.73	0.50	µg/L	10.0	ND	97.3		70-130			
trans-1,4-Dichloro-2-butene	9.15	2.0	µg/L	10.0	ND	91.5		70-130			
Dichlorodifluoromethane (Freon 12)	10.2	0.50	µg/L	10.0	ND	102		70-130			
1,1-Dichloroethane	9.61	0.50	µg/L	10.0	ND	96.1		70-130			
1,2-Dichloroethane	10.4	0.50	µg/L	10.0	ND	104		70-130			
1,1-Dichloroethylene	10.9	0.50	µg/L	10.0	ND	109		70-130			
cis-1,2-Dichloroethylene	9.34	0.50	µg/L	10.0	ND	93.4		70-130			
trans-1,2-Dichloroethylene	9.03	1.0	µg/L	10.0	ND	90.3		70-130			
1,2-Dichloropropane	9.40	0.50	µg/L	10.0	ND	94.0		70-130			
1,3-Dichloropropane	9.42	0.50	µg/L	10.0	ND	94.2		70-130			
2,2-Dichloropropane	7.72	0.50	µg/L	10.0	ND	77.2		70-130			
1,1-Dichloropropene	9.59	0.50	µg/L	10.0	ND	95.9		70-130			
cis-1,3-Dichloropropene	8.94	0.50	µg/L	10.0	ND	89.4		70-130			
trans-1,3-Dichloropropene	8.84	0.50	µg/L	10.0	ND	88.4		70-130			
Ethylbenzene	10.0	0.50	µg/L	10.0	ND	100		70-130			
Hexachlorobutadiene	8.16	0.60	µg/L	10.0	ND	81.6		70-130			
2-Hexanone (MBK)	80.4	5.0	µg/L	100	ND	80.4		70-130			
Isopropylbenzene (Cumene)	10.0	0.50	µg/L	10.0	ND	100		70-130			
p-Isopropyltoluene (p-Cymene)	9.50	0.50	µg/L	10.0	ND	95.0		70-130			
Methyl tert-Butyl Ether (MTBE)	9.35	0.50	µg/L	10.0	ND	93.5		70-130			
Methylene Chloride	10.4	5.0	µg/L	10.0	ND	104		70-130			
4-Methyl-2-pentanone (MIBK)	77.2	5.0	µg/L	100	ND	77.2		70-130			
Naphthalene	3.64	2.0	µg/L	10.0	ND	**36.4**	*	70-130			MS-09
n-Propylbenzene	9.77	1.0	µg/L	10.0	ND	97.7		70-130			
Styrene	9.24	1.0	µg/L	10.0	ND	92.4		70-130			
1,1,1,2-Tetrachloroethane	10.8	0.50	µg/L	10.0	ND	108		70-130			
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.0	ND	102		70-130			
Tetrachloroethylene	10.4	1.0	µg/L	10.0	ND	104		70-130			
Tetrahydrofuran	8.54	10	µg/L	10.0	ND	85.4		70-130			
Toluene	10.1	1.0	µg/L	10.0	ND	101		70-130			
1,2,3-Trichlorobenzene	4.07	1.0	µg/L	10.0	ND	**40.7**	*	70-130			MS-09
1,2,4-Trichlorobenzene	5.07	0.50	µg/L	10.0	ND	**50.7**	*	70-130			MS-09
1,1,1-Trichloroethane	10.3	0.50	µg/L	10.0	ND	103		70-130			
1,1,2-Trichloroethane	10.3	0.50	µg/L	10.0	ND	103		70-130			
Trichloroethylene	10.2	1.0	µg/L	10.0	ND	102		70-130			
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.0	ND	106		70-130			
1,2,3-Trichloropropane	8.40	0.50	µg/L	10.0	ND	84.0		70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252786 - SW-846 5030B										
Matrix Spike (B252786-MS1)	**Source: 20B0883-05**			Prepared: 02/21/20 Analyzed: 02/22/20						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8	0.50	µg/L	10.0	ND	118	70-130			
1,2,4-Trimethylbenzene	9.75	0.50	µg/L	10.0	ND	97.5	70-130			
1,3,5-Trimethylbenzene	9.27	0.50	µg/L	10.0	ND	92.7	70-130			
Vinyl Chloride	9.89	1.0	µg/L	10.0	ND	98.9	70-130			
m+p Xylene	20.3	2.0	µg/L	20.0	ND	102	70-130			
o-Xylene	10.4	1.0	µg/L	10.0	ND	104	70-130			
Surrogate: 1,2-Dichloroethane-d4	*24.2*		µg/L	25.0		97.0	70-130			
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	*23.6*		µg/L	25.0		94.6	70-130			
Matrix Spike Dup (B252786-MSD1)	**Source: 20B0883-05**			Prepared: 02/21/20 Analyzed: 02/22/20						
Acetone	95.7	10	µg/L	100	ND	95.7	70-130	4.36	30	
Acrylonitrile	8.49	2.0	µg/L	10.0	ND	84.9	70-130	6.07	30	
Benzene	10.0	0.50	µg/L	10.0	ND	100	70-130	5.11	30	
Bromobenzene	9.41	0.50	µg/L	10.0	ND	94.1	70-130	2.04	30	
Bromodichloromethane	10.3	0.50	µg/L	10.0	ND	103	70-130	2.75	30	
Bromoform	9.88	0.50	µg/L	10.0	ND	98.8	70-130	6.69	30	
Bromomethane	12.0	1.0	µg/L	10.0	ND	120	70-130	5.31	30	
2-Butanone (MEK)	80.4	5.0	µg/L	100	ND	80.4	70-130	3.89	30	
n-Butylbenzene	9.12	1.0	µg/L	10.0	ND	91.2	70-130	9.53	30	
sec-Butylbenzene	10.7	1.0	µg/L	10.0	ND	107	70-130	5.96	30	
tert-Butylbenzene	10.6	1.0	µg/L	10.0	ND	106	70-130	5.34	30	
Carbon Disulfide	9.76	5.0	µg/L	10.0	ND	97.6	70-130	10.1	30	
Carbon Tetrachloride	11.4	0.50	µg/L	10.0	ND	114	70-130	4.04	30	
Chlorobenzene	11.1	0.50	µg/L	10.0	ND	111	70-130	4.88	30	
Chlorodibromomethane	10.5	0.50	µg/L	10.0	ND	105	70-130	5.17	30	
Chloroethane	12.2	0.50	µg/L	10.0	ND	122	70-130	1.38	30	
Chloroform	10.8	0.50	µg/L	10.0	ND	108	70-130	7.47	30	
Chloromethane	9.36	0.60	µg/L	10.0	ND	93.6	70-130	5.04	30	
2-Chlorotoluene	10.2	0.50	µg/L	10.0	ND	102	70-130	5.02	30	
4-Chlorotoluene	9.87	0.50	µg/L	10.0	ND	98.7	70-130	7.46	30	
1,2-Dibromo-3-chloropropane (DBCP)	8.51	1.0	µg/L	10.0	ND	85.1	70-130	20.0	30	
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0	ND	104	70-130	6.36	30	
Dibromomethane	10.4	0.50	µg/L	10.0	ND	104	70-130	5.54	30	
1,2-Dichlorobenzene	10.0	0.50	µg/L	10.0	ND	100	70-130	5.13	30	
1,3-Dichlorobenzene	10.8	0.50	µg/L	10.0	ND	108	70-130	8.33	30	
1,4-Dichlorobenzene	10.2	0.50	µg/L	10.0	ND	102	70-130	4.52	30	
trans-1,4-Dichloro-2-butene	9.46	2.0	µg/L	10.0	ND	94.6	70-130	3.33	30	
Dichlorodifluoromethane (Freon 12)	10.9	0.50	µg/L	10.0	ND	109	70-130	6.81	30	
1,1-Dichloroethane	10.2	0.50	µg/L	10.0	ND	102	70-130	5.66	30	
1,2-Dichloroethane	10.6	0.50	µg/L	10.0	ND	106	70-130	2.58	30	
1,1-Dichloroethylene	12.0	0.50	µg/L	10.0	ND	120	70-130	9.08	30	
cis-1,2-Dichloroethylene	10.0	0.50	µg/L	10.0	ND	100	70-130	7.22	30	
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0	ND	102	70-130	12.1	30	
1,2-Dichloropropane	10.1	0.50	µg/L	10.0	ND	101	70-130	6.88	30	
1,3-Dichloropropane	9.75	0.50	µg/L	10.0	ND	97.5	70-130	3.44	30	
2,2-Dichloropropane	8.39	0.50	µg/L	10.0	ND	83.9	70-130	8.32	30	
1,1-Dichloropropene	10.5	0.50	µg/L	10.0	ND	105	70-130	9.44	30	
cis-1,3-Dichloropropene	9.56	0.50	µg/L	10.0	ND	95.6	70-130	6.70	30	
trans-1,3-Dichloropropene	9.03	0.50	µg/L	10.0	ND	90.3	70-130	2.13	30	
Ethylbenzene	10.4	0.50	µg/L	10.0	ND	104	70-130	3.24	30	
Hexachlorobutadiene	8.90	0.60	µg/L	10.0	ND	89.0	70-130	8.68	30	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B252786 - SW-846 5030B											
Matrix Spike Dup (B252786-MSD1)	**Source: 20B0883-05**			Prepared: 02/21/20 Analyzed: 02/22/20							
2-Hexanone (MBK)	82.4	5.0	µg/L	100	ND	82.4		70-130	2.49	30	
Isopropylbenzene (Cumene)	10.6	0.50	µg/L	10.0	ND	106		70-130	5.35	30	
p-Isopropyltoluene (p-Cymene)	10.1	0.50	µg/L	10.0	ND	101		70-130	6.52	30	
Methyl tert-Butyl Ether (MTBE)	9.84	0.50	µg/L	10.0	ND	98.4		70-130	5.11	30	
Methylene Chloride	10.8	5.0	µg/L	10.0	ND	108		70-130	3.57	30	
4-Methyl-2-pentanone (MIBK)	80.4	5.0	µg/L	100	ND	80.4		70-130	4.05	30	
Naphthalene	4.35	2.0	µg/L	10.0	ND	**43.5**	*	70-130	17.8	30	MS-09
n-Propylbenzene	10.1	1.0	µg/L	10.0	ND	101		70-130	3.02	30	
Styrene	9.99	1.0	µg/L	10.0	ND	99.9		70-130	7.80	30	
1,1,1,2-Tetrachloroethane	11.4	0.50	µg/L	10.0	ND	114		70-130	6.03	30	
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.0	ND	103		70-130	0.874	30	
Tetrachloroethylene	11.4	1.0	µg/L	10.0	ND	114		70-130	8.81	30	
Tetrahydrofuran	8.63	10	µg/L	10.0	ND	86.3		70-130	1.05	30	
Toluene	10.5	1.0	µg/L	10.0	ND	105		70-130	3.89	30	
1,2,3-Trichlorobenzene	4.75	1.0	µg/L	10.0	ND	**47.5**	*	70-130	15.4	30	MS-09
1,2,4-Trichlorobenzene	5.81	0.50	µg/L	10.0	ND	**58.1**	*	70-130	13.6	30	MS-09
1,1,1-Trichloroethane	11.1	0.50	µg/L	10.0	ND	111		70-130	7.78	30	
1,1,2-Trichloroethane	10.4	0.50	µg/L	10.0	ND	104		70-130	1.64	30	
Trichloroethylene	10.8	1.0	µg/L	10.0	ND	108		70-130	5.52	30	
Trichlorofluoromethane (Freon 11)	11.5	2.0	µg/L	10.0	ND	115		70-130	8.03	30	
1,2,3-Trichloropropane	9.08	0.50	µg/L	10.0	ND	90.8		70-130	7.78	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.7	0.50	µg/L	10.0	ND	127		70-130	7.44	30	
1,2,4-Trimethylbenzene	10.1	0.50	µg/L	10.0	ND	101		70-130	3.33	30	
1,3,5-Trimethylbenzene	9.99	0.50	µg/L	10.0	ND	99.9		70-130	7.48	30	
Vinyl Chloride	10.3	1.0	µg/L	10.0	ND	103		70-130	3.77	30	
m+p Xylene	20.4	2.0	µg/L	20.0	ND	102		70-130	0.638	30	
o-Xylene	10.6	1.0	µg/L	10.0	ND	106		70-130	1.43	30	
Surrogate: 1,2-Dichloroethane-d4	*25.1*		µg/L	25.0		100		70-130			
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100		70-130			
Surrogate: 4-Bromofluorobenzene	*24.0*		µg/L	25.0		95.9		70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252958 - SW-846 3510C										
Blank (B252958-BLK1)				Prepared: 02/24/20 Analyzed: 02/25/20						
Acenaphthylene (SIM)	ND	0.20	µg/L							
Benzo(a)anthracene (SIM)	ND	0.050	µg/L							
Benzo(a)pyrene (SIM)	ND	0.10	µg/L							
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L							
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L							
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L							
Chrysene (SIM)	ND	0.10	µg/L							
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L							
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L							
Phenanthrene (SIM)	ND	0.050	µg/L							
Surrogate: o-Terphenyl (OTP)	*69.8*		µg/L	100		69.8	30-130			
LCS (B252958-BS1)				Prepared: 02/24/20 Analyzed: 02/25/20						
Acenaphthylene (SIM)	61.6	8.0	µg/L	100		61.6	40-140			
Benzo(a)anthracene (SIM)	70.5	2.0	µg/L	100		70.5	40-140			
Benzo(a)pyrene (SIM)	76.5	4.0	µg/L	100		76.5	40-140			
Benzo(b)fluoranthene (SIM)	74.3	2.0	µg/L	100		74.3	40-140			
Benzo(g,h,i)perylene (SIM)	71.4	4.0	µg/L	100		71.4	40-140			
Benzo(k)fluoranthene (SIM)	75.9	8.0	µg/L	100		75.9	40-140			
Chrysene (SIM)	73.7	4.0	µg/L	100		73.7	40-140			
Dibenz(a,h)anthracene (SIM)	79.4	4.0	µg/L	100		79.4	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	78.0	4.0	µg/L	100		78.0	40-140			
Phenanthrene (SIM)	70.2	2.0	µg/L	100		70.2	40-140			
Surrogate: o-Terphenyl (OTP)	*71.1*		µg/L	100		71.1	30-130			
LCS Dup (B252958-BSD1)				Prepared: 02/24/20 Analyzed: 02/25/20						
Acenaphthylene (SIM)	68.7	8.0	µg/L	100		68.7	40-140	10.9	20	
Benzo(a)anthracene (SIM)	69.3	2.0	µg/L	100		69.3	40-140	1.72	20	
Benzo(a)pyrene (SIM)	75.7	4.0	µg/L	100		75.7	40-140	1.10	20	
Benzo(b)fluoranthene (SIM)	73.0	2.0	µg/L	100		73.0	40-140	1.74	20	
Benzo(g,h,i)perylene (SIM)	70.8	4.0	µg/L	100		70.8	40-140	0.900	20	
Benzo(k)fluoranthene (SIM)	75.2	8.0	µg/L	100		75.2	40-140	0.953	20	
Chrysene (SIM)	73.4	4.0	µg/L	100		73.4	40-140	0.381	20	
Dibenz(a,h)anthracene (SIM)	78.7	4.0	µg/L	100		78.7	40-140	0.810	20	
Indeno(1,2,3-cd)pyrene (SIM)	77.0	4.0	µg/L	100		77.0	40-140	1.19	20	‡
Phenanthrene (SIM)	72.0	2.0	µg/L	100		72.0	40-140	2.48	20	
Surrogate: o-Terphenyl (OTP)	*71.4*		µg/L	100		71.4	30-130			
Matrix Spike (B252958-MS1)	**Source: 20B0883-05**			Prepared: 02/24/20 Analyzed: 02/25/20						
Acenaphthylene (SIM)	53.4	8.0	µg/L	100	ND	53.4	40-140			
Benzo(a)anthracene (SIM)	74.9	2.0	µg/L	100	ND	74.9	40-140			
Benzo(a)pyrene (SIM)	77.4	4.0	µg/L	100	ND	77.4	40-140			
Benzo(b)fluoranthene (SIM)	72.6	2.0	µg/L	100	ND	72.6	40-140			
Benzo(g,h,i)perylene (SIM)	63.4	4.0	µg/L	100	ND	63.4	40-140			
Benzo(k)fluoranthene (SIM)	79.7	8.0	µg/L	100	ND	79.7	40-140			
Chrysene (SIM)	81.1	4.0	µg/L	100	ND	81.1	40-140			
Dibenz(a,h)anthracene (SIM)	82.0	4.0	µg/L	100	ND	82.0	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	72.4	4.0	µg/L	100	ND	72.4	40-140			
Phenanthrene (SIM)	75.5	2.0	µg/L	100	ND	75.5	40-140			
Surrogate: o-Terphenyl (OTP)	*80.0*		µg/L	100		80.0	30-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252958 - SW-846 3510C										
Matrix Spike Dup (B252958-MSD1)	**Source: 20B0883-05**			Prepared: 02/24/20 Analyzed: 02/25/20						
Acenaphthylene (SIM)	50.1	8.0	µg/L	100	ND	50.1	40-140	6.41	30	
Benzo(a)anthracene (SIM)	66.2	2.0	µg/L	100	ND	66.2	40-140	12.3	30	
Benzo(a)pyrene (SIM)	67.5	4.0	µg/L	100	ND	67.5	40-140	13.6	30	
Benzo(b)fluoranthene (SIM)	64.3	2.0	µg/L	100	ND	64.3	40-140	12.2	30	
Benzo(g,h,i)perylene (SIM)	56.1	4.0	µg/L	100	ND	56.1	40-140	12.2	30	
Benzo(k)fluoranthene (SIM)	68.6	8.0	µg/L	100	ND	68.6	40-140	14.9	30	
Chrysene (SIM)	69.7	4.0	µg/L	100	ND	69.7	40-140	15.1	30	
Dibenz(a,h)anthracene (SIM)	67.1	4.0	µg/L	100	ND	67.1	40-140	19.9	30	
Indeno(1,2,3-cd)pyrene (SIM)	63.6	4.0	µg/L	100	ND	63.6	40-140	12.9	30	
Phenanthrene (SIM)	69.5	2.0	µg/L	100	ND	69.5	40-140	8.27	30	
Surrogate: o-Terphenyl (OTP)	*72.5*		µg/L	100		72.5	30-130			
Batch B253010 - SW-846 3510C										
Blank (B253010-BLK1)				Prepared: 02/26/20 Analyzed: 02/27/20						
Acenaphthene	ND	5.0	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							R-05, V-34
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							V-05
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	2.0	µg/L							RL-03
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	2.0	µg/L							
Isophorone	ND	10	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							
2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B253010 - SW-846 3510C											
Blank (B253010-BLK1)				Prepared: 02/26/20 Analyzed: 02/27/20							
Naphthalene	ND	5.0	µg/L								
2-Nitroaniline	ND	10	µg/L								
3-Nitroaniline	ND	10	µg/L								
4-Nitroaniline	ND	10	µg/L								
Nitrobenzene	ND	10	µg/L								
2-Nitrophenol	ND	10	µg/L								
4-Nitrophenol	ND	10	µg/L								
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L								
N-Nitrosodi-n-propylamine	ND	10	µg/L								
Pentachloronitrobenzene	ND	10	µg/L								
Pentachlorophenol	ND	5.0	µg/L							RL-03	
Phenol	ND	10	µg/L								
Pyrene	ND	5.0	µg/L								
Pyridine	ND	5.0	µg/L								
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L								
1,2,4-Trichlorobenzene	ND	5.0	µg/L								
2,4,5-Trichlorophenol	ND	10	µg/L							R-05	
2,4,6-Trichlorophenol	ND	10	µg/L								
Surrogate: 2-Fluorophenol	*85.3*		µg/L	200		42.6	15-110				
Surrogate: Phenol-d6	*60.0*		µg/L	200		30.0	15-110				
Surrogate: Nitrobenzene-d5	*58.6*		µg/L	100		58.6	30-130				
Surrogate: 2-Fluorobiphenyl	*83.2*		µg/L	100		83.2	30-130				
Surrogate: 2,4,6-Tribromophenol	*152*		µg/L	200		75.9	15-110				
Surrogate: p-Terphenyl-d14	*79.2*		µg/L	100		79.2	30-130				
LCS (B253010-BS1)				Prepared: 02/26/20 Analyzed: 02/27/20							
Acenaphthene	40.2	5.0	µg/L	50.0		80.3	40-140				
Aniline	38.8	5.0	µg/L	50.0		77.5	40-140				†
Anthracene	43.0	5.0	µg/L	50.0		85.9	40-140				
Bis(2-chloroethoxy)methane	39.0	10	µg/L	50.0		78.1	40-140				
Bis(2-chloroethyl)ether	36.8	10	µg/L	50.0		73.6	40-140				
Bis(2-chloroisopropyl)ether	41.6	10	µg/L	50.0		83.1	40-140				
Bis(2-Ethylhexyl)phthalate	38.6	10	µg/L	50.0		77.2	40-140				
4-Bromophenylphenylether	41.4	10	µg/L	50.0		82.7	40-140				
Butylbenzylphthalate	40.8	10	µg/L	50.0		81.7	40-140				
Carbazole	41.9	10	µg/L	50.0		83.9	40-140				
4-Chloroaniline	41.3	10	µg/L	50.0		82.6	40-140			R-05, V-34	†
4-Chloro-3-methylphenol	39.2	10	µg/L	50.0		78.3	30-130				
2-Chloronaphthalene	34.8	10	µg/L	50.0		69.6	40-140				
2-Chlorophenol	36.0	10	µg/L	50.0		72.1	30-130				
4-Chlorophenylphenylether	41.0	10	µg/L	50.0		81.9	40-140				
Dibenzofuran	42.6	5.0	µg/L	50.0		85.1	40-140				
Di-n-butylphthalate	40.8	10	µg/L	50.0		81.6	40-140				
3,3-Dichlorobenzidine	45.4	10	µg/L	50.0		90.9	40-140				†
2,4-Dichlorophenol	40.5	10	µg/L	50.0		81.0	30-130				
Diethylphthalate	40.2	10	µg/L	50.0		80.5	40-140				
2,4-Dimethylphenol	39.1	10	µg/L	50.0		78.2	30-130				
Dimethylphthalate	41.6	10	µg/L	50.0		83.2	40-140				
4,6-Dinitro-2-methylphenol	36.0	10	µg/L	50.0		71.9	30-130				
2,4-Dinitrophenol	32.3	10	µg/L	50.0		64.7	30-130			V-05	
2,4-Dinitrotoluene	41.7	10	µg/L	50.0		83.5	40-140				
2,6-Dinitrotoluene	44.7	10	µg/L	50.0		89.5	40-140				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes	
Batch B253010 - SW-846 3510C												
LCS (B253010-BS1)				Prepared: 02/26/20 Analyzed: 02/27/20								
Di-n-octylphthalate	38.4	10	µg/L	50.0		76.8	40-140					
Fluoranthene	43.5	5.0	µg/L	50.0		87.0	40-140					
Fluorene	42.2	5.0	µg/L	50.0		84.4	40-140					
Hexachlorobenzene	41.7	10	µg/L	50.0		83.4	40-140					
Hexachlorobutadiene	34.0	10	µg/L	50.0		67.9	40-140					
Hexachlorocyclopentadiene	33.0	10	µg/L	50.0		66.0	30-140					
Hexachloroethane	30.2	10	µg/L	50.0		60.4	40-140					
Isophorone	40.7	10	µg/L	50.0		81.4	40-140					
2-Methylnaphthalene	42.8	5.0	µg/L	50.0		85.7	40-140					
2-Methylphenol	34.3	10	µg/L	50.0		68.6	30-130					
3/4-Methylphenol	32.3	10	µg/L	50.0		64.6	30-130					
Naphthalene	37.5	5.0	µg/L	50.0		75.0	40-140					
2-Nitroaniline	48.0	10	µg/L	50.0		95.9	40-140					
3-Nitroaniline	41.5	10	µg/L	50.0		83.0	40-140					†
4-Nitroaniline	42.6	10	µg/L	50.0		85.3	40-140					
Nitrobenzene	36.6	10	µg/L	50.0		73.2	40-140					
2-Nitrophenol	37.7	10	µg/L	50.0		75.4	30-130					
4-Nitrophenol	19.7	10	µg/L	50.0		39.4	10-130					
N-Nitrosodiphenylamine/Diphenylamine	42.7	10	µg/L	50.0		85.4	40-140					
N-Nitrosodi-n-propylamine	38.2	10	µg/L	50.0		76.4	40-140					
Pentachloronitrobenzene	46.4	10	µg/L	50.0		92.9	40-140					
Pentachlorophenol	43.6	10	µg/L	50.0		87.2	30-130					
Phenol	17.7	10	µg/L	50.0		35.3	20-130					
Pyrene	42.7	5.0	µg/L	50.0		85.4	40-140					
Pyridine	16.8	5.0	µg/L	50.0		33.5	10-140					†
1,2,4,5-Tetrachlorobenzene	39.3	10	µg/L	50.0		78.6	40-140					
1,2,4-Trichlorobenzene	35.5	5.0	µg/L	50.0		71.0	40-140					
2,4,5-Trichlorophenol	43.5	10	µg/L	50.0		87.0	30-130				R-05	
2,4,6-Trichlorophenol	42.5	10	µg/L	50.0		85.0	30-130					
Surrogate: 2-Fluorophenol	*107*		µg/L	200		53.4	15-110					
Surrogate: Phenol-d6	*79.8*		µg/L	200		39.9	15-110					
Surrogate: Nitrobenzene-d5	*75.9*		µg/L	100		75.9	30-130					
Surrogate: 2-Fluorobiphenyl	*107*		µg/L	100		107	30-130					
Surrogate: 2,4,6-Tribromophenol	*194*		µg/L	200		97.0	15-110					
Surrogate: p-Terphenyl-d14	*91.2*		µg/L	100		91.2	30-130					
LCS Dup (B253010-BSD1)				Prepared: 02/26/20 Analyzed: 02/27/20								
Acenaphthene	34.7	5.0	µg/L	50.0		69.4	40-140	14.6		20		
Aniline	32.7	5.0	µg/L	50.0		65.5	40-140	16.9		50		† ‡
Anthracene	36.6	5.0	µg/L	50.0		73.1	40-140	16.0		20		
Bis(2-chloroethoxy)methane	34.2	10	µg/L	50.0		68.3	40-140	13.3		20		
Bis(2-chloroethyl)ether	31.0	10	µg/L	50.0		61.9	40-140	17.2		20		
Bis(2-chloroisopropyl)ether	35.0	10	µg/L	50.0		70.0	40-140	17.2		20		
Bis(2-Ethylhexyl)phthalate	32.7	10	µg/L	50.0		65.5	40-140	16.5		20		
4-Bromophenylphenylether	36.0	10	µg/L	50.0		72.1	40-140	13.7		20		
Butylbenzylphthalate	34.5	10	µg/L	50.0		69.0	40-140	16.8		20		
Carbazole	35.3	10	µg/L	50.0		70.6	40-140	17.1		20		
4-Chloroaniline	31.9	10	µg/L	50.0		63.7	40-140	**25.8**	*	20	R-05, V-34	†
4-Chloro-3-methylphenol	33.2	10	µg/L	50.0		66.5	30-130	16.3		20		
2-Chloronaphthalene	33.0	10	µg/L	50.0		66.0	40-140	5.37		20		
2-Chlorophenol	31.4	10	µg/L	50.0		62.8	30-130	13.8		20		
4-Chlorophenylphenylether	35.8	10	µg/L	50.0		71.6	40-140	13.4		20		

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes	
Batch B253010 - SW-846 3510C												
LCS Dup (B253010-BSD1)				Prepared: 02/26/20 Analyzed: 02/27/20								
Dibenzofuran	36.9	5.0	µg/L	50.0		73.8	40-140	14.2		20		
Di-n-butylphthalate	34.8	10	µg/L	50.0		69.7	40-140	15.8		20		
3,3-Dichlorobenzidine	39.0	10	µg/L	50.0		77.9	40-140	15.4		20		† ‡
2,4-Dichlorophenol	35.8	10	µg/L	50.0		71.7	30-130	12.2		20		
Diethylphthalate	34.1	10	µg/L	50.0		68.1	40-140	16.6		20		
2,4-Dimethylphenol	33.6	10	µg/L	50.0		67.1	30-130	15.3		20		
Dimethylphthalate	35.2	10	µg/L	50.0		70.4	40-140	16.6		50		
4,6-Dinitro-2-methylphenol	33.5	10	µg/L	50.0		67.0	30-130	7.14		50		
2,4-Dinitrophenol	30.9	10	µg/L	50.0		61.8	30-130	4.56		50	V-05	
2,4-Dinitrotoluene	36.6	10	µg/L	50.0		73.3	40-140	13.0		20		
2,6-Dinitrotoluene	39.5	10	µg/L	50.0		79.1	40-140	12.4		20		
Di-n-octylphthalate	32.6	10	µg/L	50.0		65.1	40-140	16.5		20		
Fluoranthene	36.6	5.0	µg/L	50.0		73.1	40-140	17.3		20		
Fluorene	35.9	5.0	µg/L	50.0		71.8	40-140	16.1		20		
Hexachlorobenzene	35.8	10	µg/L	50.0		71.6	40-140	15.2		20		
Hexachlorobutadiene	32.6	10	µg/L	50.0		65.1	40-140	4.24		20		
Hexachlorocyclopentadiene	31.8	10	µg/L	50.0		63.6	30-140	3.67		50		
Hexachloroethane	29.1	10	µg/L	50.0		58.2	40-140	3.71		50		
Isophorone	34.9	10	µg/L	50.0		69.8	40-140	15.3		20		
2-Methylnaphthalene	38.2	5.0	µg/L	50.0		76.3	40-140	11.6		20		
2-Methylphenol	28.5	10	µg/L	50.0		57.0	30-130	18.6		20		
3/4-Methylphenol	26.9	10	µg/L	50.0		53.7	30-130	18.4		20		
Naphthalene	33.4	5.0	µg/L	50.0		66.7	40-140	11.7		20		
2-Nitroaniline	42.7	10	µg/L	50.0		85.4	40-140	11.7		20		
3-Nitroaniline	35.2	10	µg/L	50.0		70.5	40-140	16.3		20		†
4-Nitroaniline	36.4	10	µg/L	50.0		72.8	40-140	15.8		20		
Nitrobenzene	32.2	10	µg/L	50.0		64.4	40-140	12.8		20		
2-Nitrophenol	33.6	10	µg/L	50.0		67.2	30-130	11.6		20		
4-Nitrophenol	17.3	10	µg/L	50.0		34.7	10-130	12.7		50		‡
N-Nitrosodiphenylamine/Diphenylamine	36.6	10	µg/L	50.0		73.1	40-140	15.5		20		
N-Nitrosodi-n-propylamine	31.7	10	µg/L	50.0		63.3	40-140	18.7		20		
Pentachloronitrobenzene	41.8	10	µg/L	50.0		83.5	40-140	10.6		20		
Pentachlorophenol	37.8	10	µg/L	50.0		75.6	30-130	14.3		50		
Phenol	14.7	10	µg/L	50.0		29.4	20-130	18.2		20		
Pyrene	37.0	5.0	µg/L	50.0		74.1	40-140	14.2		20		
Pyridine	14.8	5.0	µg/L	50.0		29.7	10-140	12.1		50		†
1,2,4,5-Tetrachlorobenzene	34.0	10	µg/L	50.0		68.0	40-140	14.6		20		
1,2,4-Trichlorobenzene	33.1	5.0	µg/L	50.0		66.3	40-140	6.96		20		
2,4,5-Trichlorophenol	35.4	10	µg/L	50.0		70.7	30-130	**20.6**	*	20	R-05	
2,4,6-Trichlorophenol	36.4	10	µg/L	50.0		72.9	30-130	15.4		50		
Surrogate: 2-Fluorophenol	*91.5*		µg/L	200		45.7	15-110					
Surrogate: Phenol-d6	*67.3*		µg/L	200		33.7	15-110					
Surrogate: Nitrobenzene-d5	*65.9*		µg/L	100		65.9	30-130					
Surrogate: 2-Fluorobiphenyl	*91.0*		µg/L	100		91.0	30-130					
Surrogate: 2,4,6-Tribromophenol	*166*		µg/L	200		82.8	15-110					
Surrogate: p-Terphenyl-d14	*79.8*		µg/L	100		79.8	30-130					

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B253010 - SW-846 3510C											
Matrix Spike (B253010-MS1)	**Source: 20B0883-05**			Prepared: 02/26/20 Analyzed: 02/28/20							
Acenaphthene	38.2	5.1	µg/L	51.0	ND	74.9		40-140			
Aniline	31.6	5.1	µg/L	51.0	ND	61.8		40-140			V-05
Anthracene	41.1	5.1	µg/L	51.0	ND	80.5		40-140			
Bis(2-chloroethoxy)methane	38.8	10	µg/L	51.0	ND	76.0		40-140			
Bis(2-chloroethyl)ether	33.4	10	µg/L	51.0	ND	65.4		40-140			
Bis(2-chloroisopropyl)ether	38.6	10	µg/L	51.0	ND	75.6		40-140			
Bis(2-Ethylhexyl)phthalate	38.4	10	µg/L	51.0	ND	75.3		40-140			
4-Bromophenylphenylether	39.4	10	µg/L	51.0	ND	77.2		40-140			
Butylbenzylphthalate	39.3	10	µg/L	51.0	ND	77.0		40-140			
Carbazole	40.6	10	µg/L	51.0	ND	79.7		40-140			
4-Chloroaniline	28.2	10	µg/L	51.0	ND	55.2		40-140			R-06, V-34
4-Chloro-3-methylphenol	36.1	10	µg/L	51.0	ND	70.7		30-130			
2-Chloronaphthalene	36.6	10	µg/L	51.0	ND	71.7		40-140			
2-Chlorophenol	33.3	10	µg/L	51.0	ND	65.3		30-130			
4-Chlorophenylphenylether	37.9	10	µg/L	51.0	ND	74.3		40-140			
Dibenzofuran	40.3	5.1	µg/L	51.0	ND	78.9		40-140			
Di-n-butylphthalate	39.9	10	µg/L	51.0	ND	78.1		40-140			
3,3-Dichlorobenzidine	24.2	10	µg/L	51.0	ND	47.4		40-140			
2,4-Dichlorophenol	38.7	10	µg/L	51.0	ND	75.8		30-130			
Diethylphthalate	37.3	10	µg/L	51.0	ND	73.2		40-140			
2,4-Dimethylphenol	36.9	10	µg/L	51.0	ND	72.3		30-130			
Dimethylphthalate	38.5	10	µg/L	51.0	ND	75.4		40-140			
4,6-Dinitro-2-methylphenol	39.5	10	µg/L	51.0	ND	77.4		30-130			
2,4-Dinitrophenol	36.9	10	µg/L	51.0	ND	72.4		30-130			
2,4-Dinitrotoluene	39.7	10	µg/L	51.0	ND	77.9		40-140			
2,6-Dinitrotoluene	43.6	10	µg/L	51.0	ND	85.4		40-140			
Di-n-octylphthalate	38.0	10	µg/L	51.0	ND	74.5		40-140			
Fluoranthene	40.9	5.1	µg/L	51.0	ND	80.2		40-140			
Fluorene	39.2	5.1	µg/L	51.0	ND	76.8		40-140			
Hexachlorobenzene	39.1	10	µg/L	51.0	ND	76.6		40-140			
Hexachlorobutadiene	31.6	10	µg/L	51.0	ND	61.8		40-140			
Hexachlorocyclopentadiene	31.9	10	µg/L	51.0	ND	62.4		40-140			
Hexachloroethane	28.4	10	µg/L	51.0	ND	55.6		40-140			
Isophorone	39.3	10	µg/L	51.0	ND	77.1		40-140			
2-Methylnaphthalene	41.3	5.1	µg/L	51.0	ND	81.0		40-140			
2-Methylphenol	30.8	10	µg/L	51.0	ND	60.3		30-130			
3/4-Methylphenol	29.0	10	µg/L	51.0	ND	56.8		30-130			
Naphthalene	36.4	5.1	µg/L	51.0	ND	71.3		40-140			
2-Nitroaniline	45.0	10	µg/L	51.0	ND	88.2		40-140			
3-Nitroaniline	32.9	10	µg/L	51.0	ND	64.4		40-140			
4-Nitroaniline	38.9	10	µg/L	51.0	ND	76.2		40-140			
Nitrobenzene	35.3	10	µg/L	51.0	ND	69.2		40-140			
2-Nitrophenol	36.6	10	µg/L	51.0	ND	71.8		30-130			
4-Nitrophenol	19.4	10	µg/L	51.0	ND	38.0		30-130			
N-Nitrosodiphenylamine/Diphenylamine	41.2	10	µg/L	51.0	ND	80.8		40-140			
N-Nitrosodi-n-propylamine	34.7	10	µg/L	51.0	ND	68.1		40-140			
Pentachloronitrobenzene	42.6	10	µg/L	51.0	ND	83.4		40-140			
Pentachlorophenol	40.5	10	µg/L	51.0	ND	79.3		30-130			
Phenol	15.9	10	µg/L	51.0	ND	31.3		30-130			
Pyrene	41.6	5.1	µg/L	51.0	ND	81.5		40-140			
Pyridine	9.43	5.1	µg/L	51.0	ND	**18.5**	*	40-140			MS-09, R-06
1,2,4,5-Tetrachlorobenzene	37.2	10	µg/L	51.0	ND	72.9		40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B253010 - SW-846 3510C												
Matrix Spike (B253010-MS1)	**Source: 20B0883-05**			Prepared: 02/26/20 Analyzed: 02/28/20								
1,2,4-Trichlorobenzene	35.0	5.1	µg/L	51.0	ND	68.6		40-140				
2,4,5-Trichlorophenol	38.7	10	µg/L	51.0	ND	75.8		30-130				
2,4,6-Trichlorophenol	38.8	10	µg/L	51.0	ND	76.1		30-130				
Surrogate: 2-Fluorophenol	*94.7*		µg/L	204		46.4		15-110				
Surrogate: Phenol-d6	*71.3*		µg/L	204		34.9		15-110				
Surrogate: Nitrobenzene-d5	*72.5*		µg/L	102		71.0		30-130				
Surrogate: 2-Fluorobiphenyl	*101*		µg/L	102		98.8		30-130				
Surrogate: 2,4,6-Tribromophenol	*164*		µg/L	204		80.3		15-110				
Surrogate: p-Terphenyl-d14	*86.1*		µg/L	102		84.4		30-130				
Matrix Spike Dup (B253010-MSD1)	**Source: 20B0883-05**			Prepared: 02/26/20 Analyzed: 02/28/20								
Acenaphthene	33.2	5.0	µg/L	49.5	ND	67.0		40-140	14.1		30	
Aniline	26.6	5.0	µg/L	49.5	ND	53.8		40-140	16.9		30	V-05
Anthracene	35.2	5.0	µg/L	49.5	ND	71.2		40-140	15.3		30	
Bis(2-chloroethoxy)methane	33.3	9.9	µg/L	49.5	ND	67.3		40-140	15.2		30	
Bis(2-chloroethyl)ether	30.8	9.9	µg/L	49.5	ND	62.3		40-140	7.87		30	
Bis(2-chloroisopropyl)ether	35.1	9.9	µg/L	49.5	ND	70.8		40-140	9.59		30	
Bis(2-Ethylhexyl)phthalate	32.5	9.9	µg/L	49.5	ND	65.6		40-140	16.8		30	
4-Bromophenylphenylether	34.1	9.9	µg/L	49.5	ND	68.9		40-140	14.4		30	
Butylbenzylphthalate	34.2	9.9	µg/L	49.5	ND	69.1		40-140	13.8		30	
Carbazole	34.9	9.9	µg/L	49.5	ND	70.6		40-140	15.1		30	
4-Chloroaniline	20.5	9.9	µg/L	49.5	ND	41.4		40-140	**31.6**	*	30	R-06, V-34
4-Chloro-3-methylphenol	31.7	9.9	µg/L	49.5	ND	64.0		30-130	13.0		30	
2-Chloronaphthalene	28.6	9.9	µg/L	49.5	ND	57.7		40-140	24.6		30	
2-Chlorophenol	30.7	9.9	µg/L	49.5	ND	62.1		30-130	8.04		30	
4-Chlorophenylphenylether	33.1	9.9	µg/L	49.5	ND	66.8		40-140	13.6		30	
Dibenzofuran	34.8	5.0	µg/L	49.5	ND	70.4		40-140	14.5		30	
Di-n-butylphthalate	33.9	9.9	µg/L	49.5	ND	68.6		40-140	16.1		30	
3,3-Dichlorobenzidine	18.5	9.9	µg/L	49.5	ND	**37.3**	*	40-140	26.8		30	MS-22
2,4-Dichlorophenol	32.8	9.9	µg/L	49.5	ND	66.3		30-130	16.5		30	
Diethylphthalate	32.5	9.9	µg/L	49.5	ND	65.7		40-140	13.8		30	
2,4-Dimethylphenol	32.4	9.9	µg/L	49.5	ND	65.5		30-130	12.9		30	
Dimethylphthalate	33.1	9.9	µg/L	49.5	ND	66.9		40-140	15.0		30	
4,6-Dinitro-2-methylphenol	36.3	9.9	µg/L	49.5	ND	73.3		30-130	8.43		30	
2,4-Dinitrophenol	34.5	9.9	µg/L	49.5	ND	69.6		30-130	6.84		30	
2,4-Dinitrotoluene	34.7	9.9	µg/L	49.5	ND	70.1		40-140	13.5		30	
2,6-Dinitrotoluene	37.6	9.9	µg/L	49.5	ND	75.9		40-140	14.8		30	
Di-n-octylphthalate	31.9	9.9	µg/L	49.5	ND	64.3		40-140	17.6		30	
Fluoranthene	34.8	5.0	µg/L	49.5	ND	70.3		40-140	16.2		30	
Fluorene	33.2	5.0	µg/L	49.5	ND	67.0		40-140	16.6		30	
Hexachlorobenzene	33.4	9.9	µg/L	49.5	ND	67.5		40-140	15.6		30	
Hexachlorobutadiene	27.7	9.9	µg/L	49.5	ND	56.0		40-140	13.0		30	
Hexachlorocyclopentadiene	28.3	9.9	µg/L	49.5	ND	57.1		40-140	11.9		30	
Hexachloroethane	25.8	9.9	µg/L	49.5	ND	52.1		40-140	9.51		30	
Isophorone	33.7	9.9	µg/L	49.5	ND	68.1		40-140	15.5		30	
2-Methylnaphthalene	36.1	5.0	µg/L	49.5	ND	72.9		40-140	13.6		30	
2-Methylphenol	29.1	9.9	µg/L	49.5	ND	58.9		30-130	5.46		30	
3/4-Methylphenol	26.1	9.9	µg/L	49.5	ND	52.6		30-130	10.7		30	
Naphthalene	31.7	5.0	µg/L	49.5	ND	64.1		40-140	13.6		30	
2-Nitroaniline	39.4	9.9	µg/L	49.5	ND	79.6		40-140	13.3		30	
3-Nitroaniline	27.9	9.9	µg/L	49.5	ND	56.3		40-140	16.5		30	
4-Nitroaniline	32.7	9.9	µg/L	49.5	ND	66.1		40-140	17.2		30	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B253010 - SW-846 3510C												
Matrix Spike Dup (B253010-MSD1)	**Source: 20B0883-05**			Prepared: 02/26/20 Analyzed: 02/28/20								
Nitrobenzene	31.5	9.9	µg/L	49.5	ND	63.7		40-140	11.3		30	
2-Nitrophenol	33.0	9.9	µg/L	49.5	ND	66.7		30-130	10.3		30	
4-Nitrophenol	16.4	9.9	µg/L	49.5	ND	33.2		30-130	16.4		30	
N-Nitrosodiphenylamine/Diphenylamine	35.6	9.9	µg/L	49.5	ND	71.9		40-140	14.7		30	
N-Nitrosodi-n-propylamine	31.3	9.9	µg/L	49.5	ND	63.2		40-140	10.5		30	
Pentachloronitrobenzene	35.4	9.9	µg/L	49.5	ND	71.5		40-140	18.3		30	
Pentachlorophenol	36.5	9.9	µg/L	49.5	ND	73.8		30-130	10.2		30	
Phenol	14.1	9.9	µg/L	49.5	ND	**28.5**	*	30-130	12.2		30	MS-22
Pyrene	35.5	5.0	µg/L	49.5	ND	71.6		40-140	15.9		30	
Pyridine	5.72	5.0	µg/L	49.5	ND	**11.6**	*	40-140	**48.9**	*	30	MS-09, R-06
1,2,4,5-Tetrachlorobenzene	32.4	9.9	µg/L	49.5	ND	65.4		40-140	13.8		30	
1,2,4-Trichlorobenzene	30.4	5.0	µg/L	49.5	ND	61.4		40-140	14.1		30	
2,4,5-Trichlorophenol	33.4	9.9	µg/L	49.5	ND	67.4		30-130	14.7		30	
2,4,6-Trichlorophenol	33.5	9.9	µg/L	49.5	ND	67.7		30-130	14.6		30	
Surrogate: 2-Fluorophenol	*87.7*		µg/L	198		44.3		15-110				
Surrogate: Phenol-d6	*64.7*		µg/L	198		32.7		15-110				
Surrogate: Nitrobenzene-d5	*63.4*		µg/L	99.0		64.0		30-130				
Surrogate: 2-Fluorobiphenyl	*87.9*		µg/L	99.0		88.8		30-130				
Surrogate: 2,4,6-Tribromophenol	*141*		µg/L	198		71.0		15-110				
Surrogate: p-Terphenyl-d14	*75.4*		µg/L	99.0		76.2		30-130				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B253011 - SW-846 3510C										
Blank (B253011-BLK1)				Prepared: 02/26/20 Analyzed: 02/28/20						
CT ETPH	ND	0.15	mg/L							
Surrogate: 2-Fluorobiphenyl	*0.0799*		mg/L	0.100		79.9	50-150			
LCS (B253011-BS1)				Prepared: 02/26/20 Analyzed: 02/28/20						
CT ETPH	0.696	0.15	mg/L	1.00		69.6	60-120			
Surrogate: 2-Fluorobiphenyl	*0.0768*		mg/L	0.100		76.8	50-150			
LCS Dup (B253011-BSD1)				Prepared: 02/26/20 Analyzed: 02/28/20						
CT ETPH	0.687	0.15	mg/L	1.00		68.7	60-120	1.30	30	
Surrogate: 2-Fluorobiphenyl	*0.0744*		mg/L	0.100		74.4	50-150			
Matrix Spike (B253011-MS1)	**Source: 20B0883-05**			Prepared: 02/26/20 Analyzed: 02/28/20						
CT ETPH	1.02	0.15	mg/L	0.990	0.311	72.0	50-150			
Surrogate: 2-Fluorobiphenyl	*0.0809*		mg/L	0.0990		81.8	50-150			
Matrix Spike Dup (B253011-MSD1)	**Source: 20B0883-05**			Prepared: 02/26/20 Analyzed: 02/28/20						
CT ETPH	1.04	0.15	mg/L	1.02	0.311	71.8	50-150	1.94	30	
Surrogate: 2-Fluorobiphenyl	*0.0824*		mg/L	0.102		80.8	50-150			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252854 - SW-846 3510C										
Blank (B252854-BLK1)				Prepared: 02/24/20 Analyzed: 02/25/20						
C9-C18 Aliphatics	ND	100	µg/L							
C19-C36 Aliphatics	ND	100	µg/L							
Unadjusted C11-C22 Aromatics	ND	100	µg/L							
C11-C22 Aromatics	ND	100	µg/L							
Acenaphthene	ND	2.0	µg/L							
Anthracene	ND	2.0	µg/L							
Fluoranthene	ND	2.0	µg/L							
Fluorene	ND	2.0	µg/L							
2-Methylnaphthalene	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
Pyrene	ND	2.0	µg/L							
Naphthalene-aliphatic fraction	ND	2.0	µg/L							
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L							
Surrogate: Chlorooctadecane (COD)	*69.0*		µg/L	100		69.0	40-140			
Surrogate: o-Terphenyl (OTP)	*80.5*		µg/L	100		80.5	40-140			
Surrogate: 2-Bromonaphthalene	*101*		µg/L	100		101	40-140			
Surrogate: 2-Fluorobiphenyl	*95.9*		µg/L	100		95.9	40-140			
LCS (B252854-BS1)				Prepared: 02/24/20 Analyzed: 02/25/20						
C9-C18 Aliphatics	449	100	µg/L	600		74.8	0-200			
C19-C36 Aliphatics	733	100	µg/L	800		91.7	0-200			
Unadjusted C11-C22 Aromatics	1370	100	µg/L	1700		80.8	0-200			
Acenaphthene	70.3	2.0	µg/L	100		70.3	40-140			
Anthracene	78.0	2.0	µg/L	100		78.0	40-140			
Fluoranthene	81.8	2.0	µg/L	100		81.8	40-140			
Fluorene	71.3	2.0	µg/L	100		71.3	40-140			
2-Methylnaphthalene	62.1	2.0	µg/L	100		62.1	40-140			
Naphthalene	57.1	2.0	µg/L	100		57.1	40-140			
Pyrene	82.6	2.0	µg/L	100		82.6	40-140			
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*72.5*		µg/L	100		72.5	40-140			
Surrogate: o-Terphenyl (OTP)	*78.2*		µg/L	100		78.2	40-140			
Surrogate: 2-Bromonaphthalene	*96.8*		µg/L	100		96.8	40-140			
Surrogate: 2-Fluorobiphenyl	*94.7*		µg/L	100		94.7	40-140			
LCS Dup (B252854-BSD1)				Prepared: 02/24/20 Analyzed: 02/25/20						
C9-C18 Aliphatics	461	100	µg/L	600		76.9	0-200	2.78		
C19-C36 Aliphatics	707	100	µg/L	800		88.4	0-200	3.69		
Unadjusted C11-C22 Aromatics	1460	100	µg/L	1700		86.0	0-200	6.21		
Acenaphthene	79.4	2.0	µg/L	100		79.4	40-140	12.1	25	
Anthracene	81.8	2.0	µg/L	100		81.8	40-140	4.78	25	
Fluoranthene	84.1	2.0	µg/L	100		84.1	40-140	2.69	25	
Fluorene	79.2	2.0	µg/L	100		79.2	40-140	10.5	25	
2-Methylnaphthalene	73.1	2.0	µg/L	100		73.1	40-140	16.2	25	
Naphthalene	69.7	2.0	µg/L	100		69.7	40-140	19.9	25	
Pyrene	84.8	2.0	µg/L	100		84.8	40-140	2.59	25	
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*69.9*		µg/L	100		69.9	40-140			
Surrogate: o-Terphenyl (OTP)	*82.3*		µg/L	100		82.3	40-140			
Surrogate: 2-Bromonaphthalene	*96.2*		µg/L	100		96.2	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252854 - SW-846 3510C										
LCS Dup (B252854-BSD1)				Prepared: 02/24/20 Analyzed: 02/25/20						
Surrogate: 2-Fluorobiphenyl	*91.9*		µg/L	100		91.9	40-140			
Matrix Spike (B252854-MS1)		**Source: 20B0883-05**		Prepared: 02/24/20 Analyzed: 02/25/20						
C9-C18 Aliphatics	394	100	µg/L	600	57.8	56.0	40-140			
C19-C36 Aliphatics	832	100	µg/L	800	90.5	92.6	40-140			
Unadjusted C11-C22 Aromatics	1450	100	µg/L	1700	78.3	80.9	40-140			
Acenaphthene	66.7	2.0	µg/L	100	ND	66.7	40-140			
Anthracene	90.6	2.0	µg/L	100	ND	90.6	40-140			
Fluoranthene	93.3	2.0	µg/L	100	ND	93.3	40-140			
Fluorene	75.2	2.0	µg/L	100	ND	75.2	40-140			
2-Methylnaphthalene	51.8	2.0	µg/L	100	ND	51.8	40-140			
Naphthalene	44.6	2.0	µg/L	100	ND	44.6	40-140			
Pyrene	93.6	2.0	µg/L	100	ND	93.6	40-140			
Surrogate: Chlorooctadecane (COD)	*70.0*		µg/L	100		70.0	40-140			
Surrogate: o-Terphenyl (OTP)	*92.7*		µg/L	100		92.7	40-140			
Surrogate: 2-Bromonaphthalene	*114*		µg/L	100		114	40-140			
Surrogate: 2-Fluorobiphenyl	*108*		µg/L	100		108	40-140			
Matrix Spike Dup (B252854-MSD1)		**Source: 20B0883-05**		Prepared: 02/24/20 Analyzed: 02/25/20						
C9-C18 Aliphatics	385	100	µg/L	600	57.8	54.5	40-140	2.38	50	
C19-C36 Aliphatics	791	100	µg/L	800	90.5	87.6	40-140	4.98	50	
Unadjusted C11-C22 Aromatics	1310	100	µg/L	1700	78.3	72.4	40-140	10.5	50	
Acenaphthene	60.7	2.0	µg/L	100	ND	60.7	40-140	9.30	50	
Anthracene	82.3	2.0	µg/L	100	ND	82.3	40-140	9.56	50	
Fluoranthene	84.2	2.0	µg/L	100	ND	84.2	40-140	10.2	50	
Fluorene	69.5	2.0	µg/L	100	ND	69.5	40-140	7.80	50	
2-Methylnaphthalene	48.4	2.0	µg/L	100	ND	48.4	40-140	6.71	50	
Naphthalene	44.2	2.0	µg/L	100	ND	44.2	40-140	0.901	50	
Pyrene	84.4	2.0	µg/L	100	ND	84.4	40-140	10.3	50	
Surrogate: Chlorooctadecane (COD)	*64.9*		µg/L	100		64.9	40-140			
Surrogate: o-Terphenyl (OTP)	*84.8*		µg/L	100		84.8	40-140			
Surrogate: 2-Bromonaphthalene	*97.7*		µg/L	100		97.7	40-140			
Surrogate: 2-Fluorobiphenyl	*91.5*		µg/L	100		91.5	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252828 - SW-846 3005A										
Blank (B252828-BLK1)				Prepared: 02/22/20 Analyzed: 02/24/20						
Antimony	ND	1.0	µg/L							
Arsenic	ND	0.80	µg/L							
Barium	ND	10	µg/L							
Beryllium	ND	0.40	µg/L							
Cadmium	ND	0.20	µg/L							
Chromium	ND	1.0	µg/L							
Copper	ND	1.0	µg/L							
Lead	ND	0.50	µg/L							
Nickel	ND	5.0	µg/L							
Selenium	ND	5.0	µg/L							
Silver	ND	0.20	µg/L							
Thallium	ND	0.20	µg/L							
Vanadium	ND	5.0	µg/L							
Zinc	ND	10	µg/L							
LCS (B252828-BS1)				Prepared: 02/22/20 Analyzed: 02/24/20						
Antimony	491	10	µg/L	500		98.1	80-120			
Arsenic	518	8.0	µg/L	500		104	80-120			
Barium	484	100	µg/L	500		96.9	80-120			
Beryllium	491	4.0	µg/L	500		98.3	80-120			
Cadmium	501	2.0	µg/L	500		100	80-120			
Chromium	489	10	µg/L	500		97.8	80-120			
Copper	956	10	µg/L	1000		95.6	80-120			
Lead	491	5.0	µg/L	500		98.1	80-120			
Nickel	498	50	µg/L	500		99.6	80-120			
Selenium	520	50	µg/L	500		104	80-120			
Silver	528	2.0	µg/L	500		106	80-120			
Thallium	484	2.0	µg/L	500		96.7	80-120			
Vanadium	498	50	µg/L	500		99.6	80-120			
Zinc	1040	100	µg/L	1000		104	80-120			
LCS Dup (B252828-BSD1)				Prepared: 02/22/20 Analyzed: 02/24/20						
Antimony	483	10	µg/L	500		96.5	80-120	1.64	20	
Arsenic	506	8.0	µg/L	500		101	80-120	2.31	20	
Barium	473	100	µg/L	500		94.7	80-120	2.31	20	
Beryllium	489	4.0	µg/L	500		97.8	80-120	0.491	20	
Cadmium	498	2.0	µg/L	500		99.6	80-120	0.595	20	
Chromium	486	10	µg/L	500		97.3	80-120	0.502	20	
Copper	955	10	µg/L	1000		95.5	80-120	0.109	20	
Lead	486	5.0	µg/L	500		97.1	80-120	1.03	20	
Nickel	495	50	µg/L	500		99.0	80-120	0.622	20	
Selenium	516	50	µg/L	500		103	80-120	0.929	20	
Silver	536	2.0	µg/L	500		107	80-120	1.47	20	
Thallium	493	2.0	µg/L	500		98.7	80-120	1.99	20	
Vanadium	493	50	µg/L	500		98.7	80-120	0.922	20	
Zinc	1010	100	µg/L	1000		101	80-120	2.83	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252828 - SW-846 3005A										
Matrix Spike (B252828-MS1)	**Source: 20B0883-05**			Prepared: 02/22/20 Analyzed: 02/24/20						
Antimony	484	10	µg/L	500	ND	96.8	75-125			
Arsenic	504	8.0	µg/L	500	ND	101	75-125			
Barium	707	100	µg/L	500	237	94.0	75-125			
Beryllium	473	4.0	µg/L	500	ND	94.7	75-125			
Cadmium	484	2.0	µg/L	500	ND	96.8	75-125			
Chromium	466	10	µg/L	500	ND	93.2	75-125			
Copper	908	10	µg/L	1000	ND	90.8	75-125			
Lead	476	5.0	µg/L	500	ND	95.2	75-125			
Nickel	472	50	µg/L	500	ND	94.4	75-125			
Selenium	491	50	µg/L	500	ND	98.2	75-125			
Silver	499	2.0	µg/L	500	ND	99.8	75-125			
Thallium	494	2.0	µg/L	500	ND	98.8	75-125			
Vanadium	479	50	µg/L	500	ND	95.9	75-125			
Zinc	1020	100	µg/L	1000	ND	102	75-125			
Matrix Spike Dup (B252828-MSD1)	**Source: 20B0883-05**			Prepared: 02/22/20 Analyzed: 02/24/20						
Antimony	491	10	µg/L	500	ND	98.3	75-125	1.52	20	
Arsenic	517	8.0	µg/L	500	ND	103	75-125	2.45	20	
Barium	706	100	µg/L	500	237	93.9	75-125	0.0933	20	
Beryllium	487	4.0	µg/L	500	ND	97.3	75-125	2.73	20	
Cadmium	500	2.0	µg/L	500	ND	100	75-125	3.18	20	
Chromium	480	10	µg/L	500	ND	96.1	75-125	3.07	20	
Copper	928	10	µg/L	1000	ND	92.8	75-125	2.19	20	
Lead	481	5.0	µg/L	500	ND	96.2	75-125	1.05	20	
Nickel	485	50	µg/L	500	ND	97.0	75-125	2.67	20	
Selenium	524	50	µg/L	500	ND	105	75-125	6.39	20	
Silver	427	2.0	µg/L	500	ND	85.4	75-125	15.6	20	
Thallium	499	2.0	µg/L	500	ND	99.8	75-125	0.975	20	
Vanadium	499	50	µg/L	500	ND	99.8	75-125	4.07	20	
Zinc	1030	100	µg/L	1000	ND	103	75-125	1.67	20	
Batch B252867 - SW-846 7470A Prep										
Blank (B252867-BLK1)				Prepared: 02/24/20 Analyzed: 02/25/20						
Mercury	ND	0.00010	mg/L							
LCS (B252867-BS1)				Prepared: 02/24/20 Analyzed: 02/25/20						
Mercury	0.00371	0.00010	mg/L	0.00400		92.6	80-120			
LCS Dup (B252867-BSD1)				Prepared: 02/24/20 Analyzed: 02/25/20						
Mercury	0.00392	0.00010	mg/L	0.00400		97.9	80-120	5.54	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B252867 - SW-846 7470A Prep										
Matrix Spike (B252867-MS1)		**Source: 20B0883-05**		Prepared: 02/24/20 Analyzed: 02/25/20						
Mercury	0.00373	0.00010	mg/L	0.00400	ND	93.4	75-125			
Matrix Spike Dup (B252867-MSD1)		**Source: 20B0883-05**		Prepared: 02/24/20 Analyzed: 02/25/20						
Mercury	0.00376	0.00010	mg/L	0.00400	ND	93.9	75-125	0.580	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-01	Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
RL-03	Elevated reporting limit based on lowest point in calibration. Requested reporting limit not met.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Water	
CT ETPH	CT
MADEP-EPH-04-1.1 in Water	
C9-C18 Aliphatics	CT,NC,ME,NH-P
C19-C36 Aliphatics	CT,NC,ME,NH-P
Unadjusted C11-C22 Aromatics	CT,NC,ME,NH-P
C11-C22 Aromatics	CT,NC,ME,NH-P
Acenaphthene	CT,NC,ME,NH-P
Anthracene	CT,NC,ME,NH-P
Fluoranthene	CT,NC,ME,NH-P
Fluorene	CT,NC,ME
2-Methylnaphthalene	CT,NC
Naphthalene	CT,NC,ME,NH-P
Pyrene	CT,NC,ME,NH-P
SW-846 6020B in Water	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,RI,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8260C-D in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NY
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromoethane (EDB)	NY
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	NH,NY,ME
o-Xylene	NH,NY,ME
SW-846 8270D-E in Water	
Acenaphthene	CT,NY,NH
Aniline	CT,NY
Anthracene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY
1,3-Dichlorobenzene	NY
1,4-Dichlorobenzene	NY
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D-E in Water	
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4,5-Tetrachlorobenzene	NY
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2020
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2020
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2020
FL	Florida Department of Health	E871027 NELAP	06/30/2020
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2020
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2020
NC-DW	North Carolina Department of Health	25703	07/31/2020
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2020

RSM

20B0883

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 1 of 1

Company Name: Apex Companies LLC
Address: 58 H Connecticut Ave, South Windsor
Phone: 860-282-1700
Project Name: Eversource Energy - Wethersfield
Project Location: Wethersfield, CT
Project Number: 6084-015
Project Manager: Donna Kusk
Con-Test Quote Name/Number: 6084-015
Invoice Recipient: Apex Companies LLC
Sampled By: M. Lachay

Requested Turnaround Time
7-Day ✓ 10-Day
PFAS 10-Day (std) Due Date:

Rush Approval Required
1-Day 3-Day
2-Day 4-Day

Dissolved Metals Samples
Field Filtered
Lab to Filter

Orthophosphate Samples
Field Filtered
Lab to Filter

Data Delivery
Format: PDF ✓ EXCEL
Other:
CLP Like Data Pkg Required:
Email To: dkusk@apexcos.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	VOC's 8260	SVOC's	ALTPH	EPH	Total RSR metals [4 metals]	Dissolved RSR metals												
1	TB20200219	2/19/20	7:30	—	GW	U	C	3				X																	
2	AP-15R-BR	2/19/20	8:50	Grab	GW	U		3	6	2		X	X	X	X	X													
3	AP-2R	2/19/20	8:45	Grab	GW	U		3	6	2		X	X	X	X	X													
4	AP-13R-BR	2/19/20	10:35	Grab	GW	U		3	6	2		X	X	X	X	X													
5	AP-3R	2/19/20	11:10	Grab	GW	U		3	6	2		X	X	X	X	X													
6	AP-4R	12/14/20	12:55	Grab	GW	U		3	6	2		X	X	X	X	X													
7	MS	12/19/20	11:10	Grab	GW	U		3	6	2		X	X	X	X	X													
8	MSD	12/19/20	11:10	Grab	GW	U		3	6	2		X	X	X	X	X													

Courier Use Only
Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)
Trip

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[2] Preservation Code

Relinquished by: (signature)	Date/Time:
Mlachay	2/19/20 3:00
Received by: (signature)	Date/Time:
Jennifer Fridge	2/19/20 3:00
Relinquished by: (signature)	Date/Time:
	2/20/2020 11:00
Received by: (signature)	Date/Time:
	2/20/2020 1110
Relinquished by: (signature)	Date/Time:
	2/20/2020 1700
Received by: (signature)	Date/Time:
3,1,5,3,4,7,5,5	2/20/20 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments: * Hold dissolved CTRSR metals *

Detection Limits Requirements
RL
GL CTRSR GA
Other

Special Requirements
MA MCP Required
MCP Certification Form Required
CT RCP Required ✓
RCP Certification Form Required
MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government Municipality MWRA WRTA
Federal 21 J School
City Brownfield MBTA

Other
Chromatogram
AIHA-LAP,LLC

PCB ONLY
Soxhlet
Non Soxhlet

Lab Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Apex

Received By [signature] Date 2/20/20 Time 1700

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____
Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 3.1, 5.3, 4.7, 5.5
By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? n/a Were Samples Tampered with? n/a
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? _____
Are there Rushes? F Who was notified? _____
Are there Short Holds? F Who was notified? _____
Is there enough Volume? T
Is there Headspace where applicable? T MS/MSD? [signature] F T
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? T On COC? T
Do all samples have the proper pH? Acid pH<2 Base n/a

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	42	1 Liter Plastic		16 oz Amb.	
HCL-	24	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic	14	4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

MS, MSD samples have matching time with sample AP.3R.

C:\MSDChem\2\DATA\B022820\B0228028.D

CT ETPH Discrimination Check

Data File Name B0228028.D
Data File Path C:\MSDChem\2\DATA\B022820\
Operator RMW
Date Acquired 2/28/1920 15:03
Acq. Method File EPH04.M
Sample Name ETPH 1500
Instrument Name GCFID2

Name	Ret Time	Target Response	Average Response	*%D+/-20
n-Nonane	1.20	7582248	8471230	10
n-Decane	1.97	7785320	8471230	8
n-Dodecane	2.99	8057150	8471230	5
n-Tetradecane	3.71	8267565	8471230	2
n-Hexadecane	4.33	8480862	8471230	0
n-Octadecane	4.87	8689532	8471230	-3
n-Eicosane	5.40	8736443	8471230	-3
n-Docosane	6.07	8802936	8471230	-4
n-Tetracosane	6.86	8862953	8471230	-5
n-Hexacosane	7.67	8801746	8471230	-4
n-Octacosane	8.42	8838031	8471230	-4
n-Triacontane	9.11	8725466	8471230	-3
n-Dotriacontane	9.74	8564570	8471230	-1
n-Tetratriacontane	10.34	8520667	8471230	-1
n-Hexatriacontane	10.91	8352968	8471230	1

Samples

20B0883-03
20B0883-04
20B0883-05
20B0883-06
20B0883-02

*One compound allowed %D</=50

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Apex Companies, LLC - South Windsor, C

Project Location: Wethersfield, CT

Project Number: 20B0883

Laboratory Sample ID(s):
20B0883-01 thru 20B0883-06

Sample Date(s):
02/19/2020

List RCP Methods Used:

CTDEP ETPH, MADEP-EPH-04-1.1, SW-846 6020B, SW-846 7470A, SW-846 8260C-D, SW-846 8270D-E

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

Lisa A. Worthington

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** Technical Representative

Printed Name: Lisa A. Worthington **Date:** 03/02/20

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

July 1, 2020

Donna L. Kask
Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074

Project Location: Wethersfield, CT
Client Job Number:
Project Number: 6089-015A
Laboratory Work Order Number: 20F1199

Enclosed are results of analyses for samples received by the laboratory on June 24, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
Project Manager

Table of Contents

Sample Summary 4
Case Narrative 6
Sample Results 9
20F1199-01 9
20F1199-02 15
20F1199-03 21
20F1199-04 27
20F1199-05 33
20F1199-06 39
20F1199-07 41
20F1199-08 47
20F1199-09 53
20F1199-10 59
20F1199-11 65
20F1199-12 71
20F1199-13 73
20F1199-14 79
20F1199-15 85
Sample Preparation Information 87
QC Data 90
Volatile Organic Compounds by GC/MS 90
B260732 90
Semivolatile Organic Compounds by GC/MS 96
B260823 96
B261020 103

Table of Contents (continued)

B261069 103
Petroleum Hydrocarbons Analyses - EPH 105
B260933 105
B261028 106
Metals Analyses (Total) 108
B260699 108
B260749 109
Flag/Qualifier Summary 111
Certifications 112
Chain of Custody/Sample Receipt 117

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074
ATTN: Donna L. Kask

REPORT DATE: 7/1/2020
PURCHASE ORDER NUMBER:
PROJECT NUMBER: 6089-015A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20F1199

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wethersfield, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
AP-12R	20F1199-01	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-101R	20F1199-02	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-2R	20F1199-03	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-6R	20F1199-04	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-11R	20F1199-05	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
TB	20F1199-06	Trip Blank Water		SW-846 8260C-D	
AP-1R	20F1199-07	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-3R	20F1199-08	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-9R	20F1199-09	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074
ATTN: Donna L. Kask

REPORT DATE: 7/1/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 6089-015A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20F1199

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wethersfield, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
DUP 20200623	20F1199-10	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-4R	20F1199-11	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
TB	20F1199-12	Trip Blank Water		SW-846 8260C-D	
AP-13 R BR	20F1199-13	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-15R BR	20F1199-14	Ground Water		MADEP-EPH-04-1.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
TB	20F1199-15	Trip Blank Water		SW-846 8260C-D	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 8270E, only a select list of PAHs was analyzed and reported in order to achieve lower detection limits than possible with EPH analysis.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C-D

Qualifications:

L-17

Compound classified by CT RCP as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

Bromomethane
B260732-BS1

Chloromethane
B260732-BS1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane
B260732-BS1, B260732-MS1, B260732-MSD1, S049776-CCV1

Chloromethane
B260732-BS1, B260732-MS1, B260732-MSD1, S049776-CCV1

SW-846 8270D-E

Qualifications:

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Aniline
B260823-BS1

Hexachlorocyclopentadiene
B260823-BSD1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Pyridine
20F1199-08[AP-3R], B260823-MS1, B260823-MSD1

RL-03

Elevated reporting limit based on lowest point in calibration.
Requested reporting limit not met.

Analyte & Samples(s) Qualified:

Hexachlorobenzene
20F1199-09[AP-9R], 20F1199-10[DUP 20200623], 20F1199-11[AP-4R], 20F1199-13[AP-13 R BR], 20F1199-14[AP-15R BR]

Pentachlorophenol
20F1199-09[AP-9R], 20F1199-10[DUP 20200623], 20F1199-11[AP-4R], 20F1199-13[AP-13 R BR], 20F1199-14[AP-15R BR]

V-04

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria. Reported result is estimated.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol
20F1199-01[AP-12R], 20F1199-02[AP-101R], 20F1199-03[AP-2R], 20F1199-04[AP-6R], 20F1199-05[AP-11R], 20F1199-07[AP-1R], 20F1199-08[AP-3R], B260823-BLK1, B260823-BS1, B260823-BSD1, B260823-MS1, B260823-MSD1, S049785-CCV1

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol
20F1199-09[AP-9R], 20F1199-10[DUP 20200623], 20F1199-11[AP-4R], 20F1199-13[AP-13 R BR], 20F1199-14[AP-15R BR], S049827-CCV1

Aniline
20F1199-01[AP-12R], 20F1199-02[AP-101R], 20F1199-03[AP-2R], 20F1199-04[AP-6R], 20F1199-05[AP-11R], 20F1199-07[AP-1R], 20F1199-08[AP-3R], 20F1199-09[AP-9R], 20F1199-10[DUP 20200623], 20F1199-11[AP-4R], 20F1199-13[AP-13 R BR], 20F1199-14[AP-15R BR], B260823-BLK1, B260823-BS1, B260823-BSD1, B260823-MS1, B260823-MSD1, S049785-CCV1, S049827-CCV1

Hexachlorocyclopentadiene
20F1199-09[AP-9R], 20F1199-10[DUP 20200623], 20F1199-11[AP-4R], 20F1199-13[AP-13 R BR], 20F1199-14[AP-15R BR], S049827-CCV1

Pentachlorophenol
20F1199-09[AP-9R], 20F1199-10[DUP 20200623], 20F1199-11[AP-4R], 20F1199-13[AP-13 R BR], 20F1199-14[AP-15R BR], S049827-CCV1

V-06

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol
B260823-BS1, B260823-BSD1

Pentachlorophenol
B260823-BS1, B260823-BSD1

V-19

Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99. Reported result is estimated.

Analyte & Samples(s) Qualified:

4,6-Dinitro-2-methylphenol
20F1199-01[AP-12R], 20F1199-02[AP-101R], 20F1199-03[AP-2R], 20F1199-04[AP-6R], 20F1199-05[AP-11R], 20F1199-07[AP-1R], 20F1199-08[AP-3R], B260823-BLK1, B260823-BS1, B260823-BSD1, B260823-MS1, B260823-MSD1, S049785-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bis(2-chloroisopropyl)ether
20F1199-09[AP-9R], 20F1199-10[DUP 20200623], 20F1199-11[AP-4R], 20F1199-13[AP-13 R BR], 20F1199-14[AP-15R BR], S049827-CCV1

V-34

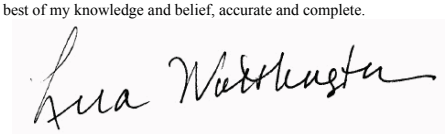
Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

4-Chloroaniline
20F1199-01[AP-12R], 20F1199-02[AP-101R], 20F1199-03[AP-2R], 20F1199-04[AP-6R], 20F1199-05[AP-11R], 20F1199-07[AP-1R], 20F1199-08[AP-3R], 20F1199-09[AP-9R], 20F1199-10[DUP 20200623], 20F1199-11[AP-4R], 20F1199-13[AP-13 R BR], 20F1199-14[AP-15R BR], B260823-BLK1, B260823-BS1, B260823-BSD1, B260823-MS1, B260823-MSD1, S049785-CCV1, S049827-CCV1

Aniline
20F1199-09[AP-9R], 20F1199-10[DUP 20200623], 20F1199-11[AP-4R], 20F1199-13[AP-13 R BR], 20F1199-14[AP-15R BR], S049827-CCV1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-12R | Sampled: 6/22/2020 09:30

Sample ID: 20F1199-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-12R | Sampled: 6/22/2020 09:30

Sample ID: 20F1199-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 13:43	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		6/25/20 13:43
Toluene-d8	100	70-130		6/25/20 13:43
4-Bromofluorobenzene	102	70-130		6/25/20 13:43

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-12R | Sampled: 6/22/2020 09:30

Sample ID: 20F1199-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Acenaphthylene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:25	IMR
Aniline	ND	5.2	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Benzo(a)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:25	IMR
Benzo(a)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:25	IMR
Benzo(b)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:25	IMR
Benzo(g,h,i)perylene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:25	IMR
Benzo(k)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:25	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Chrysene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:25	IMR
Dibenz(a,h)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:25	IMR
Dibenzofuran	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1	V-19	SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
2,4-Dinitrophenol	ND	10	µg/L	1	V-04	SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-12R | Sampled: 6/22/2020 09:30

Sample ID: 20F1199-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Indeno(1,2,3-cd)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:25	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
2-Methylnaphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Naphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Phenanthrene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Phenanthrene (SIM)	1.5	0.050	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:25	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
Pyridine	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
1,2,4-Trichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:32	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	45.9	15-110		6/29/20 12:32
Phenol-d6	32.6	15-110		6/29/20 12:32
Nitrobenzene-d5	70.1	30-130		6/29/20 12:32
2-Fluorobiphenyl	75.6	30-130		6/29/20 12:32
2,4,6-Tribromophenol	81.1	15-110		6/29/20 12:32
p-Terphenyl-d14	83.5	30-130		6/29/20 12:32
o-Terphenyl (OTP)	102	30-130		6/30/20 21:25

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-12R | Sampled: 6/22/2020 09:30

Sample ID: 20F1199-01

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:37	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:37	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:37	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:37	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:37	RDD
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:37	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:37	RDD
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:37	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:37	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:37	RDD
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:37	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	86.2	40-140		6/30/20 19:37
o-Terphenyl (OTP)	79.6	40-140		6/30/20 19:37
2-Bromonaphthalene	95.5	40-140		6/30/20 19:37
2-Fluorobiphenyl	99.8	40-140		6/30/20 19:37

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-12R | Sampled: 6/22/2020 09:30

Sample ID: 20F1199-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:23	QNW
Arsenic	3.0	0.80	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:23	QNW
Barium	290	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:23	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	6/24/20	6/26/20 10:33	QNW
Cadmium	0.24	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:23	QNW
Chromium	11	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:23	QNW
Copper	19	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:23	QNW
Lead	9.7	0.50	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:23	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	6/25/20	6/26/20 10:50	CJV
Nickel	10	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:23	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:23	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:23	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:23	QNW
Vanadium	14	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:23	QNW
Zinc	270	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:23	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-101R | Sampled: 6/22/2020 12:35

Sample ID: 20F1199-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-101R | Sampled: 6/22/2020 12:35

Sample ID: 20F1199-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:09	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		6/25/20 14:09
Toluene-d8	102	70-130		6/25/20 14:09
4-Bromofluorobenzene	103	70-130		6/25/20 14:09

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-101R | Sampled: 6/22/2020 12:35

Sample ID: 20F1199-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:53	IMR
Aniline	ND	5.1	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:53	IMR
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:53	IMR
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:53	IMR
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:53	IMR
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:53	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Chrysene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:53	IMR
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:53	IMR
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1	V-19	SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
2,4-Dinitrophenol	ND	10	µg/L	1	V-04	SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-101R | Sampled: 6/22/2020 12:35

Sample ID: 20F1199-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:53	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 21:53	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
Pyridine	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 12:57	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	41.0	15-110		6/29/20 12:57
Phenol-d6	28.1	15-110		6/29/20 12:57
Nitrobenzene-d5	63.2	30-130		6/29/20 12:57
2-Fluorobiphenyl	68.5	30-130		6/29/20 12:57
2,4,6-Tribromophenol	73.2	15-110		6/29/20 12:57
p-Terphenyl-d14	72.3	30-130		6/29/20 12:57
o-Terphenyl (OTP)	91.2	30-130		6/30/20 21:53

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-101R | Sampled: 6/22/2020 12:35

Sample ID: 20F1199-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:56	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:56	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:56	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:56	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:56	RDD
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:56	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:56	RDD
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:56	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:56	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:56	RDD
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 19:56	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	83.8	40-140		6/30/20 19:56
o-Terphenyl (OTP)	73.0	40-140		6/30/20 19:56
2-Bromonaphthalene	90.6	40-140		6/30/20 19:56
2-Fluorobiphenyl	93.7	40-140		6/30/20 19:56

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-101R | Sampled: 6/22/2020 12:35

Sample ID: 20F1199-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:26	QNW
Arsenic	1.2	0.80	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:26	QNW
Barium	83	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:26	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	6/24/20	6/26/20 10:34	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:26	QNW
Chromium	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:26	QNW
Copper	3.7	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:26	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:26	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	6/25/20	6/26/20 10:52	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:26	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:26	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:26	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:26	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:26	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:26	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-2R | Sampled: 6/22/2020 15:10

Sample ID: 20F1199-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-2R | Sampled: 6/22/2020 15:10

Sample ID: 20F1199-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 14:35	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		6/25/20 14:35
Toluene-d8	102	70-130		6/25/20 14:35
4-Bromofluorobenzene	100	70-130		6/25/20 14:35

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-2R | Sampled: 6/22/2020 15:10

Sample ID: 20F1199-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:21	IMR
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:21	IMR
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:21	IMR
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:21	IMR
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:21	IMR
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:21	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Chrysene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:21	IMR
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:21	IMR
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1	V-19	SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
2,4-Dinitrophenol	ND	10	µg/L	1	V-04	SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-2R | Sampled: 6/22/2020 15:10

Sample ID: 20F1199-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:21	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:21	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
Pyridine	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:22	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	41.4	15-110		6/29/20 13:22
Phenol-d6	29.5	15-110		6/29/20 13:22
Nitrobenzene-d5	63.8	30-130		6/29/20 13:22
2-Fluorobiphenyl	69.5	30-130		6/29/20 13:22
2,4,6-Tribromophenol	74.4	15-110		6/29/20 13:22
p-Terphenyl-d14	72.6	30-130		6/29/20 13:22
o-Terphenyl (OTP)	91.4	30-130		6/30/20 22:21

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-2R | Sampled: 6/22/2020 15:10

Sample ID: 20F1199-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:15	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:15	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:15	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:15	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:15	RDD
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:15	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:15	RDD
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:15	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:15	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:15	RDD
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:15	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	82.4	40-140		6/30/20 20:15
o-Terphenyl (OTP)	78.8	40-140		6/30/20 20:15
2-Bromonaphthalene	95.8	40-140		6/30/20 20:15
2-Fluorobiphenyl	97.4	40-140		6/30/20 20:15

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-2R | Sampled: 6/22/2020 15:10

Sample ID: 20F1199-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:29	QNW
Arsenic	ND	0.80	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:29	QNW
Barium	54	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:29	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	6/24/20	6/26/20 10:36	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:29	QNW
Chromium	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:29	QNW
Copper	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:29	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:29	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	6/25/20	6/26/20 10:54	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:29	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:29	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:29	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:29	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:29	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:29	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-6R | Sampled: 6/22/2020 11:35

Sample ID: 20F1199-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-6R | Sampled: 6/22/2020 11:35

Sample ID: 20F1199-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:02	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		6/25/20 15:02
Toluene-d8	103	70-130		6/25/20 15:02
4-Bromofluorobenzene	101	70-130		6/25/20 15:02

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-6R | Sampled: 6/22/2020 11:35

Sample ID: 20F1199-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Acenaphthylene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:49	IMR
Aniline	ND	5.1	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Benzo(a)anthracene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:49	IMR
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Benzo(a)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:49	IMR
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Benzo(b)fluoranthene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:49	IMR
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Benzo(g,h,i)perylene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:49	IMR
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Benzo(k)fluoranthene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:49	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Chrysene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Chrysene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:49	IMR
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Dibenz(a,h)anthracene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:49	IMR
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1	V-19	SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
2,4-Dinitrophenol	ND	10	µg/L	1	V-04	SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-6R | Sampled: 6/22/2020 11:35

Sample ID: 20F1199-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:49	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Phenanthrene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 22:49	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
Pyridine	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 13:47	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	52.9	15-110		6/29/20 13:47
Phenol-d6	35.6	15-110		6/29/20 13:47
Nitrobenzene-d5	77.3	30-130		6/29/20 13:47
2-Fluorobiphenyl	82.6	30-130		6/29/20 13:47
2,4,6-Tribromophenol	90.0	15-110		6/29/20 13:47
p-Terphenyl-d14	92.5	30-130		6/29/20 13:47
o-Terphenyl (OTP)	78.4	30-130		6/30/20 22:49

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-6R | Sampled: 6/22/2020 11:35

Sample ID: 20F1199-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	97	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:34	RDD
C19-C36 Aliphatics	ND	97	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:34	RDD
Unadjusted C11-C22 Aromatics	ND	97	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:34	RDD
C11-C22 Aromatics	ND	97	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:34	RDD
Acenaphthene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:34	RDD
Anthracene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:34	RDD
Fluoranthene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:34	RDD
Fluorene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:34	RDD
2-Methylnaphthalene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:34	RDD
Naphthalene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:34	RDD
Pyrene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:34	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	78.1	40-140		6/30/20 20:34
o-Terphenyl (OTP)	73.0	40-140		6/30/20 20:34
2-Bromonaphthalene	88.0	40-140		6/30/20 20:34
2-Fluorobiphenyl	93.2	40-140		6/30/20 20:34

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-6R | Sampled: 6/22/2020 11:35

Sample ID: 20F1199-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:32	QNW
Arsenic	1.9	0.80	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:32	QNW
Barium	170	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:32	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	6/24/20	6/26/20 10:37	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:32	QNW
Chromium	1.3	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:32	QNW
Copper	2.6	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:32	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:32	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	6/25/20	6/26/20 10:55	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:32	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:32	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:32	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:32	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:32	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:32	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-11R | Sampled: 6/22/2020 13:25

Sample ID: 20F1199-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-11R | Sampled: 6/22/2020 13:25

Sample ID: 20F1199-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:28	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		6/25/20 15:28
Toluene-d8	101	70-130		6/25/20 15:28
4-Bromofluorobenzene	100	70-130		6/25/20 15:28

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-11R | Sampled: 6/22/2020 13:25

Sample ID: 20F1199-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 23:17	IMR
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 23:17	IMR
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 23:17	IMR
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 23:17	IMR
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 23:17	IMR
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 23:17	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Chrysene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 23:17	IMR
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 23:17	IMR
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1	V-19	SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
2,4-Dinitrophenol	ND	10	µg/L	1	V-04	SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-11R | Sampled: 6/22/2020 13:25

Sample ID: 20F1199-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 23:17	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/29/20	6/30/20 23:17	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
Pyridine	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:12	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	44.9	15-110		6/29/20 14:12
Phenol-d6	29.7	15-110		6/29/20 14:12
Nitrobenzene-d5	67.1	30-130		6/29/20 14:12
2-Fluorobiphenyl	74.2	30-130		6/29/20 14:12
2,4,6-Tribromophenol	79.6	15-110		6/29/20 14:12
p-Terphenyl-d14	78.8	30-130		6/29/20 14:12
o-Terphenyl (OTP)	100	30-130		6/30/20 23:17

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-11R | Sampled: 6/22/2020 13:25

Sample ID: 20F1199-05

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:53	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:53	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:53	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:53	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:53	RDD
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:53	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:53	RDD
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:53	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:53	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:53	RDD
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/29/20	6/30/20 20:53	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	82.9	40-140		6/30/20 20:53
o-Terphenyl (OTP)	80.9	40-140		6/30/20 20:53
2-Bromonaphthalene	92.7	40-140		6/30/20 20:53
2-Fluorobiphenyl	98.1	40-140		6/30/20 20:53

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-11R | Sampled: 6/22/2020 13:25

Sample ID: 20F1199-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:35	QNW
Arsenic	1.7	0.80	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:35	QNW
Barium	110	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:35	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	6/24/20	6/26/20 10:38	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:35	QNW
Chromium	1.2	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:35	QNW
Copper	2.3	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:35	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:35	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	6/25/20	6/26/20 10:57	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:35	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:35	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:35	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:35	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:35	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:35	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: TB | Sampled: 6/22/2020 00:00

Sample ID: 20F1199-06

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: TB | Sampled: 6/22/2020 00:00

Sample ID: 20F1199-06

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:04	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		6/25/20 11:04
Toluene-d8	102	70-130		6/25/20 11:04
4-Bromofluorobenzene	102	70-130		6/25/20 11:04

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-1R | Sampled: 6/23/2020 09:55

Sample ID: 20F1199-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-1R | Sampled: 6/23/2020 09:55

Sample ID: 20F1199-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 15:55	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		6/25/20 15:55
Toluene-d8	103	70-130		6/25/20 15:55
4-Bromofluorobenzene	100	70-130		6/25/20 15:55

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-1R | Sampled: 6/23/2020 09:55

Sample ID: 20F1199-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Acenaphthylene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Acenaphthylene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:06	IMR
Aniline	ND	4.9	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Benzo(a)anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Benzo(a)anthracene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:06	IMR
Benzo(a)pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Benzo(a)pyrene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:06	IMR
Benzo(b)fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Benzo(b)fluoranthene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:06	IMR
Benzo(g,h,i)perylene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Benzo(g,h,i)perylene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:06	IMR
Benzo(k)fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Benzo(k)fluoranthene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:06	IMR
Bis(2-chloroethoxy)methane	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Bis(2-chloroethyl)ether	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Bis(2-chloroisopropyl)ether	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Bis(2-Ethylhexyl)phthalate	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
4-Bromophenylphenylether	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Butylbenzylphthalate	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Carbazole	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
4-Chloroaniline	ND	9.7	µg/L	1	V-34	SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
4-Chloro-3-methylphenol	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
2-Chloronaphthalene	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
2-Chlorophenol	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
4-Chlorophenylphenylether	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Chrysene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Chrysene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:06	IMR
Dibenz(a,h)anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Dibenz(a,h)anthracene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:06	IMR
Dibenzofuran	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Di-n-butylphthalate	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
3,3-Dichlorobenzidine	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
2,4-Dichlorophenol	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Diethylphthalate	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
2,4-Dimethylphenol	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Dimethylphthalate	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
4,6-Dinitro-2-methylphenol	ND	9.7	µg/L	1	V-19	SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
2,4-Dinitrophenol	ND	9.7	µg/L	1	V-04	SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
2,4-Dinitrotoluene	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
2,6-Dinitrotoluene	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Di-n-octylphthalate	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-1R | Sampled: 6/23/2020 09:55

Sample ID: 20F1199-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Hexachlorobenzene	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Hexachlorobutadiene	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Hexachlorocyclopentadiene	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Hexachloroethane	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Indeno(1,2,3-cd)pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:06	IMR
Isophorone	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
2-Methylnaphthalene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
2-Methylphenol	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
3/4-Methylphenol	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Naphthalene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
2-Nitroaniline	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
3-Nitroaniline	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
4-Nitroaniline	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Nitrobenzene	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
2-Nitrophenol	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
4-Nitrophenol	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
N-Nitrosodi-n-propylamine	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Pentachloronitrobenzene	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Pentachlorophenol	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Phenanthrene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Phenanthrene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:06	IMR
Phenol	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
Pyridine	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
1,2,4,5-Tetrachlorobenzene	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
1,2,4-Trichlorobenzene	ND	4.9	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
2,4,5-Trichlorophenol	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB
2,4,6-Trichlorophenol	ND	9.7	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 14:37	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	40.4	15-110		6/29/20 14:37
Phenol-d6	28.3	15-110		6/29/20 14:37
Nitrobenzene-d5	61.0	30-130		6/29/20 14:37
2-Fluorobiphenyl	71.6	30-130		6/29/20 14:37
2,4,6-Tribromophenol	78.1	15-110		6/29/20 14:37
p-Terphenyl-d14	75.2	30-130		6/29/20 14:37
o-Terphenyl (OTP)	77.3	30-130		7/1/20 2:06

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-1R | Sampled: 6/23/2020 09:55

Sample ID: 20F1199-07

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:32	RDD
C19-C36 Aliphatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:32	RDD
Unadjusted C11-C22 Aromatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:32	RDD
C11-C22 Aromatics	ND	96	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:32	RDD
Acenaphthene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:32	RDD
Anthracene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:32	RDD
Fluoranthene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:32	RDD
Fluorene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:32	RDD
2-Methylnaphthalene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:32	RDD
Naphthalene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:32	RDD
Pyrene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:32	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	73.4	40-140		6/30/20 23:32
o-Terphenyl (OTP)	77.3	40-140		6/30/20 23:32
2-Bromonaphthalene	93.7	40-140		6/30/20 23:32
2-Fluorobiphenyl	97.4	40-140		6/30/20 23:32

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-1R | Sampled: 6/23/2020 09:55

Sample ID: 20F1199-07

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:38	QNW
Arsenic	1.2	0.80	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:38	QNW
Barium	180	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:38	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	6/24/20	6/26/20 10:40	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:38	QNW
Chromium	2.5	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:38	QNW
Copper	4.2	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:38	QNW
Lead	0.64	0.50	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:38	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	6/25/20	6/26/20 10:59	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:38	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:38	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:38	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:38	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:38	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:38	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-3R | Sampled: 6/23/2020 11:50

Sample ID: 20F1199-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-3R | Sampled: 6/23/2020 11:50

Sample ID: 20F1199-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:21	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		6/25/20 16:21
Toluene-d8	102	70-130		6/25/20 16:21
4-Bromofluorobenzene	102	70-130		6/25/20 16:21

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-3R | Sampled: 6/23/2020 11:50

Sample ID: 20F1199-08

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Acenaphthylene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:34	IMR
Aniline	ND	5.2	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Benzo(a)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:34	IMR
Benzo(a)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:34	IMR
Benzo(b)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:34	IMR
Benzo(g,h,i)perylene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:34	IMR
Benzo(k)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:34	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Chrysene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:34	IMR
Dibenz(a,h)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:34	IMR
Dibenzofuran	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1	V-19	SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
2,4-Dinitrophenol	ND	10	µg/L	1	V-04	SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-3R | Sampled: 6/23/2020 11:50

Sample ID: 20F1199-08

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Indeno(1,2,3-cd)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:34	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
2-Methylnaphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Naphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Phenanthrene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 2:34	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
Pyridine	ND	5.2	µg/L	1	MS-09	SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
1,2,4-Trichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/29/20 15:02	KLB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	43.7	15-110		6/29/20 15:02
Phenol-d6	30.3	15-110		6/29/20 15:02
Nitrobenzene-d5	68.6	30-130		6/29/20 15:02
2-Fluorobiphenyl	79.0	30-130		6/29/20 15:02
2,4,6-Tribromophenol	84.9	15-110		6/29/20 15:02
p-Terphenyl-d14	81.1	30-130		6/29/20 15:02
o-Terphenyl (OTP)	93.3	30-130		7/1/20 2:34

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-3R | Sampled: 6/23/2020 11:50

Sample ID: 20F1199-08

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:51	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:51	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:51	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:51	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:51	RDD
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:51	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:51	RDD
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:51	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:51	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:51	RDD
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	6/30/20 23:51	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	80.9	40-140		6/30/20 23:51
o-Terphenyl (OTP)	83.1	40-140		6/30/20 23:51
2-Bromonaphthalene	98.6	40-140		6/30/20 23:51
2-Fluorobiphenyl	103	40-140		6/30/20 23:51

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-3R | Sampled: 6/23/2020 11:50

Sample ID: 20F1199-08

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW
Arsenic	1.8	0.80	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW
Barium	230	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW
Chromium	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW
Copper	2.5	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	6/25/20	6/26/20 10:47	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 11:55	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-9R | Sampled: 6/23/2020 09:00

Sample ID: 20F1199-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-9R | Sampled: 6/23/2020 09:00

Sample ID: 20F1199-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 16:47	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		6/25/20 16:47
Toluene-d8	103	70-130		6/25/20 16:47
4-Bromofluorobenzene	101	70-130		6/25/20 16:47

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-9R | Sampled: 6/23/2020 09:00

Sample ID: 20F1199-09

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Acenaphthylene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:03	IMR
Aniline	ND	5.2	µg/L	1	V-05, V-34	SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Benzo(a)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Benzo(a)anthracene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:03	IMR
Benzo(a)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Benzo(a)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:03	IMR
Benzo(b)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Benzo(b)fluoranthene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:03	IMR
Benzo(g,h,i)perylene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:03	IMR
Benzo(k)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:03	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-20	SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Chrysene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Chrysene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:03	IMR
Dibenz(a,h)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:03	IMR
Dibenzofuran	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-9R | Sampled: 6/23/2020 09:00

Sample ID: 20F1199-09

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Hexachlorobenzene	ND	2.1	µg/L	1	RL-03	SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Hexachloroethane	ND	2.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Indeno(1,2,3-cd)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:03	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
2-Methylnaphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Naphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Pentachlorophenol	ND	10	µg/L	1	RL-03, V-05	SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Phenanthrene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Phenanthrene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:03	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
Pyridine	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
1,2,4-Trichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 13:42	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	47.7	15-110		6/30/20 13:42
Phenol-d6	35.3	15-110		6/30/20 13:42
Nitrobenzene-d5	86.6	30-130		6/30/20 13:42
2-Fluorobiphenyl	88.0	30-130		6/30/20 13:42
2,4,6-Tribromophenol	99.9	15-110		6/30/20 13:42
p-Terphenyl-d14	98.7	30-130		6/30/20 13:42
o-Terphenyl (OTP)	90.5	30-130		7/1/20 3:03

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-9R | Sampled: 6/23/2020 09:00

Sample ID: 20F1199-09

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	99	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 0:48	RDD
C19-C36 Aliphatics	ND	99	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 0:48	RDD
Unadjusted C11-C22 Aromatics	ND	99	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 0:48	RDD
C11-C22 Aromatics	ND	99	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 0:48	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 0:48	RDD
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 0:48	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 0:48	RDD
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 0:48	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 0:48	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 0:48	RDD
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 0:48	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	85.2	40-140		7/1/20 0:48
o-Terphenyl (OTP)	85.2	40-140		7/1/20 0:48
2-Bromonaphthalene	90.6	40-140		7/1/20 0:48
2-Fluorobiphenyl	96.5	40-140		7/1/20 0:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-9R | Sampled: 6/23/2020 09:00

Sample ID: 20F1199-09

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:40	QNW
Arsenic	ND	0.80	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:40	QNW
Barium	100	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:40	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	6/24/20	6/26/20 10:41	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:40	QNW
Chromium	1.1	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:40	QNW
Copper	1.8	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:40	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:40	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	6/25/20	6/26/20 11:04	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:40	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:40	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:40	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:40	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:40	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:40	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: DUP 20200623 | Sampled: 6/23/2020 00:00

Sample ID: 20F1199-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: DUP 20200623 | Sampled: 6/23/2020 00:00

Sample ID: 20F1199-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:14	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		6/25/20 17:14
Toluene-d8	102	70-130		6/25/20 17:14
4-Bromofluorobenzene	100	70-130		6/25/20 17:14

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: DUP 20200623 | Sampled: 6/23/2020 00:00

Sample ID: 20F1199-10

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Acenaphthylene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:31	IMR
Aniline	ND	5.3	µg/L	1	V-05, V-34	SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Anthracene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Benzo(a)anthracene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Benzo(a)anthracene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:31	IMR
Benzo(a)pyrene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Benzo(a)pyrene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:31	IMR
Benzo(b)fluoranthene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Benzo(b)fluoranthene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:31	IMR
Benzo(g,h,i)perylene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:31	IMR
Benzo(k)fluoranthene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:31	IMR
Bis(2-chloroethoxy)methane	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Bis(2-chloroethyl)ether	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Bis(2-chloroisopropyl)ether	ND	11	µg/L	1	V-20	SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
4-Bromophenylphenylether	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Butylbenzylphthalate	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Carbazole	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
4-Chloroaniline	ND	11	µg/L	1	V-34	SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
4-Chloro-3-methylphenol	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
2-Chloronaphthalene	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
2-Chlorophenol	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
4-Chlorophenylphenylether	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Chrysene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Chrysene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:31	IMR
Dibenz(a,h)anthracene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:31	IMR
Dibenzofuran	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Di-n-butylphthalate	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
3,3-Dichlorobenzidine	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
2,4-Dichlorophenol	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Diethylphthalate	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
2,4-Dimethylphenol	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Dimethylphthalate	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
4,6-Dinitro-2-methylphenol	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
2,4-Dinitrophenol	ND	11	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
2,4-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
2,6-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Di-n-octylphthalate	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Fluoranthene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: DUP 20200623 | Sampled: 6/23/2020 00:00

Sample ID: 20F1199-10

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Hexachlorobenzene	ND	2.1	µg/L	1	RL-03	SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Hexachlorobutadiene	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Hexachlorocyclopentadiene	ND	11	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Hexachloroethane	ND	2.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Indeno(1,2,3-cd)pyrene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:31	IMR
Isophorone	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
2-Methylnaphthalene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
2-Methylphenol	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
3/4-Methylphenol	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Naphthalene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
2-Nitroaniline	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
3-Nitroaniline	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
4-Nitroaniline	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Nitrobenzene	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
2-Nitrophenol	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
4-Nitrophenol	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
N-Nitrosodi-n-propylamine	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Pentachloronitrobenzene	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Pentachlorophenol	ND	11	µg/L	1	RL-03, V-05	SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Phenanthrene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Phenanthrene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:31	IMR
Phenol	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Pyrene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
Pyridine	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
1,2,4,5-Tetrachlorobenzene	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
1,2,4-Trichlorobenzene	ND	5.3	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
2,4,5-Trichlorophenol	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL
2,4,6-Trichlorophenol	ND	11	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:07	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	49.0	15-110		6/30/20 14:07
Phenol-d6	35.4	15-110		6/30/20 14:07
Nitrobenzene-d5	93.5	30-130		6/30/20 14:07
2-Fluorobiphenyl	90.9	30-130		6/30/20 14:07
2,4,6-Tribromophenol	102	15-110		6/30/20 14:07
p-Terphenyl-d14	100	30-130		6/30/20 14:07
o-Terphenyl (OTP)	97.7	30-130		7/1/20 3:31

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: DUP 20200623 | Sampled: 6/23/2020 00:00

Sample ID: 20F1199-10

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	98	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:07	RDD
C19-C36 Aliphatics	ND	98	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:07	RDD
Unadjusted C11-C22 Aromatics	ND	98	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:07	RDD
C11-C22 Aromatics	ND	98	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:07	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:07	RDD
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:07	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:07	RDD
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:07	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:07	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:07	RDD
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:07	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	90.3	40-140		7/1/20 1:07
o-Terphenyl (OTP)	86.2	40-140		7/1/20 1:07
2-Bromonaphthalene	91.8	40-140		7/1/20 1:07
2-Fluorobiphenyl	103	40-140		7/1/20 1:07

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: DUP 20200623 | Sampled: 6/23/2020 00:00

Sample ID: 20F1199-10

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:49	QNW
Arsenic	0.98	0.80	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:49	QNW
Barium	110	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:49	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	6/24/20	6/26/20 10:43	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:49	QNW
Chromium	1.0	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:49	QNW
Copper	1.9	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:49	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:49	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	6/25/20	6/26/20 11:06	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:49	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:49	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:49	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:49	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:49	QNW
Zinc	15	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:49	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-4R | Sampled: 6/23/2020 12:10

Sample ID: 20F1199-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-4R | Sampled: 6/23/2020 12:10

Sample ID: 20F1199-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 17:40	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		6/25/20 17:40
Toluene-d8	102	70-130		6/25/20 17:40
4-Bromofluorobenzene	101	70-130		6/25/20 17:40

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-4R | Sampled: 6/23/2020 12:10

Sample ID: 20F1199-11

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:59	IMR
Aniline	ND	5.0	µg/L	1	V-05, V-34	SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Benzo(a)anthracene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:59	IMR
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Benzo(a)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:59	IMR
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Benzo(b)fluoranthene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:59	IMR
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:59	IMR
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:59	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-20	SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Chrysene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Chrysene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:59	IMR
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:59	IMR
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-4R | Sampled: 6/23/2020 12:10

Sample ID: 20F1199-11

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:59	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Pentachlorophenol	ND	10	µg/L	1	RL-03, V-05	SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Phenanthrene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 3:59	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
Pyridine	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:31	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	44.6	15-110		6/30/20 14:31
Phenol-d6	32.1	15-110		6/30/20 14:31
Nitrobenzene-d5	81.3	30-130		6/30/20 14:31
2-Fluorobiphenyl	81.2	30-130		6/30/20 14:31
2,4,6-Tribromophenol	96.0	15-110		6/30/20 14:31
p-Terphenyl-d14	92.1	30-130		6/30/20 14:31
o-Terphenyl (OTP)	95.9	30-130		7/1/20 3:59

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-4R | Sampled: 6/23/2020 12:10

Sample ID: 20F1199-11

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	99	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:26	RDD
C19-C36 Aliphatics	ND	99	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:26	RDD
Unadjusted C11-C22 Aromatics	ND	99	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:26	RDD
C11-C22 Aromatics	ND	99	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:26	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:26	RDD
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:26	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:26	RDD
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:26	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:26	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:26	RDD
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:26	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	89.0	40-140		7/1/20 1:26
o-Terphenyl (OTP)	83.1	40-140		7/1/20 1:26
2-Bromonaphthalene	100	40-140		7/1/20 1:26
2-Fluorobiphenyl	105	40-140		7/1/20 1:26

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-4R | Sampled: 6/23/2020 12:10

Sample ID: 20F1199-11

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:52	QNW
Arsenic	ND	0.80	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:52	QNW
Barium	57	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:52	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	6/24/20	6/26/20 10:47	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:52	QNW
Chromium	1.8	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:52	QNW
Copper	2.1	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:52	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:52	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	6/25/20	6/26/20 11:08	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:52	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:52	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:52	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:52	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:52	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:52	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: TB | Sampled: 6/23/2020 00:00

Sample ID: 20F1199-12

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: TB | Sampled: 6/23/2020 00:00

Sample ID: 20F1199-12

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 11:31	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		6/25/20 11:31
Toluene-d8	102	70-130		6/25/20 11:31
4-Bromofluorobenzene	101	70-130		6/25/20 11:31

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-13 R BR | Sampled: 6/24/2020 08:40

Sample ID: 20F1199-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-13 R BR | Sampled: 6/24/2020 08:40

Sample ID: 20F1199-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:07	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		6/25/20 18:07
Toluene-d8	101	70-130		6/25/20 18:07
4-Bromofluorobenzene	103	70-130		6/25/20 18:07

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-13 R BR | Sampled: 6/24/2020 08:40

Sample ID: 20F1199-13

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Acenaphthylene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:27	IMR
Aniline	ND	5.1	µg/L	1	V-05, V-34	SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Benzo(a)anthracene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:27	IMR
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Benzo(a)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:27	IMR
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Benzo(b)fluoranthene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:27	IMR
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:27	IMR
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Benzo(k)fluoranthene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:27	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-20	SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Chrysene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Chrysene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:27	IMR
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:27	IMR
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-13 R BR | Sampled: 6/24/2020 08:40

Sample ID: 20F1199-13

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:27	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Pentachlorophenol	ND	10	µg/L	1	RL-03, V-05	SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Phenanthrene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:27	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
Pyridine	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 14:56	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	44.5	15-110		6/30/20 14:56
Phenol-d6	32.5	15-110		6/30/20 14:56
Nitrobenzene-d5	76.4	30-130		6/30/20 14:56
2-Fluorobiphenyl	76.0	30-130		6/30/20 14:56
2,4,6-Tribromophenol	92.5	15-110		6/30/20 14:56
p-Terphenyl-d14	91.6	30-130		6/30/20 14:56
o-Terphenyl (OTP)	89.8	30-130		7/1/20 4:27

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-13 R BR | Sampled: 6/24/2020 08:40

Sample ID: 20F1199-13

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	97	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:44	RDD
C19-C36 Aliphatics	ND	97	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:44	RDD
Unadjusted C11-C22 Aromatics	ND	97	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:44	RDD
C11-C22 Aromatics	ND	97	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:44	RDD
Acenaphthene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:44	RDD
Anthracene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:44	RDD
Fluoranthene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:44	RDD
Fluorene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:44	RDD
2-Methylnaphthalene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:44	RDD
Naphthalene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:44	RDD
Pyrene	ND	1.9	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 1:44	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	88.8	40-140		7/1/20 1:44
o-Terphenyl (OTP)	81.8	40-140		7/1/20 1:44
2-Bromonaphthalene	92.8	40-140		7/1/20 1:44
2-Fluorobiphenyl	102	40-140		7/1/20 1:44

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-13 R BR | Sampled: 6/24/2020 08:40

Sample ID: 20F1199-13

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:55	QNW
Arsenic	1.2	0.80	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:55	QNW
Barium	300	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:55	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	6/24/20	6/26/20 10:48	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:55	QNW
Chromium	2.4	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:55	QNW
Copper	3.1	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:55	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:55	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	6/25/20	6/26/20 11:09	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:55	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:55	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:55	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:55	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:55	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:55	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-15R BR | Sampled: 6/24/2020 12:05

Sample ID: 20F1199-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-15R BR | Sampled: 6/24/2020 12:05

Sample ID: 20F1199-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 18:33	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		6/25/20 18:33
Toluene-d8	102	70-130		6/25/20 18:33
4-Bromofluorobenzene	100	70-130		6/25/20 18:33

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-15R BR | Sampled: 6/24/2020 12:05

Sample ID: 20F1199-14

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:55	IMR
Aniline	ND	5.1	µg/L	1	V-05, V-34	SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:55	IMR
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:55	IMR
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:55	IMR
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:55	IMR
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:55	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-20	SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Chrysene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:55	IMR
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:55	IMR
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199
Date Received: 6/24/2020
Field Sample #: AP-15R BR | Sampled: 6/24/2020 12:05
Sample ID: 20F1199-14
Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:55	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Pentachlorophenol	ND	10	µg/L	1	RL-03, V-05	SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	6/30/20	7/1/20 4:55	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
Pyridine	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	6/26/20	6/30/20 15:22	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	45.1	15-110		6/30/20 15:22
Phenol-d6	32.5	15-110		6/30/20 15:22
Nitrobenzene-d5	86.2	30-130		6/30/20 15:22
2-Fluorobiphenyl	85.0	30-130		6/30/20 15:22
2,4,6-Tribromophenol	104	15-110		6/30/20 15:22
p-Terphenyl-d14	96.7	30-130		6/30/20 15:22
o-Terphenyl (OTP)	93.4	30-130		7/1/20 4:55

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-15R BR | Sampled: 6/24/2020 12:05

Sample ID: 20F1199-14

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 2:03	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 2:03	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 2:03	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 2:03	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 2:03	RDD
Anthracene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 2:03	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 2:03	RDD
Fluorene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 2:03	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 2:03	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 2:03	RDD
Pyrene	ND	2.0	µg/L	1		MADEP-EPH-04-1.1	6/30/20	7/1/20 2:03	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	83.0	40-140		7/1/20 2:03
o-Terphenyl (OTP)	81.1	40-140		7/1/20 2:03
2-Bromonaphthalene	93.6	40-140		7/1/20 2:03
2-Fluorobiphenyl	101	40-140		7/1/20 2:03

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: AP-15R BR | Sampled: 6/24/2020 12:05

Sample ID: 20F1199-14

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:58	QNW
Arsenic	3.4	0.80	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:58	QNW
Barium	210	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:58	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	6/24/20	6/26/20 10:50	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:58	QNW
Chromium	2.3	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:58	QNW
Copper	2.9	1.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:58	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:58	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	6/25/20	6/26/20 11:11	CJV
Nickel	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:58	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:58	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:58	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:58	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:58	QNW
Zinc	200	10	µg/L	1		SW-846 6020B	6/24/20	6/25/20 12:58	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: TB | Sampled: 6/24/2020 00:00

Sample ID: 20F1199-15

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20F1199

Date Received: 6/24/2020

Field Sample #: TB | Sampled: 6/24/2020 00:00

Sample ID: 20F1199-15

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	6/25/20	6/25/20 10:38	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		6/25/20 10:38
Toluene-d8	102	70-130		6/25/20 10:38
4-Bromofluorobenzene	102	70-130		6/25/20 10:38

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3510C **Analytical Method: MADEP-EPH-04-1.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20F1199-01 [AP-12R]	B260933	1000	2.00	06/29/20
20F1199-02 [AP-101R]	B260933	1000	2.00	06/29/20
20F1199-03 [AP-2R]	B260933	1000	2.00	06/29/20
20F1199-04 [AP-6R]	B260933	980	1.90	06/29/20
20F1199-05 [AP-11R]	B260933	1000	2.00	06/29/20

Prep Method: SW-846 3510C **Analytical Method: MADEP-EPH-04-1.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20F1199-07 [AP-1R]	B261028	990	1.90	06/30/20
20F1199-08 [AP-3R]	B261028	1000	2.00	06/30/20
20F1199-09 [AP-9R]	B261028	960	1.90	06/30/20
20F1199-10 [DUP 20200623]	B261028	970	1.90	06/30/20
20F1199-11 [AP-4R]	B261028	960	1.90	06/30/20
20F1199-13 [AP-13 R BR]	B261028	980	1.90	06/30/20
20F1199-14 [AP-15R BR]	B261028	1000	2.00	06/30/20

Prep Method: SW-846 3005A **Analytical Method: SW-846 6020B**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20F1199-01 [AP-12R]	B260699	50.0	50.0	06/24/20
20F1199-02 [AP-101R]	B260699	50.0	50.0	06/24/20
20F1199-03 [AP-2R]	B260699	50.0	50.0	06/24/20
20F1199-04 [AP-6R]	B260699	50.0	50.0	06/24/20
20F1199-05 [AP-11R]	B260699	50.0	50.0	06/24/20
20F1199-07 [AP-1R]	B260699	50.0	50.0	06/24/20
20F1199-08 [AP-3R]	B260699	50.0	50.0	06/24/20
20F1199-09 [AP-9R]	B260699	50.0	50.0	06/24/20
20F1199-10 [DUP 20200623]	B260699	50.0	50.0	06/24/20
20F1199-11 [AP-4R]	B260699	50.0	50.0	06/24/20
20F1199-13 [AP-13 R BR]	B260699	50.0	50.0	06/24/20
20F1199-14 [AP-15R BR]	B260699	50.0	50.0	06/24/20

Prep Method: SW-846 7470A Prep **Analytical Method: SW-846 7470A**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20F1199-01 [AP-12R]	B260749	6.00	6.00	06/25/20
20F1199-02 [AP-101R]	B260749	6.00	6.00	06/25/20
20F1199-03 [AP-2R]	B260749	6.00	6.00	06/25/20
20F1199-04 [AP-6R]	B260749	6.00	6.00	06/25/20
20F1199-05 [AP-11R]	B260749	6.00	6.00	06/25/20
20F1199-07 [AP-1R]	B260749	6.00	6.00	06/25/20
20F1199-08 [AP-3R]	B260749	6.00	6.00	06/25/20
20F1199-09 [AP-9R]	B260749	6.00	6.00	06/25/20
20F1199-10 [DUP 20200623]	B260749	6.00	6.00	06/25/20
20F1199-11 [AP-4R]	B260749	6.00	6.00	06/25/20
20F1199-13 [AP-13 R BR]	B260749	6.00	6.00	06/25/20
20F1199-14 [AP-15R BR]	B260749	6.00	6.00	06/25/20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 5030B **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20F1199-01 [AP-12R]	B260732	5	5.00	06/25/20
20F1199-02 [AP-101R]	B260732	5	5.00	06/25/20
20F1199-03 [AP-2R]	B260732	5	5.00	06/25/20
20F1199-04 [AP-6R]	B260732	5	5.00	06/25/20
20F1199-05 [AP-11R]	B260732	5	5.00	06/25/20
20F1199-06 [TB]	B260732	5	5.00	06/25/20
20F1199-07 [AP-1R]	B260732	5	5.00	06/25/20
20F1199-08 [AP-3R]	B260732	5	5.00	06/25/20
20F1199-09 [AP-9R]	B260732	5	5.00	06/25/20
20F1199-10 [DUP 20200623]	B260732	5	5.00	06/25/20
20F1199-11 [AP-4R]	B260732	5	5.00	06/25/20
20F1199-12 [TB]	B260732	5	5.00	06/25/20
20F1199-13 [AP-13 R BR]	B260732	5	5.00	06/25/20
20F1199-14 [AP-15R BR]	B260732	5	5.00	06/25/20
20F1199-15 [TB]	B260732	5	5.00	06/25/20

Prep Method: SW-846 3510C **Analytical Method: SW-846 8270D-E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20F1199-01 [AP-12R]	B260823	970	1.00	06/26/20
20F1199-02 [AP-101R]	B260823	990	1.00	06/26/20
20F1199-03 [AP-2R]	B260823	1000	1.00	06/26/20
20F1199-04 [AP-6R]	B260823	975	1.00	06/26/20
20F1199-05 [AP-11R]	B260823	995	1.00	06/26/20
20F1199-07 [AP-1R]	B260823	1030	1.00	06/26/20
20F1199-08 [AP-3R]	B260823	970	1.00	06/26/20
20F1199-09 [AP-9R]	B260823	970	1.00	06/26/20
20F1199-10 [DUP 20200623]	B260823	950	1.00	06/26/20
20F1199-11 [AP-4R]	B260823	1000	1.00	06/26/20
20F1199-13 [AP-13 R BR]	B260823	980	1.00	06/26/20
20F1199-14 [AP-15R BR]	B260823	980	1.00	06/26/20

Prep Method: SW-846 3510C **Analytical Method: SW-846 8270D-E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20F1199-01 [AP-12R]	B261020	1000	1.00	06/29/20
20F1199-02 [AP-101R]	B261020	1000	1.00	06/29/20
20F1199-03 [AP-2R]	B261020	1000	1.00	06/29/20
20F1199-04 [AP-6R]	B261020	980	0.950	06/29/20
20F1199-05 [AP-11R]	B261020	1000	1.00	06/29/20

Prep Method: SW-846 3510C **Analytical Method: SW-846 8270D-E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20F1199-07 [AP-1R]	B261069	990	0.950	06/30/20
20F1199-08 [AP-3R]	B261069	1000	1.00	06/30/20
20F1199-09 [AP-9R]	B261069	960	0.950	06/30/20
20F1199-10 [DUP 20200623]	B261069	970	0.950	06/30/20
20F1199-11 [AP-4R]	B261069	960	0.950	06/30/20
20F1199-13 [AP-13 R BR]	B261069	980	0.950	06/30/20
20F1199-14 [AP-15R BR]	B261069	1000	1.00	06/30/20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B260732 - SW-846 5030B										
Blank (B260732-BLK1)				Prepared & Analyzed: 06/25/20						
Acetone	ND	10	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	0.50	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	5.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	0.60	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	0.50	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	5.0	µg/L							
Isopropylbenzene (Cumene)	ND	0.50	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B260732 - SW-846 5030B										
Blank (B260732-BLK1)				Prepared & Analyzed: 06/25/20						
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	1.0	µg/L							
1,2,4-Trichlorobenzene	ND	0.50	µg/L							
1,1,1-Trichloroethane	ND	0.50	µg/L							
1,1,2-Trichloroethane	ND	0.50	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	0.50	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L							
1,2,4-Trimethylbenzene	ND	0.50	µg/L							
1,3,5-Trimethylbenzene	ND	0.50	µg/L							
Vinyl Chloride	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*26.1*		µg/L	25.0		104	70-130			
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101	70-130			
LCS (B260732-BS1)				Prepared & Analyzed: 06/25/20						
Acetone	103	10	µg/L	100		103	40-160			
Acrylonitrile	9.73	2.0	µg/L	10.0		97.3	70-130			
Benzene	10.1	0.50	µg/L	10.0		101	70-130			
Bromobenzene	9.97	0.50	µg/L	10.0		99.7	70-130			
Bromodichloromethane	10.5	0.50	µg/L	10.0		105	70-130			
Bromoform	10.2	0.50	µg/L	10.0		102	70-130			
Bromomethane	15.0	2.0	µg/L	10.0		150	40-160			L-17, V-20
2-Butanone (MEK)	92.0	5.0	µg/L	100		92.0	40-160			
n-Butylbenzene	9.57	1.0	µg/L	10.0		95.7	70-130			
sec-Butylbenzene	10.3	1.0	µg/L	10.0		103	70-130			
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
Carbon Disulfide	107	5.0	µg/L	100		107	70-130			
Carbon Tetrachloride	10.4	0.50	µg/L	10.0		104	70-130			
Chlorobenzene	11.2	0.50	µg/L	10.0		112	70-130			
Chlorodibromomethane	10.3	0.50	µg/L	10.0		103	40-160			
Chloroethane	12.1	0.50	µg/L	10.0		121	70-130			
Chloroform	10.4	0.50	µg/L	10.0		104	70-130			
Chloromethane	14.6	0.60	µg/L	10.0		146	40-160			L-17, V-20
2-Chlorotoluene	10.5	0.50	µg/L	10.0		105	70-130			
4-Chlorotoluene	10.6	0.50	µg/L	10.0		106	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.94	1.0	µg/L	10.0		89.4	70-130			
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0		104	70-130			
Dibromomethane	10.1	0.50	µg/L	10.0		101	70-130			
1,2-Dichlorobenzene	10.8	0.50	µg/L	10.0		108	70-130			
1,3-Dichlorobenzene	10.8	0.50	µg/L	10.0		108	70-130			
1,4-Dichlorobenzene	10.5	0.50	µg/L	10.0		105	70-130			
trans-1,4-Dichloro-2-butene	8.99	2.0	µg/L	10.0		89.9	70-130			
Dichlorodifluoromethane (Freon 12)	9.89	0.50	µg/L	10.0		98.9	40-160			
1,1-Dichloroethane	9.61	0.50	µg/L	10.0		96.1	70-130			
1,2-Dichloroethane	10.6	0.50	µg/L	10.0		106	70-130			
1,1-Dichloroethylene	10.4	0.50	µg/L	10.0		104	70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B260732 - SW-846 5030B										
LCS (B260732-BS1)				Prepared & Analyzed: 06/25/20						
cis-1,2-Dichloroethylene	10.0	0.50	µg/L	10.0		100	70-130			
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130			
1,2-Dichloropropane	9.65	0.50	µg/L	10.0		96.5	70-130			
1,3-Dichloropropane	10.1	0.50	µg/L	10.0		101	70-130			
2,2-Dichloropropane	9.49	0.50	µg/L	10.0		94.9	70-130			
1,1-Dichloropropene	10.0	0.50	µg/L	10.0		100	70-130			
cis-1,3-Dichloropropene	9.86	0.50	µg/L	10.0		98.6	70-130			
trans-1,3-Dichloropropene	8.87	0.50	µg/L	10.0		88.7	70-130			
Ethylbenzene	10.6	0.50	µg/L	10.0		106	70-130			
Hexachlorobutadiene	10.8	0.60	µg/L	10.0		108	40-160			
2-Hexanone (MBK)	93.7	5.0	µg/L	100		93.7	70-130			
Isopropylbenzene (Cumene)	10.8	0.50	µg/L	10.0		108	70-130			
p-Isopropyltoluene (p-Cymene)	9.95	0.50	µg/L	10.0		99.5	70-130			
Methyl tert-Butyl Ether (MTBE)	9.98	0.50	µg/L	10.0		99.8	70-130			
Methylene Chloride	10.3	5.0	µg/L	10.0		103	70-130			
4-Methyl-2-pentanone (MIBK)	94.4	5.0	µg/L	100		94.4	40-160			
Naphthalene	9.59	2.0	µg/L	10.0		95.9	70-130			
n-Propylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
Styrene	10.8	1.0	µg/L	10.0		108	70-130			
1,1,1,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110	70-130			
1,1,2,2-Tetrachloroethane	10.9	0.50	µg/L	10.0		109	70-130			
Tetrachloroethylene	11.1	1.0	µg/L	10.0		111	70-130			
Tetrahydrofuran	8.75	10	µg/L	10.0		87.5	70-130			
Toluene	10.5	1.0	µg/L	10.0		105	70-130			
1,2,3-Trichlorobenzene	9.86	1.0	µg/L	10.0		98.6	70-130			
1,2,4-Trichlorobenzene	10.1	0.50	µg/L	10.0		101	70-130			
1,1,1-Trichloroethane	10.3	0.50	µg/L	10.0		103	70-130			
1,1,2-Trichloroethane	10.8	0.50	µg/L	10.0		108	70-130			
Trichloroethylene	10.8	1.0	µg/L	10.0		108	70-130			
Trichlorofluoromethane (Freon 11)	11.1	2.0	µg/L	10.0		111	40-160			
1,2,3-Trichloropropane	9.55	0.50	µg/L	10.0		95.5	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2	0.50	µg/L	10.0		112	70-130			
1,2,4-Trimethylbenzene	10.1	0.50	µg/L	10.0		101	70-130			
1,3,5-Trimethylbenzene	10.3	0.50	µg/L	10.0		103	70-130			
Vinyl Chloride	10.4	1.0	µg/L	10.0		104	70-130			
m+p Xylene	21.4	2.0	µg/L	20.0		107	70-130			
o-Xylene	10.8	1.0	µg/L	10.0		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	*25.6*		µg/L	25.0		102	70-130			
Surrogate: Toluene-d8	*25.9*		µg/L	25.0		104	70-130			
Surrogate: 4-Bromofluorobenzene	*25.7*		µg/L	25.0		103	70-130			
Matrix Spike (B260732-MS1)	**Source: 20F1199-08**			Prepared & Analyzed: 06/25/20						
Acetone	98.0	10	µg/L	100	ND	98.0	70-130			
Acrylonitrile	10.0	2.0	µg/L	10.0	ND	100	70-130			
Benzene	10.2	0.50	µg/L	10.0	ND	102	70-130			
Bromobenzene	9.82	0.50	µg/L	10.0	ND	98.2	70-130			
Bromodichloromethane	10.3	0.50	µg/L	10.0	ND	103	70-130			
Bromoform	9.98	0.50	µg/L	10.0	ND	99.8	70-130			
Bromomethane	10.2	2.0	µg/L	10.0	ND	102	70-130			V-20
2-Butanone (MEK)	84.1	5.0	µg/L	100	ND	84.1	70-130			
n-Butylbenzene	9.68	1.0	µg/L	10.0	ND	96.8	70-130			
sec-Butylbenzene	10.6	1.0	µg/L	10.0	ND	106	70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B260732 - SW-846 5030B										
Matrix Spike (B260732-MS1)	**Source: 20F1199-08**			Prepared & Analyzed: 06/25/20						
tert-Butylbenzene	10.5	1.0	µg/L	10.0	ND	105	70-130			
Carbon Disulfide	9.94	5.0	µg/L	10.0	ND	99.4	70-130			
Carbon Tetrachloride	10.8	0.50	µg/L	10.0	ND	108	70-130			
Chlorobenzene	11.2	0.50	µg/L	10.0	ND	112	70-130			
Chlorodibromomethane	10.0	0.50	µg/L	10.0	ND	100	70-130			
Chloroethane	12.2	0.50	µg/L	10.0	ND	122	70-130			
Chloroform	10.6	0.50	µg/L	10.0	ND	106	70-130			
Chloromethane	9.71	0.60	µg/L	10.0	ND	97.1	70-130			V-20
2-Chlorotoluene	10.4	0.50	µg/L	10.0	ND	104	70-130			
4-Chlorotoluene	10.3	0.50	µg/L	10.0	ND	103	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.56	1.0	µg/L	10.0	ND	95.6	70-130			
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.0	ND	105	70-130			
Dibromomethane	10.2	0.50	µg/L	10.0	ND	102	70-130			
1,2-Dichlorobenzene	10.5	0.50	µg/L	10.0	ND	105	70-130			
1,3-Dichlorobenzene	10.9	0.50	µg/L	10.0	ND	109	70-130			
1,4-Dichlorobenzene	10.2	0.50	µg/L	10.0	ND	102	70-130			
trans-1,4-Dichloro-2-butene	10.2	2.0	µg/L	10.0	ND	102	70-130			
Dichlorodifluoromethane (Freon 12)	10.4	0.50	µg/L	10.0	ND	104	70-130			
1,1-Dichloroethane	10.2	0.50	µg/L	10.0	ND	102	70-130			
1,2-Dichloroethane	10.4	0.50	µg/L	10.0	ND	104	70-130			
1,1-Dichloroethylene	11.4	0.50	µg/L	10.0	ND	114	70-130			
cis-1,2-Dichloroethylene	10.2	0.50	µg/L	10.0	ND	102	70-130			
trans-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0	ND	104	70-130			
1,2-Dichloropropane	9.87	0.50	µg/L	10.0	ND	98.7	70-130			
1,3-Dichloropropane	9.83	0.50	µg/L	10.0	ND	98.3	70-130			
2,2-Dichloropropane	9.04	0.50	µg/L	10.0	ND	90.4	70-130			
1,1-Dichloropropene	9.88	0.50	µg/L	10.0	ND	98.8	70-130			
cis-1,3-Dichloropropene	9.31	0.50	µg/L	10.0	ND	93.1	70-130			
trans-1,3-Dichloropropene	9.06	0.50	µg/L	10.0	ND	90.6	70-130			
Ethylbenzene	10.6	0.50	µg/L	10.0	ND	106	70-130			
Hexachlorobutadiene	11.2	0.60	µg/L	10.0	ND	112	70-130			
2-Hexanone (MBK)	86.6	5.0	µg/L	100	ND	86.6	70-130			
Isopropylbenzene (Cumene)	10.9	0.50	µg/L	10.0	ND	109	70-130			
p-Isopropyltoluene (p-Cymene)	10.1	0.50	µg/L	10.0	ND	101	70-130			
Methyl tert-Butyl Ether (MTBE)	10.2	0.50	µg/L	10.0	ND	102	70-130			
Methylene Chloride	10.9	5.0	µg/L	10.0	ND	109	70-130			
4-Methyl-2-pentanone (MIBK)	87.6	5.0	µg/L	100	ND	87.6	70-130			
Naphthalene	8.62	2.0	µg/L	10.0	ND	86.2	70-130			
n-Propylbenzene	10.4	1.0	µg/L	10.0	ND	104	70-130			
Styrene	10.2	1.0	µg/L	10.0	ND	102	70-130			
1,1,1,2-Tetrachloroethane	10.8	0.50	µg/L	10.0	ND	108	70-130			
1,1,2,2-Tetrachloroethane	10.7	0.50	µg/L	10.0	ND	107	70-130			
Tetrachloroethylene	11.3	1.0	µg/L	10.0	ND	113	70-130			
Tetrahydrofuran	10.1	10	µg/L	10.0	ND	101	70-130			
Toluene	10.8	1.0	µg/L	10.0	ND	108	70-130			
1,2,3-Trichlorobenzene	9.04	1.0	µg/L	10.0	ND	90.4	70-130			
1,2,4-Trichlorobenzene	9.59	0.50	µg/L	10.0	ND	95.9	70-130			
1,1,1-Trichloroethane	10.9	0.50	µg/L	10.0	ND	109	70-130			
1,1,2-Trichloroethane	10.7	0.50	µg/L	10.0	ND	107	70-130			
Trichloroethylene	10.6	1.0	µg/L	10.0	ND	106	70-130			
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0	ND	110	70-130			
1,2,3-Trichloropropane	9.80	0.50	µg/L	10.0	ND	98.0	70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B260732 - SW-846 5030B										
Matrix Spike (B260732-MS1)	**Source: 20F1199-08**			Prepared & Analyzed: 06/25/20						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2	0.50	µg/L	10.0	ND	122	70-130			
1,2,4-Trimethylbenzene	9.66	0.50	µg/L	10.0	ND	96.6	70-130			
1,3,5-Trimethylbenzene	10.2	0.50	µg/L	10.0	ND	102	70-130			
Vinyl Chloride	10.1	1.0	µg/L	10.0	ND	101	70-130			
m+p Xylene	21.1	2.0	µg/L	20.0	ND	106	70-130			
o-Xylene	10.8	1.0	µg/L	10.0	ND	108	70-130			
Surrogate: 1,2-Dichloroethane-d4	*26.2*		µg/L	25.0		105	70-130			
Surrogate: Toluene-d8	*25.9*		µg/L	25.0		104	70-130			
Surrogate: 4-Bromofluorobenzene	*25.5*		µg/L	25.0		102	70-130			
Matrix Spike Dup (B260732-MSD1)	**Source: 20F1199-08**			Prepared & Analyzed: 06/25/20						
Acetone	96.0	10	µg/L	100	ND	96.0	70-130	2.08	30	
Acrylonitrile	9.76	2.0	µg/L	10.0	ND	97.6	70-130	2.93	30	
Benzene	10.3	0.50	µg/L	10.0	ND	103	70-130	0.976	30	
Bromobenzene	9.91	0.50	µg/L	10.0	ND	99.1	70-130	0.912	30	
Bromodichloromethane	10.4	0.50	µg/L	10.0	ND	104	70-130	0.677	30	
Bromoform	10.1	0.50	µg/L	10.0	ND	101	70-130	0.798	30	
Bromomethane	11.1	2.0	µg/L	10.0	ND	111	70-130	8.08	30	V-20
2-Butanone (MEK)	83.5	5.0	µg/L	100	ND	83.5	70-130	0.668	30	
n-Butylbenzene	9.88	1.0	µg/L	10.0	ND	98.8	70-130	2.04	30	
sec-Butylbenzene	10.8	1.0	µg/L	10.0	ND	108	70-130	1.96	30	
tert-Butylbenzene	10.4	1.0	µg/L	10.0	ND	104	70-130	0.0957	30	
Carbon Disulfide	10.0	5.0	µg/L	10.0	ND	100	70-130	0.901	30	
Carbon Tetrachloride	10.9	0.50	µg/L	10.0	ND	109	70-130	1.02	30	
Chlorobenzene	11.0	0.50	µg/L	10.0	ND	110	70-130	1.81	30	
Chlorodibromomethane	10.0	0.50	µg/L	10.0	ND	100	70-130	0.0997	30	
Chloroethane	11.1	0.50	µg/L	10.0	ND	111	70-130	9.11	30	
Chloroform	10.5	0.50	µg/L	10.0	ND	105	70-130	0.950	30	
Chloromethane	9.65	0.60	µg/L	10.0	ND	96.5	70-130	0.620	30	V-20
2-Chlorotoluene	10.4	0.50	µg/L	10.0	ND	104	70-130	0.481	30	
4-Chlorotoluene	10.4	0.50	µg/L	10.0	ND	104	70-130	1.55	30	
1,2-Dibromo-3-chloropropane (DBCP)	9.65	1.0	µg/L	10.0	ND	96.5	70-130	0.937	30	
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.0	ND	102	70-130	2.03	30	
Dibromomethane	9.78	0.50	µg/L	10.0	ND	97.8	70-130	4.11	30	
1,2-Dichlorobenzene	10.6	0.50	µg/L	10.0	ND	106	70-130	1.14	30	
1,3-Dichlorobenzene	11.1	0.50	µg/L	10.0	ND	111	70-130	1.27	30	
1,4-Dichlorobenzene	10.5	0.50	µg/L	10.0	ND	105	70-130	3.10	30	
trans-1,4-Dichloro-2-butene	9.25	2.0	µg/L	10.0	ND	92.5	70-130	9.67	30	
Dichlorodifluoromethane (Freon 12)	10.0	0.50	µg/L	10.0	ND	100	70-130	4.30	30	
1,1-Dichloroethane	10.2	0.50	µg/L	10.0	ND	102	70-130	0.686	30	
1,2-Dichloroethane	10.3	0.50	µg/L	10.0	ND	103	70-130	0.965	30	
1,1-Dichloroethylene	11.5	0.50	µg/L	10.0	ND	115	70-130	0.437	30	
cis-1,2-Dichloroethylene	10.0	0.50	µg/L	10.0	ND	100	70-130	1.48	30	
trans-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0	ND	104	70-130	0.578	30	
1,2-Dichloropropane	9.98	0.50	µg/L	10.0	ND	99.8	70-130	1.11	30	
1,3-Dichloropropane	9.94	0.50	µg/L	10.0	ND	99.4	70-130	1.11	30	
2,2-Dichloropropane	9.02	0.50	µg/L	10.0	ND	90.2	70-130	0.221	30	
1,1-Dichloropropene	9.64	0.50	µg/L	10.0	ND	96.4	70-130	2.46	30	
cis-1,3-Dichloropropene	9.19	0.50	µg/L	10.0	ND	91.9	70-130	1.30	30	
trans-1,3-Dichloropropene	9.03	0.50	µg/L	10.0	ND	90.3	70-130	0.332	30	
Ethylbenzene	10.6	0.50	µg/L	10.0	ND	106	70-130	0.188	30	
Hexachlorobutadiene	12.2	0.60	µg/L	10.0	ND	122	70-130	9.14	30	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B260732 - SW-846 5030B										
Matrix Spike Dup (B260732-MSD1)	**Source: 20F1199-08**			Prepared & Analyzed: 06/25/20						
2-Hexanone (MBK)	86.9	5.0	µg/L	100	ND	86.9	70-130	0.357	30	
Isopropylbenzene (Cumene)	10.9	0.50	µg/L	10.0	ND	109	70-130	0.183	30	
p-Isopropyltoluene (p-Cymene)	10.4	0.50	µg/L	10.0	ND	104	70-130	2.53	30	
Methyl tert-Butyl Ether (MTBE)	10.1	0.50	µg/L	10.0	ND	101	70-130	1.08	30	
Methylene Chloride	10.7	5.0	µg/L	10.0	ND	107	70-130	1.67	30	
4-Methyl-2-pentanone (MIBK)	87.3	5.0	µg/L	100	ND	87.3	70-130	0.412	30	
Naphthalene	9.31	2.0	µg/L	10.0	ND	93.1	70-130	7.70	30	
n-Propylbenzene	10.6	1.0	µg/L	10.0	ND	106	70-130	1.90	30	
Styrene	10.6	1.0	µg/L	10.0	ND	106	70-130	3.36	30	
1,1,1,2-Tetrachloroethane	10.8	0.50	µg/L	10.0	ND	108	70-130	0.00	30	
1,1,2,2-Tetrachloroethane	10.6	0.50	µg/L	10.0	ND	106	70-130	0.659	30	
Tetrachloroethylene	11.8	1.0	µg/L	10.0	ND	118	70-130	4.51	30	
Tetrahydrofuran	9.59	10	µg/L	10.0	ND	95.9	70-130	5.08	30	
Toluene	10.7	1.0	µg/L	10.0	ND	107	70-130	0.651	30	
1,2,3-Trichlorobenzene	9.55	1.0	µg/L	10.0	ND	95.5	70-130	5.49	30	
1,2,4-Trichlorobenzene	10.2	0.50	µg/L	10.0	ND	102	70-130	5.77	30	
1,1,1-Trichloroethane	10.8	0.50	µg/L	10.0	ND	108	70-130	1.11	30	
1,1,2-Trichloroethane	11.0	0.50	µg/L	10.0	ND	110	70-130	2.40	30	
Trichloroethylene	10.9	1.0	µg/L	10.0	ND	109	70-130	2.69	30	
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0	ND	110	70-130	0.182	30	
1,2,3-Trichloropropane	9.43	0.50	µg/L	10.0	ND	94.3	70-130	3.85	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9	0.50	µg/L	10.0	ND	119	70-130	2.66	30	
1,2,4-Trimethylbenzene	9.81	0.50	µg/L	10.0	ND	98.1	70-130	1.54	30	
1,3,5-Trimethylbenzene	10.3	0.50	µg/L	10.0	ND	103	70-130	0.683	30	
Vinyl Chloride	10.2	1.0	µg/L	10.0	ND	102	70-130	1.28	30	
m+p Xylene	21.2	2.0	µg/L	20.0	ND	106	70-130	0.236	30	
o-Xylene	10.7	1.0	µg/L	10.0	ND	107	70-130	0.0931	30	
Surrogate: 1,2-Dichloroethane-d4	*25.1*		µg/L	25.0		100	70-130			
Surrogate: Toluene-d8	*26.0*		µg/L	25.0		104	70-130			
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103	70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B260823 - SW-846 3510C										
Blank (B260823-BLK1)				Prepared: 06/26/20 Analyzed: 06/29/20						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Aniline	ND	5.0	µg/L							V-05
Anthracene	ND	5.0	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							V-34
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							V-19
2,4-Dinitrophenol	ND	10	µg/L							V-04
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	2.0	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	2.0	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							
2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B260823 - SW-846 3510C												
Blank (B260823-BLK1)				Prepared: 06/26/20 Analyzed: 06/29/20								
4-Nitrophenol	ND	10	µg/L									
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L									
N-Nitrosodi-n-propylamine	ND	10	µg/L									
Pentachloronitrobenzene	ND	10	µg/L									
Pentachlorophenol	ND	10	µg/L									
Phenanthrene	ND	5.0	µg/L									
Phenol	ND	10	µg/L									
Pyrene	ND	5.0	µg/L									
Pyridine	ND	5.0	µg/L									
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L									
1,2,4-Trichlorobenzene	ND	5.0	µg/L									
2,4,5-Trichlorophenol	ND	10	µg/L									
2,4,6-Trichlorophenol	ND	10	µg/L									
Surrogate: 2-Fluorophenol	*102*		µg/L	200		51.2		15-110				
Surrogate: Phenol-d6	*72.4*		µg/L	200		36.2		15-110				
Surrogate: Nitrobenzene-d5	*76.0*		µg/L	100		76.0		30-130				
Surrogate: 2-Fluorobiphenyl	*84.0*		µg/L	100		84.0		30-130				
Surrogate: 2,4,6-Tribromophenol	*183*		µg/L	200		91.5		15-110				
Surrogate: p-Terphenyl-d14	*89.1*		µg/L	100		89.1		30-130				
LCS (B260823-BS1)				Prepared & Analyzed: 06/26/20								
Acenaphthene	37.4	5.0	µg/L	50.0		74.9		40-140				
Acenaphthylene	35.6	5.0	µg/L	50.0		71.2		40-140				
Aniline	17.0	5.0	µg/L	50.0		**34.0**	*	40-140			L-07, V-05	†
Anthracene	39.6	5.0	µg/L	50.0		79.2		40-140				
Benzo(a)anthracene	39.7	5.0	µg/L	50.0		79.4		40-140				
Benzo(a)pyrene	39.8	5.0	µg/L	50.0		79.5		40-140				
Benzo(b)fluoranthene	41.6	5.0	µg/L	50.0		83.2		40-140				
Benzo(g,h,i)perylene	37.3	5.0	µg/L	50.0		74.6		40-140				
Benzo(k)fluoranthene	41.8	5.0	µg/L	50.0		83.5		40-140				
Bis(2-chloroethoxy)methane	39.4	10	µg/L	50.0		78.8		40-140				
Bis(2-chloroethyl)ether	36.8	10	µg/L	50.0		73.6		40-140				
Bis(2-chloroisopropyl)ether	38.1	10	µg/L	50.0		76.2		40-140				
Bis(2-Ethylhexyl)phthalate	44.6	10	µg/L	50.0		89.1		40-140				
4-Bromophenylphenylether	41.2	10	µg/L	50.0		82.3		40-140				
Butylbenzylphthalate	42.2	10	µg/L	50.0		84.4		40-140				
Carbazole	40.0	10	µg/L	50.0		80.0		40-140				
4-Chloroaniline	28.6	10	µg/L	50.0		57.2		40-140			V-34	†
4-Chloro-3-methylphenol	38.5	10	µg/L	50.0		77.0		30-130				
2-Chloronaphthalene	32.4	10	µg/L	50.0		64.8		40-140				
2-Chlorophenol	34.0	10	µg/L	50.0		68.1		30-130				
4-Chlorophenylphenylether	41.0	10	µg/L	50.0		82.0		40-140				
Chrysene	40.1	5.0	µg/L	50.0		80.2		40-140				
Dibenz(a,h)anthracene	38.8	5.0	µg/L	50.0		77.5		40-140				
Dibenzofuran	40.1	5.0	µg/L	50.0		80.1		40-140				
Di-n-butylphthalate	42.1	10	µg/L	50.0		84.2		40-140				
3,3-Dichlorobenzidine	41.0	10	µg/L	50.0		81.9		40-140				†
2,4-Dichlorophenol	38.7	10	µg/L	50.0		77.4		30-130				
Diethylphthalate	42.1	10	µg/L	50.0		84.3		40-140				
2,4-Dimethylphenol	30.7	10	µg/L	50.0		61.4		30-130				
Dimethylphthalate	41.4	10	µg/L	50.0		82.9		40-140				
4,6-Dinitro-2-methylphenol	28.1	10	µg/L	50.0		56.2		30-130			V-19	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B260823 - SW-846 3510C											
LCS (B260823-BS1)				Prepared & Analyzed: 06/26/20							
2,4-Dinitrophenol	25.4	10	µg/L	50.0		50.8	30-130			V-06, V-04	
2,4-Dinitrotoluene	43.8	10	µg/L	50.0		87.5	40-140				
2,6-Dinitrotoluene	47.5	10	µg/L	50.0		94.9	40-140				
Di-n-octylphthalate	49.2	10	µg/L	50.0		98.5	40-140				
Fluoranthene	40.7	5.0	µg/L	50.0		81.5	40-140				
Fluorene	39.5	5.0	µg/L	50.0		78.9	40-140				
Hexachlorobenzene	40.9	10	µg/L	50.0		81.9	40-140				
Hexachlorobutadiene	34.6	10	µg/L	50.0		69.2	40-140				
Hexachlorocyclopentadiene	15.8	10	µg/L	50.0		31.7	30-140				
Hexachloroethane	28.6	10	µg/L	50.0		57.1	40-140				
Indeno(1,2,3-cd)pyrene	41.5	5.0	µg/L	50.0		82.9	40-140				
Isophorone	38.4	10	µg/L	50.0		76.7	40-140				
2-Methylnaphthalene	41.3	5.0	µg/L	50.0		82.6	40-140				
2-Methylphenol	32.0	10	µg/L	50.0		64.1	30-130				
3/4-Methylphenol	29.9	10	µg/L	50.0		59.9	30-130				
Naphthalene	35.5	5.0	µg/L	50.0		71.0	40-140				
2-Nitroaniline	49.6	10	µg/L	50.0		99.3	40-140				
3-Nitroaniline	39.6	10	µg/L	50.0		79.2	40-140				†
4-Nitroaniline	42.5	10	µg/L	50.0		85.0	40-140				
Nitrobenzene	35.2	10	µg/L	50.0		70.3	40-140				
2-Nitrophenol	42.6	10	µg/L	50.0		85.3	30-130				
4-Nitrophenol	22.6	10	µg/L	50.0		45.2	10-130				
N-Nitrosodiphenylamine/Diphenylamine	41.9	10	µg/L	50.0		83.7	40-140				
N-Nitrosodi-n-propylamine	36.1	10	µg/L	50.0		72.2	40-140				
Pentachloronitrobenzene	41.7	10	µg/L	50.0		83.5	40-140				
Pentachlorophenol	37.0	10	µg/L	50.0		73.9	30-130			V-06	
Phenanthrene	39.4	5.0	µg/L	50.0		78.8	40-140				
Phenol	16.5	10	µg/L	50.0		33.1	20-130				
Pyrene	40.7	5.0	µg/L	50.0		81.4	40-140				
Pyridine	18.0	5.0	µg/L	50.0		36.1	10-140				†
1,2,4,5-Tetrachlorobenzene	33.7	10	µg/L	50.0		67.3	40-140				
1,2,4-Trichlorobenzene	34.6	5.0	µg/L	50.0		69.2	40-140				
2,4,5-Trichlorophenol	40.6	10	µg/L	50.0		81.1	30-130				
2,4,6-Trichlorophenol	40.0	10	µg/L	50.0		80.1	30-130				
Surrogate: 2-Fluorophenol	*98.9*		µg/L	200		49.5	15-110				
Surrogate: Phenol-d6	*68.3*		µg/L	200		34.2	15-110				
Surrogate: Nitrobenzene-d5	*74.6*		µg/L	100		74.6	30-130				
Surrogate: 2-Fluorobiphenyl	*79.6*		µg/L	100		79.6	30-130				
Surrogate: 2,4,6-Tribromophenol	*188*		µg/L	200		94.0	15-110				
Surrogate: p-Terphenyl-d14	*91.4*		µg/L	100		91.4	30-130				
LCS Dup (B260823-BSD1)				Prepared & Analyzed: 06/26/20							
Acenaphthene	35.7	5.0	µg/L	50.0		71.4	40-140	4.84	20		
Acenaphthylene	34.4	5.0	µg/L	50.0		68.8	40-140	3.46	20		
Aniline	23.4	5.0	µg/L	50.0		46.9	40-140	31.9	50	V-05	† ‡
Anthracene	39.1	5.0	µg/L	50.0		78.1	40-140	1.37	20		
Benzo(a)anthracene	38.4	5.0	µg/L	50.0		76.7	40-140	3.48	20		
Benzo(a)pyrene	38.0	5.0	µg/L	50.0		75.9	40-140	4.63	20		
Benzo(b)fluoranthene	39.4	5.0	µg/L	50.0		78.8	40-140	5.43	20		
Benzo(g,h,i)perylene	37.8	5.0	µg/L	50.0		75.5	40-140	1.25	20		
Benzo(k)fluoranthene	40.0	5.0	µg/L	50.0		80.1	40-140	4.21	20		
Bis(2-chloroethoxy)methane	37.9	10	µg/L	50.0		75.8	40-140	3.91	20		

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B260823 - SW-846 3510C												
LCS Dup (B260823-BSD1)				Prepared & Analyzed: 06/26/20								
Bis(2-chloroethyl)ether	37.3	10	µg/L	50.0		74.5		40-140	1.24	20		
Bis(2-chloroisopropyl)ether	37.1	10	µg/L	50.0		74.2		40-140	2.61	20		
Bis(2-Ethylhexyl)phthalate	43.1	10	µg/L	50.0		86.2		40-140	3.31	20		
4-Bromophenylphenylether	39.1	10	µg/L	50.0		78.2		40-140	5.11	20		
Butylbenzylphthalate	41.4	10	µg/L	50.0		82.7		40-140	1.99	20		
Carbazole	38.6	10	µg/L	50.0		77.3		40-140	3.43	20		
4-Chloroaniline	28.0	10	µg/L	50.0		56.0		40-140	2.16	20	V-34	†
4-Chloro-3-methylphenol	37.6	10	µg/L	50.0		75.3		30-130	2.21	20		
2-Chloronaphthalene	32.2	10	µg/L	50.0		64.4		40-140	0.526	20		
2-Chlorophenol	33.5	10	µg/L	50.0		67.1		30-130	1.51	20		
4-Chlorophenylphenylether	39.1	10	µg/L	50.0		78.2		40-140	4.82	20		
Chrysene	38.4	5.0	µg/L	50.0		76.8		40-140	4.33	20		
Dibenz(a,h)anthracene	38.0	5.0	µg/L	50.0		76.0		40-140	2.01	20		
Dibenzofuran	39.2	5.0	µg/L	50.0		78.4		40-140	2.22	20		
Di-n-butylphthalate	40.5	10	µg/L	50.0		81.0		40-140	3.95	20		
3,3-Dichlorobenzidine	39.3	10	µg/L	50.0		78.6		40-140	4.14	20		† ‡
2,4-Dichlorophenol	37.7	10	µg/L	50.0		75.3		30-130	2.65	20		
Diethylphthalate	40.0	10	µg/L	50.0		80.0		40-140	5.16	20		
2,4-Dimethylphenol	29.6	10	µg/L	50.0		59.1		30-130	3.68	20		
Dimethylphthalate	39.1	10	µg/L	50.0		78.1		40-140	5.94	50		
4,6-Dinitro-2-methylphenol	21.8	10	µg/L	50.0		43.7		30-130	25.1	50	V-19	
2,4-Dinitrophenol	16.7	10	µg/L	50.0		33.3		30-130	41.5	50	V-04, V-06	
2,4-Dinitrotoluene	41.9	10	µg/L	50.0		83.8		40-140	4.27	20		
2,6-Dinitrotoluene	44.4	10	µg/L	50.0		88.7		40-140	6.75	20		
Di-n-octylphthalate	49.3	10	µg/L	50.0		98.6		40-140	0.102	20		
Fluoranthene	40.1	5.0	µg/L	50.0		80.2		40-140	1.56	20		
Fluorene	38.5	5.0	µg/L	50.0		77.1		40-140	2.38	20		
Hexachlorobenzene	38.7	10	µg/L	50.0		77.4		40-140	5.60	20		
Hexachlorobutadiene	32.8	10	µg/L	50.0		65.6		40-140	5.43	20		
Hexachlorocyclopentadiene	12.4	10	µg/L	50.0		**24.9**	*	30-140	24.0	50	L-07	
Hexachloroethane	28.2	10	µg/L	50.0		56.4		40-140	1.37	50		
Indeno(1,2,3-cd)pyrene	41.4	5.0	µg/L	50.0		82.8		40-140	0.145	50		
Isophorone	37.0	10	µg/L	50.0		74.0		40-140	3.66	20		
2-Methylnaphthalene	40.3	5.0	µg/L	50.0		80.5		40-140	2.57	20		
2-Methylphenol	30.6	10	µg/L	50.0		61.2		30-130	4.56	20		
3/4-Methylphenol	28.8	10	µg/L	50.0		57.6		30-130	3.85	20		
Naphthalene	35.2	5.0	µg/L	50.0		70.5		40-140	0.763	20		
2-Nitroaniline	47.4	10	µg/L	50.0		94.8		40-140	4.59	20		
3-Nitroaniline	39.0	10	µg/L	50.0		77.9		40-140	1.68	20		†
4-Nitroaniline	40.8	10	µg/L	50.0		81.5		40-140	4.20	20		
Nitrobenzene	34.1	10	µg/L	50.0		68.3		40-140	2.97	20		
2-Nitrophenol	40.7	10	µg/L	50.0		81.4		30-130	4.65	20		
4-Nitrophenol	21.0	10	µg/L	50.0		42.0		10-130	7.33	50		‡
N-Nitrosodiphenylamine/Diphenylamine	39.2	10	µg/L	50.0		78.4		40-140	6.56	20		
N-Nitrosodi-n-propylamine	35.3	10	µg/L	50.0		70.6		40-140	2.30	20		
Pentachloronitrobenzene	38.9	10	µg/L	50.0		77.9		40-140	6.94	20		
Pentachlorophenol	34.6	10	µg/L	50.0		69.2		30-130	6.57	50	V-06	
Phenanthrene	38.7	5.0	µg/L	50.0		77.5		40-140	1.77	20		
Phenol	16.1	10	µg/L	50.0		32.2		20-130	2.70	20		
Pyrene	40.3	5.0	µg/L	50.0		80.7		40-140	0.938	20		
Pyridine	18.3	5.0	µg/L	50.0		36.5		10-140	1.32	50		†
1,2,4,5-Tetrachlorobenzene	32.8	10	µg/L	50.0		65.6		40-140	2.62	20		

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B260823 - SW-846 3510C										
LCS Dup (B260823-BSD1)				Prepared & Analyzed: 06/26/20						
1,2,4-Trichlorobenzene	33.6	5.0	µg/L	50.0		67.2	40-140	2.93	20	
2,4,5-Trichlorophenol	37.5	10	µg/L	50.0		75.1	30-130	7.76	20	
2,4,6-Trichlorophenol	38.0	10	µg/L	50.0		76.1	30-130	5.12	50	
Surrogate: 2-Fluorophenol	*96.7*		µg/L	200		48.3	15-110			
Surrogate: Phenol-d6	*66.5*		µg/L	200		33.3	15-110			
Surrogate: Nitrobenzene-d5	*73.3*		µg/L	100		73.3	30-130			
Surrogate: 2-Fluorobiphenyl	*76.1*		µg/L	100		76.1	30-130			
Surrogate: 2,4,6-Tribromophenol	*182*		µg/L	200		91.0	15-110			
Surrogate: p-Terphenyl-d14	*89.2*		µg/L	100		89.2	30-130			
Matrix Spike (B260823-MS1)	**Source: 20F1199-08**			Prepared: 06/26/20 Analyzed: 06/29/20						
Acenaphthene	44.5	5.0	µg/L	50.0	ND	89.1	40-140			
Acenaphthylene	42.6	5.0	µg/L	50.0	ND	85.2	40-140			
Aniline	33.7	5.0	µg/L	50.0	ND	67.5	40-140			V-05
Anthracene	46.2	5.0	µg/L	50.0	ND	92.3	40-140			
Benzo(a)anthracene	45.4	5.0	µg/L	50.0	ND	90.8	40-140			
Benzo(a)pyrene	46.0	5.0	µg/L	50.0	ND	92.0	40-140			
Benzo(b)fluoranthene	47.4	5.0	µg/L	50.0	ND	94.8	40-140			
Benzo(g,h,i)perylene	44.4	5.0	µg/L	50.0	ND	88.7	40-140			
Benzo(k)fluoranthene	48.8	5.0	µg/L	50.0	ND	97.5	40-140			
Bis(2-chloroethoxy)methane	46.4	10	µg/L	50.0	ND	92.7	40-140			
Bis(2-chloroethyl)ether	43.8	10	µg/L	50.0	ND	87.7	40-140			
Bis(2-chloroisopropyl)ether	47.4	10	µg/L	50.0	ND	94.9	40-140			
Bis(2-Ethylhexyl)phthalate	43.7	10	µg/L	50.0	ND	87.4	40-140			
4-Bromophenylphenylether	46.4	10	µg/L	50.0	ND	92.7	40-140			
Butylbenzylphthalate	43.8	10	µg/L	50.0	ND	87.6	40-140			
Carbazole	45.5	10	µg/L	50.0	ND	91.0	40-140			
4-Chloroaniline	38.0	10	µg/L	50.0	ND	76.0	40-140			V-34
4-Chloro-3-methylphenol	43.7	10	µg/L	50.0	ND	87.4	30-130			
2-Chloronaphthalene	42.3	10	µg/L	50.0	ND	84.5	40-140			
2-Chlorophenol	42.8	10	µg/L	50.0	ND	85.7	30-130			
4-Chlorophenylphenylether	47.5	10	µg/L	50.0	ND	95.0	40-140			
Chrysene	46.6	5.0	µg/L	50.0	ND	93.1	40-140			
Dibenz(a,h)anthracene	46.0	5.0	µg/L	50.0	ND	92.0	40-140			
Dibenzofuran	47.7	5.0	µg/L	50.0	ND	95.4	40-140			
Di-n-butylphthalate	45.1	10	µg/L	50.0	ND	90.1	40-140			
3,3-Dichlorobenzidine	39.5	10	µg/L	50.0	ND	79.0	40-140			
2,4-Dichlorophenol	46.6	10	µg/L	50.0	ND	93.1	30-130			
Diethylphthalate	46.3	10	µg/L	50.0	ND	92.5	40-140			
2,4-Dimethylphenol	37.0	10	µg/L	50.0	ND	73.9	30-130			
Dimethylphthalate	46.7	10	µg/L	50.0	ND	93.3	40-140			
4,6-Dinitro-2-methylphenol	45.5	10	µg/L	50.0	ND	90.9	30-130			V-19
2,4-Dinitrophenol	54.7	10	µg/L	50.0	ND	109	30-130			V-04
2,4-Dinitrotoluene	49.0	10	µg/L	50.0	ND	98.0	40-140			
2,6-Dinitrotoluene	52.4	10	µg/L	50.0	ND	105	40-140			
Di-n-octylphthalate	44.3	10	µg/L	50.0	ND	88.7	40-140			
Fluoranthene	47.1	5.0	µg/L	50.0	ND	94.1	40-140			
Fluorene	45.8	5.0	µg/L	50.0	ND	91.6	40-140			
Hexachlorobenzene	46.3	10	µg/L	50.0	ND	92.6	40-140			
Hexachlorobutadiene	41.7	10	µg/L	50.0	ND	83.4	40-140			
Hexachlorocyclopentadiene	31.1	10	µg/L	50.0	ND	62.2	40-140			
Hexachloroethane	38.2	10	µg/L	50.0	ND	76.5	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B260823 - SW-846 3510C											
Matrix Spike (B260823-MS1)	**Source: 20F1199-08**			Prepared: 06/26/20 Analyzed: 06/29/20							
Indeno(1,2,3-cd)pyrene	48.8	5.0	µg/L	50.0	ND	97.5		40-140			
Isophorone	45.2	10	µg/L	50.0	ND	90.4		40-140			
2-Methylnaphthalene	49.5	5.0	µg/L	50.0	ND	99.1		40-140			
2-Methylphenol	38.8	10	µg/L	50.0	ND	77.5		30-130			
3/4-Methylphenol	37.0	10	µg/L	50.0	ND	74.0		30-130			
Naphthalene	44.6	5.0	µg/L	50.0	ND	89.2		40-140			
2-Nitroaniline	56.2	10	µg/L	50.0	ND	112		40-140			
3-Nitroaniline	42.5	10	µg/L	50.0	ND	85.0		40-140			
4-Nitroaniline	49.8	10	µg/L	50.0	ND	99.7		40-140			
Nitrobenzene	42.5	10	µg/L	50.0	ND	85.1		40-140			
2-Nitrophenol	51.0	10	µg/L	50.0	ND	102		30-130			
4-Nitrophenol	25.0	10	µg/L	50.0	ND	50.0		30-130			
N-Nitrosodiphenylamine/Diphenylamine	47.4	10	µg/L	50.0	ND	94.7		40-140			
N-Nitrosodi-n-propylamine	44.8	10	µg/L	50.0	ND	89.7		40-140			
Pentachloronitrobenzene	46.2	10	µg/L	50.0	ND	92.4		40-140			
Pentachlorophenol	45.8	10	µg/L	50.0	ND	91.6		30-130			
Phenanthrene	46.0	5.0	µg/L	50.0	ND	92.0		40-140			
Phenol	19.8	10	µg/L	50.0	ND	39.6		30-130			
Pyrene	44.4	5.0	µg/L	50.0	ND	88.8		40-140			
Pyridine	19.2	5.0	µg/L	50.0	ND	**38.5**	*	40-140			MS-09
1,2,4,5-Tetrachlorobenzene	41.8	10	µg/L	50.0	ND	83.5		40-140			
1,2,4-Trichlorobenzene	42.7	5.0	µg/L	50.0	ND	85.3		40-140			
2,4,5-Trichlorophenol	45.4	10	µg/L	50.0	ND	90.8		30-130			
2,4,6-Trichlorophenol	46.3	10	µg/L	50.0	ND	92.7		30-130			
Surrogate: 2-Fluorophenol	*122*		µg/L	200		61.1		15-110			
Surrogate: Phenol-d6	*84.5*		µg/L	200		42.3		15-110			
Surrogate: Nitrobenzene-d5	*90.6*		µg/L	100		90.6		30-130			
Surrogate: 2-Fluorobiphenyl	*93.6*		µg/L	100		93.6		30-130			
Surrogate: 2,4,6-Tribromophenol	*210*		µg/L	200		105		15-110			
Surrogate: p-Terphenyl-d14	*96.5*		µg/L	100		96.5		30-130			
Matrix Spike Dup (B260823-MSD1)	**Source: 20F1199-08**			Prepared: 06/26/20 Analyzed: 06/29/20							
Acenaphthene	43.1	5.0	µg/L	50.0	ND	86.3		40-140	3.19	30	
Acenaphthylene	41.0	5.0	µg/L	50.0	ND	81.9		40-140	3.95	30	
Aniline	28.6	5.0	µg/L	50.0	ND	57.1		40-140	16.6	30	V-05
Anthracene	43.0	5.0	µg/L	50.0	ND	86.0		40-140	7.13	30	
Benzo(a)anthracene	41.9	5.0	µg/L	50.0	ND	83.9		40-140	7.90	30	
Benzo(a)pyrene	42.5	5.0	µg/L	50.0	ND	85.1		40-140	7.88	30	
Benzo(b)fluoranthene	43.4	5.0	µg/L	50.0	ND	86.8		40-140	8.81	30	
Benzo(g,h,i)perylene	41.2	5.0	µg/L	50.0	ND	82.3		40-140	7.48	30	
Benzo(k)fluoranthene	44.4	5.0	µg/L	50.0	ND	88.8		40-140	9.36	30	
Bis(2-chloroethoxy)methane	44.7	10	µg/L	50.0	ND	89.4		40-140	3.67	30	
Bis(2-chloroethyl)ether	40.5	10	µg/L	50.0	ND	81.1		40-140	7.80	30	
Bis(2-chloroisopropyl)ether	43.1	10	µg/L	50.0	ND	86.3		40-140	9.52	30	
Bis(2-Ethylhexyl)phthalate	41.6	10	µg/L	50.0	ND	83.2		40-140	4.83	30	
4-Bromophenylphenylether	42.2	10	µg/L	50.0	ND	84.4		40-140	9.46	30	
Butylbenzylphthalate	41.0	10	µg/L	50.0	ND	82.1		40-140	6.58	30	
Carbazole	43.0	10	µg/L	50.0	ND	85.9		40-140	5.79	30	
4-Chloroaniline	32.7	10	µg/L	50.0	ND	65.3		40-140	15.1	30	V-34
4-Chloro-3-methylphenol	43.6	10	µg/L	50.0	ND	87.3		30-130	0.115	30	
2-Chloronaphthalene	37.5	10	µg/L	50.0	ND	75.0		40-140	11.9	30	
2-Chlorophenol	39.8	10	µg/L	50.0	ND	79.6		30-130	7.33	30	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B260823 - SW-846 3510C											
Matrix Spike Dup (B260823-MSD1)	**Source: 20F1199-08**			Prepared: 06/26/20 Analyzed: 06/29/20							
4-Chlorophenylphenylether	45.4	10	µg/L	50.0	ND	90.7		40-140	4.61	30	
Chrysene	43.3	5.0	µg/L	50.0	ND	86.6		40-140	7.32	30	
Dibenz(a,h)anthracene	42.3	5.0	µg/L	50.0	ND	84.7		40-140	8.26	30	
Dibenzofuran	45.5	5.0	µg/L	50.0	ND	91.1		40-140	4.70	30	
Di-n-butylphthalate	43.1	10	µg/L	50.0	ND	86.3		40-140	4.38	30	
3,3-Dichlorobenzidine	32.3	10	µg/L	50.0	ND	64.5		40-140	20.2	30	
2,4-Dichlorophenol	44.0	10	µg/L	50.0	ND	87.9		30-130	5.74	30	
Diethylphthalate	44.9	10	µg/L	50.0	ND	89.7		40-140	3.07	30	
2,4-Dimethylphenol	36.7	10	µg/L	50.0	ND	73.3		30-130	0.788	30	
Dimethylphthalate	45.1	10	µg/L	50.0	ND	90.3		40-140	3.33	30	
4,6-Dinitro-2-methylphenol	45.5	10	µg/L	50.0	ND	91.0		30-130	0.0660	30	V-19
2,4-Dinitrophenol	60.7	10	µg/L	50.0	ND	121		30-130	10.4	30	V-04
2,4-Dinitrotoluene	48.5	10	µg/L	50.0	ND	97.0		40-140	1.00	30	
2,6-Dinitrotoluene	50.9	10	µg/L	50.0	ND	102		40-140	2.88	30	
Di-n-octylphthalate	41.2	10	µg/L	50.0	ND	82.4		40-140	7.37	30	
Fluoranthene	45.0	5.0	µg/L	50.0	ND	90.0		40-140	4.52	30	
Fluorene	44.2	5.0	µg/L	50.0	ND	88.4		40-140	3.62	30	
Hexachlorobenzene	42.8	10	µg/L	50.0	ND	85.7		40-140	7.74	30	
Hexachlorobutadiene	39.7	10	µg/L	50.0	ND	79.4		40-140	4.96	30	
Hexachlorocyclopentadiene	30.2	10	µg/L	50.0	ND	60.4		40-140	3.03	30	
Hexachloroethane	35.4	10	µg/L	50.0	ND	70.8		40-140	7.77	30	
Indeno(1,2,3-cd)pyrene	45.2	5.0	µg/L	50.0	ND	90.4		40-140	7.58	30	
Isophorone	42.8	10	µg/L	50.0	ND	85.6		40-140	5.50	30	
2-Methylnaphthalene	47.5	5.0	µg/L	50.0	ND	94.9		40-140	4.27	30	
2-Methylphenol	37.3	10	µg/L	50.0	ND	74.6		30-130	3.87	30	
3/4-Methylphenol	34.3	10	µg/L	50.0	ND	68.7		30-130	7.40	30	
Naphthalene	42.7	5.0	µg/L	50.0	ND	85.4		40-140	4.33	30	
2-Nitroaniline	53.8	10	µg/L	50.0	ND	108		40-140	4.24	30	
3-Nitroaniline	41.1	10	µg/L	50.0	ND	82.1		40-140	3.42	30	
4-Nitroaniline	49.7	10	µg/L	50.0	ND	99.4		40-140	0.241	30	
Nitrobenzene	40.6	10	µg/L	50.0	ND	81.1		40-140	4.79	30	
2-Nitrophenol	49.1	10	µg/L	50.0	ND	98.2		30-130	3.80	30	
4-Nitrophenol	24.4	10	µg/L	50.0	ND	48.9		30-130	2.27	30	
N-Nitrosodiphenylamine/Diphenylamine	43.2	10	µg/L	50.0	ND	86.4		40-140	9.19	30	
N-Nitrosodi-n-propylamine	40.2	10	µg/L	50.0	ND	80.4		40-140	11.0	30	
Pentachloronitrobenzene	43.4	10	µg/L	50.0	ND	86.7		40-140	6.36	30	
Pentachlorophenol	44.9	10	µg/L	50.0	ND	89.8		30-130	1.98	30	
Phenanthrene	42.4	5.0	µg/L	50.0	ND	84.8		40-140	8.16	30	
Phenol	18.5	10	µg/L	50.0	ND	37.1		30-130	6.67	30	
Pyrene	41.0	5.0	µg/L	50.0	ND	81.9		40-140	8.08	30	
Pyridine	17.6	5.0	µg/L	50.0	ND	**35.1**	*	40-140	9.14	30	MS-09
1,2,4,5-Tetrachlorobenzene	38.4	10	µg/L	50.0	ND	76.7		40-140	8.49	30	
1,2,4-Trichlorobenzene	40.8	5.0	µg/L	50.0	ND	81.5		40-140	4.56	30	
2,4,5-Trichlorophenol	44.7	10	µg/L	50.0	ND	89.5		30-130	1.42	30	
2,4,6-Trichlorophenol	43.0	10	µg/L	50.0	ND	85.9		30-130	7.57	30	
Surrogate: 2-Fluorophenol	*114*		µg/L	200		56.9		15-110			
Surrogate: Phenol-d6	*76.5*		µg/L	200		38.3		15-110			
Surrogate: Nitrobenzene-d5	*86.0*		µg/L	100		86.0		30-130			
Surrogate: 2-Fluorobiphenyl	*89.2*		µg/L	100		89.2		30-130			
Surrogate: 2,4,6-Tribromophenol	*208*		µg/L	200		104		15-110			
Surrogate: p-Terphenyl-d14	*88.4*		µg/L	100		88.4		30-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B261020 - SW-846 3510C										
Blank (B261020-BLK1)				Prepared: 06/29/20 Analyzed: 07/01/20						
Acenaphthylene (SIM)	ND	0.20	µg/L							
Benzo(a)anthracene (SIM)	ND	0.050	µg/L							
Benzo(a)pyrene (SIM)	ND	0.10	µg/L							
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L							
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L							
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L							
Chrysene (SIM)	ND	0.10	µg/L							
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L							
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L							
Phenanthrene (SIM)	ND	0.050	µg/L							
Surrogate: o-Terphenyl (OTP)	*78.5*		µg/L	100		78.5	30-130			
LCS (B261020-BS1)				Prepared: 06/29/20 Analyzed: 06/30/20						
Acenaphthylene (SIM)	78.6	8.0	µg/L	100		78.6	40-140			
Benzo(a)anthracene (SIM)	93.9	2.0	µg/L	100		93.9	40-140			
Benzo(a)pyrene (SIM)	101	4.0	µg/L	100		101	40-140			
Benzo(b)fluoranthene (SIM)	104	2.0	µg/L	100		104	40-140			
Benzo(g,h,i)perylene (SIM)	98.1	4.0	µg/L	100		98.1	40-140			
Benzo(k)fluoranthene (SIM)	98.4	8.0	µg/L	100		98.4	40-140			
Chrysene (SIM)	95.8	4.0	µg/L	100		95.8	40-140			
Dibenz(a,h)anthracene (SIM)	107	4.0	µg/L	100		107	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	108	4.0	µg/L	100		108	40-140			
Phenanthrene (SIM)	92.2	2.0	µg/L	100		92.2	40-140			
Surrogate: o-Terphenyl (OTP)	*101*		µg/L	100		101	30-130			
LCS Dup (B261020-BSD1)				Prepared: 06/29/20 Analyzed: 06/30/20						
Acenaphthylene (SIM)	70.5	8.0	µg/L	100		70.5	40-140	10.8	20	
Benzo(a)anthracene (SIM)	86.4	2.0	µg/L	100		86.4	40-140	8.39	20	
Benzo(a)pyrene (SIM)	93.6	4.0	µg/L	100		93.6	40-140	7.96	20	
Benzo(b)fluoranthene (SIM)	96.1	2.0	µg/L	100		96.1	40-140	7.99	20	
Benzo(g,h,i)perylene (SIM)	90.6	4.0	µg/L	100		90.6	40-140	8.01	20	
Benzo(k)fluoranthene (SIM)	91.0	8.0	µg/L	100		91.0	40-140	7.82	20	
Chrysene (SIM)	89.2	4.0	µg/L	100		89.2	40-140	7.18	20	
Dibenz(a,h)anthracene (SIM)	98.8	4.0	µg/L	100		98.8	40-140	8.15	20	
Indeno(1,2,3-cd)pyrene (SIM)	100	4.0	µg/L	100		100	40-140	7.99	20	
Phenanthrene (SIM)	84.0	2.0	µg/L	100		84.0	40-140	9.30	20	
Surrogate: o-Terphenyl (OTP)	*89.4*		µg/L	100		89.4	30-130			
Batch B261069 - SW-846 3510C										
Blank (B261069-BLK1)				Prepared: 06/30/20 Analyzed: 07/01/20						
Acenaphthylene (SIM)	ND	0.20	µg/L							
Benzo(a)anthracene (SIM)	ND	0.050	µg/L							
Benzo(a)pyrene (SIM)	ND	0.10	µg/L							
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L							
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L							
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L							
Chrysene (SIM)	ND	0.10	µg/L							
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L							
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L							
Phenanthrene (SIM)	ND	0.050	µg/L							
Surrogate: o-Terphenyl (OTP)	*81.3*		µg/L	100		81.3	30-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B261069 - SW-846 3510C										
LCS (B261069-BS1)				Prepared & Analyzed: 06/30/20						
Acenaphthylene (SIM)	71.2	8.0	µg/L	100		71.2	40-140			
Benzo(a)anthracene (SIM)	87.1	2.0	µg/L	100		87.1	40-140			
Benzo(a)pyrene (SIM)	93.7	4.0	µg/L	100		93.7	40-140			
Benzo(b)fluoranthene (SIM)	107	2.0	µg/L	100		107	40-140			
Benzo(g,h,i)perylene (SIM)	91.0	4.0	µg/L	100		91.0	40-140			
Benzo(k)fluoranthene (SIM)	80.0	8.0	µg/L	100		80.0	40-140			
Chrysene (SIM)	89.4	4.0	µg/L	100		89.4	40-140			
Dibenz(a,h)anthracene (SIM)	98.4	4.0	µg/L	100		98.4	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	98.6	4.0	µg/L	100		98.6	40-140			
Phenanthrene (SIM)	84.5	2.0	µg/L	100		84.5	40-140			
Surrogate: o-Terphenyl (OTP)	*94.0*		µg/L	100		94.0	30-130			
LCS Dup (B261069-BSD1)				Prepared: 06/30/20 Analyzed: 07/01/20						
Acenaphthylene (SIM)	63.3	8.0	µg/L	100		63.3	40-140	11.8	20	
Benzo(a)anthracene (SIM)	79.4	2.0	µg/L	100		79.4	40-140	9.18	20	
Benzo(a)pyrene (SIM)	85.4	4.0	µg/L	100		85.4	40-140	9.20	20	
Benzo(b)fluoranthene (SIM)	98.6	2.0	µg/L	100		98.6	40-140	8.58	20	
Benzo(g,h,i)perylene (SIM)	83.0	4.0	µg/L	100		83.0	40-140	9.10	20	
Benzo(k)fluoranthene (SIM)	73.2	8.0	µg/L	100		73.2	40-140	8.77	20	
Chrysene (SIM)	82.5	4.0	µg/L	100		82.5	40-140	8.10	20	
Dibenz(a,h)anthracene (SIM)	89.5	4.0	µg/L	100		89.5	40-140	9.49	20	
Indeno(1,2,3-cd)pyrene (SIM)	89.4	4.0	µg/L	100		89.4	40-140	9.75	20	
Phenanthrene (SIM)	76.3	2.0	µg/L	100		76.3	40-140	10.2	20	
Surrogate: o-Terphenyl (OTP)	*84.2*		µg/L	100		84.2	30-130			
Matrix Spike (B261069-MS1)	**Source: 20F1199-08**			Prepared: 06/30/20 Analyzed: 07/01/20						
Acenaphthylene (SIM)	61.2	8.2	µg/L	102	ND	60.0	40-140			
Benzo(a)anthracene (SIM)	76.7	2.0	µg/L	102	ND	75.1	40-140			
Benzo(a)pyrene (SIM)	78.6	4.1	µg/L	102	ND	77.0	40-140			
Benzo(b)fluoranthene (SIM)	88.7	2.0	µg/L	102	ND	86.9	40-140			
Benzo(g,h,i)perylene (SIM)	66.3	4.1	µg/L	102	ND	65.0	40-140			
Benzo(k)fluoranthene (SIM)	68.4	8.2	µg/L	102	ND	67.0	40-140			
Chrysene (SIM)	80.4	4.1	µg/L	102	ND	78.8	40-140			
Dibenz(a,h)anthracene (SIM)	82.5	4.1	µg/L	102	ND	80.9	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	75.7	4.1	µg/L	102	ND	74.2	40-140			
Phenanthrene (SIM)	77.7	2.0	µg/L	102	ND	76.1	40-140			
Surrogate: o-Terphenyl (OTP)	*85.0*		µg/L	102		83.3	30-130			
Matrix Spike Dup (B261069-MSD1)	**Source: 20F1199-08**			Prepared: 06/30/20 Analyzed: 07/01/20						
Acenaphthylene (SIM)	69.0	8.1	µg/L	101	ND	68.3	40-140	11.9	30	
Benzo(a)anthracene (SIM)	83.1	2.0	µg/L	101	ND	82.3	40-140	8.08	30	
Benzo(a)pyrene (SIM)	84.4	4.0	µg/L	101	ND	83.5	40-140	7.06	30	
Benzo(b)fluoranthene (SIM)	95.1	2.0	µg/L	101	ND	94.2	40-140	6.98	30	
Benzo(g,h,i)perylene (SIM)	68.3	4.0	µg/L	101	ND	67.6	40-140	2.91	30	
Benzo(k)fluoranthene (SIM)	74.6	8.1	µg/L	101	ND	73.9	40-140	8.69	30	
Chrysene (SIM)	87.4	4.0	µg/L	101	ND	86.5	40-140	8.28	30	
Dibenz(a,h)anthracene (SIM)	84.9	4.0	µg/L	101	ND	84.1	40-140	2.86	30	
Indeno(1,2,3-cd)pyrene (SIM)	79.8	4.0	µg/L	101	ND	79.0	40-140	5.31	30	
Phenanthrene (SIM)	85.9	2.0	µg/L	101	ND	85.0	40-140	10.1	30	
Surrogate: o-Terphenyl (OTP)	*92.6*		µg/L	101		91.7	30-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B260933 - SW-846 3510C										
Blank (B260933-BLK1)				Prepared: 06/29/20 Analyzed: 06/30/20						
C9-C18 Aliphatics	ND	100	µg/L							
C19-C36 Aliphatics	ND	100	µg/L							
Unadjusted C11-C22 Aromatics	ND	100	µg/L							
C11-C22 Aromatics	ND	100	µg/L							
Acenaphthene	ND	2.0	µg/L							
Anthracene	ND	2.0	µg/L							
Fluoranthene	ND	2.0	µg/L							
Fluorene	ND	2.0	µg/L							
2-Methylnaphthalene	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
Pyrene	ND	2.0	µg/L							
Naphthalene-aliphatic fraction	ND	2.0	µg/L							
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L							
Surrogate: Chlorooctadecane (COD)	*90.6*		µg/L	100		90.6	40-140			
Surrogate: o-Terphenyl (OTP)	*81.6*		µg/L	100		81.6	40-140			
Surrogate: 2-Bromonaphthalene	*91.8*		µg/L	100		91.8	40-140			
Surrogate: 2-Fluorobiphenyl	*97.0*		µg/L	100		97.0	40-140			
LCS (B260933-BS1)				Prepared: 06/29/20 Analyzed: 06/30/20						
C9-C18 Aliphatics	428	100	µg/L	600		71.3	0-200			
C19-C36 Aliphatics	798	100	µg/L	800		99.7	0-200			
Unadjusted C11-C22 Aromatics	1570	100	µg/L	1700		92.2	0-200			
Acenaphthene	85.4	2.0	µg/L	100		85.4	40-140			
Anthracene	92.5	2.0	µg/L	100		92.5	40-140			
Fluoranthene	93.3	2.0	µg/L	100		93.3	40-140			
Fluorene	89.9	2.0	µg/L	100		89.9	40-140			
2-Methylnaphthalene	70.8	2.0	µg/L	100		70.8	40-140			
Naphthalene	61.1	2.0	µg/L	100		61.1	40-140			
Pyrene	94.4	2.0	µg/L	100		94.4	40-140			
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*88.1*		µg/L	100		88.1	40-140			
Surrogate: o-Terphenyl (OTP)	*86.9*		µg/L	100		86.9	40-140			
Surrogate: 2-Bromonaphthalene	*97.2*		µg/L	100		97.2	40-140			
Surrogate: 2-Fluorobiphenyl	*101*		µg/L	100		101	40-140			
LCS Dup (B260933-BSD1)				Prepared: 06/29/20 Analyzed: 06/30/20						
C9-C18 Aliphatics	462	100	µg/L	600		77.0	0-200	7.63		
C19-C36 Aliphatics	871	100	µg/L	800		109	0-200	8.76		
Unadjusted C11-C22 Aromatics	1570	100	µg/L	1700		92.4	0-200	0.174		
Acenaphthene	85.1	2.0	µg/L	100		85.1	40-140	0.305	25	
Anthracene	92.1	2.0	µg/L	100		92.1	40-140	0.434	25	
Fluoranthene	93.3	2.0	µg/L	100		93.3	40-140	0.0793	25	
Fluorene	87.5	2.0	µg/L	100		87.5	40-140	2.74	25	
2-Methylnaphthalene	72.2	2.0	µg/L	100		72.2	40-140	1.92	25	
Naphthalene	64.2	2.0	µg/L	100		64.2	40-140	4.91	25	
Pyrene	94.4	2.0	µg/L	100		94.4	40-140	0.0339	25	
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*95.0*		µg/L	100		95.0	40-140			
Surrogate: o-Terphenyl (OTP)	*85.3*		µg/L	100		85.3	40-140			
Surrogate: 2-Bromonaphthalene	*93.8*		µg/L	100		93.8	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B260933 - SW-846 3510C										
LCS Dup (B260933-BSD1)				Prepared: 06/29/20 Analyzed: 06/30/20						
Surrogate: 2-Fluorobiphenyl	*100*		µg/L	100		100	40-140			
Batch B261028 - SW-846 3510C										
Blank (B261028-BLK1)				Prepared & Analyzed: 06/30/20						
C9-C18 Aliphatics	ND	100	µg/L							
C19-C36 Aliphatics	ND	100	µg/L							
Unadjusted C11-C22 Aromatics	ND	100	µg/L							
C11-C22 Aromatics	ND	100	µg/L							
Acenaphthene	ND	2.0	µg/L							
Anthracene	ND	2.0	µg/L							
Fluoranthene	ND	2.0	µg/L							
Fluorene	ND	2.0	µg/L							
2-Methylnaphthalene	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
Pyrene	ND	2.0	µg/L							
Naphthalene-aliphatic fraction	ND	2.0	µg/L							
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L							
Surrogate: Chlorooctadecane (COD)	*85.2*		µg/L	100		85.2	40-140			
Surrogate: o-Terphenyl (OTP)	*80.7*		µg/L	100		80.7	40-140			
Surrogate: 2-Bromonaphthalene	*97.4*		µg/L	100		97.4	40-140			
Surrogate: 2-Fluorobiphenyl	*102*		µg/L	100		102	40-140			
LCS (B261028-BS1)				Prepared & Analyzed: 06/30/20						
C9-C18 Aliphatics	435	100	µg/L	600		72.4	0-200			
C19-C36 Aliphatics	833	100	µg/L	800		104	0-200			
Unadjusted C11-C22 Aromatics	1450	100	µg/L	1700		85.5	0-200			
Acenaphthene	76.3	2.0	µg/L	100		76.3	40-140			
Anthracene	85.6	2.0	µg/L	100		85.6	40-140			
Fluoranthene	86.6	2.0	µg/L	100		86.6	40-140			
Fluorene	82.4	2.0	µg/L	100		82.4	40-140			
2-Methylnaphthalene	65.5	2.0	µg/L	100		65.5	40-140			
Naphthalene	58.8	2.0	µg/L	100		58.8	40-140			
Pyrene	87.3	2.0	µg/L	100		87.3	40-140			
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*88.9*		µg/L	100		88.9	40-140			
Surrogate: o-Terphenyl (OTP)	*81.3*		µg/L	100		81.3	40-140			
Surrogate: 2-Bromonaphthalene	*91.0*		µg/L	100		91.0	40-140			
Surrogate: 2-Fluorobiphenyl	*97.8*		µg/L	100		97.8	40-140			
LCS Dup (B261028-BSD1)				Prepared & Analyzed: 06/30/20						
C9-C18 Aliphatics	414	100	µg/L	600		69.0	0-200	4.84		
C19-C36 Aliphatics	802	100	µg/L	800		100	0-200	3.73		
Unadjusted C11-C22 Aromatics	1500	100	µg/L	1700		88.5	0-200	3.48		
Acenaphthene	78.8	2.0	µg/L	100		78.8	40-140	3.24	25	
Anthracene	88.9	2.0	µg/L	100		88.9	40-140	3.79	25	
Fluoranthene	89.9	2.0	µg/L	100		89.9	40-140	3.80	25	
Fluorene	83.7	2.0	µg/L	100		83.7	40-140	1.64	25	
2-Methylnaphthalene	68.0	2.0	µg/L	100		68.0	40-140	3.84	25	
Naphthalene	61.5	2.0	µg/L	100		61.5	40-140	4.54	25	
Pyrene	90.9	2.0	µg/L	100		90.9	40-140	3.99	25	
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B261028 - SW-846 3510C										
LCS Dup (B261028-BSD1)				Prepared & Analyzed: 06/30/20						
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*85.4*		µg/L	100		85.4	40-140			
Surrogate: o-Terphenyl (OTP)	*82.9*		µg/L	100		82.9	40-140			
Surrogate: 2-Bromonaphthalene	*94.1*		µg/L	100		94.1	40-140			
Surrogate: 2-Fluorobiphenyl	*101*		µg/L	100		101	40-140			
Matrix Spike (B261028-MS1)		**Source: 20F1199-08**		Prepared: 06/30/20 Analyzed: 07/01/20						
C9-C18 Aliphatics	457	100	µg/L	612	45.6	67.1	40-140			
C19-C36 Aliphatics	897	100	µg/L	816	65.2	102	40-140			
Unadjusted C11-C22 Aromatics	1530	100	µg/L	1730	41.6	85.9	40-140			
Acenaphthene	83.7	2.0	µg/L	102	ND	82.0	40-140			
Anthracene	96.6	2.0	µg/L	102	ND	94.7	40-140			
Fluoranthene	95.1	2.0	µg/L	102	ND	93.2	40-140			
Fluorene	91.6	2.0	µg/L	102	ND	89.8	40-140			
2-Methylnaphthalene	66.1	2.0	µg/L	102	ND	64.8	40-140			
Naphthalene	55.9	2.0	µg/L	102	ND	54.8	40-140			
Pyrene	95.4	2.0	µg/L	102	ND	93.5	40-140			
Surrogate: Chlorooctadecane (COD)	*90.2*		µg/L	102		88.4	40-140			
Surrogate: o-Terphenyl (OTP)	*90.1*		µg/L	102		88.3	40-140			
Surrogate: 2-Bromonaphthalene	*102*		µg/L	102		100	40-140			
Surrogate: 2-Fluorobiphenyl	*112*		µg/L	102		110	40-140			
Matrix Spike Dup (B261028-MSD1)		**Source: 20F1199-08**		Prepared: 06/30/20 Analyzed: 07/01/20						
C9-C18 Aliphatics	396	100	µg/L	606	45.6	57.8	40-140	14.3	50	
C19-C36 Aliphatics	823	100	µg/L	808	65.2	93.8	40-140	8.64	50	
Unadjusted C11-C22 Aromatics	1380	100	µg/L	1720	41.6	78.0	40-140	10.4	50	
Acenaphthene	77.4	2.0	µg/L	101	ND	76.6	40-140	7.79	50	
Anthracene	87.6	2.0	µg/L	101	ND	86.8	40-140	9.74	50	
Fluoranthene	85.5	2.0	µg/L	101	ND	84.6	40-140	10.7	50	
Fluorene	84.2	2.0	µg/L	101	ND	83.4	40-140	8.41	50	
2-Methylnaphthalene	60.7	2.0	µg/L	101	ND	60.1	40-140	8.63	50	
Naphthalene	49.8	2.0	µg/L	101	ND	49.3	40-140	11.6	50	
Pyrene	85.7	2.0	µg/L	101	ND	84.9	40-140	10.7	50	
Surrogate: Chlorooctadecane (COD)	*84.3*		µg/L	101		83.5	40-140			
Surrogate: o-Terphenyl (OTP)	*81.4*		µg/L	101		80.6	40-140			
Surrogate: 2-Bromonaphthalene	*97.4*		µg/L	101		96.4	40-140			
Surrogate: 2-Fluorobiphenyl	*104*		µg/L	101		103	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B260699 - SW-846 3005A										
Blank (B260699-BLK1)				Prepared: 06/24/20 Analyzed: 06/25/20						
Antimony	ND	1.0	µg/L							
Arsenic	ND	0.80	µg/L							
Barium	ND	10	µg/L							
Beryllium	ND	0.40	µg/L							
Cadmium	ND	0.20	µg/L							
Chromium	ND	1.0	µg/L							
Copper	ND	1.0	µg/L							
Lead	ND	0.50	µg/L							
Nickel	ND	5.0	µg/L							
Selenium	ND	5.0	µg/L							
Silver	ND	0.20	µg/L							
Thallium	ND	0.20	µg/L							
Vanadium	ND	5.0	µg/L							
Zinc	ND	10	µg/L							
LCS (B260699-BS1)				Prepared: 06/24/20 Analyzed: 06/25/20						
Antimony	525	10	µg/L	500		105	80-120			
Arsenic	544	8.0	µg/L	500		109	80-120			
Barium	514	100	µg/L	500		103	80-120			
Beryllium	556	4.0	µg/L	500		111	80-120			
Cadmium	544	2.0	µg/L	500		109	80-120			
Chromium	576	10	µg/L	500		115	80-120			
Copper	1050	10	µg/L	1000		105	80-120			
Lead	543	5.0	µg/L	500		109	80-120			
Nickel	543	50	µg/L	500		109	80-120			
Selenium	553	50	µg/L	500		111	80-120			
Silver	520	2.0	µg/L	500		104	80-120			
Thallium	511	2.0	µg/L	500		102	80-120			
Vanadium	569	50	µg/L	500		114	80-120			
Zinc	1030	100	µg/L	1000		103	80-120			
LCS Dup (B260699-BSD1)				Prepared: 06/24/20 Analyzed: 06/25/20						
Antimony	482	10	µg/L	500		96.4	80-120	8.56	20	
Arsenic	499	8.0	µg/L	500		99.8	80-120	8.70	20	
Barium	469	100	µg/L	500		93.8	80-120	9.16	20	
Beryllium	515	4.0	µg/L	500		103	80-120	7.65	20	
Cadmium	496	2.0	µg/L	500		99.2	80-120	9.22	20	
Chromium	527	10	µg/L	500		105	80-120	8.86	20	
Copper	1010	10	µg/L	1000		101	80-120	4.75	20	
Lead	494	5.0	µg/L	500		98.8	80-120	9.48	20	
Nickel	503	50	µg/L	500		101	80-120	7.65	20	
Selenium	505	50	µg/L	500		101	80-120	9.26	20	
Silver	474	2.0	µg/L	500		94.8	80-120	9.20	20	
Thallium	468	2.0	µg/L	500		93.6	80-120	8.83	20	
Vanadium	506	50	µg/L	500		101	80-120	11.6	20	
Zinc	951	100	µg/L	1000		95.1	80-120	7.92	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B260699 - SW-846 3005A										
Matrix Spike (B260699-MS1)	**Source: 20F1199-08**			Prepared: 06/24/20 Analyzed: 06/25/20						
Antimony	480	10	µg/L	500	ND	96.1	75-125			
Arsenic	506	8.0	µg/L	500	ND	101	75-125			
Barium	702	100	µg/L	500	233	93.7	75-125			
Beryllium	514	4.0	µg/L	500	ND	103	75-125			
Cadmium	490	2.0	µg/L	500	ND	98.1	75-125			
Chromium	511	10	µg/L	500	ND	102	75-125			
Copper	946	10	µg/L	1000	ND	94.6	75-125			
Lead	501	5.0	µg/L	500	ND	100	75-125			
Nickel	489	50	µg/L	500	ND	97.8	75-125			
Selenium	509	50	µg/L	500	ND	102	75-125			
Silver	456	2.0	µg/L	500	ND	91.2	75-125			
Thallium	476	2.0	µg/L	500	ND	95.1	75-125			
Vanadium	513	50	µg/L	500	ND	103	75-125			
Zinc	939	100	µg/L	1000	ND	93.9	75-125			
Matrix Spike Dup (B260699-MSD1)	**Source: 20F1199-08**			Prepared: 06/24/20 Analyzed: 06/25/20						
Antimony	479	10	µg/L	500	ND	95.9	75-125	0.189	20	
Arsenic	499	8.0	µg/L	500	ND	99.7	75-125	1.44	20	
Barium	690	100	µg/L	500	233	91.3	75-125	1.76	20	
Beryllium	515	4.0	µg/L	500	ND	103	75-125	0.209	20	
Cadmium	485	2.0	µg/L	500	ND	97.0	75-125	1.05	20	
Chromium	502	10	µg/L	500	ND	100	75-125	1.80	20	
Copper	947	10	µg/L	1000	ND	94.7	75-125	0.0433	20	
Lead	491	5.0	µg/L	500	ND	98.2	75-125	2.08	20	
Nickel	487	50	µg/L	500	ND	97.4	75-125	0.378	20	
Selenium	502	50	µg/L	500	ND	100	75-125	1.47	20	
Silver	426	2.0	µg/L	500	ND	85.2	75-125	6.85	20	
Thallium	467	2.0	µg/L	500	ND	93.4	75-125	1.77	20	
Vanadium	508	50	µg/L	500	ND	102	75-125	0.958	20	
Zinc	938	100	µg/L	1000	ND	93.8	75-125	0.116	20	
Batch B260749 - SW-846 7470A Prep										
Blank (B260749-BLK1)				Prepared: 06/25/20 Analyzed: 06/26/20						
Mercury	ND	0.00010	mg/L							
LCS (B260749-BS1)				Prepared: 06/25/20 Analyzed: 06/26/20						
Mercury	0.00384	0.00010	mg/L	0.00400		96.1	80-120			
LCS Dup (B260749-BSD1)				Prepared: 06/25/20 Analyzed: 06/26/20						
Mercury	0.00387	0.00010	mg/L	0.00400		96.8	80-120	0.686	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B260749 - SW-846 7470A Prep										
Matrix Spike (B260749-MS1)		**Source: 20F1199-08**		Prepared: 06/25/20 Analyzed: 06/26/20						
Mercury	0.00373	0.00010	mg/L	0.00400	ND	93.3	75-125			
Matrix Spike Dup (B260749-MSD1)		**Source: 20F1199-08**		Prepared: 06/25/20 Analyzed: 06/26/20						
Mercury	0.00375	0.00010	mg/L	0.00400	ND	93.7	75-125	0.433	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-17	Compound classified by CT RCP as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
RL-03	Elevated reporting limit based on lowest point in calibration. Requested reporting limit not met.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria. Reported result is estimated.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.
V-19	Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99. Reported result is estimated.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
MADEP-EPH-04-1.1 in Water	
C9-C18 Aliphatics	CT,NC,ME,NH-P
C19-C36 Aliphatics	CT,NC,ME,NH-P
Unadjusted C11-C22 Aromatics	CT,NC,ME,NH-P
C11-C22 Aromatics	CT,NC,ME,NH-P
Acenaphthene	CT,NC,ME,NH-P
Acenaphthylene	CT,NC,ME,NH-P
Anthracene	CT,NC,ME,NH-P
Benzo(a)anthracene	CT,NC,ME,NH-P
Benzo(a)pyrene	CT,NC,ME,NH-P
Benzo(b)fluoranthene	CT,NC,ME,NH-P
Benzo(g,h,i)perylene	CT,NC,ME,NH-P
Benzo(k)fluoranthene	CT,NC,ME,NH-P
Chrysene	CT,NC,ME,NH-P
Dibenz(a,h)anthracene	CT,NC,ME,NH-P
Fluoranthene	CT,NC,ME,NH-P
Fluorene	CT,NC,ME
Indeno(1,2,3-cd)pyrene	CT,NC,ME,NH-P
2-Methylnaphthalene	CT,NC
Naphthalene	CT,NC,ME,NH-P
Phenanthrene	CT,NC,ME,NH-P
Pyrene	CT,NC,ME,NH-P
SW-846 6020B in Water	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,RI,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8260C-D in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NY
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromoethane (EDB)	NY
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	NH,NY,ME
o-Xylene	NH,NY,ME
SW-846 8270D-E in Water	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Aniline	CT,NY
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY
1,3-Dichlorobenzene	NY
1,4-Dichlorobenzene	NY
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D-E in Water	
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4,5-Tetrachlorobenzene	NY
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2020
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2020
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021

20F1199

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 1 of 2

Company Name: APEX COMPANY
Address: 58H CONNECTICUT AVE SOUTH WINDSOR, CT
Phone: 860-282-1700
Project Name: EVERSOURCE - WETHERSFIELD
Project Location: WETHERSFIELD, CT
Project Number: 6089-015A
Project Manager: DONNA KASK
Con-Test Quote Name/Number:
Invoice Recipient: APEX
Sampled By: J. STANLEWICZ / M. LADNY

Turnaround Time Requested (TAT)
7-Day ☐ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date: 5 DAY

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Deliverables
Format: PDF X EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: DKASK@APEXCOS.COM
Fax To #:

Drinking Water Samples
☒ Field Filtered
○ Lab to Filter

Non-Drinking Water Samples
○ Field Filtered
○ Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	TOTAL RSR METALS MERCURY	DISSOLVED CT RSR METALS	8260	SVOC'S	EPH
1	AP-12R	6/22/20	0930	G	GW	U	3	2	2			✓	✓	✓	✓	✓
2	AP-101R		1235	G	GW	U	3	4	2			✓		✓	✓	✓
3	AP-2R		1510	G	GW	U	3	4	2			✓		✓	✓	✓
4	AP-6R		1135	G	GW	U	3	4	2			✓		✓	✓	✓
5	AP-11R	↓	1325	G	GW	U	3	4	2			✓		✓	✓	✓
6	TB	—	—	G	O	C	2							✓		
7	AP-1R	6/23/20	0955	G	GW	U	3	4	2			✓		✓	✓	✓
8	AP-3R		1150	G	GW	U	3	4	2			✓		✓	✓	✓
9	AP-9R		0900	G	GW	U	3	4	2			✓		✓	✓	✓
10	DUP ~~2200~~ 20200623	↓	~~090~~	G	GW	U	3	4	2			✓		✓	✓	✓

Relinquished by: (signature) — Date/Time: 6/24/20 1500
Received by: (signature) 5.1 3.3 2.6 2.5 TMS — Date/Time: 6/24/20 1500
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:

Client Comments:

Detection Limit Requirements
PWS:
Other:

Special Requirements
MA MCP Required
RCP Certification Form Required
CT RCP Required X
RCP Certification Form Required
MA State DW Required
PWSID #

CT RSR GA, SWPC, RVC & I/C VC

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

[2] Preservation Code
Container Type/Preservative
Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Comments:
QAQC - STANDARD + DQA
HOLD DISSOLVED CT RSR METAL SAMPLES

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine wha analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Cor Test values your partnership on each project and will try to assist with missing information, but will not l held accountable.

Table of Contents

2 OF 1199

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 2 of 2

Company Name: APEX COMPANY
Address: 58H CONNECTICUT AVE SOUTH WINDSOR, CT
Phone: 860 - 282-1700
Project Name: EVERSOURCE - WETHERSFIELD
Project Location: WETHERSFIELD, CT
Project Number: 6089-015A
Project Manager: DONNA KASK
Con-Test Quote Name/Number:
Invoice Recipient: APEX
Sampled By: J. STANLEWICZ & M. LADNY

Turnaround Time Requested
7-Day ☐ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date: 5 DAY

Data Deliverables
Format: PDF X EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: DKASK@APEXCOS.COM
Fax To #:

Results "As Received" (Samples will be Field Filtered or Lab to Filter)
X Field Filtered
○ Lab to Filter

Run Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1] Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	TOTAL RSR METALS + MERCURY	DISSOLVED CT RSR METALS	8260	SVOC'S	EPH									[2] Preservation Code
11	AP-4R	6/23/20	1210	G	GW	U	3	4	2			✓		✓	✓	✓									
9	MS	↓	1150	G	GW	U	3	4	2			✓		✓	✓	✓									
	MSD	↓	1150	G	GW	U	3	2	2			✓		✓	✓	✓									
12	TB	—	—	G	O	C	2							✓											
13	AP-13R BR	6/24/20	0840	G	GW	U	3	4	2			✓		✓	✓	✓									
14	AP-15R BR	↓	1205	G	GW	U	3	4	2			✓		✓	✓	✓									
15	TB	—	—	G	O	C	2							✓											

Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define) DI

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

	Date/Time
Relinquished by: (signature)	6/24/20 1500
Received by: (signature) JWS 5.1 3.1 3.6 2.5	6/24 1500
Relinquished by: (signature)	
Received by: (signature)	
Relinquished by: (signature)	
Received by: (signature)	
Relinquished by: (signature)	
Received by: (signature)	

Client Comments: QAQC - STANDARD + DQA
HOLD DISSOLVED CT RSR METAL SAMPLES

Detection Limit Requirements
MA
Other

Special Requirements
Mass MCP Required
MCP Certification Form Required
X CT RCP Required
RCP Certification Form Required
MA State DW Required
PWSID #

CT RSR GA
SW PC, RVC + I/C VC

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine wha analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Cor Test values your partnership on each project and will try to assist with missing information, but will not t held accountable.

Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples JMS

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Apex Company

Received By CM Date 6/24 Time 1500

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 5 Actual Temp - 5.1/3.3/3.6/2.5
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? NA Were Samples Tampered with? N/A
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? ____
Are there Rushes? F Who was notified? ____
Are there Short Holds? F Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? F MS/MSD? T
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? T On COC? T
Do all samples have the proper pH? Acid T Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	52	1 Liter Plastic		16 oz Amb.	
HCL-	98	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic	28	4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Apex Companies, LLC - South Windsor, C

Project Location: Wethersfield, CT

Project Number: 20F1199

Laboratory Sample ID(s):

20F1199-01 thru 20F1199-15

Sample Date(s):

06/22/2020,
06/23/2020,
06/24/2020

List RCP Methods Used:

MADEP-EPH-04-1.1, SW-846 6020B, SW-846 7470A, SW-846 8260C-D, SW-846 8270D-E

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

Lisa A. Worthington

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** Technical Representative

Printed Name: Lisa A. Worthington **Date:** 07/01/20

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 11, 2020

Donna L. Kask
Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074

Project Location: Wethersfield ,CT
Client Job Number:
Project Number: 6089-015
Laboratory Work Order Number: 20I0158

Enclosed are results of analyses for samples received by the laboratory on September 2, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
Project Manager

Table of Contents

Sample Summary 4
Case Narrative 6
Sample Results 10
20I0158-01 10
20I0158-02 15
20I0158-03 21
20I0158-04 27
20I0158-05 33
20I0158-06 39
20I0158-07 42
20I0158-08 44
20I0158-09 50
20I0158-10 56
20I0158-11 62
20I0158-12 68
20I0158-13 74
20I0158-14 77
20I0158-15 79
Sample Preparation Information 81
QC Data 84
Volatile Organic Compounds by GC/MS 84
B265752 84
Semivolatile Organic Compounds by GC/MS 90
B265860 90
B265959 94

Table of Contents (continued)

B266126 101
B266301 102
Petroleum Hydrocarbons Analyses - EPH 104
B265859 104
B265960 105
Metals Analyses (Total) 107
B265699 107
B265835 108
Flag/Qualifier Summary 110
Certifications 111
Chain of Custody/Sample Receipt 116

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074
ATTN: Donna L. Kask

REPORT DATE: 9/11/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 6089-015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20I0158

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wethersfield ,CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
AP-12R	20I0158-01	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-101R	20I0158-02	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-3R	20I0158-03	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-6R	20I0158-04	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-9R	20I0158-05	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
DUP 20200831	20I0158-06	Ground Water		SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
TB	20I0158-07	Trip Blank Water		SW-846 8260C-D	
AP-2R	20I0158-08	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-1R	20I0158-09	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074
ATTN: Donna L. Kask

REPORT DATE: 9/11/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 6089-015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20I0158

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wethersfield ,CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
AP-15R-BR	20I0158-10	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-13R-BR	20I0158-11	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-4R	20I0158-12	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
DUP 20200831	20I0158-13	Ground Water		MADEP EPH rev 2.1	
				SW-846 8270D-E	
TB	20I0158-14	Trip Blank Water		SW-846 8260C-D	
AP-12R	20I0158-15	Ground Water		SW-846 8270D-E	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 8270E, only a select list of PAHs was analyzed and reported in order to achieve lower detection limits than possible with EPH analysis.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 6020B

Qualifications:

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

Zinc
B265699-MSD1

SW-846 8260C-D

Qualifications:

L-01

Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

Bromomethane
B265752-BS1

L-03

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

trans-1,4-Dichloro-2-butene
20I0158-01[AP-12R], 20I0158-02[AP-101R], 20I0158-03[AP-3R], 20I0158-04[AP-6R], 20I0158-05[AP-9R], 20I0158-06[DUP 20200831], 20I0158-07[TB], 20I0158-08[AP-2R], 20I0158-09[AP-1R], 20I0158-10[AP-15R-BR], 20I0158-11[AP-13R-BR], 20I0158-12[AP-4R], 20I0158-14[TB], B265752-BLK1, B265752-BS1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Chloromethane
B265752-MS1, B265752-MSD1

trans-1,4-Dichloro-2-butene
B265752-MS1, B265752-MSD1

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

Acrylonitrile
B265752-MS1

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DB
20I0158-01[AP-12R], 20I0158-02[AP-101R], 20I0158-03[AP-3R], 20I0158-04[AP-6R], 20I0158-05[AP-9R], 20I0158-06[DUP 20200831], 20I0158-07[TB], 20I0158-08[AP-2R], 20I0158-09[AP-1R], 20I0158-10[AP-15R-BR], 20I0158-11[AP-13R-BR], 20I0158-12[AP-4R], 20I0158-14[TB], B265752-BLK1, B265752-BS1, B265752-MS1, B265752-MSD1
trans-1,4-Dichloro-2-butene
20I0158-01[AP-12R], 20I0158-02[AP-101R], 20I0158-03[AP-3R], 20I0158-04[AP-6R], 20I0158-05[AP-9R], 20I0158-06[DUP 20200831], 20I0158-07[TB], 20I0158-08[AP-2R], 20I0158-09[AP-1R], 20I0158-10[AP-15R-BR], 20I0158-11[AP-13R-BR], 20I0158-12[AP-4R], 20I0158-14[TB], B265752-BLK1, B265752-BS1, B265752-MS1, B265752-MSD1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane
B265752-BS1, B265752-MS1, B265752-MSD1

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

Bromomethane

20I0158-01[AP-12R], 20I0158-02[AP-101R], 20I0158-03[AP-3R], 20I0158-04[AP-6R], 20I0158-05[AP-9R], 20I0158-06[DUP 20200831], 20I0158-07[TB], 20I0158-08[AP-2R], 20I0158-09[AP-1R], 20I0158-10[AP-15R-BR], 20I0158-11[AP-13R-BR], 20I0158-12[AP-4R], 20I0158-14[TB], B265752-BLK1, B265752-BS1, B265752-MS1, B265752-MSD1

Chloromethane

20I0158-01[AP-12R], 20I0158-02[AP-101R], 20I0158-03[AP-3R], 20I0158-04[AP-6R], 20I0158-05[AP-9R], 20I0158-06[DUP 20200831], 20I0158-07[TB], 20I0158-08[AP-2R], 20I0158-09[AP-1R], 20I0158-10[AP-15R-BR], 20I0158-11[AP-13R-BR], 20I0158-12[AP-4R], 20I0158-14[TB], B265752-BLK1, B265752-BS1, B265752-MS1, B265752-MSD1

SW-846 8270D-E

Qualifications:

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Hexachlorocyclopentadiene

20I0158-10[AP-15R-BR], 20I0158-12[AP-4R], 20I0158-13[DUP 20200831], 20I0158-15[AP-12R], B265959-BLK1, B265959-BS1, B265959-BSD1, B265959-MS1, B265959-MSD1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Hexachloroethane

B265959-BS1

M-09

The interference check sample was outside of control limits. Possibility of interference that may lead to a high bias for reported result.

Analyte & Samples(s) Qualified:

Hexachlorocyclopentadiene

20I0158-10[AP-15R-BR], B265959-MS1, B265959-MSD1

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Pyridine

20I0158-10[AP-15R-BR], B265959-MS1, B265959-MSD1

RL-03

Elevated reporting limit based on lowest point in calibration.
Requested reporting limit not met.

Analyte & Samples(s) Qualified:

Hexachlorobenzene

20I0158-02[AP-101R], 20I0158-03[AP-3R], 20I0158-04[AP-6R], 20I0158-05[AP-9R], 20I0158-08[AP-2R], 20I0158-09[AP-1R], 20I0158-10[AP-15R-BR], 20I0158-11[AP-13R-BR]

Pentachloronitrobenzene

20I0158-02[AP-101R], 20I0158-03[AP-3R], 20I0158-04[AP-6R], 20I0158-05[AP-9R], 20I0158-08[AP-2R], 20I0158-09[AP-1R], 20I0158-10[AP-15R-BR], 20I0158-11[AP-13R-BR]

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol
20I0158-02[AP-101R], 20I0158-03[AP-3R], 20I0158-04[AP-6R], 20I0158-05[AP-9R], 20I0158-08[AP-2R], 20I0158-09[AP-1R], 20I0158-10[AP-15R-BR], 20I0158-11[AP-13R-BR], 20I0158-12[AP-4R], 20I0158-13[DUP 20200831], 20I0158-15[AP-12R], B265860-BLK1, B265860-BS1, B265860-BSD1, B265959-BLK1, B265959-BS1, B265959-BSD1, B265959-MS1, B265959-MSD1

Aniline
20I0158-12[AP-4R], 20I0158-13[DUP 20200831], 20I0158-15[AP-12R]

Bis(2-Ethylhexyl)phthalate
20I0158-04[AP-6R], 20I0158-05[AP-9R], 20I0158-08[AP-2R], 20I0158-09[AP-1R], 20I0158-10[AP-15R-BR], 20I0158- 11[AP-13R-BR], 20I0158-12[AP-4R], 20I0158-13[DUP 20200831], 20I0158-15[AP-12R], B265860-BLK1, B265860-BS1, B265860-BSD1, B265959-BLK1, B265959-BS1, B265959-BSD1, B265959-MS1, B265959-MSD1

Butylbenzylphthalate
20I0158-04[AP-6R], 20I0158-05[AP-9R], 20I0158-08[AP-2R], 20I0158-09[AP-1R], 20I0158-10[AP-15R-BR], 20I0158- 11[AP-13R-BR], B265860-BLK1, B265860-BS1, B265860-BSD1, B265959-BLK1, B265959-BS1, B265959-BSD1, B265959-MS1, B265959-MSD1

Di-n-octylphthalate
20I0158-02[AP-101R], 20I0158-03[AP-3R], 20I0158-04[AP-6R], 20I0158-05[AP-9R], 20I0158-08[AP-2R], 20I0158-09[AP-1R], 20I0158-10[AP-15R-BR], 20I0158-11[AP-13R-BR], 20I0158-12[AP-4R], 20I0158-13[DUP 20200831], 20I0158-15[AP-12R], B265860-BLK1, B265860-BS1, B265860-BSD1, B265959-BLK1, B265959-BS1, B265959-BSD1, B265959-MS1, B265959-MSD1

Hexachlorocyclopentadiene
20I0158-02[AP-101R], 20I0158-03[AP-3R], 20I0158-04[AP-6R], 20I0158-05[AP-9R], 20I0158-08[AP-2R], 20I0158-09[AP-1R], 20I0158-10[AP-15R-BR], 20I0158-11[AP-13R-BR], 20I0158-12[AP-4R], 20I0158-13[DUP 20200831], 20I0158-15[AP-12R], B265860-BLK1, B265860-BS1, B265860-BSD1, B265959-BLK1, B265959-BS1, B265959-BSD1, B265959-MS1, B265959-MSD1

Pentachlorophenol
20I0158-02[AP-101R], 20I0158-03[AP-3R]

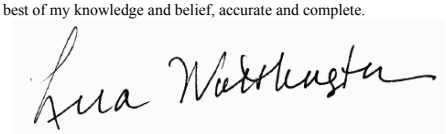
V-35

Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

2-Nitroaniline
20I0158-02[AP-101R], 20I0158-03[AP-3R], 20I0158-04[AP-6R], 20I0158-05[AP-9R], 20I0158-08[AP-2R], 20I0158-09[AP-1R], 20I0158-10[AP-15R-BR], 20I0158-11[AP-13R-BR], 20I0158-12[AP-4R], 20I0158-13[DUP 20200831], 20I0158-15[AP-12R], B265860-BLK1, B265860-BS1, B265860-BSD1, B265959-BLK1, B265959-BS1, B265959-BSD1, B265959-MS1, B265959-MSD1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-12R | Sampled: 8/31/2020 08:30

Sample ID: 20I0158-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Chloromethane	ND	0.60	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-12R | Sampled: 8/31/2020 08:30

Sample ID: 20I0158-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 13:50	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	75.7	70-130		9/3/20 13:50
Toluene-d8	93.1	70-130		9/3/20 13:50
4-Bromofluorobenzene	99.6	70-130		9/3/20 13:50

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-12R | Sampled: 8/31/2020 08:30

Sample ID: 20I0158-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthylene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 9:49	rmw
Benzo(a)anthracene (SIM)	0.086	0.048	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 9:49	rmw
Benzo(a)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 9:49	rmw
Benzo(b)fluoranthene (SIM)	0.11	0.048	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 9:49	rmw
Benzo(g,h,i)perylene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 9:49	rmw
Benzo(k)fluoranthene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 9:49	rmw
Chrysene (SIM)	0.098	0.097	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 9:49	rmw
Dibenz(a,h)anthracene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 9:49	rmw
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 9:49	rmw
Phenanthrene (SIM)	0.82	0.048	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 9:49	rmw

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
o-Terphenyl (OTP)	83.0	30-130				9/10/20 9:49	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-12R | Sampled: 8/31/2020 08:30

Sample ID: 20I0158-01

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 16:45	RDD
C19-C36 Aliphatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 16:45	RDD
Unadjusted C11-C22 Aromatics	110	97	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 16:45	RDD
C11-C22 Aromatics	110	97	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 16:45	RDD
Acenaphthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 16:45	RDD
Anthracene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 16:45	RDD
Fluoranthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 16:45	RDD
Fluorene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 16:45	RDD
2-Methylnaphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 16:45	RDD
Naphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 16:45	RDD
Pyrene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 16:45	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	76.3	40-140		9/10/20 16:45
o-Terphenyl (OTP)	86.7	40-140		9/10/20 16:45
2-Bromonaphthalene	88.3	40-140		9/10/20 16:45
2-Fluorobiphenyl	96.4	40-140		9/10/20 16:45

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-12R | Sampled: 8/31/2020 08:30

Sample ID: 20I0158-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:42	QNW
Arsenic	1.1	0.80		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:42	QNW
Barium	300	10		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:42	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:42	QNW
Cadmium	0.067	0.20	0.038	µg/L	1	J	SW-846 6020B	9/2/20	9/3/20 10:42	QNW
Chromium	5.7	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:42	QNW
Copper	6.8	1.0	0.87	µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:42	QNW
Lead	0.92	0.50		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:42	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	9/4/20	9/8/20 13:23	CJV
Nickel	16	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:42	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:42	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:42	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:42	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:42	QNW
Zinc	130	10	2.3	µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:42	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-101R | Sampled: 8/31/2020 10:50

Sample ID: 20I0158-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Chloromethane	ND	0.60	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-101R | Sampled: 8/31/2020 10:50

Sample ID: 20I0158-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:16	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	75.9	70-130		9/3/20 14:16
Toluene-d8	93.2	70-130		9/3/20 14:16
4-Bromofluorobenzene	97.5	70-130		9/3/20 14:16

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-101R | Sampled: 8/31/2020 10:50

Sample ID: 20I0158-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Acenaphthylene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Acenaphthylene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:17	rmw
Aniline	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Benzo(a)anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Benzo(a)anthracene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:17	rmw
Benzo(a)pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Benzo(a)pyrene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:17	rmw
Benzo(b)fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Benzo(b)fluoranthene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:17	rmw
Benzo(g,h,i)perylene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:17	rmw
Benzo(k)fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Benzo(k)fluoranthene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:17	rmw
Bis(2-chloroethoxy)methane	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Bis(2-chloroethyl)ether	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Bis(2-chloroisopropyl)ether	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Bis(2-Ethylhexyl)phthalate	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
4-Bromophenylphenylether	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Butylbenzylphthalate	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Carbazole	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
4-Chloroaniline	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
4-Chloro-3-methylphenol	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
2-Chloronaphthalene	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
2-Chlorophenol	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
4-Chlorophenylphenylether	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Chrysene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Chrysene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:17	rmw
Dibenz(a,h)anthracene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:17	rmw
Dibenzofuran	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Di-n-butylphthalate	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
3,3-Dichlorobenzidine	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
2,4-Dichlorophenol	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Diethylphthalate	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
2,4-Dimethylphenol	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Dimethylphthalate	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
4,6-Dinitro-2-methylphenol	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
2,4-Dinitrophenol	ND	9.8	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
2,4-Dinitrotoluene	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
2,6-Dinitrotoluene	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Di-n-octylphthalate	ND	9.8	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Fluoranthene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-101R | Sampled: 8/31/2020 10:50

Sample ID: 20I0158-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Hexachlorobutadiene	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Hexachlorocyclopentadiene	ND	9.8	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Indeno(1,2,3-cd)pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:17	rmw
Isophorone	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
2-Methylnaphthalene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
2-Methylphenol	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
3/4-Methylphenol	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Naphthalene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
2-Nitroaniline	ND	9.8	µg/L	1	V-35	SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
3-Nitroaniline	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
4-Nitroaniline	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Nitrobenzene	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
2-Nitrophenol	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
4-Nitrophenol	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
N-Nitrosodi-n-propylamine	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Pentachloronitrobenzene	ND	4.9	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Pentachlorophenol	ND	9.8	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Phenanthrene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Phenanthrene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:17	rmw
Phenol	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Pyrene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
Pyridine	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
1,2,4,5-Tetrachlorobenzene	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
1,2,4-Trichlorobenzene	ND	4.9	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
2,4,5-Trichlorophenol	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL
2,4,6-Trichlorophenol	ND	9.8	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 10:40	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	53.9	15-110		9/9/20 10:40
Phenol-d6	32.8	15-110		9/9/20 10:40
Nitrobenzene-d5	83.3	30-130		9/9/20 10:40
2-Fluorobiphenyl	94.8	30-130		9/9/20 10:40
2,4,6-Tribromophenol	101	15-110		9/9/20 10:40
p-Terphenyl-d14	101	30-130		9/9/20 10:40
o-Terphenyl (OTP)	81.8	30-130		9/10/20 10:17

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-101R | Sampled: 8/31/2020 10:50

Sample ID: 20I0158-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	96	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:04	RDD
C19-C36 Aliphatics	ND	96	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:04	RDD
Unadjusted C11-C22 Aromatics	ND	96	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:04	RDD
C11-C22 Aromatics	ND	96	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:04	RDD
Acenaphthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:04	RDD
Anthracene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:04	RDD
Fluoranthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:04	RDD
Fluorene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:04	RDD
2-Methylnaphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:04	RDD
Naphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:04	RDD
Pyrene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:04	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	79.6	40-140		9/10/20 17:04
o-Terphenyl (OTP)	86.1	40-140		9/10/20 17:04
2-Bromonaphthalene	97.4	40-140		9/10/20 17:04
2-Fluorobiphenyl	105	40-140		9/10/20 17:04

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-101R | Sampled: 8/31/2020 10:50

Sample ID: 20I0158-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:45	QNW
Arsenic	1.3	0.80		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:45	QNW
Barium	88	10		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:45	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:45	QNW
Cadmium	0.055	0.20	0.038	µg/L	1	J	SW-846 6020B	9/2/20	9/3/20 10:45	QNW
Chromium	ND	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:45	QNW
Copper	2.9	1.0	0.87	µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:45	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:45	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	9/4/20	9/8/20 13:24	CJV
Nickel	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:45	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:45	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:45	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:45	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:45	QNW
Zinc	6.7	10	2.3	µg/L	1	J	SW-846 6020B	9/2/20	9/3/20 10:45	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-3R | Sampled: 8/31/2020 12:50

Sample ID: 20I0158-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Chloromethane	ND	0.60	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-3R | Sampled: 8/31/2020 12:50

Sample ID: 20I0158-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 14:43	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	77.3	70-130		9/3/20 14:43
Toluene-d8	95.8	70-130		9/3/20 14:43
4-Bromofluorobenzene	98.8	70-130		9/3/20 14:43

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-3R | Sampled: 8/31/2020 12:50

Sample ID: 20I0158-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:45	rmw
Aniline	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:45	rmw
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:45	rmw
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:45	rmw
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:45	rmw
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:45	rmw
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Chrysene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:45	rmw
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:45	rmw
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Di-n-octylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-3R | Sampled: 8/31/2020 12:50

Sample ID: 20I0158-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:45	rmw
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
2-Nitroaniline	ND	10	µg/L	1	V-35	SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Pentachloronitrobenzene	ND	5.1	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Pentachlorophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 10:45	rmw
Phenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
Pyridine	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/9/20 11:03	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	38.2	15-110		9/9/20 11:03
Phenol-d6	25.5	15-110		9/9/20 11:03
Nitrobenzene-d5	61.5	30-130		9/9/20 11:03
2-Fluorobiphenyl	71.0	30-130		9/9/20 11:03
2,4,6-Tribromophenol	76.7	15-110		9/9/20 11:03
p-Terphenyl-d14	83.7	30-130		9/9/20 11:03
o-Terphenyl (OTP)	76.3	30-130		9/10/20 10:45

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-3R | Sampled: 8/31/2020 12:50

Sample ID: 20I0158-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:23	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:23	RDD
Unadjusted C11-C22 Aromatics	120	100	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:23	RDD
C11-C22 Aromatics	110	100	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:23	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:23	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:23	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:23	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:23	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:23	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:23	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:23	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	69.5	40-140		9/10/20 17:23
o-Terphenyl (OTP)	73.3	40-140		9/10/20 17:23
2-Bromonaphthalene	88.8	40-140		9/10/20 17:23
2-Fluorobiphenyl	97.4	40-140		9/10/20 17:23

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-3R | Sampled: 8/31/2020 12:50

Sample ID: 20I0158-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW
Arsenic	0.83	0.80		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW
Barium	420	10		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW
Cadmium	0.75	0.20	0.038	µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW
Chromium	1.7	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW
Copper	4.5	1.0	0.87	µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	9/4/20	9/8/20 13:26	CJV
Nickel	12	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW
Vanadium	11	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW
Zinc	16	10	2.3	µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:49	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-6R | Sampled: 8/31/2020 09:00

Sample ID: 20I0158-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Chloromethane	ND	0.60	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-6R | Sampled: 8/31/2020 09:00

Sample ID: 20I0158-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:09	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	77.7	70-130			9/3/20 15:09
Toluene-d8	93.9	70-130			9/3/20 15:09
4-Bromofluorobenzene	99.4	70-130			9/3/20 15:09

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-6R | Sampled: 8/31/2020 09:00

Sample ID: 20I0158-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Acenaphthylene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 11:14	rmw
Aniline	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Benzo(a)anthracene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 11:14	rmw
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Benzo(a)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 11:14	rmw
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Benzo(b)fluoranthene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 11:14	rmw
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 11:14	rmw
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Benzo(k)fluoranthene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 11:14	rmw
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Butylbenzylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Chrysene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Chrysene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 11:14	rmw
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 11:14	rmw
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Di-n-octylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-6R | Sampled: 8/31/2020 09:00

Sample ID: 20I0158-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 11:14	rmw
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
2-Nitroaniline	ND	10	µg/L	1	V-35	SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Pentachloronitrobenzene	ND	5.0	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Phenanthrene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 11:14	rmw
Phenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
Pyridine	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:30	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	51.0	15-110		9/10/20 20:30
Phenol-d6	32.4	15-110		9/10/20 20:30
Nitrobenzene-d5	81.2	30-130		9/10/20 20:30
2-Fluorobiphenyl	92.4	30-130		9/10/20 20:30
2,4,6-Tribromophenol	101	15-110		9/10/20 20:30
p-Terphenyl-d14	101	30-130		9/10/20 20:30
o-Terphenyl (OTP)	78.6	30-130		9/10/20 11:14

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-6R | Sampled: 8/31/2020 09:00

Sample ID: 20I0158-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:42	RDD
C19-C36 Aliphatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:42	RDD
Unadjusted C11-C22 Aromatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:42	RDD
C11-C22 Aromatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:42	RDD
Acenaphthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:42	RDD
Anthracene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:42	RDD
Fluoranthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:42	RDD
Fluorene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:42	RDD
2-Methylnaphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:42	RDD
Naphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:42	RDD
Pyrene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 17:42	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	67.3	40-140		9/10/20 17:42
o-Terphenyl (OTP)	85.8	40-140		9/10/20 17:42
2-Bromonaphthalene	99.2	40-140		9/10/20 17:42
2-Fluorobiphenyl	106	40-140		9/10/20 17:42

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-6R | Sampled: 8/31/2020 09:00

Sample ID: 20I0158-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW
Arsenic	3.1	0.80		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW
Barium	190	10		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW
Cadmium	ND	0.20	0.038	µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW
Chromium	5.9	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW
Copper	10	1.0	0.87	µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW
Lead	1.6	0.50		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	9/4/20	9/8/20 13:28	CJV
Nickel	7.0	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW
Vanadium	8.9	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW
Zinc	15	10	2.3	µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:59	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-9R | Sampled: 8/31/2020 12:05

Sample ID: 20I0158-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Chloromethane	ND	0.60	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-9R | Sampled: 8/31/2020 12:05

Sample ID: 20I0158-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 15:35	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	75.2	70-130		9/3/20 15:35
Toluene-d8	94.9	70-130		9/3/20 15:35
4-Bromofluorobenzene	98.4	70-130		9/3/20 15:35

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-9R | Sampled: 8/31/2020 12:05

Sample ID: 20I0158-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 12:59	rmw
Aniline	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 12:59	rmw
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 12:59	rmw
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 12:59	rmw
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 12:59	rmw
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 12:59	rmw
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Butylbenzylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Chrysene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 12:59	rmw
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 12:59	rmw
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Di-n-octylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-9R | Sampled: 8/31/2020 12:05

Sample ID: 20I0158-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 12:59	rmw
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
2-Nitroaniline	ND	10	µg/L	1	V-35	SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Pentachloronitrobenzene	ND	5.1	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 12:59	rmw
Phenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
Pyridine	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 20:55	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	43.8	15-110		9/10/20 20:55
Phenol-d6	27.1	15-110		9/10/20 20:55
Nitrobenzene-d5	70.1	30-130		9/10/20 20:55
2-Fluorobiphenyl	79.6	30-130		9/10/20 20:55
2,4,6-Tribromophenol	85.1	15-110		9/10/20 20:55
p-Terphenyl-d14	86.9	30-130		9/10/20 20:55
o-Terphenyl (OTP)	84.3	30-130		9/10/20 12:59

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-9R | Sampled: 8/31/2020 12:05

Sample ID: 20I0158-05

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 18:01	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 18:01	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 18:01	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 18:01	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 18:01	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 18:01	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 18:01	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 18:01	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 18:01	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 18:01	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/4/20	9/10/20 18:01	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	76.3	40-140		9/10/20 18:01
o-Terphenyl (OTP)	80.4	40-140		9/10/20 18:01
2-Bromonaphthalene	82.5	40-140		9/10/20 18:01
2-Fluorobiphenyl	89.0	40-140		9/10/20 18:01

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-9R | Sampled: 8/31/2020 12:05

Sample ID: 20I0158-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:02	QNW
Arsenic	ND	0.80		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:02	QNW
Barium	110	10		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:02	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:02	QNW
Cadmium	ND	0.20	0.038	µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:02	QNW
Chromium	1.3	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:02	QNW
Copper	3.6	1.0	0.87	µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:02	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:02	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	9/4/20	9/8/20 13:29	CJV
Nickel	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:02	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:02	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:02	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:02	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:02	QNW
Zinc	7.9	10	2.3	µg/L	1	J	SW-846 6020B	9/2/20	9/3/20 11:02	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: DUP 20200831 | Sampled: 8/31/2020 00:00

Sample ID: 20I0158-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Chloromethane	ND	0.60	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: DUP 20200831 | Sampled: 8/31/2020 00:00

Sample ID: 20I0158-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:01	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	75.3	70-130		9/3/20 16:01
Toluene-d8	94.0	70-130		9/3/20 16:01
4-Bromofluorobenzene	99.0	70-130		9/3/20 16:01

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: DUP 20200831 | Sampled: 8/31/2020 00:00

Sample ID: 20I0158-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:05	QNW
Arsenic	ND	0.80		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:05	QNW
Barium	110	10		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:05	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:05	QNW
Cadmium	ND	0.20	0.038	µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:05	QNW
Chromium	1.5	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:05	QNW
Copper	2.3	1.0	0.87	µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:05	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:05	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	9/4/20	9/8/20 13:31	CJV
Nickel	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:05	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:05	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:05	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:05	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:05	QNW
Zinc	4.4	10	2.3	µg/L	1	J	SW-846 6020B	9/2/20	9/3/20 11:05	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: TB | Sampled: 8/31/2020 00:00

Sample ID: 20I0158-07

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Chloromethane	ND	0.60	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: TB | Sampled: 8/31/2020 00:00

Sample ID: 20I0158-07

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:58	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	74.7	70-130		9/3/20 12:58
Toluene-d8	93.6	70-130		9/3/20 12:58
4-Bromofluorobenzene	98.7	70-130		9/3/20 12:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-2R | Sampled: 9/1/2020 08:45

Sample ID: 20I0158-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Chloromethane	ND	0.60	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-2R | Sampled: 9/1/2020 08:45

Sample ID: 20I0158-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:27	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	77.2	70-130		9/3/20 16:27
Toluene-d8	93.2	70-130		9/3/20 16:27
4-Bromofluorobenzene	97.9	70-130		9/3/20 16:27

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-2R | Sampled: 9/1/2020 08:45

Sample ID: 20I0158-08

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:14	rmw
Aniline	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Benzo(a)anthracene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:14	rmw
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Benzo(a)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:14	rmw
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Benzo(b)fluoranthene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:14	rmw
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:14	rmw
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:14	rmw
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Butylbenzylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Chrysene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Chrysene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:14	rmw
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:14	rmw
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Di-n-octylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-2R | Sampled: 9/1/2020 08:45

Sample ID: 20I0158-08

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:14	rmw
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
2-Nitroaniline	ND	10	µg/L	1	V-35	SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Pentachloronitrobenzene	ND	5.0	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Phenanthrene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:14	rmw
Phenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
Pyridine	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:20	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
2-Fluorophenol	42.3	15-110		9/10/20	21:20
Phenol-d6	27.0	15-110		9/10/20	21:20
Nitrobenzene-d5	69.5	30-130		9/10/20	21:20
2-Fluorobiphenyl	82.5	30-130		9/10/20	21:20
2,4,6-Tribromophenol	89.2	15-110		9/10/20	21:20
p-Terphenyl-d14	90.1	30-130		9/10/20	21:20
o-Terphenyl (OTP)	114	30-130		9/11/20	14:14

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-2R | Sampled: 9/1/2020 08:45

Sample ID: 20I0158-08

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	99	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 10:47	RDD
C19-C36 Aliphatics	ND	99	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 10:47	RDD
Unadjusted C11-C22 Aromatics	ND	99	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 10:47	RDD
C11-C22 Aromatics	ND	99	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 10:47	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 10:47	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 10:47	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 10:47	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 10:47	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 10:47	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 10:47	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 10:47	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	78.8	40-140		9/11/20 10:47
o-Terphenyl (OTP)	94.1	40-140		9/11/20 10:47
2-Bromonaphthalene	99.8	40-140		9/11/20 10:47
2-Fluorobiphenyl	104	40-140		9/11/20 10:47

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-2R | Sampled: 9/1/2020 08:45

Sample ID: 20I0158-08

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:09	QNW
Arsenic	1.4	0.80		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:09	QNW
Barium	71	10		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:09	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:09	QNW
Cadmium	0.12	0.20	0.038	µg/L	1	J	SW-846 6020B	9/2/20	9/3/20 11:09	QNW
Chromium	1.3	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:09	QNW
Copper	2.3	1.0	0.87	µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:09	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:09	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	9/4/20	9/8/20 13:33	CJV
Nickel	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:09	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:09	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:09	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:09	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:09	QNW
Zinc	69	10	2.3	µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:09	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-1R | Sampled: 9/1/2020 09:55

Sample ID: 20I0158-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Chloromethane	ND	0.60	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-1R | Sampled: 9/1/2020 09:55

Sample ID: 20I0158-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 16:53	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	76.0	70-130		9/3/20 16:53
Toluene-d8	94.8	70-130		9/3/20 16:53
4-Bromofluorobenzene	96.4	70-130		9/3/20 16:53

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-1R | Sampled: 9/1/2020 09:55

Sample ID: 20I0158-09

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:36	rmw
Aniline	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:36	rmw
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:36	rmw
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:36	rmw
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:36	rmw
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:36	rmw
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Butylbenzylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Chrysene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:36	rmw
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:36	rmw
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Di-n-octylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-1R | Sampled: 9/1/2020 09:55

Sample ID: 20I0158-09

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:36	rmw
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
2-Nitroaniline	ND	10	µg/L	1	V-35	SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Pentachloronitrobenzene	ND	5.0	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:36	rmw
Phenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
Pyridine	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 21:43	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
2-Fluorophenol	42.0	15-110		9/10/20	21:43
Phenol-d6	27.1	15-110		9/10/20	21:43
Nitrobenzene-d5	69.3	30-130		9/10/20	21:43
2-Fluorobiphenyl	82.9	30-130		9/10/20	21:43
2,4,6-Tribromophenol	87.5	15-110		9/10/20	21:43
p-Terphenyl-d14	89.9	30-130		9/10/20	21:43
o-Terphenyl (OTP)	117	30-130		9/11/20	14:36

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-1R | Sampled: 9/1/2020 09:55

Sample ID: 20I0158-09

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:06	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:06	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:06	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:06	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:06	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:06	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:06	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:06	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:06	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:06	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:06	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	60.6	40-140		9/11/20 11:06
o-Terphenyl (OTP)	87.3	40-140		9/11/20 11:06
2-Bromonaphthalene	94.4	40-140		9/11/20 11:06
2-Fluorobiphenyl	98.1	40-140		9/11/20 11:06

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-1R | Sampled: 9/1/2020 09:55

Sample ID: 20I0158-09

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:12	QNW
Arsenic	1.7	0.80		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:12	QNW
Barium	220	10		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:12	QNW
Beryllium	0.41	0.40		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:12	QNW
Cadmium	0.15	0.20	0.038	µg/L	1	J	SW-846 6020B	9/2/20	9/3/20 11:12	QNW
Chromium	13	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:12	QNW
Copper	14	1.0	0.87	µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:12	QNW
Lead	4.9	0.50		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:12	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	9/4/20	9/8/20 13:34	CJV
Nickel	15	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:12	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:12	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:12	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:12	QNW
Vanadium	16	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:12	QNW
Zinc	32	10	2.3	µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:12	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-15R-BR | Sampled: 9/1/2020 12:40

Sample ID: 20I0158-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Chloroform	1.2	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Chloromethane	ND	0.60	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-15R-BR | Sampled: 9/1/2020 12:40

Sample ID: 20I0158-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:19	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	75.6	70-130		9/3/20 17:19
Toluene-d8	95.3	70-130		9/3/20 17:19
4-Bromofluorobenzene	98.4	70-130		9/3/20 17:19

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-15R-BR | Sampled: 9/1/2020 12:40

Sample ID: 20I0158-10

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:59	rmw
Aniline	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:59	rmw
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:59	rmw
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:59	rmw
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:59	rmw
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:59	rmw
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Butylbenzylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Chrysene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:59	rmw
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:59	rmw
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Di-n-octylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-15R-BR | Sampled: 9/1/2020 12:40

Sample ID: 20I0158-10

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Hexachlorobenzene	ND	10	µg/L	1	RL-03	SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	L-04, M-09, V-05	SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:59	rmw
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
2-Nitroaniline	ND	10	µg/L	1	V-35	SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Pentachloronitrobenzene	ND	5.0	µg/L	1	RL-03	SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 14:59	rmw
Phenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
Pyridine	ND	5.0	µg/L	1	MS-09	SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/10/20 19:16	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	40.1	15-110		9/10/20 19:16
Phenol-d6	26.2	15-110		9/10/20 19:16
Nitrobenzene-d5	67.9	30-130		9/10/20 19:16
2-Fluorobiphenyl	82.2	30-130		9/10/20 19:16
2,4,6-Tribromophenol	88.9	15-110		9/10/20 19:16
p-Terphenyl-d14	92.5	30-130		9/10/20 19:16
o-Terphenyl (OTP)	106	30-130		9/11/20 14:59

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-15R-BR | Sampled: 9/1/2020 12:40

Sample ID: 20I0158-10

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:25	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:25	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:25	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:25	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:25	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:25	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:25	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:25	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:25	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:25	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 11:25	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	78.6	40-140		9/11/20 11:25
o-Terphenyl (OTP)	89.9	40-140		9/11/20 11:25
2-Bromonaphthalene	95.4	40-140		9/11/20 11:25
2-Fluorobiphenyl	99.2	40-140		9/11/20 11:25

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-15R-BR | Sampled: 9/1/2020 12:40

Sample ID: 20I0158-10

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:38	QNW
Arsenic	4.4	0.80		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:38	QNW
Barium	180	10		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:38	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:38	QNW
Cadmium	0.080	0.20	0.038	µg/L	1	J	SW-846 6020B	9/2/20	9/3/20 10:38	QNW
Chromium	2.4	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:38	QNW
Copper	3.5	1.0	0.87	µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:38	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:38	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	9/4/20	9/8/20 13:17	CJV
Nickel	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:38	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:38	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:38	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:38	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:38	QNW
Zinc	20	10	2.3	µg/L	1		SW-846 6020B	9/2/20	9/3/20 10:38	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-13R-BR | Sampled: 9/1/2020 11:55

Sample ID: 20I0158-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Chloromethane	ND	0.60	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-13R-BR | Sampled: 9/1/2020 11:55

Sample ID: 20I0158-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 17:46	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	75.2	70-130		9/3/20 17:46
Toluene-d8	94.8	70-130		9/3/20 17:46
4-Bromofluorobenzene	99.0	70-130		9/3/20 17:46

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-13R-BR | Sampled: 9/1/2020 11:55

Sample ID: 20I0158-11

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Acenaphthylene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:22	rmw
Aniline	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Benzo(a)anthracene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:22	rmw
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Benzo(a)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:22	rmw
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Benzo(b)fluoranthene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:22	rmw
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:22	rmw
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Benzo(k)fluoranthene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:22	rmw
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Butylbenzylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Chrysene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Chrysene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:22	rmw
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:22	rmw
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Di-n-octylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-13R-BR | Sampled: 9/1/2020 11:55

Sample ID: 20I0158-11

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:22	rmw
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
2-Nitroaniline	ND	10	µg/L	1	V-35	SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Pentachloronitrobenzene	ND	5.0	µg/L	1	RL-03	SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Phenanthrene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:22	rmw
Phenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
Pyridine	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/4/20	9/10/20 22:08	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	40.4	15-110		9/10/20 22:08
Phenol-d6	26.1	15-110		9/10/20 22:08
Nitrobenzene-d5	69.1	30-130		9/10/20 22:08
2-Fluorobiphenyl	81.4	30-130		9/10/20 22:08
2,4,6-Tribromophenol	88.3	15-110		9/10/20 22:08
p-Terphenyl-d14	87.4	30-130		9/10/20 22:08
o-Terphenyl (OTP)	115	30-130		9/11/20 15:22

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-13R-BR | Sampled: 9/1/2020 11:55

Sample ID: 20I0158-11

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:22	RDD
C19-C36 Aliphatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:22	RDD
Unadjusted C11-C22 Aromatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:22	RDD
C11-C22 Aromatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:22	RDD
Acenaphthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:22	RDD
Anthracene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:22	RDD
Fluoranthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:22	RDD
Fluorene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:22	RDD
2-Methylnaphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:22	RDD
Naphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:22	RDD
Pyrene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:22	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	84.9	40-140		9/11/20 12:22
o-Terphenyl (OTP)	85.4	40-140		9/11/20 12:22
2-Bromonaphthalene	88.0	40-140		9/11/20 12:22
2-Fluorobiphenyl	91.5	40-140		9/11/20 12:22

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-13R-BR | Sampled: 9/1/2020 11:55

Sample ID: 20I0158-11

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	3.3	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:15	QNW
Arsenic	1.9	0.80		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:15	QNW
Barium	190	10		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:15	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:15	QNW
Cadmium	0.044	0.20	0.038	µg/L	1	J	SW-846 6020B	9/2/20	9/3/20 11:15	QNW
Chromium	2.9	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:15	QNW
Copper	3.6	1.0	0.87	µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:15	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:15	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	9/4/20	9/8/20 13:36	CJV
Nickel	7.1	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:15	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:15	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:15	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:15	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:15	QNW
Zinc	11	10	2.3	µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:15	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-4R | Sampled: 9/1/2020 09:00

Sample ID: 20I0158-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Chloromethane	ND	0.60	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-4R | Sampled: 9/1/2020 09:00

Sample ID: 20I0158-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	0.88	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 18:12	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	74.8	70-130		9/3/20 18:12
Toluene-d8	94.2	70-130		9/3/20 18:12
4-Bromofluorobenzene	99.2	70-130		9/3/20 18:12

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-4R | Sampled: 9/1/2020 09:00

Sample ID: 20I0158-12

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Acenaphthylene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:45	rmw
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Benzo(a)anthracene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:45	rmw
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Benzo(a)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:45	rmw
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Benzo(b)fluoranthene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:45	rmw
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:45	rmw
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Benzo(k)fluoranthene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:45	rmw
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Chrysene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Chrysene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:45	rmw
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:45	rmw
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Di-n-octylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-4R | Sampled: 9/1/2020 09:00

Sample ID: 20I0158-12

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	L-04, V-05	SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:45	rmw
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
2-Nitroaniline	ND	10	µg/L	1	V-35	SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Phenanthrene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 15:45	rmw
Phenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
Pyridine	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 11:15	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
2-Fluorophenol	43.8	15-110		9/11/20	11:15
Phenol-d6	27.8	15-110		9/11/20	11:15
Nitrobenzene-d5	70.8	30-130		9/11/20	11:15
2-Fluorobiphenyl	83.1	30-130		9/11/20	11:15
2,4,6-Tribromophenol	91.3	15-110		9/11/20	11:15
p-Terphenyl-d14	94.6	30-130		9/11/20	11:15
o-Terphenyl (OTP)	105	30-130		9/11/20	15:45

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-4R | Sampled: 9/1/2020 09:00

Sample ID: 20I0158-12

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:41	RDD
C19-C36 Aliphatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:41	RDD
Unadjusted C11-C22 Aromatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:41	RDD
C11-C22 Aromatics	ND	97	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:41	RDD
Acenaphthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:41	RDD
Anthracene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:41	RDD
Fluoranthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:41	RDD
Fluorene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:41	RDD
2-Methylnaphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:41	RDD
Naphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:41	RDD
Pyrene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 12:41	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	85.0	40-140		9/11/20 12:41
o-Terphenyl (OTP)	82.7	40-140		9/11/20 12:41
2-Bromonaphthalene	94.7	40-140		9/11/20 12:41
2-Fluorobiphenyl	98.5	40-140		9/11/20 12:41

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-4R | Sampled: 9/1/2020 09:00

Sample ID: 20I0158-12

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:19	QNW
Arsenic	0.83	0.80		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:19	QNW
Barium	76	10		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:19	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:19	QNW
Cadmium	ND	0.20	0.038	µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:19	QNW
Chromium	1.7	1.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:19	QNW
Copper	2.6	1.0	0.87	µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:19	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:19	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	9/4/20	9/8/20 13:38	CJV
Nickel	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:19	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:19	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:19	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:19	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	9/2/20	9/3/20 11:19	QNW
Zinc	6.4	10	2.3	µg/L	1	J	SW-846 6020B	9/2/20	9/3/20 11:19	QNW

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: DUP 20200831 | Sampled: 9/1/2020 00:00

Sample ID: 20I0158-13

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 16:08	rmw
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Benzo(a)anthracene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 16:08	rmw
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Benzo(a)pyrene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 16:08	rmw
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Benzo(b)fluoranthene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 16:08	rmw
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 16:08	rmw
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 16:08	rmw
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Chrysene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Chrysene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 16:08	rmw
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 16:08	rmw
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Di-n-octylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: DUP 20200831 | Sampled: 9/1/2020 00:00

Sample ID: 20I0158-13

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	L-04, V-05	SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 16:08	rmw
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
2-Nitroaniline	ND	10	µg/L	1	V-35	SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Phenanthrene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 16:08	rmw
Phenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
Pyridine	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:04	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
2-Fluorophenol	27.3	15-110		9/11/20	12:04
Phenol-d6	17.0	15-110		9/11/20	12:04
Nitrobenzene-d5	68.8	30-130		9/11/20	12:04
2-Fluorobiphenyl	83.6	30-130		9/11/20	12:04
2,4,6-Tribromophenol	75.3	15-110		9/11/20	12:04
p-Terphenyl-d14	92.2	30-130		9/11/20	12:04
o-Terphenyl (OTP)	104	30-130		9/11/20	16:08

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: DUP 20200831 | Sampled: 9/1/2020 00:00

Sample ID: 20I0158-13

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	98	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 13:00	RDD
C19-C36 Aliphatics	ND	98	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 13:00	RDD
Unadjusted C11-C22 Aromatics	ND	98	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 13:00	RDD
C11-C22 Aromatics	ND	98	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 13:00	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 13:00	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 13:00	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 13:00	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 13:00	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 13:00	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 13:00	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	9/8/20	9/11/20 13:00	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	83.8	40-140		9/11/20 13:00
o-Terphenyl (OTP)	90.8	40-140		9/11/20 13:00
2-Bromonaphthalene	102	40-140		9/11/20 13:00
2-Fluorobiphenyl	106	40-140		9/11/20 13:00

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: TB | Sampled: 9/1/2020 00:00

Sample ID: 20I0158-14

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Bromomethane	ND	5.0	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Chloromethane	ND	0.60	µg/L	1	V-34	SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	µg/L	1	V-05	SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-03, V-05	SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: TB | Sampled: 9/1/2020 00:00

Sample ID: 20I0158-14

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/3/20	9/3/20 12:32	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	75.4	70-130		9/3/20 12:32
Toluene-d8	93.9	70-130		9/3/20 12:32
4-Bromofluorobenzene	100	70-130		9/3/20 12:32

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-12R | Sampled: 9/1/2020 07:15

Sample ID: 20I0158-15

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
4-Chloroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Chrysene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Di-n-octylphthalate	ND	10	µg/L	1	V-05	SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	L-04, V-05	SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Hexachloroethane	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield ,CT | Sample Description: | Work Order: 20I0158

Date Received: 9/2/2020

Field Sample #: AP-12R | Sampled: 9/1/2020 07:15

Sample ID: 20I0158-15

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
2-Nitroaniline	ND	10	µg/L	1	V-35	SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Pentachloronitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Phenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
Pyridine	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	9/8/20	9/11/20 12:27	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	50.7	15-110		9/11/20 12:27
Phenol-d6	41.4	15-110		9/11/20 12:27
Nitrobenzene-d5	59.6	30-130		9/11/20 12:27
2-Fluorobiphenyl	71.9	30-130		9/11/20 12:27
2,4,6-Tribromophenol	81.6	15-110		9/11/20 12:27
p-Terphenyl-d14	82.2	30-130		9/11/20 12:27

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3510C **Analytical Method: MADEP EPH rev 2.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20I0158-01 [AP-12R]	B265859	980	1.90	09/04/20
20I0158-02 [AP-101R]	B265859	990	1.90	09/04/20
20I0158-03 [AP-3R]	B265859	1000	2.00	09/04/20
20I0158-04 [AP-6R]	B265859	980	1.90	09/04/20
20I0158-05 [AP-9R]	B265859	950	1.90	09/04/20

Prep Method: SW-846 3510C **Analytical Method: MADEP EPH rev 2.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20I0158-08 [AP-2R]	B265960	960	1.90	09/08/20
20I0158-09 [AP-1R]	B265960	950	1.90	09/08/20
20I0158-10 [AP-15R-BR]	B265960	1000	2.00	09/08/20
20I0158-11 [AP-13R-BR]	B265960	980	1.90	09/08/20
20I0158-12 [AP-4R]	B265960	930	1.80	09/08/20
20I0158-13 [DUP 20200831]	B265960	970	1.90	09/08/20

Prep Method: SW-846 3005A **Analytical Method: SW-846 6020B**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20I0158-01 [AP-12R]	B265699	50.0	50.0	09/02/20
20I0158-02 [AP-101R]	B265699	50.0	50.0	09/02/20
20I0158-03 [AP-3R]	B265699	50.0	50.0	09/02/20
20I0158-04 [AP-6R]	B265699	50.0	50.0	09/02/20
20I0158-05 [AP-9R]	B265699	50.0	50.0	09/02/20
20I0158-06 [DUP 20200831]	B265699	50.0	50.0	09/02/20
20I0158-08 [AP-2R]	B265699	50.0	50.0	09/02/20
20I0158-09 [AP-1R]	B265699	50.0	50.0	09/02/20
20I0158-10 [AP-15R-BR]	B265699	50.0	50.0	09/02/20
20I0158-11 [AP-13R-BR]	B265699	50.0	50.0	09/02/20
20I0158-12 [AP-4R]	B265699	50.0	50.0	09/02/20

Prep Method: SW-846 7470A Prep **Analytical Method: SW-846 7470A**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20I0158-01 [AP-12R]	B265835	6.00	6.00	09/04/20
20I0158-02 [AP-101R]	B265835	6.00	6.00	09/04/20
20I0158-03 [AP-3R]	B265835	6.00	6.00	09/04/20
20I0158-04 [AP-6R]	B265835	6.00	6.00	09/04/20
20I0158-05 [AP-9R]	B265835	6.00	6.00	09/04/20
20I0158-06 [DUP 20200831]	B265835	6.00	6.00	09/04/20
20I0158-08 [AP-2R]	B265835	6.00	6.00	09/04/20
20I0158-09 [AP-1R]	B265835	6.00	6.00	09/04/20
20I0158-10 [AP-15R-BR]	B265835	6.00	6.00	09/04/20
20I0158-11 [AP-13R-BR]	B265835	6.00	6.00	09/04/20
20I0158-12 [AP-4R]	B265835	6.00	6.00	09/04/20

Prep Method: SW-846 5030B **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20I0158-01 [AP-12R]	B265752	5	5.00	09/03/20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 5030B **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20I0158-02 [AP-101R]	B265752	5	5.00	09/03/20
20I0158-03 [AP-3R]	B265752	5	5.00	09/03/20
20I0158-04 [AP-6R]	B265752	5	5.00	09/03/20
20I0158-05 [AP-9R]	B265752	5	5.00	09/03/20
20I0158-06 [DUP 20200831]	B265752	5	5.00	09/03/20
20I0158-07 [TB]	B265752	5	5.00	09/03/20
20I0158-08 [AP-2R]	B265752	5	5.00	09/03/20
20I0158-09 [AP-1R]	B265752	5	5.00	09/03/20
20I0158-10 [AP-15R-BR]	B265752	5	5.00	09/03/20
20I0158-11 [AP-13R-BR]	B265752	5	5.00	09/03/20
20I0158-12 [AP-4R]	B265752	5	5.00	09/03/20
20I0158-14 [TB]	B265752	5	5.00	09/03/20

Prep Method: SW-846 3510C **Analytical Method: SW-846 8270D-E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20I0158-02 [AP-101R]	B265860	1020	1.00	09/04/20
20I0158-03 [AP-3R]	B265860	980	1.00	09/04/20
20I0158-04 [AP-6R]	B265860	1000	1.00	09/04/20
20I0158-05 [AP-9R]	B265860	980	1.00	09/04/20
20I0158-08 [AP-2R]	B265860	1000	1.00	09/04/20
20I0158-09 [AP-1R]	B265860	1000	1.00	09/04/20
20I0158-11 [AP-13R-BR]	B265860	1000	1.00	09/04/20

Prep Method: SW-846 3510C **Analytical Method: SW-846 8270D-E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20I0158-10 [AP-15R-BR]	B265959	1000	1.00	09/08/20
20I0158-12 [AP-4R]	B265959	1000	1.00	09/08/20
20I0158-13 [DUP 20200831]	B265959	1000	1.00	09/08/20
20I0158-15 [AP-12R]	B265959	1000	1.00	09/08/20

Prep Method: SW-846 3510C **Analytical Method: SW-846 8270D-E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20I0158-01 [AP-12R]	B266126	980	0.950	09/04/20
20I0158-02 [AP-101R]	B266126	990	0.950	09/04/20
20I0158-03 [AP-3R]	B266126	1000	1.00	09/04/20
20I0158-04 [AP-6R]	B266126	980	0.950	09/04/20
20I0158-05 [AP-9R]	B266126	950	0.950	09/04/20

Prep Method: SW-846 3510C **Analytical Method: SW-846 8270D-E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20I0158-08 [AP-2R]	B266301	960	0.950	09/08/20
20I0158-09 [AP-1R]	B266301	950	0.950	09/08/20
20I0158-10 [AP-15R-BR]	B266301	1000	1.00	09/08/20
20I0158-11 [AP-13R-BR]	B266301	980	0.950	09/08/20
20I0158-12 [AP-4R]	B266301	930	0.900	09/08/20
20I0158-13 [DUP 20200831]	B266301	970	0.950	09/08/20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B265752 - SW-846 5030B										
Blank (B265752-BLK1)				Prepared & Analyzed: 09/03/20						
Acetone	ND	10	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	0.50	µg/L							
Bromomethane	ND	2.0	µg/L							V-34
2-Butanone (MEK)	ND	5.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	0.60	µg/L							V-34
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	0.50	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							L-03, V-05
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethanol	ND	50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	5.0	µg/L							
Isopropylbenzene (Cumene)	ND	0.50	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B265752 - SW-846 5030B											
Blank (B265752-BLK1)				Prepared & Analyzed: 09/03/20							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	1.0	µg/L								
1,2,4-Trichlorobenzene	ND	0.50	µg/L								
1,1,1-Trichloroethane	ND	0.50	µg/L								
1,1,2-Trichloroethane	ND	0.50	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	0.50	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L								
1,2,4-Trimethylbenzene	ND	0.50	µg/L								
1,3,5-Trimethylbenzene	ND	0.50	µg/L								
Vinyl Chloride	ND	1.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*18.3*		µg/L	25.0		73.2		70-130			
Surrogate: Toluene-d8	*23.6*		µg/L	25.0		94.2		70-130			
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.0		70-130			
LCS (B265752-BS1)				Prepared & Analyzed: 09/03/20							
Acetone	95.8	10	µg/L	100		95.8		40-160			
Acrylonitrile	11.2	2.0	µg/L	10.0		112		70-130			
Benzene	10.2	0.50	µg/L	10.0		102		70-130			
Bromobenzene	9.46	0.50	µg/L	10.0		94.6		70-130			
Bromodichloromethane	8.57	0.50	µg/L	10.0		85.7		70-130			
Bromoform	8.77	0.50	µg/L	10.0		87.7		70-130			
Bromomethane	16.6	2.0	µg/L	10.0		**166**	*	40-160			L-01, V-20, V-34
2-Butanone (MEK)	105	5.0	µg/L	100		105		40-160			
n-Butylbenzene	8.86	1.0	µg/L	10.0		88.6		70-130			
sec-Butylbenzene	9.33	1.0	µg/L	10.0		93.3		70-130			
tert-Butylbenzene	9.21	1.0	µg/L	10.0		92.1		70-130			
Carbon Disulfide	100	5.0	µg/L	100		100		70-130			
Carbon Tetrachloride	8.90	0.50	µg/L	10.0		89.0		70-130			
Chlorobenzene	10.5	0.50	µg/L	10.0		105		70-130			
Chlorodibromomethane	9.16	0.50	µg/L	10.0		91.6		40-160			
Chloroethane	9.42	0.50	µg/L	10.0		94.2		70-130			
Chloroform	9.41	0.50	µg/L	10.0		94.1		70-130			
Chloromethane	10.1	0.60	µg/L	10.0		101		40-160			V-34
2-Chlorotoluene	9.86	0.50	µg/L	10.0		98.6		70-130			
4-Chlorotoluene	9.78	0.50	µg/L	10.0		97.8		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.39	1.0	µg/L	10.0		73.9		70-130			V-05
1,2-Dibromoethane (EDB)	9.59	0.50	µg/L	10.0		95.9		70-130			
Dibromomethane	9.00	0.50	µg/L	10.0		90.0		70-130			
1,2-Dichlorobenzene	9.15	0.50	µg/L	10.0		91.5		70-130			
1,3-Dichlorobenzene	9.42	0.50	µg/L	10.0		94.2		70-130			
1,4-Dichlorobenzene	9.24	0.50	µg/L	10.0		92.4		70-130			
trans-1,4-Dichloro-2-butene	6.21	2.0	µg/L	10.0		**62.1**	*	70-130			L-03, V-05
Dichlorodifluoromethane (Freon 12)	9.97	0.50	µg/L	10.0		99.7		40-160			
1,1-Dichloroethane	10.2	0.50	µg/L	10.0		102		70-130			
1,2-Dichloroethane	8.56	0.50	µg/L	10.0		85.6		70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B265752 - SW-846 5030B										
LCS (B265752-BS1)				Prepared & Analyzed: 09/03/20						
1,1-Dichloroethylene	9.36	0.50	µg/L	10.0		93.6	70-130			
cis-1,2-Dichloroethylene	10.1	0.50	µg/L	10.0		101	70-130			
trans-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130			
1,2-Dichloropropane	10.4	0.50	µg/L	10.0		104	70-130			
1,3-Dichloropropane	9.70	0.50	µg/L	10.0		97.0	70-130			
2,2-Dichloropropane	8.81	0.50	µg/L	10.0		88.1	70-130			
1,1-Dichloropropene	9.79	0.50	µg/L	10.0		97.9	70-130			
cis-1,3-Dichloropropene	8.96	0.50	µg/L	10.0		89.6	70-130			
trans-1,3-Dichloropropene	8.36	0.50	µg/L	10.0		83.6	70-130			
Ethanol	98.7	50	µg/L	100		98.7	70-130			
Ethylbenzene	10.1	0.50	µg/L	10.0		101	70-130			
Hexachlorobutadiene	8.28	0.60	µg/L	10.0		82.8	40-160			
2-Hexanone (MBK)	103	5.0	µg/L	100		103	70-130			
Isopropylbenzene (Cumene)	10.2	0.50	µg/L	10.0		102	70-130			
p-Isopropyltoluene (p-Cymene)	9.17	0.50	µg/L	10.0		91.7	70-130			
Methyl tert-Butyl Ether (MTBE)	8.74	0.50	µg/L	10.0		87.4	70-130			
Methylene Chloride	10.4	5.0	µg/L	10.0		104	70-130			
4-Methyl-2-pentanone (MIBK)	104	5.0	µg/L	100		104	40-160			
Naphthalene	8.70	2.0	µg/L	10.0		87.0	70-130			
n-Propylbenzene	10.0	1.0	µg/L	10.0		100	70-130			
Styrene	10.1	1.0	µg/L	10.0		101	70-130			
1,1,1,2-Tetrachloroethane	9.99	0.50	µg/L	10.0		99.9	70-130			
1,1,2,2-Tetrachloroethane	9.86	0.50	µg/L	10.0		98.6	70-130			
Tetrachloroethylene	10.9	1.0	µg/L	10.0		109	70-130			
Tetrahydrofuran	10.5	10	µg/L	10.0		105	70-130			
Toluene	9.94	1.0	µg/L	10.0		99.4	70-130			
1,2,3-Trichlorobenzene	8.55	1.0	µg/L	10.0		85.5	70-130			
1,2,4-Trichlorobenzene	8.68	0.50	µg/L	10.0		86.8	70-130			
1,1,1-Trichloroethane	9.13	0.50	µg/L	10.0		91.3	70-130			
1,1,2-Trichloroethane	9.86	0.50	µg/L	10.0		98.6	70-130			
Trichloroethylene	10.3	1.0	µg/L	10.0		103	70-130			
Trichlorofluoromethane (Freon 11)	8.81	2.0	µg/L	10.0		88.1	40-160			
1,2,3-Trichloropropane	10.6	0.50	µg/L	10.0		106	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.27	0.50	µg/L	10.0		92.7	70-130			
1,2,4-Trimethylbenzene	9.10	0.50	µg/L	10.0		91.0	70-130			
1,3,5-Trimethylbenzene	10.0	0.50	µg/L	10.0		100	70-130			
Vinyl Chloride	10.7	1.0	µg/L	10.0		107	70-130			
m+p Xylene	20.3	2.0	µg/L	20.0		101	70-130			
o-Xylene	9.78	1.0	µg/L	10.0		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	*19.1*		µg/L	25.0		76.4	70-130			
Surrogate: Toluene-d8	*23.9*		µg/L	25.0		95.6	70-130			
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		101	70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B265752 - SW-846 5030B											
Matrix Spike (B265752-MS1)	**Source: 20I0158-10**			Prepared & Analyzed: 09/03/20							
Acetone	110	10	µg/L	100	ND	110		70-130			
Acrylonitrile	14.4	2.0	µg/L	10.0	ND	**144**	*	70-130			MS-24
Benzene	12.0	0.50	µg/L	10.0	ND	120		70-130			
Bromobenzene	11.1	0.50	µg/L	10.0	ND	111		70-130			
Bromodichloromethane	10.0	0.50	µg/L	10.0	ND	100		70-130			
Bromoform	10.4	0.50	µg/L	10.0	ND	104		70-130			
Bromomethane	9.23	2.0	µg/L	10.0	ND	92.3		70-130			V-20, V-34
2-Butanone (MEK)	117	5.0	µg/L	100	ND	117		70-130			
n-Butylbenzene	10.5	1.0	µg/L	10.0	ND	105		70-130			
sec-Butylbenzene	11.2	1.0	µg/L	10.0	ND	112		70-130			
tert-Butylbenzene	10.8	1.0	µg/L	10.0	ND	108		70-130			
Carbon Disulfide	10.6	5.0	µg/L	10.0	ND	106		70-130			
Carbon Tetrachloride	10.1	0.50	µg/L	10.0	ND	101		70-130			
Chlorobenzene	12.3	0.50	µg/L	10.0	ND	123		70-130			
Chlorodibromomethane	10.3	0.50	µg/L	10.0	ND	103		70-130			
Chloroethane	10.6	0.50	µg/L	10.0	ND	106		70-130			
Chloroform	12.2	0.50	µg/L	10.0	1.15	110		70-130			
Chloromethane	6.54	0.60	µg/L	10.0	ND	**65.4**	*	70-130			MS-09, V-34
2-Chlorotoluene	11.6	0.50	µg/L	10.0	ND	116		70-130			
4-Chlorotoluene	11.5	0.50	µg/L	10.0	ND	115		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.98	1.0	µg/L	10.0	ND	89.8		70-130			V-05
1,2-Dibromoethane (EDB)	11.2	0.50	µg/L	10.0	ND	112		70-130			
Dibromomethane	11.1	0.50	µg/L	10.0	ND	111		70-130			
1,2-Dichlorobenzene	10.4	0.50	µg/L	10.0	ND	104		70-130			
1,3-Dichlorobenzene	11.0	0.50	µg/L	10.0	ND	110		70-130			
1,4-Dichlorobenzene	10.5	0.50	µg/L	10.0	ND	105		70-130			
trans-1,4-Dichloro-2-butene	6.02	2.0	µg/L	10.0	ND	**60.2**	*	70-130			MS-09, V-05
Dichlorodifluoromethane (Freon 12)	10.9	0.50	µg/L	10.0	ND	109		70-130			
1,1-Dichloroethane	12.6	0.50	µg/L	10.0	ND	126		70-130			
1,2-Dichloroethane	9.64	0.50	µg/L	10.0	ND	96.4		70-130			
1,1-Dichloroethylene	11.6	0.50	µg/L	10.0	ND	116		70-130			
cis-1,2-Dichloroethylene	11.6	0.50	µg/L	10.0	ND	116		70-130			
trans-1,2-Dichloroethylene	12.3	1.0	µg/L	10.0	ND	123		70-130			
1,2-Dichloropropane	12.0	0.50	µg/L	10.0	ND	120		70-130			
1,3-Dichloropropane	10.7	0.50	µg/L	10.0	ND	107		70-130			
2,2-Dichloropropane	8.67	0.50	µg/L	10.0	ND	86.7		70-130			
1,1-Dichloropropene	10.9	0.50	µg/L	10.0	ND	109		70-130			
cis-1,3-Dichloropropene	9.18	0.50	µg/L	10.0	ND	91.8		70-130			
trans-1,3-Dichloropropene	8.86	0.50	µg/L	10.0	ND	88.6		70-130			
Ethylbenzene	12.0	0.50	µg/L	10.0	ND	120		70-130			
Hexachlorobutadiene	10.2	0.60	µg/L	10.0	ND	102		70-130			
2-Hexanone (MBK)	114	5.0	µg/L	100	ND	114		70-130			
Isopropylbenzene (Cumene)	12.2	0.50	µg/L	10.0	ND	122		70-130			
p-Isopropyltoluene (p-Cymene)	11.0	0.50	µg/L	10.0	ND	110		70-130			
Methyl tert-Butyl Ether (MTBE)	10.5	0.50	µg/L	10.0	ND	105		70-130			
Methylene Chloride	11.9	5.0	µg/L	10.0	ND	119		70-130			
4-Methyl-2-pentanone (MIBK)	117	5.0	µg/L	100	ND	117		70-130			
Naphthalene	9.41	2.0	µg/L	10.0	ND	94.1		70-130			
n-Propylbenzene	11.8	1.0	µg/L	10.0	ND	118		70-130			
Styrene	11.9	1.0	µg/L	10.0	ND	119		70-130			
1,1,1,2-Tetrachloroethane	11.9	0.50	µg/L	10.0	ND	119		70-130			
1,1,2,2-Tetrachloroethane	11.4	0.50	µg/L	10.0	ND	114		70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B265752 - SW-846 5030B											
Matrix Spike (B265752-MS1)	**Source: 20I0158-10**			Prepared & Analyzed: 09/03/20							
Tetrachloroethylene	13.0	1.0	µg/L	10.0	ND	130		70-130			
Tetrahydrofuran	12.7	10	µg/L	10.0	ND	127		70-130			
Toluene	11.7	1.0	µg/L	10.0	ND	117		70-130			
1,2,3-Trichlorobenzene	9.40	1.0	µg/L	10.0	ND	94.0		70-130			
1,2,4-Trichlorobenzene	9.87	0.50	µg/L	10.0	ND	98.7		70-130			
1,1,1-Trichloroethane	11.4	0.50	µg/L	10.0	ND	114		70-130			
1,1,2-Trichloroethane	11.7	0.50	µg/L	10.0	ND	117		70-130			
Trichloroethylene	12.2	1.0	µg/L	10.0	ND	122		70-130			
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0	ND	102		70-130			
1,2,3-Trichloropropane	12.0	0.50	µg/L	10.0	ND	120		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.8	0.50	µg/L	10.0	ND	128		70-130			
1,2,4-Trimethylbenzene	10.3	0.50	µg/L	10.0	ND	103		70-130			
1,3,5-Trimethylbenzene	11.8	0.50	µg/L	10.0	ND	118		70-130			
Vinyl Chloride	10.9	1.0	µg/L	10.0	ND	109		70-130			
m+p Xylene	23.8	2.0	µg/L	20.0	ND	119		70-130			
o-Xylene	11.7	1.0	µg/L	10.0	ND	117		70-130			
Surrogate: 1,2-Dichloroethane-d4	*18.6*		µg/L	25.0		74.4		70-130			
Surrogate: Toluene-d8	*23.8*		µg/L	25.0		95.2		70-130			
Surrogate: 4-Bromofluorobenzene	*25.3*		µg/L	25.0		101		70-130			
Matrix Spike Dup (B265752-MSD1)	**Source: 20I0158-10**			Prepared & Analyzed: 09/03/20							
Acetone	91.6	10	µg/L	100	ND	91.6		70-130	18.0	30	
Acrylonitrile	12.4	2.0	µg/L	10.0	ND	124		70-130	15.1	30	
Benzene	10.8	0.50	µg/L	10.0	ND	108		70-130	10.4	30	
Bromobenzene	10.0	0.50	µg/L	10.0	ND	100		70-130	10.1	30	
Bromodichloromethane	9.04	0.50	µg/L	10.0	ND	90.4		70-130	10.2	30	
Bromoform	9.25	0.50	µg/L	10.0	ND	92.5		70-130	11.6	30	
Bromomethane	9.56	2.0	µg/L	10.0	ND	95.6		70-130	3.51	30	V-20, V-34
2-Butanone (MEK)	102	5.0	µg/L	100	ND	102		70-130	14.1	30	
n-Butylbenzene	9.42	1.0	µg/L	10.0	ND	94.2		70-130	10.5	30	
sec-Butylbenzene	9.97	1.0	µg/L	10.0	ND	99.7		70-130	11.4	30	
tert-Butylbenzene	9.79	1.0	µg/L	10.0	ND	97.9		70-130	9.90	30	
Carbon Disulfide	9.22	5.0	µg/L	10.0	ND	92.2		70-130	13.6	30	
Carbon Tetrachloride	9.35	0.50	µg/L	10.0	ND	93.5		70-130	7.91	30	
Chlorobenzene	10.9	0.50	µg/L	10.0	ND	109		70-130	12.2	30	
Chlorodibromomethane	9.36	0.50	µg/L	10.0	ND	93.6		70-130	9.66	30	
Chloroethane	9.18	0.50	µg/L	10.0	ND	91.8		70-130	14.0	30	
Chloroform	11.1	0.50	µg/L	10.0	1.15	99.6		70-130	9.02	30	
Chloromethane	6.14	0.60	µg/L	10.0	ND	**61.4**	*	70-130	6.31	30	MS-09, V-34
2-Chlorotoluene	10.4	0.50	µg/L	10.0	ND	104		70-130	10.7	30	
4-Chlorotoluene	10.2	0.50	µg/L	10.0	ND	102		70-130	11.5	30	
1,2-Dibromo-3-chloropropane (DBCP)	7.46	1.0	µg/L	10.0	ND	74.6		70-130	18.5	30	V-05
1,2-Dibromoethane (EDB)	10.1	0.50	µg/L	10.0	ND	101		70-130	10.5	30	
Dibromomethane	9.89	0.50	µg/L	10.0	ND	98.9		70-130	11.4	30	
1,2-Dichlorobenzene	9.40	0.50	µg/L	10.0	ND	94.0		70-130	10.3	30	
1,3-Dichlorobenzene	9.84	0.50	µg/L	10.0	ND	98.4		70-130	11.0	30	
1,4-Dichlorobenzene	9.53	0.50	µg/L	10.0	ND	95.3		70-130	9.69	30	
trans-1,4-Dichloro-2-butene	5.51	2.0	µg/L	10.0	ND	**55.1**	*	70-130	8.85	30	MS-09, V-05
Dichlorodifluoromethane (Freon 12)	9.64	0.50	µg/L	10.0	ND	96.4		70-130	12.1	30	
1,1-Dichloroethane	11.1	0.50	µg/L	10.0	ND	111		70-130	13.0	30	
1,2-Dichloroethane	8.87	0.50	µg/L	10.0	ND	88.7		70-130	8.32	30	
1,1-Dichloroethylene	10.3	0.50	µg/L	10.0	ND	103		70-130	11.3	30	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B265752 - SW-846 5030B										
Matrix Spike Dup (B265752-MSD1)	**Source: 20I0158-10**			Prepared & Analyzed: 09/03/20						
cis-1,2-Dichloroethylene	10.4	0.50	µg/L	10.0	ND	104	70-130	11.0	30	
trans-1,2-Dichloroethylene	11.1	1.0	µg/L	10.0	ND	111	70-130	10.5	30	
1,2-Dichloropropane	11.0	0.50	µg/L	10.0	ND	110	70-130	8.67	30	
1,3-Dichloropropane	9.88	0.50	µg/L	10.0	ND	98.8	70-130	7.97	30	
2,2-Dichloropropane	7.59	0.50	µg/L	10.0	ND	75.9	70-130	13.3	30	
1,1-Dichloropropene	9.88	0.50	µg/L	10.0	ND	98.8	70-130	9.91	30	
cis-1,3-Dichloropropene	8.43	0.50	µg/L	10.0	ND	84.3	70-130	8.52	30	
trans-1,3-Dichloropropene	8.15	0.50	µg/L	10.0	ND	81.5	70-130	8.35	30	
Ethylbenzene	10.7	0.50	µg/L	10.0	ND	107	70-130	10.8	30	
Hexachlorobutadiene	9.31	0.60	µg/L	10.0	ND	93.1	70-130	9.61	30	
2-Hexanone (MBK)	100	5.0	µg/L	100	ND	100	70-130	12.8	30	
Isopropylbenzene (Cumene)	10.8	0.50	µg/L	10.0	ND	108	70-130	11.8	30	
p-Isopropyltoluene (p-Cymene)	10.0	0.50	µg/L	10.0	ND	100	70-130	9.78	30	
Methyl tert-Butyl Ether (MTBE)	9.47	0.50	µg/L	10.0	ND	94.7	70-130	10.3	30	
Methylene Chloride	10.6	5.0	µg/L	10.0	ND	106	70-130	11.8	30	
4-Methyl-2-pentanone (MIBK)	104	5.0	µg/L	100	ND	104	70-130	12.0	30	
Naphthalene	8.28	2.0	µg/L	10.0	ND	82.8	70-130	12.8	30	
n-Propylbenzene	10.5	1.0	µg/L	10.0	ND	105	70-130	11.4	30	
Styrene	10.7	1.0	µg/L	10.0	ND	107	70-130	11.2	30	
1,1,1,2-Tetrachloroethane	10.9	0.50	µg/L	10.0	ND	109	70-130	9.11	30	
1,1,2,2-Tetrachloroethane	10.4	0.50	µg/L	10.0	ND	104	70-130	8.97	30	
Tetrachloroethylene	11.9	1.0	µg/L	10.0	ND	119	70-130	8.84	30	
Tetrahydrofuran	11.7	10	µg/L	10.0	ND	117	70-130	7.88	30	
Toluene	10.5	1.0	µg/L	10.0	ND	105	70-130	10.6	30	
1,2,3-Trichlorobenzene	8.76	1.0	µg/L	10.0	ND	87.6	70-130	7.05	30	
1,2,4-Trichlorobenzene	9.12	0.50	µg/L	10.0	ND	91.2	70-130	7.90	30	
1,1,1-Trichloroethane	10.1	0.50	µg/L	10.0	ND	101	70-130	12.3	30	
1,1,2-Trichloroethane	10.3	0.50	µg/L	10.0	ND	103	70-130	12.8	30	
Trichloroethylene	11.2	1.0	µg/L	10.0	ND	112	70-130	8.38	30	
Trichlorofluoromethane (Freon 11)	8.94	2.0	µg/L	10.0	ND	89.4	70-130	13.2	30	
1,2,3-Trichloropropane	10.8	0.50	µg/L	10.0	ND	108	70-130	11.0	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5	0.50	µg/L	10.0	ND	115	70-130	11.2	30	
1,2,4-Trimethylbenzene	9.17	0.50	µg/L	10.0	ND	91.7	70-130	11.3	30	
1,3,5-Trimethylbenzene	10.5	0.50	µg/L	10.0	ND	105	70-130	11.8	30	
Vinyl Chloride	9.61	1.0	µg/L	10.0	ND	96.1	70-130	12.7	30	
m+p Xylene	21.1	2.0	µg/L	20.0	ND	106	70-130	12.0	30	
o-Xylene	10.4	1.0	µg/L	10.0	ND	104	70-130	12.6	30	
Surrogate: 1,2-Dichloroethane-d4	*18.4*		µg/L	25.0		73.4	70-130			
Surrogate: Toluene-d8	*23.5*		µg/L	25.0		94.1	70-130			
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		99.8	70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B265860 - SW-846 3510C										
Blank (B265860-BLK1)				Prepared: 09/04/20 Analyzed: 09/10/20						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L							V-05
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							V-05
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							V-05
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							V-05
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							V-05
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							
2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							V-35
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B265860 - SW-846 3510C											
Blank (B265860-BLK1)				Prepared: 09/04/20 Analyzed: 09/10/20							
4-Nitrophenol	ND	10	µg/L								
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L								
N-Nitrosodi-n-propylamine	ND	10	µg/L								
Pentachloronitrobenzene	ND	10	µg/L								
Pentachlorophenol	ND	10	µg/L								
Phenanthrene	ND	5.0	µg/L								
Phenol	ND	10	µg/L								
Pyrene	ND	5.0	µg/L								
Pyridine	ND	5.0	µg/L								
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L								
1,2,4-Trichlorobenzene	ND	5.0	µg/L								
2,4,5-Trichlorophenol	ND	10	µg/L								
2,4,6-Trichlorophenol	ND	10	µg/L								
Surrogate: 2-Fluorophenol	*83.8*		µg/L	200		41.9	15-110				
Surrogate: Phenol-d6	*53.3*		µg/L	200		26.6	15-110				
Surrogate: Nitrobenzene-d5	*67.6*		µg/L	100		67.6	30-130				
Surrogate: 2-Fluorobiphenyl	*81.6*		µg/L	100		81.6	30-130				
Surrogate: 2,4,6-Tribromophenol	*187*		µg/L	200		93.7	15-110				
Surrogate: p-Terphenyl-d14	*91.3*		µg/L	100		91.3	30-130				
LCS (B265860-BS1)				Prepared: 09/04/20 Analyzed: 09/10/20							
Acenaphthene	37.1	5.0	µg/L	50.0		74.2	40-140				
Acenaphthylene	39.1	5.0	µg/L	50.0		78.1	40-140				
Aniline	30.0	5.0	µg/L	50.0		60.0	40-140				†
Anthracene	41.0	5.0	µg/L	50.0		82.0	40-140				
Benzo(a)anthracene	39.9	5.0	µg/L	50.0		79.9	40-140				
Benzo(a)pyrene	40.3	5.0	µg/L	50.0		80.5	40-140				
Benzo(b)fluoranthene	44.6	5.0	µg/L	50.0		89.1	40-140				
Benzo(g,h,i)perylene	34.5	5.0	µg/L	50.0		69.0	40-140				
Benzo(k)fluoranthene	44.1	5.0	µg/L	50.0		88.1	40-140				
Bis(2-chloroethoxy)methane	37.6	10	µg/L	50.0		75.1	40-140				
Bis(2-chloroethyl)ether	32.6	10	µg/L	50.0		65.3	40-140				
Bis(2-chloroisopropyl)ether	35.9	10	µg/L	50.0		71.7	40-140				
Bis(2-Ethylhexyl)phthalate	30.6	2.0	µg/L	50.0		61.1	40-140			V-05	
4-Bromophenylphenylether	41.4	10	µg/L	50.0		82.8	40-140				
Butylbenzylphthalate	33.9	10	µg/L	50.0		67.7	40-140			V-05	
Carbazole	40.6	10	µg/L	50.0		81.1	40-140				
4-Chloroaniline	35.4	10	µg/L	50.0		70.8	40-140				†
4-Chloro-3-methylphenol	36.7	10	µg/L	50.0		73.3	30-130				
2-Chloronaphthalene	32.7	10	µg/L	50.0		65.5	40-140				
2-Chlorophenol	32.2	10	µg/L	50.0		64.5	30-130				
4-Chlorophenylphenylether	40.4	10	µg/L	50.0		80.8	40-140				
Chrysene	40.6	5.0	µg/L	50.0		81.2	40-140				
Dibenz(a,h)anthracene	33.2	5.0	µg/L	50.0		66.4	40-140				
Dibenzofuran	41.5	5.0	µg/L	50.0		83.1	40-140				
Di-n-butylphthalate	36.9	10	µg/L	50.0		73.8	40-140				
3,3-Dichlorobenzidine	41.8	10	µg/L	50.0		83.6	40-140				†
2,4-Dichlorophenol	37.3	10	µg/L	50.0		74.6	30-130				
Diethylphthalate	36.7	10	µg/L	50.0		73.4	40-140				
2,4-Dimethylphenol	35.1	10	µg/L	50.0		70.2	30-130				
Dimethylphthalate	40.2	10	µg/L	50.0		80.4	40-140				
4,6-Dinitro-2-methylphenol	34.6	10	µg/L	50.0		69.3	30-130				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B265860 - SW-846 3510C											
LCS (B265860-BS1)				Prepared: 09/04/20 Analyzed: 09/10/20							
2,4-Dinitrophenol	26.4	10	µg/L	50.0		52.7	30-130			V-05	
2,4-Dinitrotoluene	39.7	10	µg/L	50.0		79.4	40-140				
2,6-Dinitrotoluene	41.7	10	µg/L	50.0		83.3	40-140				
Di-n-octylphthalate	32.9	10	µg/L	50.0		65.7	40-140			V-05	
Fluoranthene	42.8	5.0	µg/L	50.0		85.5	40-140				
Fluorene	41.3	5.0	µg/L	50.0		82.5	40-140				
Hexachlorobenzene	40.5	10	µg/L	50.0		81.0	40-140				
Hexachlorobutadiene	27.8	10	µg/L	50.0		55.7	40-140				
Hexachlorocyclopentadiene	16.7	10	µg/L	50.0		33.4	30-140			V-05	
Hexachloroethane	23.7	10	µg/L	50.0		47.4	40-140				
Indeno(1,2,3-cd)pyrene	36.7	5.0	µg/L	50.0		73.4	40-140				
Isophorone	37.7	10	µg/L	50.0		75.4	40-140				
2-Methylnaphthalene	40.6	5.0	µg/L	50.0		81.1	40-140				
2-Methylphenol	31.3	10	µg/L	50.0		62.6	30-130				
3/4-Methylphenol	32.1	10	µg/L	50.0		64.2	30-130				
Naphthalene	33.5	5.0	µg/L	50.0		67.0	40-140				
2-Nitroaniline	39.3	10	µg/L	50.0		78.5	40-140			V-35	
3-Nitroaniline	39.1	10	µg/L	50.0		78.2	40-140				†
4-Nitroaniline	39.6	10	µg/L	50.0		79.2	40-140				
Nitrobenzene	32.9	10	µg/L	50.0		65.7	40-140				
2-Nitrophenol	36.5	10	µg/L	50.0		73.0	30-130				
4-Nitrophenol	21.4	10	µg/L	50.0		42.7	10-130				
N-Nitrosodiphenylamine/Diphenylamine	43.0	10	µg/L	50.0		86.0	40-140				
N-Nitrosodi-n-propylamine	38.6	10	µg/L	50.0		77.2	40-140				
Pentachloronitrobenzene	45.7	10	µg/L	50.0		91.4	40-140				
Pentachlorophenol	30.0	10	µg/L	50.0		60.0	30-130				
Phenanthrene	41.3	5.0	µg/L	50.0		82.7	40-140				
Phenol	16.7	10	µg/L	50.0		33.4	20-130				
Pyrene	40.3	5.0	µg/L	50.0		80.6	40-140				
Pyridine	17.0	5.0	µg/L	50.0		34.1	10-140				†
1,2,4,5-Tetrachlorobenzene	38.2	10	µg/L	50.0		76.3	40-140				
1,2,4-Trichlorobenzene	30.1	5.0	µg/L	50.0		60.2	40-140				
2,4,5-Trichlorophenol	39.4	10	µg/L	50.0		78.7	30-130				
2,4,6-Trichlorophenol	40.4	10	µg/L	50.0		80.7	30-130				
Surrogate: 2-Fluorophenol	*90.9*		µg/L	200		45.4	15-110				
Surrogate: Phenol-d6	*64.1*		µg/L	200		32.0	15-110				
Surrogate: Nitrobenzene-d5	*74.4*		µg/L	100		74.4	30-130				
Surrogate: 2-Fluorobiphenyl	*89.7*		µg/L	100		89.7	30-130				
Surrogate: 2,4,6-Tribromophenol	*186*		µg/L	200		92.8	15-110				
Surrogate: p-Terphenyl-d14	*93.2*		µg/L	100		93.2	30-130				
LCS Dup (B265860-BSD1)				Prepared: 09/04/20 Analyzed: 09/10/20							
Acenaphthene	35.6	5.0	µg/L	50.0		71.2	40-140	4.07	20		
Acenaphthylene	37.7	5.0	µg/L	50.0		75.4	40-140	3.62	20		
Aniline	24.1	5.0	µg/L	50.0		48.3	40-140	21.6	50		† ‡
Anthracene	39.2	5.0	µg/L	50.0		78.4	40-140	4.54	20		
Benzo(a)anthracene	37.6	5.0	µg/L	50.0		75.2	40-140	6.09	20		
Benzo(a)pyrene	37.9	5.0	µg/L	50.0		75.7	40-140	6.17	20		
Benzo(b)fluoranthene	40.3	5.0	µg/L	50.0		80.5	40-140	10.1	20		
Benzo(g,h,i)perylene	32.9	5.0	µg/L	50.0		65.8	40-140	4.75	20		
Benzo(k)fluoranthene	39.9	5.0	µg/L	50.0		79.8	40-140	9.93	20		
Bis(2-chloroethoxy)methane	34.6	10	µg/L	50.0		69.1	40-140	8.26	20		

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B265860 - SW-846 3510C											
LCS Dup (B265860-BSD1)				Prepared: 09/04/20 Analyzed: 09/10/20							
Bis(2-chloroethyl)ether	29.0	10	µg/L	50.0		57.9	40-140	11.9	20		
Bis(2-chloroisopropyl)ether	32.5	10	µg/L	50.0		65.1	40-140	9.74	20		
Bis(2-Ethylhexyl)phthalate	30.6	2.0	µg/L	50.0		61.1	40-140	0.00	20	V-05	
4-Bromophenylphenylether	40.0	10	µg/L	50.0		79.9	40-140	3.56	20		
Butylbenzylphthalate	32.2	10	µg/L	50.0		64.4	40-140	5.09	20	V-05	
Carbazole	38.8	10	µg/L	50.0		77.6	40-140	4.44	20		
4-Chloroaniline	32.6	10	µg/L	50.0		65.2	40-140	8.32	20		†
4-Chloro-3-methylphenol	35.7	10	µg/L	50.0		71.4	30-130	2.63	20		
2-Chloronaphthalene	32.9	10	µg/L	50.0		65.8	40-140	0.427	20		
2-Chlorophenol	28.9	10	µg/L	50.0		57.9	30-130	10.8	20		
4-Chlorophenylphenylether	38.2	10	µg/L	50.0		76.5	40-140	5.52	20		
Chrysene	38.5	5.0	µg/L	50.0		77.0	40-140	5.31	20		
Dibenz(a,h)anthracene	32.5	5.0	µg/L	50.0		65.0	40-140	2.16	20		
Dibenzofuran	39.8	5.0	µg/L	50.0		79.6	40-140	4.30	20		
Di-n-butylphthalate	35.8	10	µg/L	50.0		71.7	40-140	2.97	20		
3,3-Dichlorobenzidine	39.0	10	µg/L	50.0		77.9	40-140	7.06	20		† ‡
2,4-Dichlorophenol	35.3	10	µg/L	50.0		70.5	30-130	5.60	20		
Diethylphthalate	34.4	10	µg/L	50.0		68.9	40-140	6.35	20		
2,4-Dimethylphenol	31.4	10	µg/L	50.0		62.7	30-130	11.2	20		
Dimethylphthalate	37.8	10	µg/L	50.0		75.5	40-140	6.23	50		
4,6-Dinitro-2-methylphenol	33.4	10	µg/L	50.0		66.8	30-130	3.68	50		
2,4-Dinitrophenol	25.6	10	µg/L	50.0		51.2	30-130	3.04	50	V-05	
2,4-Dinitrotoluene	36.2	10	µg/L	50.0		72.5	40-140	9.06	20		
2,6-Dinitrotoluene	39.8	10	µg/L	50.0		79.7	40-140	4.44	20		
Di-n-octylphthalate	30.2	10	µg/L	50.0		60.3	40-140	8.63	20	V-05	
Fluoranthene	41.2	5.0	µg/L	50.0		82.5	40-140	3.64	20		
Fluorene	39.2	5.0	µg/L	50.0		78.3	40-140	5.25	20		
Hexachlorobenzene	38.7	10	µg/L	50.0		77.3	40-140	4.65	20		
Hexachlorobutadiene	26.3	10	µg/L	50.0		52.7	40-140	5.61	20		
Hexachlorocyclopentadiene	16.1	10	µg/L	50.0		32.3	30-140	3.29	50	V-05	
Hexachloroethane	21.2	10	µg/L	50.0		42.5	40-140	10.9	50		
Indeno(1,2,3-cd)pyrene	35.5	5.0	µg/L	50.0		71.0	40-140	3.30	50		
Isophorone	34.9	10	µg/L	50.0		69.7	40-140	7.80	20		
2-Methylnaphthalene	38.2	5.0	µg/L	50.0		76.5	40-140	5.89	20		
2-Methylphenol	29.3	10	µg/L	50.0		58.5	30-130	6.77	20		
3/4-Methylphenol	28.9	10	µg/L	50.0		57.9	30-130	10.4	20		
Naphthalene	32.2	5.0	µg/L	50.0		64.4	40-140	3.93	20		
2-Nitroaniline	37.0	10	µg/L	50.0		74.1	40-140	5.79	20	V-35	
3-Nitroaniline	36.7	10	µg/L	50.0		73.4	40-140	6.28	20		†
4-Nitroaniline	37.1	10	µg/L	50.0		74.2	40-140	6.49	20		
Nitrobenzene	30.4	10	µg/L	50.0		60.8	40-140	7.84	20		
2-Nitrophenol	34.4	10	µg/L	50.0		68.7	30-130	6.01	20		
4-Nitrophenol	20.1	10	µg/L	50.0		40.3	10-130	5.93	50		‡
N-Nitrosodiphenylamine/Diphenylamine	40.7	10	µg/L	50.0		81.3	40-140	5.59	20		
N-Nitrosodi-n-propylamine	34.5	10	µg/L	50.0		69.1	40-140	11.2	20		
Pentachloronitrobenzene	44.7	10	µg/L	50.0		89.3	40-140	2.28	20		
Pentachlorophenol	27.4	10	µg/L	50.0		54.8	30-130	8.99	50		
Phenanthrene	39.6	5.0	µg/L	50.0		79.3	40-140	4.17	20		
Phenol	14.9	10	µg/L	50.0		29.8	20-130	11.6	20		
Pyrene	38.0	5.0	µg/L	50.0		76.0	40-140	5.85	20		
Pyridine	13.7	5.0	µg/L	50.0		27.5	10-140	21.4	50		†
1,2,4,5-Tetrachlorobenzene	37.2	10	µg/L	50.0		74.4	40-140	2.47	20		

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B265860 - SW-846 3510C										
LCS Dup (B265860-BSD1)				Prepared: 09/04/20 Analyzed: 09/10/20						
1,2,4-Trichlorobenzene	28.8	5.0	µg/L	50.0		57.7	40-140	4.21	20	
2,4,5-Trichlorophenol	36.8	10	µg/L	50.0		73.6	30-130	6.75	20	
2,4,6-Trichlorophenol	38.4	10	µg/L	50.0		76.8	30-130	5.03	50	
Surrogate: 2-Fluorophenol	*82.4*		µg/L	200		41.2	15-110			
Surrogate: Phenol-d6	*59.9*		µg/L	200		30.0	15-110			
Surrogate: Nitrobenzene-d5	*70.4*		µg/L	100		70.4	30-130			
Surrogate: 2-Fluorobiphenyl	*88.5*		µg/L	100		88.5	30-130			
Surrogate: 2,4,6-Tribromophenol	*177*		µg/L	200		88.7	15-110			
Surrogate: p-Terphenyl-d14	*92.2*		µg/L	100		92.2	30-130			
Batch B265959 - SW-846 3510C										
Blank (B265959-BLK1)				Prepared: 09/08/20 Analyzed: 09/10/20						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							V-05
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							V-05
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							V-05
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							V-05
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							L-04, V-05

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B265959 - SW-846 3510C										
Blank (B265959-BLK1)				Prepared: 09/08/20 Analyzed: 09/10/20						
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							
2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							V-35
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							
4-Nitrophenol	ND	10	µg/L							
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L							
N-Nitrosodi-n-propylamine	ND	10	µg/L							
Pentachloronitrobenzene	ND	10	µg/L							
Pentachlorophenol	ND	10	µg/L							
Phenanthrene	ND	5.0	µg/L							
Phenol	ND	10	µg/L							
Pyrene	ND	5.0	µg/L							
Pyridine	ND	5.0	µg/L							
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L							
1,2,4-Trichlorobenzene	ND	5.0	µg/L							
2,4,5-Trichlorophenol	ND	10	µg/L							
2,4,6-Trichlorophenol	ND	10	µg/L							
Surrogate: 2-Fluorophenol	*103*		µg/L	200		51.3	15-110			
Surrogate: Phenol-d6	*65.6*		µg/L	200		32.8	15-110			
Surrogate: Nitrobenzene-d5	*74.5*		µg/L	100		74.5	30-130			
Surrogate: 2-Fluorobiphenyl	*70.5*		µg/L	100		70.5	30-130			
Surrogate: 2,4,6-Tribromophenol	*171*		µg/L	200		85.6	15-110			
Surrogate: p-Terphenyl-d14	*87.4*		µg/L	100		87.4	30-130			
LCS (B265959-BS1)				Prepared: 09/08/20 Analyzed: 09/10/20						
Acenaphthene	35.3	5.0	µg/L	50.0		70.7	40-140			
Acenaphthylene	38.2	5.0	µg/L	50.0		76.4	40-140			
Aniline	28.1	5.0	µg/L	50.0		56.2	40-140			†
Anthracene	39.9	5.0	µg/L	50.0		79.8	40-140			
Benzo(a)anthracene	38.1	5.0	µg/L	50.0		76.2	40-140			
Benzo(a)pyrene	37.5	5.0	µg/L	50.0		75.0	40-140			
Benzo(b)fluoranthene	40.5	5.0	µg/L	50.0		80.9	40-140			
Benzo(g,h,i)perylene	35.3	5.0	µg/L	50.0		70.5	40-140			
Benzo(k)fluoranthene	39.5	5.0	µg/L	50.0		79.0	40-140			
Bis(2-chloroethoxy)methane	34.6	10	µg/L	50.0		69.1	40-140			
Bis(2-chloroethyl)ether	31.7	10	µg/L	50.0		63.5	40-140			
Bis(2-chloroisopropyl)ether	34.1	10	µg/L	50.0		68.2	40-140			
Bis(2-Ethylhexyl)phthalate	28.7	10	µg/L	50.0		57.4	40-140			V-05
4-Bromophenylphenylether	39.2	10	µg/L	50.0		78.4	40-140			
Butylbenzylphthalate	31.5	10	µg/L	50.0		63.0	40-140			V-05
Carbazole	40.6	10	µg/L	50.0		81.1	40-140			
4-Chloroaniline	33.1	10	µg/L	50.0		66.2	40-140			†
4-Chloro-3-methylphenol	34.2	10	µg/L	50.0		68.5	30-130			
2-Chloronaphthalene	32.7	10	µg/L	50.0		65.5	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result		%REC %REC Limits	RPD	RPD Limit	Notes	
Batch B265959 - SW-846 3510C											
LCS (B265959-BS1)				Prepared: 09/08/20 Analyzed: 09/10/20							
2-Chlorophenol	31.5	10	µg/L	50.0		62.9	30-130				
4-Chlorophenylphenylether	38.2	10	µg/L	50.0		76.5	40-140				
Chrysene	39.1	5.0	µg/L	50.0		78.2	40-140				
Dibenz(a,h)anthracene	34.5	5.0	µg/L	50.0		69.0	40-140				
Dibenzofuran	39.6	5.0	µg/L	50.0		79.2	40-140				
Di-n-butylphthalate	35.3	10	µg/L	50.0		70.7	40-140				
3,3-Dichlorobenzidine	39.9	10	µg/L	50.0		79.9	40-140				†
2,4-Dichlorophenol	35.6	10	µg/L	50.0		71.2	30-130				
Diethylphthalate	34.3	10	µg/L	50.0		68.5	40-140				
2,4-Dimethylphenol	34.4	10	µg/L	50.0		68.7	30-130				
Dimethylphthalate	37.8	10	µg/L	50.0		75.6	40-140				
4,6-Dinitro-2-methylphenol	32.7	10	µg/L	50.0		65.4	30-130				
2,4-Dinitrophenol	26.8	10	µg/L	50.0		53.5	30-130			V-05	
2,4-Dinitrotoluene	37.7	10	µg/L	50.0		75.3	40-140				
2,6-Dinitrotoluene	40.2	10	µg/L	50.0		80.3	40-140				
Di-n-octylphthalate	28.5	10	µg/L	50.0		57.0	40-140			V-05	
Fluoranthene	43.6	5.0	µg/L	50.0		87.1	40-140				
Fluorene	39.4	5.0	µg/L	50.0		78.9	40-140				
Hexachlorobenzene	38.4	10	µg/L	50.0		76.8	40-140				
Hexachlorobutadiene	21.5	10	µg/L	50.0		43.1	40-140				
Hexachlorocyclopentadiene	11.6	10	µg/L	50.0		**23.2**	* 30-140			V-05, L-04	
Hexachloroethane	19.9	10	µg/L	50.0		**39.9**	* 40-140			L-07	
Indeno(1,2,3-cd)pyrene	38.1	5.0	µg/L	50.0		76.3	40-140				
Isophorone	35.8	10	µg/L	50.0		71.7	40-140				
2-Methylnaphthalene	35.9	5.0	µg/L	50.0		71.9	40-140				
2-Methylphenol	29.1	10	µg/L	50.0		58.2	30-130				
3/4-Methylphenol	28.4	10	µg/L	50.0		56.9	30-130				
Naphthalene	31.1	5.0	µg/L	50.0		62.2	40-140				
2-Nitroaniline	37.5	10	µg/L	50.0		74.9	40-140			V-35	
3-Nitroaniline	36.6	10	µg/L	50.0		73.3	40-140				†
4-Nitroaniline	38.6	10	µg/L	50.0		77.2	40-140				
Nitrobenzene	32.4	10	µg/L	50.0		64.8	40-140				
2-Nitrophenol	36.0	10	µg/L	50.0		72.0	30-130				
4-Nitrophenol	20.1	10	µg/L	50.0		40.2	10-130				
N-Nitrosodiphenylamine/Diphenylamine	40.0	10	µg/L	50.0		80.1	40-140				
N-Nitrosodi-n-propylamine	35.6	10	µg/L	50.0		71.2	40-140				
Pentachloronitrobenzene	43.8	10	µg/L	50.0		87.7	40-140				
Pentachlorophenol	27.9	10	µg/L	50.0		55.8	30-130				
Phenanthrene	40.2	5.0	µg/L	50.0		80.4	40-140				
Phenol	14.8	10	µg/L	50.0		29.7	20-130				
Pyrene	37.1	5.0	µg/L	50.0		74.3	40-140				
Pyridine	14.4	5.0	µg/L	50.0		28.7	10-140				†
1,2,4,5-Tetrachlorobenzene	34.1	10	µg/L	50.0		68.2	40-140				
1,2,4-Trichlorobenzene	26.0	5.0	µg/L	50.0		52.1	40-140				
2,4,5-Trichlorophenol	38.0	10	µg/L	50.0		76.0	30-130				
2,4,6-Trichlorophenol	37.9	10	µg/L	50.0		75.9	30-130				
Surrogate: 2-Fluorophenol	*89.8*		µg/L	200		44.9	15-110				
Surrogate: Phenol-d6	*58.4*		µg/L	200		29.2	15-110				
Surrogate: Nitrobenzene-d5	*73.2*		µg/L	100		73.2	30-130				
Surrogate: 2-Fluorobiphenyl	*85.3*		µg/L	100		85.3	30-130				
Surrogate: 2,4,6-Tribromophenol	*180*		µg/L	200		90.1	15-110				
Surrogate: p-Terphenyl-d14	*87.5*		µg/L	100		87.5	30-130				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result		%REC Limits	RPD	RPD Limit	Notes	
Batch B265959 - SW-846 3510C											
LCS Dup (B265959-BSD1)				Prepared: 09/08/20 Analyzed: 09/10/20							
Acenaphthene	33.8	5.0	µg/L	50.0		67.6	40-140	4.48	20		
Acenaphthylene	37.0	5.0	µg/L	50.0		74.0	40-140	3.24	20		
Aniline	28.1	5.0	µg/L	50.0		56.1	40-140	0.107	50		† ‡
Anthracene	38.0	5.0	µg/L	50.0		76.1	40-140	4.75	20		
Benzo(a)anthracene	36.6	5.0	µg/L	50.0		73.1	40-140	4.10	20		
Benzo(a)pyrene	36.4	5.0	µg/L	50.0		72.9	40-140	2.89	20		
Benzo(b)fluoranthene	39.9	5.0	µg/L	50.0		79.7	40-140	1.49	20		
Benzo(g,h,i)perylene	31.0	5.0	µg/L	50.0		62.0	40-140	12.8	20		
Benzo(k)fluoranthene	38.8	5.0	µg/L	50.0		77.7	40-140	1.68	20		
Bis(2-chloroethoxy)methane	35.1	10	µg/L	50.0		70.1	40-140	1.44	20		
Bis(2-chloroethyl)ether	32.3	10	µg/L	50.0		64.7	40-140	1.87	20		
Bis(2-chloroisopropyl)ether	35.2	10	µg/L	50.0		70.3	40-140	3.00	20		
Bis(2-Ethylhexyl)phthalate	27.5	10	µg/L	50.0		55.1	40-140	4.19	20	V-05	
4-Bromophenylphenylether	38.2	10	µg/L	50.0		76.4	40-140	2.58	20		
Butylbenzylphthalate	30.4	10	µg/L	50.0		60.8	40-140	3.56	20	V-05	
Carbazole	37.6	10	µg/L	50.0		75.2	40-140	7.58	20		
4-Chloroaniline	35.2	10	µg/L	50.0		70.4	40-140	6.12	20		†
4-Chloro-3-methylphenol	36.8	10	µg/L	50.0		73.5	30-130	7.10	20		
2-Chloronaphthalene	28.5	10	µg/L	50.0		56.9	40-140	14.0	20		
2-Chlorophenol	32.5	10	µg/L	50.0		65.0	30-130	3.28	20		
4-Chlorophenylphenylether	36.9	10	µg/L	50.0		73.8	40-140	3.62	20		
Chrysene	37.4	5.0	µg/L	50.0		74.8	40-140	4.50	20		
Dibenz(a,h)anthracene	30.2	5.0	µg/L	50.0		60.3	40-140	13.4	20		
Dibenzofuran	38.4	5.0	µg/L	50.0		76.7	40-140	3.16	20		
Di-n-butylphthalate	34.2	10	µg/L	50.0		68.3	40-140	3.34	20		
3,3-Dichlorobenzidine	38.1	10	µg/L	50.0		76.2	40-140	4.77	20		† ‡
2,4-Dichlorophenol	36.5	10	µg/L	50.0		73.0	30-130	2.47	20		
Diethylphthalate	32.9	10	µg/L	50.0		65.8	40-140	4.05	20		
2,4-Dimethylphenol	34.0	10	µg/L	50.0		67.9	30-130	1.20	20		
Dimethylphthalate	36.5	10	µg/L	50.0		72.9	40-140	3.66	50		
4,6-Dinitro-2-methylphenol	31.2	10	µg/L	50.0		62.4	30-130	4.60	50		
2,4-Dinitrophenol	25.3	10	µg/L	50.0		50.5	30-130	5.73	50	V-05	
2,4-Dinitrotoluene	35.8	10	µg/L	50.0		71.6	40-140	5.03	20		
2,6-Dinitrotoluene	38.3	10	µg/L	50.0		76.6	40-140	4.82	20		
Di-n-octylphthalate	28.6	10	µg/L	50.0		57.2	40-140	0.245	20	V-05	
Fluoranthene	39.6	5.0	µg/L	50.0		79.3	40-140	9.45	20		
Fluorene	37.9	5.0	µg/L	50.0		75.8	40-140	4.01	20		
Hexachlorobenzene	38.1	10	µg/L	50.0		76.2	40-140	0.810	20		
Hexachlorobutadiene	23.5	10	µg/L	50.0		46.9	40-140	8.53	20		
Hexachlorocyclopentadiene	12.9	10	µg/L	50.0		**25.8**	* 30-140	10.9	50	L-04, V-05	
Hexachloroethane	20.3	10	µg/L	50.0		40.6	40-140	1.74	50		
Indeno(1,2,3-cd)pyrene	33.3	5.0	µg/L	50.0		66.6	40-140	13.6	50		
Isophorone	35.9	10	µg/L	50.0		71.8	40-140	0.139	20		
2-Methylnaphthalene	36.8	5.0	µg/L	50.0		73.5	40-140	2.23	20		
2-Methylphenol	31.0	10	µg/L	50.0		62.0	30-130	6.46	20		
3/4-Methylphenol	31.3	10	µg/L	50.0		62.6	30-130	9.57	20		
Naphthalene	31.0	5.0	µg/L	50.0		62.1	40-140	0.193	20		
2-Nitroaniline	35.5	10	µg/L	50.0		71.0	40-140	5.46	20	V-35	
3-Nitroaniline	35.4	10	µg/L	50.0		70.8	40-140	3.36	20		†
4-Nitroaniline	35.7	10	µg/L	50.0		71.4	40-140	7.73	20		
Nitrobenzene	31.9	10	µg/L	50.0		63.8	40-140	1.62	20		
2-Nitrophenol	36.0	10	µg/L	50.0		71.9	30-130	0.111	20		

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B265959 - SW-846 3510C											
LCS Dup (B265959-BSD1)				Prepared: 09/08/20 Analyzed: 09/10/20							
4-Nitrophenol	19.5	10	µg/L	50.0		38.9	10-130	3.34	50		‡
N-Nitrosodiphenylamine/Diphenylamine	39.2	10	µg/L	50.0		78.4	40-140	2.15	20		
N-Nitrosodi-n-propylamine	37.1	10	µg/L	50.0		74.2	40-140	4.15	20		
Pentachloronitrobenzene	42.7	10	µg/L	50.0		85.4	40-140	2.63	20		
Pentachlorophenol	26.6	10	µg/L	50.0		53.3	30-130	4.65	50		
Phenanthrene	38.3	5.0	µg/L	50.0		76.5	40-140	4.95	20		
Phenol	16.8	10	µg/L	50.0		33.5	20-130	12.1	20		
Pyrene	36.6	5.0	µg/L	50.0		73.2	40-140	1.38	20		
Pyridine	11.4	5.0	µg/L	50.0		22.7	10-140	23.4	50		†
1,2,4,5-Tetrachlorobenzene	34.5	10	µg/L	50.0		69.0	40-140	1.22	20		
1,2,4-Trichlorobenzene	26.6	5.0	µg/L	50.0		53.2	40-140	2.09	20		
2,4,5-Trichlorophenol	36.8	10	µg/L	50.0		73.6	30-130	3.21	20		
2,4,6-Trichlorophenol	37.3	10	µg/L	50.0		74.6	30-130	1.65	50		
Surrogate: 2-Fluorophenol	*93.0*		µg/L	200		46.5	15-110				
Surrogate: Phenol-d6	*64.4*		µg/L	200		32.2	15-110				
Surrogate: Nitrobenzene-d5	*72.4*		µg/L	100		72.4	30-130				
Surrogate: 2-Fluorobiphenyl	*82.9*		µg/L	100		82.9	30-130				
Surrogate: 2,4,6-Tribromophenol	*171*		µg/L	200		85.6	15-110				
Surrogate: p-Terphenyl-d14	*86.0*		µg/L	100		86.0	30-130				
Matrix Spike (B265959-MS1)		**Source: 20I0158-10**		Prepared: 09/08/20 Analyzed: 09/10/20							
Acenaphthene	35.5	5.0	µg/L	49.5	ND	71.7	40-140				
Acenaphthylene	38.0	5.0	µg/L	49.5	ND	76.8	40-140				
Aniline	33.7	5.0	µg/L	49.5	ND	68.1	40-140				
Anthracene	38.1	5.0	µg/L	49.5	ND	76.9	40-140				
Benzo(a)anthracene	36.6	5.0	µg/L	49.5	ND	73.9	40-140				
Benzo(a)pyrene	36.4	5.0	µg/L	49.5	ND	73.6	40-140				
Benzo(b)fluoranthene	40.3	5.0	µg/L	49.5	ND	81.5	40-140				
Benzo(g,h,i)perylene	31.1	5.0	µg/L	49.5	ND	62.7	40-140				
Benzo(k)fluoranthene	38.9	5.0	µg/L	49.5	ND	78.6	40-140				
Bis(2-chloroethoxy)methane	36.0	9.9	µg/L	49.5	ND	72.8	40-140				
Bis(2-chloroethyl)ether	33.6	9.9	µg/L	49.5	ND	67.9	40-140				
Bis(2-chloroisopropyl)ether	37.5	9.9	µg/L	49.5	ND	75.8	40-140				
Bis(2-Ethylhexyl)phthalate	27.4	9.9	µg/L	49.5	ND	55.4	40-140			V-05	
4-Bromophenylphenylether	39.4	9.9	µg/L	49.5	ND	79.6	40-140				
Butylbenzylphthalate	30.4	9.9	µg/L	49.5	ND	61.4	40-140			V-05	
Carbazole	38.6	9.9	µg/L	49.5	ND	77.9	40-140				
4-Chloroaniline	38.4	9.9	µg/L	49.5	ND	77.5	40-140				
4-Chloro-3-methylphenol	37.1	9.9	µg/L	49.5	ND	74.9	30-130				
2-Chloronaphthalene	34.5	9.9	µg/L	49.5	ND	69.7	40-140				
2-Chlorophenol	34.1	9.9	µg/L	49.5	ND	68.9	30-130				
4-Chlorophenylphenylether	37.9	9.9	µg/L	49.5	ND	76.6	40-140				
Chrysene	37.2	5.0	µg/L	49.5	ND	75.2	40-140				
Dibenz(a,h)anthracene	30.0	5.0	µg/L	49.5	ND	60.6	40-140				
Dibenzofuran	39.3	5.0	µg/L	49.5	ND	79.4	40-140				
Di-n-butylphthalate	34.4	9.9	µg/L	49.5	ND	69.5	40-140				
3,3-Dichlorobenzidine	36.6	9.9	µg/L	49.5	ND	74.0	40-140				
2,4-Dichlorophenol	37.5	9.9	µg/L	49.5	ND	75.8	30-130				
Diethylphthalate	34.0	9.9	µg/L	49.5	ND	68.6	40-140				
2,4-Dimethylphenol	34.9	9.9	µg/L	49.5	ND	70.5	30-130				
Dimethylphthalate	37.6	9.9	µg/L	49.5	ND	75.9	40-140				
4,6-Dinitro-2-methylphenol	32.0	9.9	µg/L	49.5	ND	64.6	30-130				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B265959 - SW-846 3510C											
Matrix Spike (B265959-MS1)	**Source: 20I0158-10**			Prepared: 09/08/20 Analyzed: 09/10/20							
2,4-Dinitrophenol	27.3	9.9	µg/L	49.5	ND	55.1		30-130			V-05
2,4-Dinitrotoluene	36.5	9.9	µg/L	49.5	ND	73.8		40-140			
2,6-Dinitrotoluene	39.4	9.9	µg/L	49.5	ND	79.6		40-140			
Di-n-octylphthalate	28.1	9.9	µg/L	49.5	ND	56.8		40-140			V-05
Fluoranthene	40.3	5.0	µg/L	49.5	ND	81.4		40-140			
Fluorene	39.0	5.0	µg/L	49.5	ND	78.7		40-140			
Hexachlorobenzene	38.6	9.9	µg/L	49.5	ND	77.9		40-140			
Hexachlorobutadiene	29.8	9.9	µg/L	49.5	ND	60.2		40-140			
Hexachlorocyclopentadiene	16.3	9.9	µg/L	49.5	ND	**32.9**	*	40-140			L-04, M-09, V-05
Hexachloroethane	24.0	9.9	µg/L	49.5	ND	48.6		40-140			
Indeno(1,2,3-cd)pyrene	33.3	5.0	µg/L	49.5	ND	67.2		40-140			
Isophorone	37.0	9.9	µg/L	49.5	ND	74.8		40-140			
2-Methylnaphthalene	41.0	5.0	µg/L	49.5	ND	82.7		40-140			
2-Methylphenol	31.9	9.9	µg/L	49.5	ND	64.4		30-130			
3/4-Methylphenol	31.2	9.9	µg/L	49.5	ND	62.9		30-130			
Naphthalene	35.5	5.0	µg/L	49.5	ND	71.7		40-140			
2-Nitroaniline	36.8	9.9	µg/L	49.5	ND	74.3		40-140			V-35
3-Nitroaniline	37.8	9.9	µg/L	49.5	ND	76.3		40-140			
4-Nitroaniline	36.1	9.9	µg/L	49.5	ND	73.0		40-140			
Nitrobenzene	34.0	9.9	µg/L	49.5	ND	68.7		40-140			
2-Nitrophenol	37.5	9.9	µg/L	49.5	ND	75.7		30-130			
4-Nitrophenol	20.3	9.9	µg/L	49.5	ND	40.9		30-130			
N-Nitrosodiphenylamine/Diphenylamine	39.4	9.9	µg/L	49.5	ND	79.6		40-140			
N-Nitrosodi-n-propylamine	37.8	9.9	µg/L	49.5	ND	76.3		40-140			
Pentachloronitrobenzene	43.5	9.9	µg/L	49.5	ND	87.9		40-140			
Pentachlorophenol	28.1	9.9	µg/L	49.5	ND	56.8		30-130			
Phenanthrene	38.7	5.0	µg/L	49.5	ND	78.1		40-140			
Phenol	16.7	9.9	µg/L	49.5	ND	33.7		30-130			
Pyrene	36.8	5.0	µg/L	49.5	ND	74.3		40-140			
Pyridine	18.2	5.0	µg/L	49.5	ND	**36.8**	*	40-140			MS-09
1,2,4,5-Tetrachlorobenzene	37.6	9.9	µg/L	49.5	ND	76.0		40-140			
1,2,4-Trichlorobenzene	31.7	5.0	µg/L	49.5	ND	64.1		40-140			
2,4,5-Trichlorophenol	36.6	9.9	µg/L	49.5	ND	74.0		30-130			
2,4,6-Trichlorophenol	38.2	9.9	µg/L	49.5	ND	77.1		30-130			
Surrogate: 2-Fluorophenol	*95.3*		µg/L	198		48.1		15-110			
Surrogate: Phenol-d6	*64.3*		µg/L	198		32.4		15-110			
Surrogate: Nitrobenzene-d5	*75.9*		µg/L	99.0		76.7		30-130			
Surrogate: 2-Fluorobiphenyl	*87.0*		µg/L	99.0		87.9		30-130			
Surrogate: 2,4,6-Tribromophenol	*176*		µg/L	198		89.0		15-110			
Surrogate: p-Terphenyl-d14	*86.8*		µg/L	99.0		87.7		30-130			
Matrix Spike Dup (B265959-MSD1)	**Source: 20I0158-10**			Prepared: 09/08/20 Analyzed: 09/10/20							
Acenaphthene	35.2	5.0	µg/L	49.5	ND	71.0		40-140	0.953	30	
Acenaphthylene	37.7	5.0	µg/L	49.5	ND	76.2		40-140	0.837	30	
Aniline	34.6	5.0	µg/L	49.5	ND	69.8		40-140	2.52	30	
Anthracene	38.2	5.0	µg/L	49.5	ND	77.2		40-140	0.338	30	
Benzo(a)anthracene	36.5	5.0	µg/L	49.5	ND	73.8		40-140	0.190	30	
Benzo(a)pyrene	36.0	5.0	µg/L	49.5	ND	72.7		40-140	1.26	30	
Benzo(b)fluoranthene	39.7	5.0	µg/L	49.5	ND	80.1		40-140	1.71	30	
Benzo(g,h,i)perylene	31.5	5.0	µg/L	49.5	ND	63.6		40-140	1.39	30	
Benzo(k)fluoranthene	39.3	5.0	µg/L	49.5	ND	79.4		40-140	1.01	30	
Bis(2-chloroethoxy)methane	36.5	9.9	µg/L	49.5	ND	73.7		40-140	1.28	30	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B265959 - SW-846 3510C											
Matrix Spike Dup (B265959-MSD1)	**Source: 20I0158-10**			Prepared: 09/08/20 Analyzed: 09/10/20							
Bis(2-chloroethyl)ether	35.0	9.9	µg/L	49.5	ND	70.8		40-140	4.15	30	
Bis(2-chloroisopropyl)ether	39.2	9.9	µg/L	49.5	ND	79.2		40-140	4.31	30	
Bis(2-Ethylhexyl)phthalate	27.8	9.9	µg/L	49.5	ND	56.1		40-140	1.33	30	V-05
4-Bromophenylphenylether	39.0	9.9	µg/L	49.5	ND	78.7		40-140	1.11	30	
Butylbenzylphthalate	30.4	9.9	µg/L	49.5	ND	61.5		40-140	0.130	30	V-05
Carbazole	38.0	9.9	µg/L	49.5	ND	76.7		40-140	1.58	30	
4-Chloroaniline	38.9	9.9	µg/L	49.5	ND	78.5		40-140	1.31	30	
4-Chloro-3-methylphenol	37.8	9.9	µg/L	49.5	ND	76.4		30-130	1.90	30	
2-Chloronaphthalene	33.4	9.9	µg/L	49.5	ND	67.6		40-140	3.15	30	
2-Chlorophenol	35.0	9.9	µg/L	49.5	ND	70.6		30-130	2.41	30	
4-Chlorophenylphenylether	38.1	9.9	µg/L	49.5	ND	77.0		40-140	0.469	30	
Chrysene	37.3	5.0	µg/L	49.5	ND	75.4		40-140	0.292	30	
Dibenz(a,h)anthracene	29.9	5.0	µg/L	49.5	ND	60.4		40-140	0.463	30	
Dibenzofuran	38.6	5.0	µg/L	49.5	ND	77.9		40-140	1.96	30	
Di-n-butylphthalate	34.3	9.9	µg/L	49.5	ND	69.3		40-140	0.259	30	
3,3-Dichlorobenzidine	36.6	9.9	µg/L	49.5	ND	74.0		40-140	0.0270	30	
2,4-Dichlorophenol	38.2	9.9	µg/L	49.5	ND	77.1		30-130	1.75	30	
Diethylphthalate	33.9	9.9	µg/L	49.5	ND	68.5		40-140	0.175	30	
2,4-Dimethylphenol	35.5	9.9	µg/L	49.5	ND	71.8		30-130	1.71	30	
Dimethylphthalate	37.4	9.9	µg/L	49.5	ND	75.5		40-140	0.555	30	
4,6-Dinitro-2-methylphenol	32.9	9.9	µg/L	49.5	ND	66.5		30-130	2.93	30	
2,4-Dinitrophenol	28.3	9.9	µg/L	49.5	ND	57.1		30-130	3.67	30	V-05
2,4-Dinitrotoluene	36.8	9.9	µg/L	49.5	ND	74.4		40-140	0.729	30	
2,6-Dinitrotoluene	38.5	9.9	µg/L	49.5	ND	77.7		40-140	2.34	30	
Di-n-octylphthalate	28.9	9.9	µg/L	49.5	ND	58.5		40-140	2.92	30	V-05
Fluoranthene	40.2	5.0	µg/L	49.5	ND	81.3		40-140	0.148	30	
Fluorene	38.8	5.0	µg/L	49.5	ND	78.3		40-140	0.433	30	
Hexachlorobenzene	37.8	9.9	µg/L	49.5	ND	76.3		40-140	2.02	30	
Hexachlorobutadiene	29.9	9.9	µg/L	49.5	ND	60.4		40-140	0.298	30	
Hexachlorocyclopentadiene	15.9	9.9	µg/L	49.5	ND	**32.0**	*	40-140	2.53	30	L-04, M-09, V-05
Hexachloroethane	25.0	9.9	µg/L	49.5	ND	50.5		40-140	3.80	30	
Indeno(1,2,3-cd)pyrene	32.7	5.0	µg/L	49.5	ND	66.1		40-140	1.56	30	
Isophorone	37.1	9.9	µg/L	49.5	ND	75.0		40-140	0.267	30	
2-Methylnaphthalene	40.8	5.0	µg/L	49.5	ND	82.5		40-140	0.291	30	
2-Methylphenol	32.5	9.9	µg/L	49.5	ND	65.7		30-130	1.88	30	
3/4-Methylphenol	31.7	9.9	µg/L	49.5	ND	64.0		30-130	1.64	30	
Naphthalene	35.6	5.0	µg/L	49.5	ND	71.9		40-140	0.279	30	
2-Nitroaniline	36.4	9.9	µg/L	49.5	ND	73.5		40-140	1.08	30	V-35
3-Nitroaniline	38.0	9.9	µg/L	49.5	ND	76.7		40-140	0.497	30	
4-Nitroaniline	37.2	9.9	µg/L	49.5	ND	75.1		40-140	2.89	30	
Nitrobenzene	33.7	9.9	µg/L	49.5	ND	68.1		40-140	0.906	30	
2-Nitrophenol	37.8	9.9	µg/L	49.5	ND	76.4		30-130	0.973	30	
4-Nitrophenol	19.8	9.9	µg/L	49.5	ND	40.0		30-130	2.37	30	
N-Nitrosodiphenylamine/Diphenylamine	39.2	9.9	µg/L	49.5	ND	79.2		40-140	0.605	30	
N-Nitrosodi-n-propylamine	39.4	9.9	µg/L	49.5	ND	79.5		40-140	4.16	30	
Pentachloronitrobenzene	43.0	9.9	µg/L	49.5	ND	86.9		40-140	1.14	30	
Pentachlorophenol	28.4	9.9	µg/L	49.5	ND	57.3		30-130	1.02	30	
Phenanthrene	38.7	5.0	µg/L	49.5	ND	78.1		40-140	0.0768	30	
Phenol	16.1	9.9	µg/L	49.5	ND	32.5		30-130	3.51	30	
Pyrene	36.8	5.0	µg/L	49.5	ND	74.3		40-140	0.0538	30	
Pyridine	17.0	5.0	µg/L	49.5	ND	**34.3**	*	40-140	6.92	30	MS-09
1,2,4,5-Tetrachlorobenzene	36.8	9.9	µg/L	49.5	ND	74.2		40-140	2.40	30	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B265959 - SW-846 3510C										
Matrix Spike Dup (B265959-MSD1)	**Source: 20I0158-10**			Prepared: 09/08/20 Analyzed: 09/10/20						
1,2,4-Trichlorobenzene	32.0	5.0	µg/L	49.5	ND	64.7	40-140	0.963	30	
2,4,5-Trichlorophenol	37.7	9.9	µg/L	49.5	ND	76.2	30-130	3.01	30	
2,4,6-Trichlorophenol	38.0	9.9	µg/L	49.5	ND	76.7	30-130	0.494	30	
Surrogate: 2-Fluorophenol	*96.8*		µg/L	198		48.9	15-110			
Surrogate: Phenol-d6	*64.4*		µg/L	198		32.5	15-110			
Surrogate: Nitrobenzene-d5	*77.1*		µg/L	99.0		77.8	30-130			
Surrogate: 2-Fluorobiphenyl	*86.0*		µg/L	99.0		86.9	30-130			
Surrogate: 2,4,6-Tribromophenol	*177*		µg/L	198		89.1	15-110			
Surrogate: p-Terphenyl-d14	*88.1*		µg/L	99.0		89.0	30-130			
Batch B266126 - SW-846 3510C										
Blank (B266126-BLK1)				Prepared: 09/04/20 Analyzed: 09/10/20						
Acenaphthylene (SIM)	ND	0.20	µg/L							
Benzo(a)anthracene (SIM)	ND	0.050	µg/L							
Benzo(a)pyrene (SIM)	ND	0.10	µg/L							
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L							
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L							
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L							
Chrysene (SIM)	ND	0.10	µg/L							
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L							
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L							
Phenanthrene (SIM)	ND	0.050	µg/L							
Surrogate: o-Terphenyl (OTP)	*82.0*		µg/L	100		82.0	30-130			
LCS (B266126-BS1)				Prepared: 09/04/20 Analyzed: 09/10/20						
Acenaphthylene (SIM)	76.6	8.0	µg/L	100		76.6	40-140			
Benzo(a)anthracene (SIM)	99.2	2.0	µg/L	100		99.2	40-140			
Benzo(a)pyrene (SIM)	105	4.0	µg/L	100		105	40-140			
Benzo(b)fluoranthene (SIM)	123	2.0	µg/L	100		123	40-140			
Benzo(g,h,i)perylene (SIM)	104	4.0	µg/L	100		104	40-140			
Benzo(k)fluoranthene (SIM)	90.4	8.0	µg/L	100		90.4	40-140			
Chrysene (SIM)	101	4.0	µg/L	100		101	40-140			
Dibenz(a,h)anthracene (SIM)	105	4.0	µg/L	100		105	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	112	4.0	µg/L	100		112	40-140			
Phenanthrene (SIM)	90.5	2.0	µg/L	100		90.5	40-140			
Surrogate: o-Terphenyl (OTP)	*114*		µg/L	100		114	30-130			
LCS Dup (B266126-BSD1)				Prepared: 09/04/20 Analyzed: 09/10/20						
Acenaphthylene (SIM)	75.6	8.0	µg/L	100		75.6	40-140	1.37	20	
Benzo(a)anthracene (SIM)	94.0	2.0	µg/L	100		94.0	40-140	5.42	20	
Benzo(a)pyrene (SIM)	99.1	4.0	µg/L	100		99.1	40-140	6.03	20	
Benzo(b)fluoranthene (SIM)	116	2.0	µg/L	100		116	40-140	5.70	20	
Benzo(g,h,i)perylene (SIM)	96.9	4.0	µg/L	100		96.9	40-140	6.63	20	
Benzo(k)fluoranthene (SIM)	84.7	8.0	µg/L	100		84.7	40-140	6.44	20	
Chrysene (SIM)	96.0	4.0	µg/L	100		96.0	40-140	5.23	20	
Dibenz(a,h)anthracene (SIM)	95.4	4.0	µg/L	100		95.4	40-140	9.47	20	
Indeno(1,2,3-cd)pyrene (SIM)	104	4.0	µg/L	100		104	40-140	7.03	20	
Phenanthrene (SIM)	88.0	2.0	µg/L	100		88.0	40-140	2.82	20	
Surrogate: o-Terphenyl (OTP)	*110*		µg/L	100		110	30-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B266301 - SW-846 3510C										
Blank (B266301-BLK1)				Prepared: 09/08/20 Analyzed: 09/11/20						
Acenaphthylene (SIM)	ND	0.20	µg/L							
Benzo(a)anthracene (SIM)	ND	0.050	µg/L							
Benzo(a)pyrene (SIM)	ND	0.10	µg/L							
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L							
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L							
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L							
Chrysene (SIM)	ND	0.10	µg/L							
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L							
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L							
Phenanthrene (SIM)	ND	0.050	µg/L							
Surrogate: o-Terphenyl (OTP)	*116*		µg/L	100		116	30-130			
LCS (B266301-BS1)				Prepared: 09/08/20 Analyzed: 09/11/20						
Acenaphthylene (SIM)	82.9	8.0	µg/L	100		82.9	40-140			
Benzo(a)anthracene (SIM)	93.4	2.0	µg/L	100		93.4	40-140			
Benzo(a)pyrene (SIM)	97.2	4.0	µg/L	100		97.2	40-140			
Benzo(b)fluoranthene (SIM)	112	2.0	µg/L	100		112	40-140			
Benzo(g,h,i)perylene (SIM)	113	4.0	µg/L	100		113	40-140			
Benzo(k)fluoranthene (SIM)	97.3	8.0	µg/L	100		97.3	40-140			
Chrysene (SIM)	95.3	4.0	µg/L	100		95.3	40-140			
Dibenz(a,h)anthracene (SIM)	118	4.0	µg/L	100		118	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	96.2	4.0	µg/L	100		96.2	40-140			
Phenanthrene (SIM)	101	2.0	µg/L	100		101	40-140			
Surrogate: o-Terphenyl (OTP)	*97.4*		µg/L	100		97.4	30-130			
LCS Dup (B266301-BSD1)				Prepared: 09/08/20 Analyzed: 09/11/20						
Acenaphthylene (SIM)	81.4	8.0	µg/L	100		81.4	40-140	1.85	20	
Benzo(a)anthracene (SIM)	90.0	2.0	µg/L	100		90.0	40-140	3.79	20	
Benzo(a)pyrene (SIM)	93.1	4.0	µg/L	100		93.1	40-140	4.25	20	
Benzo(b)fluoranthene (SIM)	108	2.0	µg/L	100		108	40-140	3.79	20	
Benzo(g,h,i)perylene (SIM)	105	4.0	µg/L	100		105	40-140	8.18	20	
Benzo(k)fluoranthene (SIM)	95.2	8.0	µg/L	100		95.2	40-140	2.12	20	
Chrysene (SIM)	93.8	4.0	µg/L	100		93.8	40-140	1.65	20	
Dibenz(a,h)anthracene (SIM)	110	4.0	µg/L	100		110	40-140	6.62	20	
Indeno(1,2,3-cd)pyrene (SIM)	87.8	4.0	µg/L	100		87.8	40-140	9.04	20	
Phenanthrene (SIM)	96.3	2.0	µg/L	100		96.3	40-140	4.75	20	
Surrogate: o-Terphenyl (OTP)	*93.6*		µg/L	100		93.6	30-130			
Matrix Spike (B266301-MS1)	**Source: 20I0158-10**			Prepared & Analyzed: 09/11/20						
Acenaphthylene (SIM)	74.3	8.0	µg/L	100	ND	74.3	40-140			
Benzo(a)anthracene (SIM)	86.3	2.0	µg/L	100	ND	86.3	40-140			
Benzo(a)pyrene (SIM)	86.6	4.0	µg/L	100	ND	86.6	40-140			
Benzo(b)fluoranthene (SIM)	101	2.0	µg/L	100	ND	101	40-140			
Benzo(g,h,i)perylene (SIM)	89.2	4.0	µg/L	100	ND	89.2	40-140			
Benzo(k)fluoranthene (SIM)	89.8	8.0	µg/L	100	ND	89.8	40-140			
Chrysene (SIM)	89.1	4.0	µg/L	100	ND	89.1	40-140			
Dibenz(a,h)anthracene (SIM)	104	4.0	µg/L	100	ND	104	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	80.3	4.0	µg/L	100	ND	80.3	40-140			
Phenanthrene (SIM)	94.3	2.0	µg/L	100	ND	94.3	40-140			
Surrogate: o-Terphenyl (OTP)	*94.3*		µg/L	100		94.3	30-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B266301 - SW-846 3510C										
Matrix Spike Dup (B266301-MSD1)	**Source: 20I0158-10**			Prepared & Analyzed: 09/11/20						
Acenaphthylene (SIM)	75.1	8.0	µg/L	100	ND	75.1	40-140	1.07	30	
Benzo(a)anthracene (SIM)	90.0	2.0	µg/L	100	ND	90.0	40-140	4.13	30	
Benzo(a)pyrene (SIM)	91.1	4.0	µg/L	100	ND	91.1	40-140	5.04	30	
Benzo(b)fluoranthene (SIM)	104	2.0	µg/L	100	ND	104	40-140	3.44	30	
Benzo(g,h,i)perylene (SIM)	91.9	4.0	µg/L	100	ND	91.9	40-140	2.96	30	
Benzo(k)fluoranthene (SIM)	93.9	8.0	µg/L	100	ND	93.9	40-140	4.49	30	
Chrysene (SIM)	92.3	4.0	µg/L	100	ND	92.3	40-140	3.53	30	
Dibenz(a,h)anthracene (SIM)	106	4.0	µg/L	100	ND	106	40-140	2.33	30	
Indeno(1,2,3-cd)pyrene (SIM)	81.7	4.0	µg/L	100	ND	81.7	40-140	1.73	30	
Phenanthrene (SIM)	97.5	2.0	µg/L	100	ND	97.5	40-140	3.34	30	
Surrogate: o-Terphenyl (OTP)	*101*		µg/L	100		101	30-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B265859 - SW-846 3510C										
Blank (B265859-BLK1)				Prepared: 09/04/20 Analyzed: 09/10/20						
C9-C18 Aliphatics	ND	100	µg/L							
C19-C36 Aliphatics	ND	100	µg/L							
Unadjusted C11-C22 Aromatics	ND	100	µg/L							
C11-C22 Aromatics	ND	100	µg/L							
Acenaphthene	ND	2.0	µg/L							
Anthracene	ND	2.0	µg/L							
Fluoranthene	ND	2.0	µg/L							
Fluorene	ND	2.0	µg/L							
2-Methylnaphthalene	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
Pyrene	ND	2.0	µg/L							
Naphthalene-aliphatic fraction	ND	2.0	µg/L							
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L							
Surrogate: Chlorooctadecane (COD)	*84.8*		µg/L	100		84.8	40-140			
Surrogate: o-Terphenyl (OTP)	*83.1*		µg/L	100		83.1	40-140			
Surrogate: 2-Bromonaphthalene	*88.5*		µg/L	100		88.5	40-140			
Surrogate: 2-Fluorobiphenyl	*94.9*		µg/L	100		94.9	40-140			
LCS (B265859-BS1)				Prepared: 09/04/20 Analyzed: 09/10/20						
C9-C18 Aliphatics	396	100	µg/L	600		66.0	0-200			
C19-C36 Aliphatics	749	100	µg/L	800		93.6	0-200			
Unadjusted C11-C22 Aromatics	1400	100	µg/L	1700		82.4	0-200			
Acenaphthene	72.7	2.0	µg/L	100		72.7	40-140			
Anthracene	81.0	2.0	µg/L	100		81.0	40-140			
Fluoranthene	85.2	2.0	µg/L	100		85.2	40-140			
Fluorene	77.0	2.0	µg/L	100		77.0	40-140			
2-Methylnaphthalene	61.8	2.0	µg/L	100		61.8	40-140			
Naphthalene	54.6	2.0	µg/L	100		54.6	40-140			
Pyrene	86.1	2.0	µg/L	100		86.1	40-140			
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*82.2*		µg/L	100		82.2	40-140			
Surrogate: o-Terphenyl (OTP)	*83.1*		µg/L	100		83.1	40-140			
Surrogate: 2-Bromonaphthalene	*84.8*		µg/L	100		84.8	40-140			
Surrogate: 2-Fluorobiphenyl	*92.8*		µg/L	100		92.8	40-140			
LCS Dup (B265859-BSD1)				Prepared: 09/04/20 Analyzed: 09/10/20						
C9-C18 Aliphatics	421	100	µg/L	600		70.2	0-200	6.18		
C19-C36 Aliphatics	780	100	µg/L	800		97.5	0-200	4.12		
Unadjusted C11-C22 Aromatics	1420	100	µg/L	1700		83.3	0-200	1.01		
Acenaphthene	74.4	2.0	µg/L	100		74.4	40-140	2.28	25	
Anthracene	81.4	2.0	µg/L	100		81.4	40-140	0.532	25	
Fluoranthene	85.2	2.0	µg/L	100		85.2	40-140	0.0423	25	
Fluorene	78.7	2.0	µg/L	100		78.7	40-140	2.16	25	
2-Methylnaphthalene	61.7	2.0	µg/L	100		61.7	40-140	0.240	25	
Naphthalene	53.7	2.0	µg/L	100		53.7	40-140	1.65	25	
Pyrene	85.8	2.0	µg/L	100		85.8	40-140	0.342	25	
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*85.3*		µg/L	100		85.3	40-140			
Surrogate: o-Terphenyl (OTP)	*84.2*		µg/L	100		84.2	40-140			
Surrogate: 2-Bromonaphthalene	*88.5*		µg/L	100		88.5	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B265859 - SW-846 3510C										
LCS Dup (B265859-BSD1)				Prepared: 09/04/20 Analyzed: 09/10/20						
Surrogate: 2-Fluorobiphenyl	*94.3*		µg/L	100		94.3	40-140			
Batch B265960 - SW-846 3510C										
Blank (B265960-BLK1)				Prepared: 09/08/20 Analyzed: 09/11/20						
C9-C18 Aliphatics	ND	100	µg/L							
C19-C36 Aliphatics	ND	100	µg/L							
Unadjusted C11-C22 Aromatics	ND	100	µg/L							
C11-C22 Aromatics	ND	100	µg/L							
Acenaphthene	ND	2.0	µg/L							
Anthracene	ND	2.0	µg/L							
Fluoranthene	ND	2.0	µg/L							
Fluorene	ND	2.0	µg/L							
2-Methylnaphthalene	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
Pyrene	ND	2.0	µg/L							
Naphthalene-aliphatic fraction	ND	2.0	µg/L							
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L							
Surrogate: Chlorooctadecane (COD)	*70.9*		µg/L	100		70.9	40-140			
Surrogate: o-Terphenyl (OTP)	*82.3*		µg/L	100		82.3	40-140			
Surrogate: 2-Bromonaphthalene	*83.0*		µg/L	100		83.0	40-140			
Surrogate: 2-Fluorobiphenyl	*85.9*		µg/L	100		85.9	40-140			
LCS (B265960-BS1)				Prepared: 09/08/20 Analyzed: 09/11/20						
C9-C18 Aliphatics	510	100	µg/L	600		85.0	0-200			
C19-C36 Aliphatics	906	100	µg/L	800		113	0-200			
Unadjusted C11-C22 Aromatics	1700	100	µg/L	1700		100	0-200			
Acenaphthene	91.8	2.0	µg/L	100		91.8	40-140			
Anthracene	96.8	2.0	µg/L	100		96.8	40-140			
Fluoranthene	99.0	2.0	µg/L	100		99.0	40-140			
Fluorene	95.5	2.0	µg/L	100		95.5	40-140			
2-Methylnaphthalene	84.7	2.0	µg/L	100		84.7	40-140			
Naphthalene	80.3	2.0	µg/L	100		80.3	40-140			
Pyrene	100	2.0	µg/L	100		100	40-140			
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*86.6*		µg/L	100		86.6	40-140			
Surrogate: o-Terphenyl (OTP)	*92.4*		µg/L	100		92.4	40-140			
Surrogate: 2-Bromonaphthalene	*93.2*		µg/L	100		93.2	40-140			
Surrogate: 2-Fluorobiphenyl	*95.8*		µg/L	100		95.8	40-140			
LCS Dup (B265960-BSD1)				Prepared: 09/08/20 Analyzed: 09/11/20						
C9-C18 Aliphatics	510	100	µg/L	600		85.1	0-200	0.119		
C19-C36 Aliphatics	890	100	µg/L	800		111	0-200	1.73		
Unadjusted C11-C22 Aromatics	1640	100	µg/L	1700		96.3	0-200	4.06		
Acenaphthene	87.8	2.0	µg/L	100		87.8	40-140	4.43	25	
Anthracene	91.2	2.0	µg/L	100		91.2	40-140	5.91	25	
Fluoranthene	92.7	2.0	µg/L	100		92.7	40-140	6.55	25	
Fluorene	88.6	2.0	µg/L	100		88.6	40-140	7.47	25	
2-Methylnaphthalene	82.3	2.0	µg/L	100		82.3	40-140	2.86	25	
Naphthalene	80.3	2.0	µg/L	100		80.3	40-140	0.0274	25	
Pyrene	93.9	2.0	µg/L	100		93.9	40-140	6.53	25	
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B265960 - SW-846 3510C										
LCS Dup (B265960-BSD1)				Prepared: 09/08/20 Analyzed: 09/11/20						
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*83.6*		µg/L	100		83.6	40-140			
Surrogate: o-Terphenyl (OTP)	*86.4*		µg/L	100		86.4	40-140			
Surrogate: 2-Bromonaphthalene	*91.5*		µg/L	100		91.5	40-140			
Surrogate: 2-Fluorobiphenyl	*94.3*		µg/L	100		94.3	40-140			
Matrix Spike (B265960-MS1)	**Source: 20I0158-10**			Prepared: 09/08/20 Analyzed: 09/11/20						
C9-C18 Aliphatics	515	100	µg/L	600	51.9	77.1	40-140			
C19-C36 Aliphatics	904	100	µg/L	800	78.6	103	40-140			
Unadjusted C11-C22 Aromatics	1520	100	µg/L	1700	62.3	85.6	40-140			
Acenaphthene	80.3	2.0	µg/L	100	ND	80.3	40-140			
Anthracene	87.9	2.0	µg/L	100	ND	87.9	40-140			
Fluoranthene	90.0	2.0	µg/L	100	ND	90.0	40-140			
Fluorene	84.1	2.0	µg/L	100	ND	84.1	40-140			
2-Methylnaphthalene	71.6	2.0	µg/L	100	ND	71.6	40-140			
Naphthalene	65.7	2.0	µg/L	100	ND	65.7	40-140			
Pyrene	91.0	2.0	µg/L	100	ND	91.0	40-140			
Surrogate: Chlorooctadecane (COD)	*86.9*		µg/L	100		86.9	40-140			
Surrogate: o-Terphenyl (OTP)	*88.0*		µg/L	100		88.0	40-140			
Surrogate: 2-Bromonaphthalene	*91.3*		µg/L	100		91.3	40-140			
Surrogate: 2-Fluorobiphenyl	*94.8*		µg/L	100		94.8	40-140			
Matrix Spike Dup (B265960-MSD1)	**Source: 20I0158-10**			Prepared: 09/08/20 Analyzed: 09/11/20						
C9-C18 Aliphatics	507	100	µg/L	600	51.9	75.9	40-140	1.45	50	
C19-C36 Aliphatics	891	100	µg/L	800	78.6	102	40-140	1.50	50	
Unadjusted C11-C22 Aromatics	1540	100	µg/L	1700	62.3	86.9	40-140	1.35	50	
Acenaphthene	80.3	2.0	µg/L	100	ND	80.3	40-140	0.00	50	
Anthracene	89.2	2.0	µg/L	100	ND	89.2	40-140	1.44	50	
Fluoranthene	91.1	2.0	µg/L	100	ND	91.1	40-140	1.23	50	
Fluorene	84.4	2.0	µg/L	100	ND	84.4	40-140	0.323	50	
2-Methylnaphthalene	72.7	2.0	µg/L	100	ND	72.7	40-140	1.42	50	
Naphthalene	67.0	2.0	µg/L	100	ND	67.0	40-140	1.84	50	
Pyrene	92.2	2.0	µg/L	100	ND	92.2	40-140	1.37	50	
Surrogate: Chlorooctadecane (COD)	*77.0*		µg/L	100		77.0	40-140			
Surrogate: o-Terphenyl (OTP)	*89.3*		µg/L	100		89.3	40-140			
Surrogate: 2-Bromonaphthalene	*88.9*		µg/L	100		88.9	40-140			
Surrogate: 2-Fluorobiphenyl	*91.7*		µg/L	100		91.7	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B265699 - SW-846 3005A										
Blank (B265699-BLK1)				Prepared: 09/02/20 Analyzed: 09/03/20						
Antimony	ND	1.0	µg/L							
Arsenic	ND	0.80	µg/L							
Barium	ND	10	µg/L							
Beryllium	ND	0.40	µg/L							
Cadmium	ND	0.20	µg/L							
Chromium	ND	1.0	µg/L							
Copper	ND	1.0	µg/L							
Lead	ND	0.50	µg/L							
Nickel	ND	5.0	µg/L							
Selenium	ND	5.0	µg/L							
Silver	ND	0.20	µg/L							
Thallium	ND	0.20	µg/L							
Vanadium	ND	5.0	µg/L							
Zinc	ND	10	µg/L							
LCS (B265699-BS1)				Prepared: 09/02/20 Analyzed: 09/03/20						
Antimony	541	10	µg/L	500		108	80-120			
Arsenic	553	8.0	µg/L	500		111	80-120			
Barium	524	100	µg/L	500		105	80-120			
Beryllium	533	4.0	µg/L	500		107	80-120			
Cadmium	559	2.0	µg/L	500		112	80-120			
Chromium	549	10	µg/L	500		110	80-120			
Copper	1070	10	µg/L	1000		107	80-120			
Lead	555	5.0	µg/L	500		111	80-120			
Nickel	569	50	µg/L	500		114	80-120			
Selenium	542	50	µg/L	500		108	80-120			
Silver	526	2.0	µg/L	500		105	80-120			
Thallium	525	2.0	µg/L	500		105	80-120			
Vanadium	531	50	µg/L	500		106	80-120			
Zinc	1100	100	µg/L	1000		110	80-120			
LCS Dup (B265699-BSD1)				Prepared: 09/02/20 Analyzed: 09/03/20						
Antimony	497	10	µg/L	500		99.5	80-120	8.40	20	
Arsenic	509	8.0	µg/L	500		102	80-120	8.23	20	
Barium	480	100	µg/L	500		96.0	80-120	8.70	20	
Beryllium	491	4.0	µg/L	500		98.3	80-120	8.05	20	
Cadmium	512	2.0	µg/L	500		102	80-120	8.82	20	
Chromium	503	10	µg/L	500		101	80-120	8.78	20	
Copper	988	10	µg/L	1000		98.8	80-120	8.17	20	
Lead	510	5.0	µg/L	500		102	80-120	8.37	20	
Nickel	522	50	µg/L	500		104	80-120	8.50	20	
Selenium	501	50	µg/L	500		100	80-120	7.89	20	
Silver	480	2.0	µg/L	500		96.0	80-120	9.19	20	
Thallium	483	2.0	µg/L	500		96.6	80-120	8.47	20	
Vanadium	488	50	µg/L	500		97.6	80-120	8.56	20	
Zinc	1010	100	µg/L	1000		101	80-120	8.01	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes
Batch B265699 - SW-846 3005A											
Matrix Spike (B265699-MS1)	**Source: 20I0158-10**			Prepared: 09/02/20 Analyzed: 09/03/20							
Antimony	455	10	µg/L	500	ND	91.1	75-125				
Arsenic	473	8.0	µg/L	500	ND	94.7	75-125				
Barium	630	100	µg/L	500	180	90.0	75-125				
Beryllium	452	4.0	µg/L	500	ND	90.4	75-125				
Cadmium	462	2.0	µg/L	500	ND	92.4	75-125				
Chromium	459	10	µg/L	500	ND	91.7	75-125				
Copper	886	10	µg/L	1000	ND	88.6	75-125				
Lead	463	5.0	µg/L	500	ND	92.7	75-125				
Nickel	465	50	µg/L	500	ND	93.0	75-125				
Selenium	463	50	µg/L	500	ND	92.6	75-125				
Silver	376	2.0	µg/L	500	ND	75.2	75-125				
Thallium	440	2.0	µg/L	500	ND	88.1	75-125				
Vanadium	449	50	µg/L	500	ND	89.8	75-125				
Zinc	930	100	µg/L	1000	ND	93.0	75-125				
Matrix Spike Dup (B265699-MSD1)	**Source: 20I0158-10**			Prepared: 09/02/20 Analyzed: 09/03/20							
Antimony	481	10	µg/L	500	ND	96.2	75-125	5.46		20	
Arsenic	507	8.0	µg/L	500	ND	101	75-125	6.83		20	
Barium	640	100	µg/L	500	180	92.1	75-125	1.59		20	
Beryllium	483	4.0	µg/L	500	ND	96.5	75-125	6.55		20	
Cadmium	491	2.0	µg/L	500	ND	98.1	75-125	6.04		20	
Chromium	489	10	µg/L	500	ND	97.8	75-125	6.44		20	
Copper	950	10	µg/L	1000	ND	95.0	75-125	7.00		20	
Lead	500	5.0	µg/L	500	ND	100	75-125	7.61		20	
Nickel	506	50	µg/L	500	ND	101	75-125	8.39		20	
Selenium	496	50	µg/L	500	ND	99.2	75-125	6.86		20	
Silver	391	2.0	µg/L	500	ND	78.2	75-125	3.89		20	
Thallium	478	2.0	µg/L	500	ND	95.5	75-125	8.10		20	
Vanadium	482	50	µg/L	500	ND	96.5	75-125	7.14		20	
Zinc	1210	100	µg/L	1000	ND	121	75-125	**26.0**	*	20	MS-24
Batch B265835 - SW-846 7470A Prep											
Blank (B265835-BLK1)				Prepared: 09/04/20 Analyzed: 09/08/20							
Mercury	ND	0.00010	mg/L								
LCS (B265835-BS1)				Prepared: 09/04/20 Analyzed: 09/08/20							
Mercury	0.00378	0.00010	mg/L	0.00400		94.6	80-120				
LCS Dup (B265835-BSD1)				Prepared: 09/04/20 Analyzed: 09/08/20							
Mercury	0.00377	0.00010	mg/L	0.00400		94.2	80-120	0.366		20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B265835 - SW-846 7470A Prep										
Matrix Spike (B265835-MS1)		**Source: 20I0158-10**		Prepared: 09/04/20 Analyzed: 09/08/20						
Mercury	0.00361	0.00010	mg/L	0.00400	ND	90.3	75-125			
Matrix Spike Dup (B265835-MSD1)		**Source: 20I0158-10**		Prepared: 09/04/20 Analyzed: 09/08/20						
Mercury	0.00362	0.00010	mg/L	0.00400	ND	90.4	75-125	0.0641	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-01	Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
M-09	The interference check sample was outside of control limits. Possibility of interference that may lead to a high bias for reported result.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
RL-03	Elevated reporting limit based on lowest point in calibration. Requested reporting limit not met.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.
V-35	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
MADEP EPH rev 2.1 in Water	
C9-C18 Aliphatics	CT,NC,ME,NH-P
C19-C36 Aliphatics	CT,NC,ME,NH-P
Unadjusted C11-C22 Aromatics	CT,NC,ME,NH-P
C11-C22 Aromatics	CT,NC,ME,NH-P
Acenaphthene	CT,NC,ME,NH-P
Acenaphthylene	CT,NC,ME,NH-P
Anthracene	CT,NC,ME,NH-P
Benzo(a)anthracene	CT,NC,ME,NH-P
Benzo(a)pyrene	CT,NC,ME,NH-P
Benzo(b)fluoranthene	CT,NC,ME,NH-P
Benzo(g,h,i)perylene	CT,NC,ME,NH-P
Benzo(k)fluoranthene	CT,NC,ME,NH-P
Chrysene	CT,NC,ME,NH-P
Dibenz(a,h)anthracene	CT,NC,ME,NH-P
Fluoranthene	CT,NC,ME,NH-P
Fluorene	CT,NC,ME
Indeno(1,2,3-cd)pyrene	CT,NC,ME,NH-P
2-Methylnaphthalene	CT,NC
Naphthalene	CT,NC,ME,NH-P
Phenanthrene	CT,NC,ME,NH-P
Pyrene	CT,NC,ME,NH-P
SW-846 6020B in Water	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,RI,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8260C-D in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NY
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromoethane (EDB)	NY
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	NH,NY,ME
o-Xylene	NH,NY,ME
SW-846 8270D-E in Water	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Aniline	CT,NY
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY
1,3-Dichlorobenzene	NY
1,4-Dichlorobenzene	NY
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D-E in Water	
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4,5-Tetrachlorobenzene	NY
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	10/1/2020

20I0158

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 1 of 2

Company Name: APEX COMPANIES
Address: 58H CONNECTICUT AVE SOUTH WINDSOR
Phone: 860-282-1700
Project Name: EVERSOURCE-WETHERSFIELD
Project Location: WETHERSFIELD, CT
Project Number: 6089-015A
Project Manager: DONNA KASK
Con-Test Quote Name/Number:
Invoice Recipient: APEX
Sampled By: M. LADNY + J. STANIEWICZ

Requested Turnaround Time: 7-Day ☐ 10-Day ☐ PFAS 10-Day (std) ☐ Due Date: 5 DAY
Rush Approval Required: 1-Day ☐ 3-Day ☐ 2-Day ☐ 4-Day ☐
Data Delivery: Format: PDF ☒ EXCEL ☐ Other: CLP Like Data Pkg Required: ☐ Email To: DKASK@APEXCOS.COM Fax To #:
Dissolved Metals Sample: ☒ Field Filtered ○ Lab to Filter
Orthophosphate Sample: ○ Field Filtered ○ Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	N: Total RSR Metals + Mercury	N: Dissolved CT RSR Metals	H: 8260	H: SVOC's (NEED SIMS)	H: EPH
1	AP-12R	8/31/20	0830	G	GW	U	3	1	2			✓		✓		✓
2	AP-101R		1050	G	GW	U	3	4	2			✓		✓	✓	✓
3	AP-3R		1250	G	GW	U	3	4	2			✓		✓	✓	✓
4	AP-6R		9:00	G	GW	U	3	4	2			✓		✓	✓	✓
5	AP-9R		1205	G	GW	U	3	4	2			✓		✓	✓	✓
6	DUP20200831	↓	—	G	GW	U	3		2			✓		✓	✓	✓
7	TB	—	—	G	O	C	2							✓		
8	AP-2R	9/1/20	0845	G	GW	U	3	4	2			✓		✓	✓	✓
9	AP-1R		0955	G	GW	U	3	2	2			✓		✓	✓	✓
10	AP-15R-BR		1240	G	GW	U	3	4	2			✓		✓	✓	✓

Relinquished by: (signature) [signature] Date/Time: 9/2/20 1140
Received by: (signature) [signature] 1140 Date/Time: 9-2-20
Relinquished by: (signature) 4.1, 5.1, 4.3 5.5 4.7 JMS Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Client Comments: HOLD DISSOLVED CT RSR METALS
QAQC - STANDARD & DQA

Detection Limit Requirements
MA:
CT: CT RSR GA
SWPC, RVC + I/C VC
Other:

Special Requirements
MA MCP Required ☐
MCP Certification Form Required ☐
CT RCP Required ☒
RCP Certification Form Required ☐
MA State DW Required ☐
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other ☐ Chromatogram ☐ AIHA-LAP,LLC

PCB ONLY ☐ Soxhlet ☐ Non Soxhlet

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

Courier Use Only
Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define) TPR

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[2] Preservation Code

Table of Contents

20I0158

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 2 of 2

Company Name: APEX
Address: 58H CONNECTICUT AVE SOUTH WINDSOR, CT
Phone: 860-282-1700
Project Name: EVERSOURCE - WETHERSFIELD
Project Location: WETHERSFIELD, CT
Project Number: 6089-015A
Project Manager: DONNA KASK
Con-Test Quote Name/Number:
Invoice Recipient: APEX
Sampled By: M. LADNY & J. STANLEWICZ

Requested Turnaround Time: 7-Day ☐ 10-Day ☐ PFAS 10-Day (std) ☐ Due Date: 5DAY
Results Approval Required: 1-Day ☐ 3-Day ☐ 2-Day ☐ 4-Day ☐
Data Delivery: Format: PDF ☒ EXCEL ☐ Other:
CLP Like Data Pkg Required: ☐
Email To: DKASK@APEXCOS.COM
Fax To #:
Dissolved Metals Sample: ☒ Field Filtered ○ Lab to Filter
Orthophosphate Sample: ○ Field Filtered ○ Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	N TOTAL RSR METALS & MERCURY	N DISSOLVED CT RSR METALS	H 8260	I SVOC's (WEED SIMS)	H EPH
~~11~~	AP-13R-BR	9/1/20	11.55	Grab	GW	U	3	4	2			✓		✓	✓	✓
~~12~~ 12	AP-4R	9/1/20	9:20	Grab	GW	U	3	3	2			✓		✓	✓	✓
~~13~~ 10	MS	↓	1240	G	GW	U	3	4	2			✓		✓	✓	✓
~~14~~ 10	MSD	↓	1240	G	GW	U	3	4	2			✓		✓	✓	✓
~~15~~ 13	Dup20200831	↓	—	G	GW	U		4							✓	✓
~~16~~ 14	TB	—	—	G	O	C	2							✓		
~~17~~ 15	AP-12R	9/2/20	0715	G	GW	U		1							✓	

Relinquished by: (signature) — Date/Time: 9/2/20 1140
Received by: (signature) — Date/Time: 9-2-20 1140
Relinquished by: (signature) 4.1.5.1.4.3.5.7.4.7 — Date/Time: JW
Received by: (signature) — Date/Time:
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:

Client Comments: HOLD DISSOLVED CT RSR METALS
QAQC - STANDARD + DQA

Detection Limit Requirements
MA:
CT: CT RSR GA SWPC, RVC + I/C VC
Other:

Special Requirements:
MA MCP Required ☐
MCP Certification Form Required ☐
CT RCP Required ☒
RCP Certification Form Required ☐
MA State DW Required ☐
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other ☐ Chromatogram ☐ AIHA-LAP,LLC

PCB ONLY ☐ Soxhlet ☐ Non Soxhlet

[2] Preservation Code
Grab/Comp Only
Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define) TB

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples JMS	con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client APEX Companies

Received By SA Date 9/2 Time 1140

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C 1 By Gun # 4 Actual Temp - 4.1, 5.1, 4.3, 5.5, 4.7
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? NA Were Samples Tampered with? NA
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F Who was notified? ____
Are there Rushes? F Who was notified? ____
Are there Short Holds? F Who was notified? ____
Is there enough Volume? T**
Is there Headspace where applicable? F MS/MSD? NT
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? T On COC? T
Do all samples have the proper pH? Acid T Base NA

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	47	1 Liter Plastic		16 oz Amb.	
HCL-	37	500 mL Amb.		500 mL Plastic	24	8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

Limited vol. for samples, AP-12R, AP-2R,

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Apex Companies, LLC - South Windsor, C

Project Location: Wethersfield ,CT

Project Number: 20I0158

Laboratory Sample ID(s):

20I0158-01 thru 20I0158-15

Sample Date(s):

08/31/2020,
09/01/2020

List RCP Methods Used:

MADEP EPH rev 2.1, SW-846 6020B, SW-846 7470A, SW-846 8260C-D, SW-846 8270D-E

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

Lisa A. Worthington

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Technical Representative**

Printed Name: **Lisa A. Worthington** **Date:** **09/11/20**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

November 24, 2020

Donna L. Kask
Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074

Project Location: 176 Cumberland Ave, Wethersfield, CT
Client Job Number:
Project Number: 6089-015
Laboratory Work Order Number: 20K0616

Enclosed are results of analyses for samples received by the laboratory on November 12, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
Project Manager

Table of Contents

Sample Summary 3
Case Narrative 4
Sample Results 7
20K0616-01 7
20K0616-02 14
20K0616-03 16
20K0616-04 22
20K0616-05 28
20K0616-06 34
Sample Preparation Information 40
QC Data 42
Volatile Organic Compounds by GC/MS 42
B270855 42
Semivolatile Organic Compounds by GC/MS 48
B271074 48
B271211 50
B271329 51
Petroleum Hydrocarbons Analyses - EPH 59
B271073 59
Metals Analyses (Total) 61
B270872 61
B270887 61
Flag/Qualifier Summary 63
Certifications 64
Chain of Custody/Sample Receipt 69

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074
ATTN: Donna L. Kask

REPORT DATE: 11/24/2020
PURCHASE ORDER NUMBER:
PROJECT NUMBER: 6089-015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20K0616

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 176 Cumberland Ave, Wethersfield, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
AP-15R-BR MS/MSD	20K0616-01	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
TB20201112	20K0616-02	Trip Blank Water		SW-846 8260C-D	
AP-13R-BR	20K0616-03	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-3R	20K0616-04	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-4R	20K0616-05	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
DUP	20K0616-06	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 8270E, only PAHs were requested and reported. Only a select list of PAHs was analyzed and reported in order to achieve lower detection limits than possible with EPH analysis.

REVISED 11/24/2020: SVOC results revised to report full CT RCP 8270 list

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C-D

Qualifications:

MS-15

Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.

Analyte & Samples(s) Qualified:

1,1,2-Trichloro-1,2,2-trifluoroethan
20K0616-01[AP-15R-BR MS/MSD], B270855-MS1, B270855-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Chloroethane
B270855-MSD1

Dichlorodifluoromethane (Freon 1
B270855-MSD1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane
B270855-BS1, B270855-MS1, B270855-MSD1, S054504-CCV1

Chloromethane
B270855-BS1, B270855-MS1, B270855-MSD1, S054504-CCV1

SW-846 8270D-E

Qualifications:

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

3,3-Dichlorobenzidine
20K0616-01[AP-15R-BR MS/MSD], B271329-MS1, B271329-MSD1

Pyridine
20K0616-01[AP-15R-BR MS/MSD], B271329-MS1, B271329-MSD1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Pyridine
20K0616-01[AP-15R-BR MS/MSD], 20K0616-03[AP-13R-BR], 20K0616-04[AP-3R], 20K0616-05[AP-4R], 20K0616-06[DUP], B271329-BLK1, B271329-BS1, B271329-BSD1

RL-03

Elevated reporting limit based on lowest point in calibration.
Requested reporting limit not met.

Analyte & Samples(s) Qualified:

Hexachlorobenzene
20K0616-01[AP-15R-BR MS/MSD], 20K0616-03[AP-13R-BR], 20K0616-04[AP-3R], 20K0616-05[AP-4R], 20K0616-06[DUP], B271329-BLK1

Pentachloronitrobenzene
20K0616-01[AP-15R-BR MS/MSD], 20K0616-03[AP-13R-BR], 20K0616-04[AP-3R], 20K0616-05[AP-4R], 20K0616-06[DUP], B271329-BLK1

V-34

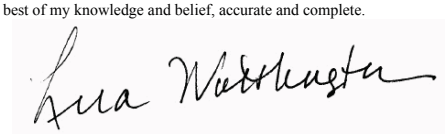
Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

4-Chloroaniline
20K0616-01[AP-15R-BR MS/MSD], 20K0616-03[AP-13R-BR], 20K0616-04[AP-3R], 20K0616-05[AP-4R], 20K0616-06[DUP], B271329-BLK1, B271329-BS1, B271329-BSD1, B271329-MS1, B271329-MSD1, S054792-CCV1

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-15R-BR MS/MSD Sampled: 11/12/2020 09:35

Sample ID: 20K0616-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Chloroform	0.65	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-15R-BR MS/MSD Sampled: 11/12/2020 09:35

Sample ID: 20K0616-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1	MS-15	SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:41	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		11/14/20 2:41
Toluene-d8	104	70-130		11/14/20 2:41
4-Bromofluorobenzene	101	70-130		11/14/20 2:41

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-15R-BR MS/MSD Sampled: 11/12/2020 09:35

Sample ID: 20K0616-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Acenaphthene (SIM)	ND	0.30	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Acenaphthylene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 6:52	RMW
Aniline	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Anthracene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Benzo(a)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 6:52	RMW
Benzo(a)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 6:52	RMW
Benzo(b)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 6:52	RMW
Benzo(g,h,i)perylene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.50	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 6:52	RMW
Benzo(k)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 6:52	RMW
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Chrysene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Chrysene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 6:52	RMW
Dibenz(a,h)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 6:52	RMW
Dibenzofuran	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1	MS-09	SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-15R-BR MS/MSD Sampled: 11/12/2020 09:35

Sample ID: 20K0616-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Fluoranthene (SIM)	ND	0.50	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Fluorene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Fluorene (SIM)	ND	1.0	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Hexachlorobenzene	ND	2.1	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Hexachloroethane	ND	2.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Indeno(1,2,3-cd)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 6:52	RMW
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
2-Methylnaphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
2-Methylnaphthalene (SIM)	ND	1.0	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Naphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Naphthalene (SIM)	ND	1.0	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Pentachloronitrobenzene	ND	5.2	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Phenanthrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 6:52	RMW
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Phenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
Pyrene (SIM)	ND	1.0	µg/L	1		SW-846 8270D-E	11/17/20	11/18/20 23:49	RMW
Pyridine	ND	5.2	µg/L	1	MS-09, R-05	SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-15R-BR MS/MSD Sampled: 11/12/2020 09:35

Sample ID: 20K0616-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
1,2,4-Trichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:34	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	47.2	15-110		11/24/20 10:34
Phenol-d6	34.0	15-110		11/24/20 10:34
Nitrobenzene-d5	75.5	30-130		11/24/20 10:34
Nitrobenzene-d5	73.4	30-130		11/18/20 23:49
2-Fluorobiphenyl	59.4	30-130		11/18/20 23:49
2-Fluorobiphenyl	80.3	30-130		11/24/20 10:34
2,4,6-Tribromophenol	94.4	15-110		11/24/20 10:34
p-Terphenyl-d14	90.6	30-130		11/24/20 10:34
p-Terphenyl-d14	52.4	30-130		11/18/20 23:49
o-Terphenyl (OTP)	50.8	30-130		11/19/20 6:52

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-15R-BR MS/MSD Sampled: 11/12/2020 09:35

Sample ID: 20K0616-01

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 17:31	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 17:31	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 17:31	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 17:31	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 17:31	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 17:31	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 17:31	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 17:31	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 17:31	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 17:31	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 17:31	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	63.4	40-140		11/18/20 17:31
o-Terphenyl (OTP)	61.7	40-140		11/18/20 17:31
2-Bromonaphthalene	91.8	40-140		11/18/20 17:31
2-Fluorobiphenyl	94.9	40-140		11/18/20 17:31

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-15R-BR MS/MSD Sampled: 11/12/2020 09:35

Sample ID: 20K0616-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH
Arsenic	3.7	0.80		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH
Barium	200	10		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH
Cadmium	ND	0.20	0.038	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH
Chromium	1.3	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH
Copper	4.3	1.0	0.87	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH
Lead	ND	0.50		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	11/13/20	11/13/20 16:05	AJL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH
Selenium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH
Silver	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH
Thallium	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH
Zinc	120	10	2.3	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:07	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: TB20201112 Sampled: 11/12/2020 08:00

Sample ID: 20K0616-02

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: TB20201112 Sampled: 11/12/2020 08:00

Sample ID: 20K0616-02

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 2:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		11/14/20 2:14
Toluene-d8	100	70-130		11/14/20 2:14
4-Bromofluorobenzene	101	70-130		11/14/20 2:14

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-13R-BR Sampled: 11/12/2020 13:25

Sample ID: 20K0616-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-13R-BR Sampled: 11/12/2020 13:25

Sample ID: 20K0616-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:07	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		11/14/20 3:07
Toluene-d8	102	70-130		11/14/20 3:07
4-Bromofluorobenzene	95.9	70-130		11/14/20 3:07

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-13R-BR Sampled: 11/12/2020 13:25

Sample ID: 20K0616-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Acenaphthylene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:21	RMW
Aniline	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Benzo(a)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:21	RMW
Benzo(a)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:21	RMW
Benzo(b)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:21	RMW
Benzo(g,h,i)perylene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:21	RMW
Benzo(k)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:21	RMW
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Chrysene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:21	RMW
Dibenz(a,h)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:21	RMW
Dibenzofuran	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-13R-BR Sampled: 11/12/2020 13:25

Sample ID: 20K0616-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Hexachlorobenzene	ND	2.1	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Hexachloroethane	ND	2.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Indeno(1,2,3-cd)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:21	RMW
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
2-Methylnaphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Naphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Pentachloronitrobenzene	ND	5.2	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Phenanthrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:21	RMW
Phenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
Pyridine	ND	5.2	µg/L	1	R-05	SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
1,2,4-Trichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 10:57	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
2-Fluorophenol	36.3	15-110		11/24/20 10:57	
Phenol-d6	26.2	15-110		11/24/20 10:57	
Nitrobenzene-d5	60.7	30-130		11/24/20 10:57	
2-Fluorobiphenyl	70.1	30-130		11/24/20 10:57	
2,4,6-Tribromophenol	98.2	15-110		11/24/20 10:57	
p-Terphenyl-d14	103	30-130		11/24/20 10:57	
o-Terphenyl (OTP)	58.2	30-130		11/19/20 7:21	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-13R-BR Sampled: 11/12/2020 13:25

Sample ID: 20K0616-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:28	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:28	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:28	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:28	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:28	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:28	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:28	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:28	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:28	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:28	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:28	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	71.2	40-140		11/18/20 18:28
o-Terphenyl (OTP)	72.9	40-140		11/18/20 18:28
2-Bromonaphthalene	95.5	40-140		11/18/20 18:28
2-Fluorobiphenyl	98.9	40-140		11/18/20 18:28

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-13R-BR Sampled: 11/12/2020 13:25

Sample ID: 20K0616-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:27	MJH
Arsenic	2.1	0.80		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:27	MJH
Barium	180	10		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:27	MJH
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:27	MJH
Cadmium	ND	0.20	0.038	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:27	MJH
Chromium	1.9	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:27	MJH
Copper	3.4	1.0	0.87	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:27	MJH
Lead	ND	0.50		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:06	MJH
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	11/13/20	11/13/20 16:12	AJL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:27	MJH
Selenium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:27	MJH
Silver	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:27	MJH
Thallium	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:06	MJH
Vanadium	5.8	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:27	MJH
Zinc	3.6	10	2.3	µg/L	1	J	SW-846 6020B	11/13/20	11/15/20 18:27	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-3R Sampled: 11/12/2020 09:35

Sample ID: 20K0616-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-3R Sampled: 11/12/2020 09:35

Sample ID: 20K0616-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 3:33	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		11/14/20 3:33
Toluene-d8	109	70-130		11/14/20 3:33
4-Bromofluorobenzene	100	70-130		11/14/20 3:33

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-3R Sampled: 11/12/2020 09:35

Sample ID: 20K0616-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:49	RMW
Aniline	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Benzo(a)anthracene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:49	RMW
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Benzo(a)pyrene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:49	RMW
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Benzo(b)fluoranthene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:49	RMW
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:49	RMW
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:49	RMW
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Chrysene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Chrysene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:49	RMW
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:49	RMW
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-3R Sampled: 11/12/2020 09:35

Sample ID: 20K0616-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:49	RMW
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Pentachloronitrobenzene	ND	5.1	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Phenanthrene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 7:49	RMW
Phenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
Pyridine	ND	5.1	µg/L	1	R-05	SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:20	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	31.3	15-110		11/24/20 11:20
Phenol-d6	22.7	15-110		11/24/20 11:20
Nitrobenzene-d5	63.5	30-130		11/24/20 11:20
2-Fluorobiphenyl	76.3	30-130		11/24/20 11:20
2,4,6-Tribromophenol	96.2	15-110		11/24/20 11:20
p-Terphenyl-d14	98.6	30-130		11/24/20 11:20
o-Terphenyl (OTP)	66.5	30-130		11/19/20 7:49

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-3R Sampled: 11/12/2020 09:35

Sample ID: 20K0616-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	98	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:47	RDD
C19-C36 Aliphatics	ND	98	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:47	RDD
Unadjusted C11-C22 Aromatics	ND	98	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:47	RDD
C11-C22 Aromatics	ND	98	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:47	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:47	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:47	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:47	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:47	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:47	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:47	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 18:47	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	72.2	40-140		11/18/20 18:47
o-Terphenyl (OTP)	85.6	40-140		11/18/20 18:47
2-Bromonaphthalene	93.5	40-140		11/18/20 18:47
2-Fluorobiphenyl	99.0	40-140		11/18/20 18:47

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-3R Sampled: 11/12/2020 09:35

Sample ID: 20K0616-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:30	MJH
Arsenic	1.3	0.80		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:30	MJH
Barium	80	10		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:30	MJH
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:30	MJH
Cadmium	0.94	0.20	0.038	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:30	MJH
Chromium	3.4	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:30	MJH
Copper	5.9	1.0	0.87	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:30	MJH
Lead	1.8	0.50		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:09	MJH
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	11/13/20	11/13/20 16:17	AJL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:30	MJH
Selenium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:30	MJH
Silver	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:30	MJH
Thallium	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:09	MJH
Vanadium	6.6	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:30	MJH
Zinc	62	10	2.3	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:30	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-4R Sampled: 11/12/2020 12:50

Sample ID: 20K0616-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-4R Sampled: 11/12/2020 12:50

Sample ID: 20K0616-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:00	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		11/14/20 4:00
Toluene-d8	110	70-130		11/14/20 4:00
4-Bromofluorobenzene	95.1	70-130		11/14/20 4:00

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-4R Sampled: 11/12/2020 12:50

Sample ID: 20K0616-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:17	RMW
Aniline	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Benzo(a)anthracene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:17	RMW
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Benzo(a)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:17	RMW
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Benzo(b)fluoranthene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:17	RMW
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:17	RMW
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:17	RMW
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Chrysene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Chrysene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:17	RMW
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:17	RMW
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-4R Sampled: 11/12/2020 12:50

Sample ID: 20K0616-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:17	RMW
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Naphthalene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Pentachloronitrobenzene	ND	5.1	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Phenanthrene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:17	RMW
Phenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Pyrene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
Pyridine	ND	5.1	µg/L	1	R-05	SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
1,2,4-Trichlorobenzene	ND	5.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 11:41	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
2-Fluorophenol	38.2	15-110		11/24/20 11:41	
Phenol-d6	25.5	15-110		11/24/20 11:41	
Nitrobenzene-d5	80.7	30-130		11/24/20 11:41	
2-Fluorobiphenyl	87.6	30-130		11/24/20 11:41	
2,4,6-Tribromophenol	97.0	15-110		11/24/20 11:41	
p-Terphenyl-d14	89.8	30-130		11/24/20 11:41	
o-Terphenyl (OTP)	48.8	30-130		11/19/20 8:17	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-4R Sampled: 11/12/2020 12:50

Sample ID: 20K0616-05

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	99	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:06	RDD
C19-C36 Aliphatics	ND	99	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:06	RDD
Unadjusted C11-C22 Aromatics	ND	99	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:06	RDD
C11-C22 Aromatics	ND	99	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:06	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:06	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:06	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:06	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:06	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:06	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:06	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:06	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	58.4	40-140		11/18/20 19:06
o-Terphenyl (OTP)	60.7	40-140		11/18/20 19:06
2-Bromonaphthalene	91.0	40-140		11/18/20 19:06
2-Fluorobiphenyl	93.9	40-140		11/18/20 19:06

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: AP-4R Sampled: 11/12/2020 12:50

Sample ID: 20K0616-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:33	MJH
Arsenic	ND	0.80		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:33	MJH
Barium	63	10		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:33	MJH
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:33	MJH
Cadmium	ND	0.20	0.038	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:33	MJH
Chromium	2.9	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:33	MJH
Copper	3.0	1.0	0.87	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:33	MJH
Lead	ND	0.50		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:11	MJH
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	11/13/20	11/13/20 16:19	AJL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:33	MJH
Selenium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:33	MJH
Silver	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:33	MJH
Thallium	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:11	MJH
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:33	MJH
Zinc	ND	10	2.3	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:33	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: DUP Sampled: 11/12/2020 00:00

Sample ID: 20K0616-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: DUP Sampled: 11/12/2020 00:00

Sample ID: 20K0616-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:26	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		11/14/20 4:26
Toluene-d8	101	70-130		11/14/20 4:26
4-Bromofluorobenzene	92.0	70-130		11/14/20 4:26

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: DUP Sampled: 11/12/2020 00:00

Sample ID: 20K0616-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Acenaphthylene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:46	RMW
Aniline	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Benzo(a)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:46	RMW
Benzo(a)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Benzo(a)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:46	RMW
Benzo(b)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:46	RMW
Benzo(g,h,i)perylene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:46	RMW
Benzo(k)fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:46	RMW
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Chrysene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Chrysene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:46	RMW
Dibenz(a,h)anthracene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:46	RMW
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Fluoranthene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: DUP Sampled: 11/12/2020 00:00

Sample ID: 20K0616-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Hexachlorobenzene	ND	2.0	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:46	RMW
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
2-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Naphthalene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Pentachloronitrobenzene	ND	5.0	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Phenanthrene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 8:46	RMW
Phenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Pyrene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
Pyridine	ND	5.0	µg/L	1	R-05	SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:04	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	34.4	15-110		11/24/20 12:04
Phenol-d6	23.7	15-110		11/24/20 12:04
Nitrobenzene-d5	70.8	30-130		11/24/20 12:04
2-Fluorobiphenyl	80.8	30-130		11/24/20 12:04
2,4,6-Tribromophenol	95.4	15-110		11/24/20 12:04
p-Terphenyl-d14	85.9	30-130		11/24/20 12:04
o-Terphenyl (OTP)	56.6	30-130		11/19/20 8:46

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: DUP Sampled: 11/12/2020 00:00

Sample ID: 20K0616-06

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	99	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:25	RDD
C19-C36 Aliphatics	ND	99	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:25	RDD
Unadjusted C11-C22 Aromatics	ND	99	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:25	RDD
C11-C22 Aromatics	ND	99	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:25	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:25	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:25	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:25	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:25	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:25	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:25	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:25	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	61.8	40-140		11/18/20 19:25
o-Terphenyl (OTP)	71.5	40-140		11/18/20 19:25
2-Bromonaphthalene	92.7	40-140		11/18/20 19:25
2-Fluorobiphenyl	96.0	40-140		11/18/20 19:25

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 176 Cumberland Ave, Wethersfiel Sample Description: Work Order: 20K0616

Date Received: 11/12/2020

Field Sample #: DUP Sampled: 11/12/2020 00:00

Sample ID: 20K0616-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:36	MJH
Arsenic	ND	0.80		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:36	MJH
Barium	84	10		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:36	MJH
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:36	MJH
Cadmium	0.14	0.20	0.038	µg/L	1	J	SW-846 6020B	11/13/20	11/15/20 18:36	MJH
Chromium	4.3	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:36	MJH
Copper	5.7	1.0	0.87	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:36	MJH
Lead	1.9	0.50		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:14	MJH
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	11/13/20	11/13/20 16:21	AJL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:36	MJH
Selenium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:36	MJH
Silver	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:36	MJH
Thallium	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:14	MJH
Vanadium	7.8	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:36	MJH
Zinc	63	10	2.3	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:36	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3510C **Analytical Method: MADEP EPH rev 2.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20K0616-01 [AP-15R-BR MS/MSD]	B271073	1000	2.00	11/17/20
20K0616-03 [AP-13R-BR]	B271073	1000	2.00	11/17/20
20K0616-04 [AP-3R]	B271073	1020	2.00	11/17/20
20K0616-05 [AP-4R]	B271073	1020	2.00	11/17/20
20K0616-06 [DUP]	B271073	1010	2.00	11/17/20

Prep Method: SW-846 3005A **Analytical Method: SW-846 6020B**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20K0616-01 [AP-15R-BR MS/MSD]	B270887	50.0	50.0	11/13/20
20K0616-03 [AP-13R-BR]	B270887	50.0	50.0	11/13/20
20K0616-04 [AP-3R]	B270887	50.0	50.0	11/13/20
20K0616-05 [AP-4R]	B270887	50.0	50.0	11/13/20
20K0616-06 [DUP]	B270887	50.0	50.0	11/13/20

Prep Method: SW-846 7470A Prep **Analytical Method: SW-846 7470A**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20K0616-01 [AP-15R-BR MS/MSD]	B270872	6.00	6.00	11/13/20
20K0616-03 [AP-13R-BR]	B270872	6.00	6.00	11/13/20
20K0616-04 [AP-3R]	B270872	6.00	6.00	11/13/20
20K0616-05 [AP-4R]	B270872	6.00	6.00	11/13/20
20K0616-06 [DUP]	B270872	6.00	6.00	11/13/20

Prep Method: SW-846 5030B **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20K0616-01 [AP-15R-BR MS/MSD]	B270855	5	5.00	11/13/20
20K0616-02 [TB20201112]	B270855	5	5.00	11/13/20
20K0616-03 [AP-13R-BR]	B270855	5	5.00	11/13/20
20K0616-04 [AP-3R]	B270855	5	5.00	11/13/20
20K0616-05 [AP-4R]	B270855	5	5.00	11/13/20
20K0616-06 [DUP]	B270855	5	5.00	11/13/20

Prep Method: SW-846 3510C **Analytical Method: SW-846 8270D-E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20K0616-01 [AP-15R-BR MS/MSD]	B271074	1000	1.00	11/17/20

Prep Method: SW-846 3510C **Analytical Method: SW-846 8270D-E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20K0616-01 [AP-15R-BR MS/MSD]	B271211	1000	1.00	11/17/20
20K0616-03 [AP-13R-BR]	B271211	1000	1.00	11/17/20
20K0616-04 [AP-3R]	B271211	1020	1.00	11/17/20
20K0616-05 [AP-4R]	B271211	1020	1.00	11/17/20
20K0616-06 [DUP]	B271211	1010	1.00	11/17/20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3510C **Analytical Method: SW-846 8270D-E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20K0616-01 [AP-15R-BR MS/MSD]	B271329	970	1.00	11/19/20
20K0616-03 [AP-13R-BR]	B271329	960	1.00	11/19/20
20K0616-04 [AP-3R]	B271329	980	1.00	11/19/20
20K0616-05 [AP-4R]	B271329	990	1.00	11/19/20
20K0616-06 [DUP]	B271329	1000	1.00	11/19/20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B270855 - SW-846 5030B										
Blank (B270855-BLK1)				Prepared: 11/13/20 Analyzed: 11/14/20						
Acetone	ND	10	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	0.50	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	5.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	0.60	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	0.50	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	5.0	µg/L							
Isopropylbenzene (Cumene)	ND	0.50	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B270855 - SW-846 5030B										
Blank (B270855-BLK1)				Prepared: 11/13/20 Analyzed: 11/14/20						
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	1.0	µg/L							
1,2,4-Trichlorobenzene	ND	0.50	µg/L							
1,1,1-Trichloroethane	ND	0.50	µg/L							
1,1,2-Trichloroethane	ND	0.50	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	0.50	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L							
1,2,4-Trimethylbenzene	ND	0.50	µg/L							
1,3,5-Trimethylbenzene	ND	0.50	µg/L							
Vinyl Chloride	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*26.2*		µg/L	25.0		105	70-130			
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.2	70-130			
LCS (B270855-BS1)				Prepared: 11/13/20 Analyzed: 11/14/20						
Acetone	90.3	10	µg/L	100		90.3	40-160			
Acrylonitrile	8.89	2.0	µg/L	10.0		88.9	70-130			
Benzene	10.6	0.50	µg/L	10.0		106	70-130			
Bromobenzene	10.3	0.50	µg/L	10.0		103	70-130			
Bromodichloromethane	10.5	0.50	µg/L	10.0		105	70-130			
Bromoform	9.02	0.50	µg/L	10.0		90.2	70-130			
Bromomethane	12.2	2.0	µg/L	10.0		122	40-160			V-20
2-Butanone (MEK)	94.1	5.0	µg/L	100		94.1	40-160			
n-Butylbenzene	9.91	1.0	µg/L	10.0		99.1	70-130			
sec-Butylbenzene	9.92	1.0	µg/L	10.0		99.2	70-130			
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
Carbon Disulfide	98.8	5.0	µg/L	100		98.8	70-130			
Carbon Tetrachloride	10.1	0.50	µg/L	10.0		101	70-130			
Chlorobenzene	9.85	0.50	µg/L	10.0		98.5	70-130			
Chlorodibromomethane	10.2	0.50	µg/L	10.0		102	40-160			
Chloroethane	11.1	0.50	µg/L	10.0		111	70-130			
Chloroform	10.7	0.50	µg/L	10.0		107	70-130			
Chloromethane	13.8	0.60	µg/L	10.0		138	40-160			V-20
2-Chlorotoluene	9.65	0.50	µg/L	10.0		96.5	70-130			
4-Chlorotoluene	9.62	0.50	µg/L	10.0		96.2	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.90	1.0	µg/L	10.0		89.0	70-130			
1,2-Dibromoethane (EDB)	11.4	0.50	µg/L	10.0		114	70-130			
Dibromomethane	10.5	0.50	µg/L	10.0		105	70-130			
1,2-Dichlorobenzene	10.2	0.50	µg/L	10.0		102	70-130			
1,3-Dichlorobenzene	10.2	0.50	µg/L	10.0		102	70-130			
1,4-Dichlorobenzene	9.57	0.50	µg/L	10.0		95.7	70-130			
trans-1,4-Dichloro-2-butene	8.37	2.0	µg/L	10.0		83.7	70-130			
Dichlorodifluoromethane (Freon 12)	10.5	0.50	µg/L	10.0		105	40-160			
1,1-Dichloroethane	10.3	0.50	µg/L	10.0		103	70-130			
1,2-Dichloroethane	10.4	0.50	µg/L	10.0		104	70-130			
1,1-Dichloroethylene	11.4	0.50	µg/L	10.0		114	70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B270855 - SW-846 5030B										
LCS (B270855-BS1)				Prepared: 11/13/20 Analyzed: 11/14/20						
cis-1,2-Dichloroethylene	10.4	0.50	µg/L	10.0		104	70-130			
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130			
1,2-Dichloropropane	11.3	0.50	µg/L	10.0		113	70-130			
1,3-Dichloropropane	11.3	0.50	µg/L	10.0		113	70-130			
2,2-Dichloropropane	8.61	0.50	µg/L	10.0		86.1	70-130			
1,1-Dichloropropene	11.0	0.50	µg/L	10.0		110	70-130			
cis-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130			
trans-1,3-Dichloropropene	9.75	0.50	µg/L	10.0		97.5	70-130			
Ethylbenzene	9.79	0.50	µg/L	10.0		97.9	70-130			
Hexachlorobutadiene	9.73	0.60	µg/L	10.0		97.3	40-160			
2-Hexanone (MBK)	98.4	5.0	µg/L	100		98.4	70-130			
Isopropylbenzene (Cumene)	9.68	0.50	µg/L	10.0		96.8	70-130			
p-Isopropyltoluene (p-Cymene)	9.71	0.50	µg/L	10.0		97.1	70-130			
Methyl tert-Butyl Ether (MTBE)	9.33	0.50	µg/L	10.0		93.3	70-130			
Methylene Chloride	10.9	5.0	µg/L	10.0		109	70-130			
4-Methyl-2-pentanone (MIBK)	101	5.0	µg/L	100		101	40-160			
Naphthalene	8.94	2.0	µg/L	10.0		89.4	70-130			
n-Propylbenzene	9.86	1.0	µg/L	10.0		98.6	70-130			
Styrene	10.4	1.0	µg/L	10.0		104	70-130			
1,1,1,2-Tetrachloroethane	10.8	0.50	µg/L	10.0		108	70-130			
1,1,2,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110	70-130			
Tetrachloroethylene	10.6	1.0	µg/L	10.0		106	70-130			
Tetrahydrofuran	9.95	10	µg/L	10.0		99.5	70-130			
Toluene	10.6	1.0	µg/L	10.0		106	70-130			
1,2,3-Trichlorobenzene	8.84	1.0	µg/L	10.0		88.4	70-130			
1,2,4-Trichlorobenzene	9.21	0.50	µg/L	10.0		92.1	70-130			
1,1,1-Trichloroethane	10.2	0.50	µg/L	10.0		102	70-130			
1,1,2-Trichloroethane	10.9	0.50	µg/L	10.0		109	70-130			
Trichloroethylene	11.4	1.0	µg/L	10.0		114	70-130			
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.0		107	40-160			
1,2,3-Trichloropropane	9.02	0.50	µg/L	10.0		90.2	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0	0.50	µg/L	10.0		110	70-130			
1,2,4-Trimethylbenzene	10.0	0.50	µg/L	10.0		100	70-130			
1,3,5-Trimethylbenzene	9.65	0.50	µg/L	10.0		96.5	70-130			
Vinyl Chloride	12.2	1.0	µg/L	10.0		122	70-130			
m+p Xylene	20.3	2.0	µg/L	20.0		102	70-130			
o-Xylene	10.1	1.0	µg/L	10.0		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	*26.6*		µg/L	25.0		106	70-130			
Surrogate: Toluene-d8	*26.3*		µg/L	25.0		105	70-130			
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.6	70-130			
Matrix Spike (B270855-MS1)	**Source: 20K0616-01**			Prepared: 11/13/20 Analyzed: 11/14/20						
Acetone	97.2	10	µg/L	100	ND	97.2	70-130			
Acrylonitrile	9.26	2.0	µg/L	10.0	ND	92.6	70-130			
Benzene	11.1	0.50	µg/L	10.0	ND	111	70-130			
Bromobenzene	10.4	0.50	µg/L	10.0	ND	104	70-130			
Bromodichloromethane	10.6	0.50	µg/L	10.0	ND	106	70-130			
Bromoform	9.60	0.50	µg/L	10.0	ND	96.0	70-130			
Bromomethane	10.3	2.0	µg/L	10.0	ND	103	70-130			V-20
2-Butanone (MEK)	95.5	5.0	µg/L	100	ND	95.5	70-130			
n-Butylbenzene	10.7	1.0	µg/L	10.0	ND	107	70-130			
sec-Butylbenzene	11.5	1.0	µg/L	10.0	ND	115	70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B270855 - SW-846 5030B										
Matrix Spike (B270855-MS1)	**Source: 20K0616-01**			Prepared: 11/13/20 Analyzed: 11/14/20						
tert-Butylbenzene	11.1	1.0	µg/L	10.0	ND	111	70-130			
Carbon Disulfide	9.90	5.0	µg/L	10.0	ND	99.0	70-130			
Carbon Tetrachloride	11.0	0.50	µg/L	10.0	ND	110	70-130			
Chlorobenzene	10.9	0.50	µg/L	10.0	ND	109	70-130			
Chlorodibromomethane	10.1	0.50	µg/L	10.0	ND	101	70-130			
Chloroethane	12.8	0.50	µg/L	10.0	ND	128	70-130			
Chloroform	11.8	0.50	µg/L	10.0	0.650	111	70-130			
Chloromethane	12.0	0.60	µg/L	10.0	ND	120	70-130			V-20
2-Chlorotoluene	10.4	0.50	µg/L	10.0	ND	104	70-130			
4-Chlorotoluene	10.6	0.50	µg/L	10.0	ND	106	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.83	1.0	µg/L	10.0	ND	98.3	70-130			
1,2-Dibromoethane (EDB)	10.1	0.50	µg/L	10.0	ND	101	70-130			
Dibromomethane	10.4	0.50	µg/L	10.0	ND	104	70-130			
1,2-Dichlorobenzene	10.9	0.50	µg/L	10.0	ND	109	70-130			
1,3-Dichlorobenzene	11.5	0.50	µg/L	10.0	ND	115	70-130			
1,4-Dichlorobenzene	10.5	0.50	µg/L	10.0	ND	105	70-130			
trans-1,4-Dichloro-2-butene	8.18	2.0	µg/L	10.0	ND	81.8	70-130			
Dichlorodifluoromethane (Freon 12)	13.0	0.50	µg/L	10.0	ND	130	70-130			
1,1-Dichloroethane	11.3	0.50	µg/L	10.0	ND	113	70-130			
1,2-Dichloroethane	10.4	0.50	µg/L	10.0	ND	104	70-130			
1,1-Dichloroethylene	11.6	0.50	µg/L	10.0	ND	116	70-130			
cis-1,2-Dichloroethylene	10.9	0.50	µg/L	10.0	ND	109	70-130			
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0	ND	107	70-130			
1,2-Dichloropropane	10.8	0.50	µg/L	10.0	ND	108	70-130			
1,3-Dichloropropane	10.2	0.50	µg/L	10.0	ND	102	70-130			
2,2-Dichloropropane	7.11	0.50	µg/L	10.0	ND	71.1	70-130			
1,1-Dichloropropene	10.5	0.50	µg/L	10.0	ND	105	70-130			
cis-1,3-Dichloropropene	9.72	0.50	µg/L	10.0	ND	97.2	70-130			
trans-1,3-Dichloropropene	9.42	0.50	µg/L	10.0	ND	94.2	70-130			
Ethylbenzene	10.6	0.50	µg/L	10.0	ND	106	70-130			
Hexachlorobutadiene	9.91	0.60	µg/L	10.0	ND	99.1	70-130			
2-Hexanone (MBK)	91.4	5.0	µg/L	100	ND	91.4	70-130			
Isopropylbenzene (Cumene)	10.7	0.50	µg/L	10.0	ND	107	70-130			
p-Isopropyltoluene (p-Cymene)	10.9	0.50	µg/L	10.0	ND	109	70-130			
Methyl tert-Butyl Ether (MTBE)	9.83	0.50	µg/L	10.0	ND	98.3	70-130			
Methylene Chloride	11.3	5.0	µg/L	10.0	ND	113	70-130			
4-Methyl-2-pentanone (MIBK)	96.0	5.0	µg/L	100	ND	96.0	70-130			
Naphthalene	7.91	2.0	µg/L	10.0	ND	79.1	70-130			
n-Propylbenzene	10.4	1.0	µg/L	10.0	ND	104	70-130			
Styrene	10.2	1.0	µg/L	10.0	ND	102	70-130			
1,1,1,2-Tetrachloroethane	10.7	0.50	µg/L	10.0	ND	107	70-130			
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.0	ND	108	70-130			
Tetrachloroethylene	10.5	1.0	µg/L	10.0	ND	105	70-130			
Tetrahydrofuran	10.7	10	µg/L	10.0	ND	107	70-130			
Toluene	10.6	1.0	µg/L	10.0	ND	106	70-130			
1,2,3-Trichlorobenzene	8.51	1.0	µg/L	10.0	ND	85.1	70-130			
1,2,4-Trichlorobenzene	9.06	0.50	µg/L	10.0	ND	90.6	70-130			
1,1,1-Trichloroethane	11.0	0.50	µg/L	10.0	ND	110	70-130			
1,1,2-Trichloroethane	11.1	0.50	µg/L	10.0	ND	111	70-130			
Trichloroethylene	11.2	1.0	µg/L	10.0	ND	112	70-130			
Trichlorofluoromethane (Freon 11)	11.1	2.0	µg/L	10.0	ND	111	70-130			
1,2,3-Trichloropropane	9.72	0.50	µg/L	10.0	ND	97.2	70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B270855 - SW-846 5030B											
Matrix Spike (B270855-MS1)	**Source: 20K0616-01**			Prepared: 11/13/20 Analyzed: 11/14/20							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.1	0.50	µg/L	10.0	ND	**131**	*	70-130			MS-15
1,2,4-Trimethylbenzene	10.7	0.50	µg/L	10.0	ND	107		70-130			
1,3,5-Trimethylbenzene	10.2	0.50	µg/L	10.0	ND	102		70-130			
Vinyl Chloride	11.4	1.0	µg/L	10.0	ND	114		70-130			
m+p Xylene	21.0	2.0	µg/L	20.0	ND	105		70-130			
o-Xylene	10.8	1.0	µg/L	10.0	ND	108		70-130			
Surrogate: 1,2-Dichloroethane-d4	*25.6*		µg/L	25.0		103		70-130			
Surrogate: Toluene-d8	*24.6*		µg/L	25.0		98.4		70-130			
Surrogate: 4-Bromofluorobenzene	*24.1*		µg/L	25.0		96.5		70-130			
Matrix Spike Dup (B270855-MSD1)	**Source: 20K0616-01**			Prepared: 11/13/20 Analyzed: 11/14/20							
Acetone	103	10	µg/L	100	ND	103		70-130	5.70	30	
Acrylonitrile	10.1	2.0	µg/L	10.0	ND	101		70-130	8.58	30	
Benzene	11.6	0.50	µg/L	10.0	ND	116		70-130	4.22	30	
Bromobenzene	10.9	0.50	µg/L	10.0	ND	109		70-130	4.90	30	
Bromodichloromethane	11.3	0.50	µg/L	10.0	ND	113		70-130	6.32	30	
Bromoform	9.88	0.50	µg/L	10.0	ND	98.8		70-130	2.87	30	
Bromomethane	10.8	2.0	µg/L	10.0	ND	108		70-130	4.73	30	V-20
2-Butanone (MEK)	101	5.0	µg/L	100	ND	101		70-130	5.93	30	
n-Butylbenzene	10.8	1.0	µg/L	10.0	ND	108		70-130	1.02	30	
sec-Butylbenzene	11.1	1.0	µg/L	10.0	ND	111		70-130	3.54	30	
tert-Butylbenzene	10.8	1.0	µg/L	10.0	ND	108		70-130	2.56	30	
Carbon Disulfide	10.0	5.0	µg/L	10.0	ND	100		70-130	1.30	30	
Carbon Tetrachloride	11.1	0.50	µg/L	10.0	ND	111		70-130	0.902	30	
Chlorobenzene	11.2	0.50	µg/L	10.0	ND	112		70-130	3.08	30	
Chlorodibromomethane	10.8	0.50	µg/L	10.0	ND	108		70-130	7.17	30	
Chloroethane	13.2	0.50	µg/L	10.0	ND	**132**	*	70-130	2.77	30	MS-22
Chloroform	12.0	0.50	µg/L	10.0	0.650	114		70-130	2.11	30	
Chloromethane	12.3	0.60	µg/L	10.0	ND	123		70-130	1.97	30	V-20
2-Chlorotoluene	10.9	0.50	µg/L	10.0	ND	109		70-130	5.36	30	
4-Chlorotoluene	10.8	0.50	µg/L	10.0	ND	108		70-130	2.34	30	
1,2-Dibromo-3-chloropropane (DBCP)	9.66	1.0	µg/L	10.0	ND	96.6		70-130	1.74	30	
1,2-Dibromoethane (EDB)	11.1	0.50	µg/L	10.0	ND	111		70-130	9.31	30	
Dibromomethane	11.2	0.50	µg/L	10.0	ND	112		70-130	7.11	30	
1,2-Dichlorobenzene	10.8	0.50	µg/L	10.0	ND	108		70-130	1.20	30	
1,3-Dichlorobenzene	10.9	0.50	µg/L	10.0	ND	109		70-130	5.18	30	
1,4-Dichlorobenzene	10.5	0.50	µg/L	10.0	ND	105		70-130	0.0955	30	
trans-1,4-Dichloro-2-butene	8.84	2.0	µg/L	10.0	ND	88.4		70-130	7.76	30	
Dichlorodifluoromethane (Freon 12)	13.2	0.50	µg/L	10.0	ND	**132**	*	70-130	1.15	30	MS-22
1,1-Dichloroethane	12.6	0.50	µg/L	10.0	ND	126		70-130	11.1	30	
1,2-Dichloroethane	10.3	0.50	µg/L	10.0	ND	103		70-130	1.15	30	
1,1-Dichloroethylene	12.5	0.50	µg/L	10.0	ND	125		70-130	7.37	30	
cis-1,2-Dichloroethylene	11.4	0.50	µg/L	10.0	ND	114		70-130	5.29	30	
trans-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0	ND	103		70-130	3.91	30	
1,2-Dichloropropane	12.2	0.50	µg/L	10.0	ND	122		70-130	12.0	30	
1,3-Dichloropropane	11.1	0.50	µg/L	10.0	ND	111		70-130	8.36	30	
2,2-Dichloropropane	7.06	0.50	µg/L	10.0	ND	70.6		70-130	0.706	30	
1,1-Dichloropropene	10.9	0.50	µg/L	10.0	ND	109		70-130	3.45	30	
cis-1,3-Dichloropropene	10.0	0.50	µg/L	10.0	ND	100		70-130	3.04	30	
trans-1,3-Dichloropropene	10.1	0.50	µg/L	10.0	ND	101		70-130	7.07	30	
Ethylbenzene	10.9	0.50	µg/L	10.0	ND	109		70-130	2.98	30	
Hexachlorobutadiene	10.5	0.60	µg/L	10.0	ND	105		70-130	6.16	30	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B270855 - SW-846 5030B											
Matrix Spike Dup (B270855-MSD1)	**Source: 20K0616-01**			Prepared: 11/13/20 Analyzed: 11/14/20							
2-Hexanone (MBK)	98.9	5.0	µg/L	100	ND	98.9		70-130	7.89	30	
Isopropylbenzene (Cumene)	11.7	0.50	µg/L	10.0	ND	117		70-130	9.29	30	
p-Isopropyltoluene (p-Cymene)	10.8	0.50	µg/L	10.0	ND	108		70-130	0.461	30	
Methyl tert-Butyl Ether (MTBE)	9.87	0.50	µg/L	10.0	ND	98.7		70-130	0.406	30	
Methylene Chloride	11.9	5.0	µg/L	10.0	ND	119		70-130	4.84	30	
4-Methyl-2-pentanone (MIBK)	102	5.0	µg/L	100	ND	102		70-130	5.92	30	
Naphthalene	8.64	2.0	µg/L	10.0	ND	86.4		70-130	8.82	30	
n-Propylbenzene	11.0	1.0	µg/L	10.0	ND	110		70-130	5.04	30	
Styrene	10.7	1.0	µg/L	10.0	ND	107		70-130	4.51	30	
1,1,1,2-Tetrachloroethane	11.5	0.50	µg/L	10.0	ND	115		70-130	7.49	30	
1,1,2,2-Tetrachloroethane	11.2	0.50	µg/L	10.0	ND	112		70-130	3.83	30	
Tetrachloroethylene	11.3	1.0	µg/L	10.0	ND	113		70-130	7.99	30	
Tetrahydrofuran	11.0	10	µg/L	10.0	ND	110		70-130	2.85	30	
Toluene	11.2	1.0	µg/L	10.0	ND	112		70-130	5.57	30	
1,2,3-Trichlorobenzene	9.06	1.0	µg/L	10.0	ND	90.6		70-130	6.26	30	
1,2,4-Trichlorobenzene	8.94	0.50	µg/L	10.0	ND	89.4		70-130	1.33	30	
1,1,1-Trichloroethane	11.4	0.50	µg/L	10.0	ND	114		70-130	4.02	30	
1,1,2-Trichloroethane	11.2	0.50	µg/L	10.0	ND	112		70-130	1.61	30	
Trichloroethylene	11.6	1.0	µg/L	10.0	ND	116		70-130	3.77	30	
Trichlorofluoromethane (Freon 11)	11.6	2.0	µg/L	10.0	ND	116		70-130	4.33	30	
1,2,3-Trichloropropane	9.60	0.50	µg/L	10.0	ND	96.0		70-130	1.24	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.6	0.50	µg/L	10.0	ND	**136**	*	70-130	3.52	30	MS-15
1,2,4-Trimethylbenzene	10.3	0.50	µg/L	10.0	ND	103		70-130	3.33	30	
1,3,5-Trimethylbenzene	10.3	0.50	µg/L	10.0	ND	103		70-130	0.683	30	
Vinyl Chloride	11.9	1.0	µg/L	10.0	ND	119		70-130	4.81	30	
m+p Xylene	21.1	2.0	µg/L	20.0	ND	105		70-130	0.237	30	
o-Xylene	11.2	1.0	µg/L	10.0	ND	112		70-130	3.90	30	
Surrogate: 1,2-Dichloroethane-d4	*26.0*		µg/L	25.0		104		70-130			
Surrogate: Toluene-d8	*25.7*		µg/L	25.0		103		70-130			
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103		70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B271074 - SW-846 3510C										
Blank (B271074-BLK1)				Prepared: 11/17/20 Analyzed: 11/18/20						
Acenaphthene (SIM)	ND	0.30	µg/L							
Acenaphthylene (SIM)	ND	0.20	µg/L							
Anthracene (SIM)	ND	0.20	µg/L							
Benzo(a)anthracene (SIM)	ND	0.050	µg/L							
Benzo(a)pyrene (SIM)	ND	0.10	µg/L							
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L							
Benzo(g,h,i)perylene (SIM)	ND	0.50	µg/L							
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L							
Chrysene (SIM)	ND	0.20	µg/L							
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L							
Fluoranthene (SIM)	ND	0.50	µg/L							
Fluorene (SIM)	ND	1.0	µg/L							
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L							
2-Methylnaphthalene (SIM)	ND	1.0	µg/L							
Naphthalene (SIM)	ND	1.0	µg/L							
Phenanthrene (SIM)	ND	0.050	µg/L							
Pyrene (SIM)	ND	1.0	µg/L							
Surrogate: Nitrobenzene-d5	*55.3*		µg/L	100		55.3	30-130			
Surrogate: 2-Fluorobiphenyl	*48.9*		µg/L	100		48.9	30-130			
Surrogate: p-Terphenyl-d14	*60.0*		µg/L	100		60.0	30-130			
LCS (B271074-BS1)				Prepared: 11/17/20 Analyzed: 11/18/20						
Acenaphthene (SIM)	41.5	6.0	µg/L	50.0		82.9	40-140			
Acenaphthylene (SIM)	40.0	4.0	µg/L	50.0		79.9	40-140			
Anthracene (SIM)	40.8	4.0	µg/L	50.0		81.7	40-140			
Benzo(a)anthracene (SIM)	39.2	1.0	µg/L	50.0		78.4	40-140			
Benzo(a)pyrene (SIM)	37.9	2.0	µg/L	50.0		75.8	40-140			
Benzo(b)fluoranthene (SIM)	43.0	1.0	µg/L	50.0		85.9	40-140			
Benzo(g,h,i)perylene (SIM)	36.7	10	µg/L	50.0		73.3	40-140			
Benzo(k)fluoranthene (SIM)	41.3	4.0	µg/L	50.0		82.6	40-140			
Chrysene (SIM)	40.1	4.0	µg/L	50.0		80.2	40-140			
Dibenz(a,h)anthracene (SIM)	37.5	2.0	µg/L	50.0		75.0	40-140			
Fluoranthene (SIM)	42.0	10	µg/L	50.0		84.0	40-140			
Fluorene (SIM)	42.9	20	µg/L	50.0		85.8	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	37.6	2.0	µg/L	50.0		75.3	40-140			
2-Methylnaphthalene (SIM)	37.7	20	µg/L	50.0		75.5	40-140			
Naphthalene (SIM)	35.0	20	µg/L	50.0		70.1	40-140			
Phenanthrene (SIM)	39.0	1.0	µg/L	50.0		78.0	40-140			
Pyrene (SIM)	37.7	20	µg/L	50.0		75.3	40-140			
Surrogate: Nitrobenzene-d5	*77.6*		µg/L	100		77.6	30-130			
Surrogate: 2-Fluorobiphenyl	*75.0*		µg/L	100		75.0	30-130			
Surrogate: p-Terphenyl-d14	*66.1*		µg/L	100		66.1	30-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B271074 - SW-846 3510C										
LCS Dup (B271074-BSD1)				Prepared: 11/17/20 Analyzed: 11/18/20						
Acenaphthene (SIM)	39.0	6.0	µg/L	50.0		78.1	40-140	6.01	20	
Acenaphthylene (SIM)	37.7	4.0	µg/L	50.0		75.3	40-140	5.93	20	
Anthracene (SIM)	38.9	4.0	µg/L	50.0		77.8	40-140	4.81	20	
Benzo(a)anthracene (SIM)	37.3	1.0	µg/L	50.0		74.6	40-140	4.97	20	
Benzo(a)pyrene (SIM)	36.0	2.0	µg/L	50.0		72.0	40-140	5.19	20	
Benzo(b)fluoranthene (SIM)	40.9	1.0	µg/L	50.0		81.9	40-140	4.82	20	
Benzo(g,h,i)perylene (SIM)	35.6	10	µg/L	50.0		71.2	40-140	2.99	20	
Benzo(k)fluoranthene (SIM)	39.2	4.0	µg/L	50.0		78.3	40-140	5.37	20	
Chrysene (SIM)	38.2	4.0	µg/L	50.0		76.3	40-140	5.01	20	
Dibenz(a,h)anthracene (SIM)	36.4	2.0	µg/L	50.0		72.8	40-140	3.09	20	
Fluoranthene (SIM)	40.0	10	µg/L	50.0		80.0	40-140	4.83	20	
Fluorene (SIM)	40.6	20	µg/L	50.0		81.3	40-140	5.46	20	
Indeno(1,2,3-cd)pyrene (SIM)	35.8	2.0	µg/L	50.0		71.6	40-140	5.01	20	
2-Methylnaphthalene (SIM)	35.9	20	µg/L	50.0		71.7	40-140	5.11	20	
Naphthalene (SIM)	33.8	20	µg/L	50.0		67.6	40-140	3.54	20	
Phenanthrene (SIM)	37.3	1.0	µg/L	50.0		74.5	40-140	4.51	20	
Pyrene (SIM)	35.7	20	µg/L	50.0		71.3	40-140	5.46	20	
Surrogate: Nitrobenzene-d5	*75.1*		µg/L	100		75.1	30-130			
Surrogate: 2-Fluorobiphenyl	*70.5*		µg/L	100		70.5	30-130			
Surrogate: p-Terphenyl-d14	*62.5*		µg/L	100		62.5	30-130			
Matrix Spike (B271074-MS1)		**Source: 20K0616-01**		Prepared: 11/17/20 Analyzed: 11/19/20						
Acenaphthene (SIM)	37.3	6.0	µg/L	50.0	ND	74.6	40-140			
Acenaphthylene (SIM)	36.4	4.0	µg/L	50.0	ND	72.7	40-140			
Anthracene (SIM)	37.3	4.0	µg/L	50.0	ND	74.5	40-140			
Benzo(a)anthracene (SIM)	35.5	1.0	µg/L	50.0	ND	71.0	40-140			
Benzo(a)pyrene (SIM)	33.9	2.0	µg/L	50.0	ND	67.8	40-140			
Benzo(b)fluoranthene (SIM)	38.2	1.0	µg/L	50.0	ND	76.4	40-140			
Benzo(g,h,i)perylene (SIM)	32.8	10	µg/L	50.0	ND	65.6	40-140			
Benzo(k)fluoranthene (SIM)	36.5	4.0	µg/L	50.0	ND	73.1	40-140			
Chrysene (SIM)	36.3	4.0	µg/L	50.0	ND	72.5	40-140			
Dibenz(a,h)anthracene (SIM)	34.0	2.0	µg/L	50.0	ND	68.0	40-140			
Fluoranthene (SIM)	38.0	10	µg/L	50.0	ND	76.1	40-140			
Fluorene (SIM)	39.3	20	µg/L	50.0	ND	78.6	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	33.9	2.0	µg/L	50.0	ND	67.8	40-140			
2-Methylnaphthalene (SIM)	34.0	20	µg/L	50.0	ND	68.0	40-140			
Naphthalene (SIM)	32.7	20	µg/L	50.0	ND	65.4	40-140			
Phenanthrene (SIM)	35.5	1.0	µg/L	50.0	ND	71.0	40-140			
Pyrene (SIM)	33.9	20	µg/L	50.0	ND	67.7	40-140			
Surrogate: Nitrobenzene-d5	*75.9*		µg/L	100		75.9	30-130			
Surrogate: 2-Fluorobiphenyl	*69.6*		µg/L	100		69.6	30-130			
Surrogate: p-Terphenyl-d14	*54.2*		µg/L	100		54.2	30-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B271074 - SW-846 3510C										
Matrix Spike Dup (B271074-MSD1)	**Source: 20K0616-01**			Prepared: 11/17/20 Analyzed: 11/19/20						
Acenaphthene (SIM)	38.0	6.0	µg/L	50.0	ND	76.0	40-140	1.86	30	
Acenaphthylene (SIM)	36.9	4.0	µg/L	50.0	ND	73.8	40-140	1.42	30	
Anthracene (SIM)	37.4	4.0	µg/L	50.0	ND	74.8	40-140	0.428	30	
Benzo(a)anthracene (SIM)	35.6	1.0	µg/L	50.0	ND	71.1	40-140	0.113	30	
Benzo(a)pyrene (SIM)	34.1	2.0	µg/L	50.0	ND	68.2	40-140	0.588	30	
Benzo(b)fluoranthene (SIM)	38.6	1.0	µg/L	50.0	ND	77.1	40-140	0.886	30	
Benzo(g,h,i)perylene (SIM)	33.0	10	µg/L	50.0	ND	66.0	40-140	0.608	30	
Benzo(k)fluoranthene (SIM)	36.7	4.0	µg/L	50.0	ND	73.4	40-140	0.437	30	
Chrysene (SIM)	36.1	4.0	µg/L	50.0	ND	72.3	40-140	0.331	30	
Dibenz(a,h)anthracene (SIM)	34.1	2.0	µg/L	50.0	ND	68.2	40-140	0.294	30	
Fluoranthene (SIM)	38.3	10	µg/L	50.0	ND	76.6	40-140	0.629	30	
Fluorene (SIM)	39.5	20	µg/L	50.0	ND	79.0	40-140	0.609	30	
Indeno(1,2,3-cd)pyrene (SIM)	34.0	2.0	µg/L	50.0	ND	67.9	40-140	0.236	30	
2-Methylnaphthalene (SIM)	35.7	20	µg/L	50.0	ND	71.3	40-140	4.77	30	
Naphthalene (SIM)	34.5	20	µg/L	50.0	ND	69.0	40-140	5.30	30	
Phenanthrene (SIM)	35.6	1.0	µg/L	50.0	ND	71.3	40-140	0.337	30	
Pyrene (SIM)	33.9	20	µg/L	50.0	ND	67.8	40-140	0.118	30	
Surrogate: Nitrobenzene-d5	*76.3*		µg/L	100		76.3	30-130			
Surrogate: 2-Fluorobiphenyl	*70.8*		µg/L	100		70.8	30-130			
Surrogate: p-Terphenyl-d14	*55.7*		µg/L	100		55.7	30-130			
Batch B271211 - SW-846 3510C										
Blank (B271211-BLK1)				Prepared: 11/17/20 Analyzed: 11/19/20						
Acenaphthylene (SIM)	ND	0.20	µg/L							
Benzo(a)anthracene (SIM)	ND	0.050	µg/L							
Benzo(a)pyrene (SIM)	ND	0.10	µg/L							
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L							
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L							
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L							
Chrysene (SIM)	ND	0.10	µg/L							
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L							
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L							
Phenanthrene (SIM)	ND	0.050	µg/L							
Surrogate: o-Terphenyl (OTP)	*59.1*		µg/L	100		59.1	30-130			
LCS (B271211-BS1)				Prepared: 11/17/20 Analyzed: 11/19/20						
Acenaphthylene (SIM)	64.6	8.0	µg/L	100		64.6	40-140			
Benzo(a)anthracene (SIM)	71.3	2.0	µg/L	100		71.3	40-140			
Benzo(a)pyrene (SIM)	73.1	4.0	µg/L	100		73.1	40-140			
Benzo(b)fluoranthene (SIM)	84.3	2.0	µg/L	100		84.3	40-140			
Benzo(g,h,i)perylene (SIM)	59.5	4.0	µg/L	100		59.5	40-140			
Benzo(k)fluoranthene (SIM)	64.8	8.0	µg/L	100		64.8	40-140			
Chrysene (SIM)	73.4	4.0	µg/L	100		73.4	40-140			
Dibenz(a,h)anthracene (SIM)	63.2	4.0	µg/L	100		63.2	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	62.4	4.0	µg/L	100		62.4	40-140			
Phenanthrene (SIM)	72.8	2.0	µg/L	100		72.8	40-140			
Surrogate: o-Terphenyl (OTP)	*71.6*		µg/L	100		71.6	30-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B271211 - SW-846 3510C										
LCS Dup (B271211-BSD1)				Prepared: 11/17/20 Analyzed: 11/19/20						
Acenaphthylene (SIM)	59.1	8.0	µg/L	100		59.1	40-140	8.93	20	
Benzo(a)anthracene (SIM)	65.8	2.0	µg/L	100		65.8	40-140	8.11	20	
Benzo(a)pyrene (SIM)	67.2	4.0	µg/L	100		67.2	40-140	8.32	20	
Benzo(b)fluoranthene (SIM)	77.4	2.0	µg/L	100		77.4	40-140	8.51	20	
Benzo(g,h,i)perylene (SIM)	58.1	4.0	µg/L	100		58.1	40-140	2.31	20	
Benzo(k)fluoranthene (SIM)	60.1	8.0	µg/L	100		60.1	40-140	7.43	20	
Chrysene (SIM)	69.9	4.0	µg/L	100		69.9	40-140	4.86	20	
Dibenz(a,h)anthracene (SIM)	63.6	4.0	µg/L	100		63.6	40-140	0.631	20	
Indeno(1,2,3-cd)pyrene (SIM)	60.2	4.0	µg/L	100		60.2	40-140	3.52	20	
Phenanthrene (SIM)	67.0	2.0	µg/L	100		67.0	40-140	8.24	20	
Surrogate: o-Terphenyl (OTP)	*66.0*		µg/L	100		66.0	30-130			
Matrix Spike (B271211-MS1)		**Source: 20K0616-01**		Prepared: 11/17/20 Analyzed: 11/19/20						
Acenaphthylene (SIM)	61.1	8.0	µg/L	100	ND	61.1	40-140			
Benzo(a)anthracene (SIM)	70.2	2.0	µg/L	100	ND	70.2	40-140			
Benzo(a)pyrene (SIM)	71.1	4.0	µg/L	100	ND	71.1	40-140			
Benzo(b)fluoranthene (SIM)	81.4	2.0	µg/L	100	ND	81.4	40-140			
Benzo(g,h,i)perylene (SIM)	58.8	4.0	µg/L	100	ND	58.8	40-140			
Benzo(k)fluoranthene (SIM)	64.3	8.0	µg/L	100	ND	64.3	40-140			
Chrysene (SIM)	74.3	4.0	µg/L	100	ND	74.3	40-140			
Dibenz(a,h)anthracene (SIM)	64.6	4.0	µg/L	100	ND	64.6	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	62.0	4.0	µg/L	100	ND	62.0	40-140			
Phenanthrene (SIM)	71.2	2.0	µg/L	100	ND	71.2	40-140			
Surrogate: o-Terphenyl (OTP)	*69.8*		µg/L	100		69.8	30-130			
Matrix Spike Dup (B271211-MSD1)		**Source: 20K0616-01**		Prepared: 11/17/20 Analyzed: 11/19/20						
Acenaphthylene (SIM)	59.3	8.0	µg/L	100	ND	59.3	40-140	2.99	30	
Benzo(a)anthracene (SIM)	65.4	2.0	µg/L	100	ND	65.4	40-140	7.02	30	
Benzo(a)pyrene (SIM)	66.5	4.0	µg/L	100	ND	66.5	40-140	6.74	30	
Benzo(b)fluoranthene (SIM)	76.6	2.0	µg/L	100	ND	76.6	40-140	6.08	30	
Benzo(g,h,i)perylene (SIM)	55.8	4.0	µg/L	100	ND	55.8	40-140	5.24	30	
Benzo(k)fluoranthene (SIM)	60.2	8.0	µg/L	100	ND	60.2	40-140	6.62	30	
Chrysene (SIM)	69.7	4.0	µg/L	100	ND	69.7	40-140	6.33	30	
Dibenz(a,h)anthracene (SIM)	61.6	4.0	µg/L	100	ND	61.6	40-140	4.75	30	
Indeno(1,2,3-cd)pyrene (SIM)	58.3	4.0	µg/L	100	ND	58.3	40-140	6.25	30	
Phenanthrene (SIM)	67.1	2.0	µg/L	100	ND	67.1	40-140	5.90	30	
Surrogate: o-Terphenyl (OTP)	*66.4*		µg/L	100		66.4	30-130			
Batch B271329 - SW-846 3510C										
Blank (B271329-BLK1)				Prepared: 11/19/20 Analyzed: 11/24/20						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B271329 - SW-846 3510C										
Blank (B271329-BLK1)				Prepared: 11/19/20 Analyzed: 11/24/20						
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							V-34
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	2.0	µg/L							RL-03
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	2.0	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							
2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							
4-Nitrophenol	ND	10	µg/L							
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L							
N-Nitrosodi-n-propylamine	ND	10	µg/L							
Pentachloronitrobenzene	ND	5.0	µg/L							RL-03
Pentachlorophenol	ND	10	µg/L							
Phenanthrene	ND	5.0	µg/L							
Phenol	ND	10	µg/L							
Pyrene	ND	5.0	µg/L							
Pyridine	ND	5.0	µg/L							R-05
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L							
1,2,4-Trichlorobenzene	ND	5.0	µg/L							
2,4,5-Trichlorophenol	ND	10	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B271329 - SW-846 3510C											
Blank (B271329-BLK1)				Prepared: 11/19/20 Analyzed: 11/24/20							
2,4,6-Trichlorophenol	ND	10	µg/L								
Surrogate: 2-Fluorophenol	*97.1*		µg/L	200		48.6	15-110				
Surrogate: Phenol-d6	*65.8*		µg/L	200		32.9	15-110				
Surrogate: Nitrobenzene-d5	*77.4*		µg/L	100		77.4	30-130				
Surrogate: 2-Fluorobiphenyl	*82.1*		µg/L	100		82.1	30-130				
Surrogate: 2,4,6-Tribromophenol	*198*		µg/L	200		99.1	15-110				
Surrogate: p-Terphenyl-d14	*99.8*		µg/L	100		99.8	30-130				
LCS (B271329-BS1)				Prepared: 11/19/20 Analyzed: 11/24/20							
Acenaphthene	41.2	5.0	µg/L	50.0		82.5	40-140				
Acenaphthylene	39.7	5.0	µg/L	50.0		79.4	40-140				
Aniline	39.4	5.0	µg/L	50.0		78.8	40-140				†
Anthracene	42.5	5.0	µg/L	50.0		84.9	40-140				
Benzo(a)anthracene	41.3	5.0	µg/L	50.0		82.6	40-140				
Benzo(a)pyrene	40.5	5.0	µg/L	50.0		80.9	40-140				
Benzo(b)fluoranthene	40.7	5.0	µg/L	50.0		81.3	40-140				
Benzo(g,h,i)perylene	50.5	5.0	µg/L	50.0		101	40-140				
Benzo(k)fluoranthene	40.4	5.0	µg/L	50.0		80.8	40-140				
Bis(2-chloroethoxy)methane	37.9	10	µg/L	50.0		75.8	40-140				
Bis(2-chloroethyl)ether	35.9	10	µg/L	50.0		71.7	40-140				
Bis(2-chloroisopropyl)ether	38.9	10	µg/L	50.0		77.8	40-140				
Bis(2-Ethylhexyl)phthalate	42.4	10	µg/L	50.0		84.7	40-140				
4-Bromophenylphenylether	39.2	10	µg/L	50.0		78.5	40-140				
Butylbenzylphthalate	41.8	10	µg/L	50.0		83.7	40-140				
Carbazole	41.7	10	µg/L	50.0		83.5	40-140				
4-Chloroaniline	38.0	10	µg/L	50.0		76.0	40-140			V-34	†
4-Chloro-3-methylphenol	39.6	10	µg/L	50.0		79.3	30-130				
2-Chloronaphthalene	33.6	10	µg/L	50.0		67.3	40-140				
2-Chlorophenol	35.8	10	µg/L	50.0		71.6	30-130				
4-Chlorophenylphenylether	39.3	10	µg/L	50.0		78.5	40-140				
Chrysene	42.4	5.0	µg/L	50.0		84.8	40-140				
Dibenz(a,h)anthracene	47.8	5.0	µg/L	50.0		95.5	40-140				
Dibenzofuran	41.0	5.0	µg/L	50.0		81.9	40-140				
Di-n-butylphthalate	40.4	10	µg/L	50.0		80.8	40-140				
3,3-Dichlorobenzidine	45.6	10	µg/L	100		45.6	40-140				†
2,4-Dichlorophenol	39.1	10	µg/L	50.0		78.3	30-130				
Diethylphthalate	40.1	10	µg/L	50.0		80.2	40-140				
2,4-Dimethylphenol	37.1	10	µg/L	50.0		74.3	30-130				
Dimethylphthalate	39.5	10	µg/L	50.0		79.0	40-140				
4,6-Dinitro-2-methylphenol	42.9	10	µg/L	50.0		85.9	30-130				
2,4-Dinitrophenol	40.6	10	µg/L	50.0		81.2	30-130				
2,4-Dinitrotoluene	44.4	10	µg/L	50.0		88.8	40-140				
2,6-Dinitrotoluene	44.4	10	µg/L	50.0		88.8	40-140				
Di-n-octylphthalate	41.0	10	µg/L	50.0		81.9	40-140				
Fluoranthene	42.1	5.0	µg/L	50.0		84.2	40-140				
Fluorene	41.3	5.0	µg/L	50.0		82.5	40-140				
Hexachlorobenzene	41.2	10	µg/L	50.0		82.4	40-140				
Hexachlorobutadiene	35.4	10	µg/L	50.0		70.9	40-140				
Hexachlorocyclopentadiene	34.4	10	µg/L	50.0		68.9	30-140				
Hexachloroethane	33.3	10	µg/L	50.0		66.6	40-140				
Indeno(1,2,3-cd)pyrene	49.9	5.0	µg/L	50.0		99.8	40-140				
Isophorone	41.2	10	µg/L	50.0		82.3	40-140				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B271329 - SW-846 3510C											
LCS (B271329-BS1)				Prepared: 11/19/20 Analyzed: 11/24/20							
2-Methylnaphthalene	41.3	5.0	µg/L	50.0		82.6	40-140				
2-Methylphenol	35.9	10	µg/L	50.0		71.8	30-130				
3/4-Methylphenol	32.5	10	µg/L	50.0		65.1	30-130				
Naphthalene	36.9	5.0	µg/L	50.0		73.7	40-140				
2-Nitroaniline	47.7	10	µg/L	50.0		95.3	40-140				
3-Nitroaniline	43.4	10	µg/L	50.0		86.8	40-140				†
4-Nitroaniline	43.8	10	µg/L	50.0		87.6	40-140				
Nitrobenzene	36.7	10	µg/L	50.0		73.5	40-140				
2-Nitrophenol	42.1	10	µg/L	50.0		84.3	30-130				
4-Nitrophenol	22.5	10	µg/L	50.0		45.1	10-130				
N-Nitrosodiphenylamine/Diphenylamine	40.8	10	µg/L	50.0		81.7	40-140				
N-Nitrosodi-n-propylamine	37.7	10	µg/L	50.0		75.3	40-140				
Pentachloronitrobenzene	44.3	10	µg/L	50.0		88.6	40-140				
Pentachlorophenol	37.7	10	µg/L	50.0		75.4	30-130				
Phenanthrene	41.8	5.0	µg/L	50.0		83.5	40-140				
Phenol	16.8	10	µg/L	50.0		33.7	20-130				
Pyrene	40.9	5.0	µg/L	50.0		81.9	40-140				
Pyridine	16.6	5.0	µg/L	50.0		33.1	10-140			R-05	†
1,2,4,5-Tetrachlorobenzene	38.7	10	µg/L	50.0		77.3	40-140				
1,2,4-Trichlorobenzene	36.2	5.0	µg/L	50.0		72.4	40-140				
2,4,5-Trichlorophenol	43.7	10	µg/L	50.0		87.4	30-130				
2,4,6-Trichlorophenol	43.4	10	µg/L	50.0		86.8	30-130				
Surrogate: 2-Fluorophenol	*100*		µg/L	200		50.1	15-110				
Surrogate: Phenol-d6	*69.4*		µg/L	200		34.7	15-110				
Surrogate: Nitrobenzene-d5	*80.0*		µg/L	100		80.0	30-130				
Surrogate: 2-Fluorobiphenyl	*82.1*		µg/L	100		82.1	30-130				
Surrogate: 2,4,6-Tribromophenol	*189*		µg/L	200		94.6	15-110				
Surrogate: p-Terphenyl-d14	*90.2*		µg/L	100		90.2	30-130				
LCS Dup (B271329-BSD1)				Prepared: 11/19/20 Analyzed: 11/24/20							
Acenaphthene	42.5	5.0	µg/L	50.0		85.0	40-140	3.01	20		
Acenaphthylene	41.1	5.0	µg/L	50.0		82.1	40-140	3.37	20		
Aniline	37.1	5.0	µg/L	50.0		74.2	40-140	5.91	50		† ‡
Anthracene	43.4	5.0	µg/L	50.0		86.7	40-140	2.10	20		
Benzo(a)anthracene	42.4	5.0	µg/L	50.0		84.7	40-140	2.56	20		
Benzo(a)pyrene	41.4	5.0	µg/L	50.0		82.9	40-140	2.34	20		
Benzo(b)fluoranthene	41.4	5.0	µg/L	50.0		82.9	40-140	1.92	20		
Benzo(g,h,i)perylene	51.4	5.0	µg/L	50.0		103	40-140	1.61	20		
Benzo(k)fluoranthene	41.9	5.0	µg/L	50.0		83.7	40-140	3.57	20		
Bis(2-chloroethoxy)methane	40.8	10	µg/L	50.0		81.7	40-140	7.44	20		
Bis(2-chloroethyl)ether	38.7	10	µg/L	50.0		77.4	40-140	7.64	20		
Bis(2-chloroisopropyl)ether	42.5	10	µg/L	50.0		85.0	40-140	8.87	20		
Bis(2-Ethylhexyl)phthalate	42.5	10	µg/L	50.0		85.0	40-140	0.377	20		
4-Bromophenylphenylether	40.2	10	µg/L	50.0		80.5	40-140	2.52	20		
Butylbenzylphthalate	43.4	10	µg/L	50.0		86.9	40-140	3.73	20		
Carbazole	42.3	10	µg/L	50.0		84.5	40-140	1.26	20		
4-Chloroaniline	42.3	10	µg/L	50.0		84.7	40-140	10.8	20	V-34	†
4-Chloro-3-methylphenol	43.0	10	µg/L	50.0		86.0	30-130	8.11	20		
2-Chloronaphthalene	35.5	10	µg/L	50.0		70.9	40-140	5.30	20		
2-Chlorophenol	38.5	10	µg/L	50.0		77.0	30-130	7.29	20		
4-Chlorophenylphenylether	41.4	10	µg/L	50.0		82.7	40-140	5.21	20		
Chrysene	43.2	5.0	µg/L	50.0		86.3	40-140	1.82	20		

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes	
Batch B271329 - SW-846 3510C												
LCS Dup (B271329-BSD1)				Prepared: 11/19/20 Analyzed: 11/24/20								
Dibenz(a,h)anthracene	48.6	5.0	µg/L	50.0		97.2	40-140	1.78		20		
Dibenzofuran	42.2	5.0	µg/L	50.0		84.5	40-140	3.05		20		
Di-n-butylphthalate	41.4	10	µg/L	50.0		82.9	40-140	2.59		20		
3,3-Dichlorobenzidine	47.3	10	µg/L	100		47.3	40-140	3.60		20		† ‡
2,4-Dichlorophenol	42.4	10	µg/L	50.0		84.8	30-130	7.97		20		
Diethylphthalate	42.3	10	µg/L	50.0		84.6	40-140	5.34		20		
2,4-Dimethylphenol	39.9	10	µg/L	50.0		79.8	30-130	7.14		20		
Dimethylphthalate	41.5	10	µg/L	50.0		83.0	40-140	4.89		50		
4,6-Dinitro-2-methylphenol	44.3	10	µg/L	50.0		88.7	30-130	3.21		50		
2,4-Dinitrophenol	46.3	10	µg/L	50.0		92.6	30-130	13.2		50		
2,4-Dinitrotoluene	46.0	10	µg/L	50.0		92.0	40-140	3.52		20		
2,6-Dinitrotoluene	45.5	10	µg/L	50.0		91.0	40-140	2.42		20		
Di-n-octylphthalate	40.8	10	µg/L	50.0		81.5	40-140	0.489		20		
Fluoranthene	43.1	5.0	µg/L	50.0		86.2	40-140	2.37		20		
Fluorene	42.9	5.0	µg/L	50.0		85.8	40-140	3.85		20		
Hexachlorobenzene	42.7	10	µg/L	50.0		85.5	40-140	3.69		20		
Hexachlorobutadiene	37.0	10	µg/L	50.0		74.0	40-140	4.31		20		
Hexachlorocyclopentadiene	35.9	10	µg/L	50.0		71.8	30-140	4.09		50		
Hexachloroethane	35.6	10	µg/L	50.0		71.2	40-140	6.65		50		
Indeno(1,2,3-cd)pyrene	50.0	5.0	µg/L	50.0		100	40-140	0.220		50		
Isophorone	43.9	10	µg/L	50.0		87.8	40-140	6.42		20		
2-Methylnaphthalene	44.0	5.0	µg/L	50.0		88.0	40-140	6.33		20		
2-Methylphenol	37.6	10	µg/L	50.0		75.2	30-130	4.54		20		
3/4-Methylphenol	35.8	10	µg/L	50.0		71.6	30-130	9.57		20		
Naphthalene	39.1	5.0	µg/L	50.0		78.2	40-140	5.90		20		
2-Nitroaniline	49.4	10	µg/L	50.0		98.9	40-140	3.67		20		
3-Nitroaniline	46.6	10	µg/L	50.0		93.2	40-140	7.04		20		†
4-Nitroaniline	45.1	10	µg/L	50.0		90.2	40-140	2.92		20		
Nitrobenzene	39.1	10	µg/L	50.0		78.3	40-140	6.33		20		
2-Nitrophenol	45.4	10	µg/L	50.0		90.7	30-130	7.36		20		
4-Nitrophenol	24.7	10	µg/L	50.0		49.4	10-130	9.27		50		‡
N-Nitrosodiphenylamine/Diphenylamine	41.8	10	µg/L	50.0		83.6	40-140	2.37		20		
N-Nitrosodi-n-propylamine	41.0	10	µg/L	50.0		82.0	40-140	8.49		20		
Pentachloronitrobenzene	45.8	10	µg/L	50.0		91.6	40-140	3.33		20		
Pentachlorophenol	41.9	10	µg/L	50.0		83.9	30-130	10.7		50		
Phenanthrene	42.6	5.0	µg/L	50.0		85.1	40-140	1.90		20		
Phenol	18.3	10	µg/L	50.0		36.6	20-130	8.20		20		
Pyrene	42.7	5.0	µg/L	50.0		85.3	40-140	4.11		20		
Pyridine	8.58	5.0	µg/L	50.0		17.2	10-140	**63.4**	*	50	R-05	†
1,2,4,5-Tetrachlorobenzene	39.3	10	µg/L	50.0		78.6	40-140	1.62		20		
1,2,4-Trichlorobenzene	37.7	5.0	µg/L	50.0		75.4	40-140	4.11		20		
2,4,5-Trichlorophenol	44.6	10	µg/L	50.0		89.2	30-130	2.02		20		
2,4,6-Trichlorophenol	45.1	10	µg/L	50.0		90.2	30-130	3.82		50		
Surrogate: 2-Fluorophenol	*109*		µg/L	200		54.4	15-110					
Surrogate: Phenol-d6	*76.7*		µg/L	200		38.3	15-110					
Surrogate: Nitrobenzene-d5	*84.8*		µg/L	100		84.8	30-130					
Surrogate: 2-Fluorobiphenyl	*85.6*		µg/L	100		85.6	30-130					
Surrogate: 2,4,6-Tribromophenol	*199*		µg/L	200		99.4	15-110					
Surrogate: p-Terphenyl-d14	*94.9*		µg/L	100		94.9	30-130					

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B271329 - SW-846 3510C											
Matrix Spike (B271329-MS1)	**Source: 20K0616-01**			Prepared: 11/19/20 Analyzed: 11/24/20							
Acenaphthene	37.1	5.0	µg/L	50.0	ND	74.2		40-140			
Acenaphthylene	35.8	5.0	µg/L	50.0	ND	71.5		40-140			
Aniline	29.3	5.0	µg/L	50.0	ND	58.6		40-140			
Anthracene	37.4	5.0	µg/L	50.0	ND	74.8		40-140			
Benzo(a)anthracene	37.2	5.0	µg/L	50.0	ND	74.4		40-140			
Benzo(a)pyrene	36.6	5.0	µg/L	50.0	ND	73.2		40-140			
Benzo(b)fluoranthene	36.9	5.0	µg/L	50.0	ND	73.8		40-140			
Benzo(g,h,i)perylene	43.7	5.0	µg/L	50.0	ND	87.4		40-140			
Benzo(k)fluoranthene	37.4	5.0	µg/L	50.0	ND	74.8		40-140			
Bis(2-chloroethoxy)methane	34.5	10	µg/L	50.0	ND	69.0		40-140			
Bis(2-chloroethyl)ether	31.8	10	µg/L	50.0	ND	63.6		40-140			
Bis(2-chloroisopropyl)ether	35.6	10	µg/L	50.0	ND	71.1		40-140			
Bis(2-Ethylhexyl)phthalate	36.6	10	µg/L	50.0	ND	73.2		40-140			
4-Bromophenylphenylether	35.4	10	µg/L	50.0	ND	70.8		40-140			
Butylbenzylphthalate	37.0	10	µg/L	50.0	ND	74.0		40-140			
Carbazole	36.7	10	µg/L	50.0	ND	73.4		40-140			
4-Chloroaniline	32.8	10	µg/L	50.0	ND	65.6		40-140			V-34
4-Chloro-3-methylphenol	37.0	10	µg/L	50.0	ND	74.1		30-130			
2-Chloronaphthalene	31.1	10	µg/L	50.0	ND	62.1		40-140			
2-Chlorophenol	32.3	10	µg/L	50.0	ND	64.6		30-130			
4-Chlorophenylphenylether	36.3	10	µg/L	50.0	ND	72.5		40-140			
Chrysene	37.8	5.0	µg/L	50.0	ND	75.6		40-140			
Dibenz(a,h)anthracene	41.4	5.0	µg/L	50.0	ND	82.9		40-140			
Dibenzofuran	36.9	5.0	µg/L	50.0	ND	73.8		40-140			
Di-n-butylphthalate	35.8	10	µg/L	50.0	ND	71.7		40-140			
3,3-Dichlorobenzidine	36.9	10	µg/L	100	ND	**36.9**	*	40-140			MS-09
2,4-Dichlorophenol	35.9	10	µg/L	50.0	ND	71.9		30-130			
Diethylphthalate	36.9	10	µg/L	50.0	ND	73.7		40-140			
2,4-Dimethylphenol	29.3	10	µg/L	50.0	ND	58.6		30-130			
Dimethylphthalate	35.8	10	µg/L	50.0	ND	71.6		40-140			
4,6-Dinitro-2-methylphenol	39.1	10	µg/L	50.0	ND	78.1		30-130			
2,4-Dinitrophenol	39.2	10	µg/L	50.0	ND	78.5		30-130			
2,4-Dinitrotoluene	39.8	10	µg/L	50.0	ND	79.5		40-140			
2,6-Dinitrotoluene	40.0	10	µg/L	50.0	ND	80.0		40-140			
Di-n-octylphthalate	35.9	10	µg/L	50.0	ND	71.8		40-140			
Fluoranthene	38.0	5.0	µg/L	50.0	ND	75.9		40-140			
Fluorene	37.4	5.0	µg/L	50.0	ND	74.9		40-140			
Hexachlorobenzene	37.5	10	µg/L	50.0	ND	75.1		40-140			
Hexachlorobutadiene	31.6	10	µg/L	50.0	ND	63.3		40-140			
Hexachlorocyclopentadiene	31.5	10	µg/L	50.0	ND	62.9		40-140			
Hexachloroethane	29.1	10	µg/L	50.0	ND	58.2		40-140			
Indeno(1,2,3-cd)pyrene	42.6	5.0	µg/L	50.0	ND	85.3		40-140			
Isophorone	37.3	10	µg/L	50.0	ND	74.5		40-140			
2-Methylnaphthalene	38.2	5.0	µg/L	50.0	ND	76.3		40-140			
2-Methylphenol	31.1	10	µg/L	50.0	ND	62.2		30-130			
3/4-Methylphenol	29.9	10	µg/L	50.0	ND	59.8		30-130			
Naphthalene	33.3	5.0	µg/L	50.0	ND	66.5		40-140			
2-Nitroaniline	42.7	10	µg/L	50.0	ND	85.5		40-140			
3-Nitroaniline	37.7	10	µg/L	50.0	ND	75.3		40-140			
4-Nitroaniline	38.8	10	µg/L	50.0	ND	77.7		40-140			
Nitrobenzene	32.7	10	µg/L	50.0	ND	65.4		40-140			
2-Nitrophenol	38.0	10	µg/L	50.0	ND	76.1		30-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B271329 - SW-846 3510C											
Matrix Spike (B271329-MS1)	**Source: 20K0616-01**			Prepared: 11/19/20 Analyzed: 11/24/20							
4-Nitrophenol	21.4	10	µg/L	50.0	ND	42.7		30-130			
N-Nitrosodiphenylamine/Diphenylamine	36.7	10	µg/L	50.0	ND	73.4		40-140			
N-Nitrosodi-n-propylamine	34.4	10	µg/L	50.0	ND	68.7		40-140			
Pentachloronitrobenzene	40.4	10	µg/L	50.0	ND	80.7		40-140			
Pentachlorophenol	34.4	10	µg/L	50.0	ND	68.8		30-130			
Phenanthrene	37.3	5.0	µg/L	50.0	ND	74.7		40-140			
Phenol	15.1	10	µg/L	50.0	ND	30.2		30-130			
Pyrene	36.8	5.0	µg/L	50.0	ND	73.7		40-140			
Pyridine	12.4	5.0	µg/L	50.0	ND	**24.8**	*	40-140			MS-09
1,2,4,5-Tetrachlorobenzene	34.0	10	µg/L	50.0	ND	68.0		40-140			
1,2,4-Trichlorobenzene	32.4	5.0	µg/L	50.0	ND	64.8		40-140			
2,4,5-Trichlorophenol	39.2	10	µg/L	50.0	ND	78.5		30-130			
2,4,6-Trichlorophenol	38.7	10	µg/L	50.0	ND	77.5		30-130			
Surrogate: 2-Fluorophenol	*87.0*		µg/L	200		43.5		15-110			
Surrogate: Phenol-d6	*64.1*		µg/L	200		32.1		15-110			
Surrogate: Nitrobenzene-d5	*71.4*		µg/L	100		71.4		30-130			
Surrogate: 2-Fluorobiphenyl	*75.1*		µg/L	100		75.1		30-130			
Surrogate: 2,4,6-Tribromophenol	*176*		µg/L	200		87.9		15-110			
Surrogate: p-Terphenyl-d14	*81.6*		µg/L	100		81.6		30-130			
Matrix Spike Dup (B271329-MSD1)	**Source: 20K0616-01**			Prepared: 11/19/20 Analyzed: 11/24/20							
Acenaphthene	40.5	5.0	µg/L	50.0	ND	81.0		40-140	8.79	30	
Acenaphthylene	38.4	5.0	µg/L	50.0	ND	76.9		40-140	7.20	30	
Aniline	31.2	5.0	µg/L	50.0	ND	62.4		40-140	6.25	30	
Anthracene	40.4	5.0	µg/L	50.0	ND	80.9		40-140	7.78	30	
Benzo(a)anthracene	39.8	5.0	µg/L	50.0	ND	79.7		40-140	6.77	30	
Benzo(a)pyrene	39.1	5.0	µg/L	50.0	ND	78.2		40-140	6.63	30	
Benzo(b)fluoranthene	39.4	5.0	µg/L	50.0	ND	78.9		40-140	6.65	30	
Benzo(g,h,i)perylene	46.2	5.0	µg/L	50.0	ND	92.5		40-140	5.58	30	
Benzo(k)fluoranthene	40.3	5.0	µg/L	50.0	ND	80.5		40-140	7.31	30	
Bis(2-chloroethoxy)methane	38.0	10	µg/L	50.0	ND	75.9		40-140	9.55	30	
Bis(2-chloroethyl)ether	36.4	10	µg/L	50.0	ND	72.8		40-140	13.4	30	
Bis(2-chloroisopropyl)ether	39.3	10	µg/L	50.0	ND	78.5		40-140	9.92	30	
Bis(2-Ethylhexyl)phthalate	39.1	10	µg/L	50.0	ND	78.1		40-140	6.50	30	
4-Bromophenylphenylether	37.8	10	µg/L	50.0	ND	75.5		40-140	6.45	30	
Butylbenzylphthalate	39.4	10	µg/L	50.0	ND	78.7		40-140	6.13	30	
Carbazole	40.2	10	µg/L	50.0	ND	80.4		40-140	9.13	30	
4-Chloroaniline	35.9	10	µg/L	50.0	ND	71.8		40-140	9.06	30	V-34
4-Chloro-3-methylphenol	40.1	10	µg/L	50.0	ND	80.2		30-130	7.88	30	
2-Chloronaphthalene	34.5	10	µg/L	50.0	ND	69.0		40-140	10.5	30	
2-Chlorophenol	36.6	10	µg/L	50.0	ND	73.3		30-130	12.6	30	
4-Chlorophenylphenylether	39.1	10	µg/L	50.0	ND	78.3		40-140	7.59	30	
Chrysene	40.6	5.0	µg/L	50.0	ND	81.2		40-140	7.14	30	
Dibenz(a,h)anthracene	44.3	5.0	µg/L	50.0	ND	88.6		40-140	6.67	30	
Dibenzofuran	40.0	5.0	µg/L	50.0	ND	80.1		40-140	8.24	30	
Di-n-butylphthalate	38.1	10	µg/L	50.0	ND	76.2		40-140	6.14	30	
3,3-Dichlorobenzidine	39.6	10	µg/L	100	ND	**39.6**	*	40-140	7.06	30	MS-09
2,4-Dichlorophenol	40.0	10	µg/L	50.0	ND	80.0		30-130	10.8	30	
Diethylphthalate	39.0	10	µg/L	50.0	ND	78.1		40-140	5.72	30	
2,4-Dimethylphenol	33.2	10	µg/L	50.0	ND	66.5		30-130	12.6	30	
Dimethylphthalate	38.6	10	µg/L	50.0	ND	77.2		40-140	7.42	30	
4,6-Dinitro-2-methylphenol	42.4	10	µg/L	50.0	ND	84.7		30-130	8.13	30	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B271329 - SW-846 3510C											
Matrix Spike Dup (B271329-MSD1)	**Source: 20K0616-01**			Prepared: 11/19/20 Analyzed: 11/24/20							
2,4-Dinitrophenol	44.2	10	µg/L	50.0	ND	88.3		30-130	11.8	30	
2,4-Dinitrotoluene	43.3	10	µg/L	50.0	ND	86.7		40-140	8.59	30	
2,6-Dinitrotoluene	43.6	10	µg/L	50.0	ND	87.1		40-140	8.47	30	
Di-n-octylphthalate	38.0	10	µg/L	50.0	ND	76.1		40-140	5.76	30	
Fluoranthene	41.1	5.0	µg/L	50.0	ND	82.3		40-140	8.02	30	
Fluorene	40.6	5.0	µg/L	50.0	ND	81.3		40-140	8.17	30	
Hexachlorobenzene	40.0	10	µg/L	50.0	ND	80.1		40-140	6.50	30	
Hexachlorobutadiene	35.9	10	µg/L	50.0	ND	71.8		40-140	12.6	30	
Hexachlorocyclopentadiene	35.7	10	µg/L	50.0	ND	71.5		40-140	12.7	30	
Hexachloroethane	33.5	10	µg/L	50.0	ND	67.0		40-140	14.0	30	
Indeno(1,2,3-cd)pyrene	45.2	5.0	µg/L	50.0	ND	90.5		40-140	5.89	30	
Isophorone	40.6	10	µg/L	50.0	ND	81.3		40-140	8.68	30	
2-Methylnaphthalene	42.0	5.0	µg/L	50.0	ND	84.0		40-140	9.53	30	
2-Methylphenol	35.1	10	µg/L	50.0	ND	70.2		30-130	12.1	30	
3/4-Methylphenol	33.7	10	µg/L	50.0	ND	67.3		30-130	11.9	30	
Naphthalene	37.2	5.0	µg/L	50.0	ND	74.4		40-140	11.2	30	
2-Nitroaniline	46.1	10	µg/L	50.0	ND	92.3		40-140	7.67	30	
3-Nitroaniline	40.7	10	µg/L	50.0	ND	81.5		40-140	7.81	30	
4-Nitroaniline	42.7	10	µg/L	50.0	ND	85.4		40-140	9.40	30	
Nitrobenzene	37.0	10	µg/L	50.0	ND	74.0		40-140	12.4	30	
2-Nitrophenol	43.1	10	µg/L	50.0	ND	86.1		30-130	12.4	30	
4-Nitrophenol	24.0	10	µg/L	50.0	ND	48.0		30-130	11.7	30	
N-Nitrosodiphenylamine/Diphenylamine	39.0	10	µg/L	50.0	ND	78.1		40-140	6.23	30	
N-Nitrosodi-n-propylamine	37.8	10	µg/L	50.0	ND	75.5		40-140	9.43	30	
Pentachloronitrobenzene	42.2	10	µg/L	50.0	ND	84.5		40-140	4.55	30	
Pentachlorophenol	37.4	10	µg/L	50.0	ND	74.9		30-130	8.41	30	
Phenanthrene	40.2	5.0	µg/L	50.0	ND	80.4		40-140	7.45	30	
Phenol	17.3	10	µg/L	50.0	ND	34.6		30-130	13.5	30	
Pyrene	39.1	5.0	µg/L	50.0	ND	78.2		40-140	5.95	30	
Pyridine	11.1	5.0	µg/L	50.0	ND	**22.2**	*	40-140	11.4	30	MS-09
1,2,4,5-Tetrachlorobenzene	38.1	10	µg/L	50.0	ND	76.2		40-140	11.3	30	
1,2,4-Trichlorobenzene	36.9	5.0	µg/L	50.0	ND	73.7		40-140	12.8	30	
2,4,5-Trichlorophenol	41.7	10	µg/L	50.0	ND	83.4		30-130	6.03	30	
2,4,6-Trichlorophenol	42.2	10	µg/L	50.0	ND	84.4		30-130	8.62	30	
Surrogate: 2-Fluorophenol	*101*		µg/L	200		50.3		15-110			
Surrogate: Phenol-d6	*72.2*		µg/L	200		36.1		15-110			
Surrogate: Nitrobenzene-d5	*79.9*		µg/L	100		79.9		30-130			
Surrogate: 2-Fluorobiphenyl	*81.2*		µg/L	100		81.2		30-130			
Surrogate: 2,4,6-Tribromophenol	*188*		µg/L	200		93.8		15-110			
Surrogate: p-Terphenyl-d14	*86.5*		µg/L	100		86.5		30-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B271073 - SW-846 3510C										
Blank (B271073-BLK1)				Prepared: 11/17/20 Analyzed: 11/18/20						
C9-C18 Aliphatics	ND	100	µg/L							
C19-C36 Aliphatics	ND	100	µg/L							
Unadjusted C11-C22 Aromatics	ND	100	µg/L							
C11-C22 Aromatics	ND	100	µg/L							
Acenaphthene	ND	2.0	µg/L							
Anthracene	ND	2.0	µg/L							
Fluoranthene	ND	2.0	µg/L							
Fluorene	ND	2.0	µg/L							
2-Methylnaphthalene	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
Pyrene	ND	2.0	µg/L							
Naphthalene-aliphatic fraction	ND	2.0	µg/L							
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L							
Surrogate: Chlorooctadecane (COD)	*81.2*		µg/L	100		81.2	40-140			
Surrogate: o-Terphenyl (OTP)	*78.2*		µg/L	100		78.2	40-140			
Surrogate: 2-Bromonaphthalene	*92.9*		µg/L	100		92.9	40-140			
Surrogate: 2-Fluorobiphenyl	*97.4*		µg/L	100		97.4	40-140			
LCS (B271073-BS1)				Prepared: 11/17/20 Analyzed: 11/18/20						
C9-C18 Aliphatics	452	100	µg/L	600		75.4	0-200			
C19-C36 Aliphatics	780	100	µg/L	800		97.4	0-200			
Unadjusted C11-C22 Aromatics	1470	100	µg/L	1700		86.3	0-200			
Acenaphthene	82.4	2.0	µg/L	100		82.4	40-140			
Anthracene	82.3	2.0	µg/L	100		82.3	40-140			
Fluoranthene	82.0	2.0	µg/L	100		82.0	40-140			
Fluorene	83.4	2.0	µg/L	100		83.4	40-140			
2-Methylnaphthalene	71.0	2.0	µg/L	100		71.0	40-140			
Naphthalene	64.5	2.0	µg/L	100		64.5	40-140			
Pyrene	83.3	2.0	µg/L	100		83.3	40-140			
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*80.9*		µg/L	100		80.9	40-140			
Surrogate: o-Terphenyl (OTP)	*77.0*		µg/L	100		77.0	40-140			
Surrogate: 2-Bromonaphthalene	*89.4*		µg/L	100		89.4	40-140			
Surrogate: 2-Fluorobiphenyl	*102*		µg/L	100		102	40-140			
LCS Dup (B271073-BSD1)				Prepared: 11/17/20 Analyzed: 11/18/20						
C9-C18 Aliphatics	425	100	µg/L	600		70.9	0-200	6.08		
C19-C36 Aliphatics	754	100	µg/L	800		94.2	0-200	3.39		
Unadjusted C11-C22 Aromatics	1430	100	µg/L	1700		84.4	0-200	2.24		
Acenaphthene	79.6	2.0	µg/L	100		79.6	40-140	3.49	25	
Anthracene	81.4	2.0	µg/L	100		81.4	40-140	1.10	25	
Fluoranthene	80.9	2.0	µg/L	100		80.9	40-140	1.40	25	
Fluorene	81.3	2.0	µg/L	100		81.3	40-140	2.56	25	
2-Methylnaphthalene	66.8	2.0	µg/L	100		66.8	40-140	6.05	25	
Naphthalene	59.8	2.0	µg/L	100		59.8	40-140	7.55	25	
Pyrene	82.2	2.0	µg/L	100		82.2	40-140	1.30	25	
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*76.2*		µg/L	100		76.2	40-140			
Surrogate: o-Terphenyl (OTP)	*74.9*		µg/L	100		74.9	40-140			
Surrogate: 2-Bromonaphthalene	*87.2*		µg/L	100		87.2	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B271073 - SW-846 3510C										
LCS Dup (B271073-BSD1)				Prepared: 11/17/20 Analyzed: 11/18/20						
Surrogate: 2-Fluorobiphenyl	*100*		µg/L	100		100	40-140			
Matrix Spike (B271073-MS1)		**Source: 20K0616-01**		Prepared: 11/17/20 Analyzed: 11/18/20						
C9-C18 Aliphatics	482	100	µg/L	628	46.8	69.3	40-140			
C19-C36 Aliphatics	850	100	µg/L	838	74.9	92.5	40-140			
Unadjusted C11-C22 Aromatics	1560	100	µg/L	1780	59.3	84.5	40-140			
Acenaphthene	84.5	2.1	µg/L	105	ND	80.7	40-140			
Anthracene	88.4	2.1	µg/L	105	ND	84.4	40-140			
Fluoranthene	87.9	2.1	µg/L	105	ND	83.9	40-140			
Fluorene	87.0	2.1	µg/L	105	ND	83.1	40-140			
2-Methylnaphthalene	69.7	2.1	µg/L	105	ND	66.6	40-140			
Naphthalene	64.3	2.1	µg/L	105	ND	61.4	40-140			
Pyrene	89.1	2.1	µg/L	105	ND	85.1	40-140			
Surrogate: Chlorooctadecane (COD)	*85.8*		µg/L	105		82.0	40-140			
Surrogate: o-Terphenyl (OTP)	*80.6*		µg/L	105		76.9	40-140			
Surrogate: 2-Bromonaphthalene	*89.4*		µg/L	105		85.4	40-140			
Surrogate: 2-Fluorobiphenyl	*105*		µg/L	105		101	40-140			
Matrix Spike Dup (B271073-MSD1)		**Source: 20K0616-01**		Prepared: 11/17/20 Analyzed: 11/18/20						
C9-C18 Aliphatics	468	100	µg/L	619	46.8	68.1	40-140	3.09	50	
C19-C36 Aliphatics	799	100	µg/L	825	74.9	87.7	40-140	6.21	50	
Unadjusted C11-C22 Aromatics	1470	100	µg/L	1750	59.3	80.5	40-140	6.10	50	
Acenaphthene	83.6	2.1	µg/L	103	ND	81.1	40-140	1.02	50	
Anthracene	83.6	2.1	µg/L	103	ND	81.1	40-140	5.51	50	
Fluoranthene	83.1	2.1	µg/L	103	ND	80.6	40-140	5.62	50	
Fluorene	83.8	2.1	µg/L	103	ND	81.3	40-140	3.79	50	
2-Methylnaphthalene	71.0	2.1	µg/L	103	ND	68.8	40-140	1.78	50	
Naphthalene	67.0	2.1	µg/L	103	ND	65.0	40-140	4.20	50	
Pyrene	84.3	2.1	µg/L	103	ND	81.8	40-140	5.60	50	
Surrogate: Chlorooctadecane (COD)	*79.4*		µg/L	103		77.0	40-140			
Surrogate: o-Terphenyl (OTP)	*77.3*		µg/L	103		75.0	40-140			
Surrogate: 2-Bromonaphthalene	*97.9*		µg/L	103		94.9	40-140			
Surrogate: 2-Fluorobiphenyl	*113*		µg/L	103		110	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B270872 - SW-846 7470A Prep										
Blank (B270872-BLK1)				Prepared & Analyzed: 11/13/20						
Mercury	ND	0.00010	mg/L							
LCS (B270872-BS1)				Prepared & Analyzed: 11/13/20						
Mercury	0.00410	0.00010	mg/L	0.00400		103	80-120			
LCS Dup (B270872-BSD1)				Prepared & Analyzed: 11/13/20						
Mercury	0.00407	0.00010	mg/L	0.00400		102	80-120	0.879	20	
Matrix Spike (B270872-MS1)		**Source: 20K0616-01**		Prepared & Analyzed: 11/13/20						
Mercury	0.00408	0.00010	mg/L	0.00400	ND	102	75-125			
Matrix Spike Dup (B270872-MSD1)		**Source: 20K0616-01**		Prepared & Analyzed: 11/13/20						
Mercury	0.00393	0.00010	mg/L	0.00400	ND	98.3	75-125	3.78	20	
Batch B270887 - SW-846 3005A										
Blank (B270887-BLK1)				Prepared: 11/13/20 Analyzed: 11/15/20						
Antimony	ND	1.0	µg/L							
Arsenic	ND	0.80	µg/L							
Barium	ND	10	µg/L							
Beryllium	ND	0.40	µg/L							
Cadmium	ND	0.20	µg/L							
Chromium	ND	1.0	µg/L							
Copper	ND	1.0	µg/L							
Lead	ND	0.50	µg/L							
Nickel	ND	5.0	µg/L							
Selenium	ND	5.0	µg/L							
Silver	ND	0.20	µg/L							
Thallium	ND	0.20	µg/L							
Vanadium	ND	5.0	µg/L							
Zinc	ND	10	µg/L							
LCS (B270887-BS1)				Prepared: 11/13/20 Analyzed: 11/15/20						
Antimony	505	10	µg/L	500		101	80-120			
Arsenic	506	8.0	µg/L	500		101	80-120			
Barium	489	100	µg/L	500		97.8	80-120			
Beryllium	509	4.0	µg/L	500		102	80-120			
Cadmium	497	2.0	µg/L	500		99.3	80-120			
Chromium	505	10	µg/L	500		101	80-120			
Copper	989	10	µg/L	1000		98.9	80-120			
Lead	486	5.0	µg/L	500		97.2	80-120			
Nickel	496	50	µg/L	500		99.2	80-120			
Selenium	499	50	µg/L	500		99.8	80-120			
Silver	470	2.0	µg/L	500		94.0	80-120			
Thallium	467	2.0	µg/L	500		93.4	80-120			
Vanadium	515	50	µg/L	500		103	80-120			
Zinc	1010	100	µg/L	1000		101	80-120			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B270887 - SW-846 3005A										
LCS Dup (B270887-BSD1)				Prepared: 11/13/20 Analyzed: 11/15/20						
Antimony	508	10	µg/L	500		102	80-120	0.417	20	
Arsenic	506	8.0	µg/L	500		101	80-120	0.0523	20	
Barium	498	100	µg/L	500		99.6	80-120	1.88	20	
Beryllium	514	4.0	µg/L	500		103	80-120	1.02	20	
Cadmium	501	2.0	µg/L	500		100	80-120	0.835	20	
Chromium	512	10	µg/L	500		102	80-120	1.32	20	
Copper	1000	10	µg/L	1000		100	80-120	1.16	20	
Lead	492	5.0	µg/L	500		98.5	80-120	1.25	20	
Nickel	505	50	µg/L	500		101	80-120	1.87	20	
Selenium	504	50	µg/L	500		101	80-120	0.998	20	
Silver	473	2.0	µg/L	500		94.6	80-120	0.571	20	
Thallium	473	2.0	µg/L	500		94.6	80-120	1.24	20	
Vanadium	517	50	µg/L	500		103	80-120	0.266	20	
Zinc	1010	100	µg/L	1000		101	80-120	0.192	20	
Matrix Spike (B270887-MS1)	**Source: 20K0616-01**			Prepared: 11/13/20 Analyzed: 11/15/20						
Antimony	501	10	µg/L	500	ND	100	75-125			
Arsenic	505	8.0	µg/L	500	ND	101	75-125			
Barium	687	100	µg/L	500	201	97.1	75-125			
Beryllium	497	4.0	µg/L	500	ND	99.5	75-125			
Cadmium	491	2.0	µg/L	500	ND	98.2	75-125			
Chromium	485	10	µg/L	500	ND	96.9	75-125			
Copper	946	10	µg/L	1000	ND	94.6	75-125			
Lead	485	5.0	µg/L	500	ND	97.1	75-125			
Nickel	474	50	µg/L	500	ND	94.8	75-125			
Selenium	496	50	µg/L	500	ND	99.2	75-125			
Silver	416	2.0	µg/L	500	ND	83.2	75-125			
Thallium	461	2.0	µg/L	500	ND	92.2	75-125			
Vanadium	494	50	µg/L	500	ND	98.7	75-125			
Zinc	1120	100	µg/L	1000	118	100	75-125			
Matrix Spike Dup (B270887-MSD1)	**Source: 20K0616-01**			Prepared: 11/13/20 Analyzed: 11/15/20						
Antimony	509	10	µg/L	500	ND	102	75-125	1.53	20	
Arsenic	513	8.0	µg/L	500	ND	103	75-125	1.53	20	
Barium	707	100	µg/L	500	201	101	75-125	2.90	20	
Beryllium	513	4.0	µg/L	500	ND	103	75-125	3.10	20	
Cadmium	502	2.0	µg/L	500	ND	100	75-125	2.20	20	
Chromium	504	10	µg/L	500	ND	101	75-125	3.87	20	
Copper	972	10	µg/L	1000	ND	97.2	75-125	2.70	20	
Lead	488	5.0	µg/L	500	ND	97.5	75-125	0.439	20	
Nickel	490	50	µg/L	500	ND	97.9	75-125	3.29	20	
Selenium	506	50	µg/L	500	ND	101	75-125	1.95	20	
Silver	430	2.0	µg/L	500	ND	86.1	75-125	3.40	20	
Thallium	470	2.0	µg/L	500	ND	93.9	75-125	1.84	20	
Vanadium	534	50	µg/L	500	ND	107	75-125	7.80	20	
Zinc	1140	100	µg/L	1000	118	102	75-125	1.47	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-15	Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-03	Elevated reporting limit based on lowest point in calibration. Requested reporting limit not met.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
MADEP EPH rev 2.1 in Water	
C9-C18 Aliphatics	CT,NC,ME,NH-P
C19-C36 Aliphatics	CT,NC,ME,NH-P
Unadjusted C11-C22 Aromatics	CT,NC,ME,NH-P
C11-C22 Aromatics	CT,NC,ME,NH-P
Acenaphthene	CT,NC,ME,NH-P
Acenaphthylene	CT,NC,ME,NH-P
Anthracene	CT,NC,ME,NH-P
Benzo(a)anthracene	CT,NC,ME,NH-P
Benzo(a)pyrene	CT,NC,ME,NH-P
Benzo(b)fluoranthene	CT,NC,ME,NH-P
Benzo(g,h,i)perylene	CT,NC,ME,NH-P
Benzo(k)fluoranthene	CT,NC,ME,NH-P
Chrysene	CT,NC,ME,NH-P
Dibenz(a,h)anthracene	CT,NC,ME,NH-P
Fluoranthene	CT,NC,ME,NH-P
Fluorene	CT,NC,ME
Indeno(1,2,3-cd)pyrene	CT,NC,ME,NH-P
2-Methylnaphthalene	CT,NC
Naphthalene	CT,NC,ME,NH-P
Phenanthrene	CT,NC,ME,NH-P
Pyrene	CT,NC,ME,NH-P
SW-846 6020B in Water	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,RI,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8260C-D in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NY
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromoethane (EDB)	NY
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	NH,NY,ME
o-Xylene	NH,NY,ME
SW-846 8270D-E in Water	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Aniline	CT,NY
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY
1,3-Dichlorobenzene	NY
1,4-Dichlorobenzene	NY
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D-E in Water	
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4,5-Tetrachlorobenzene	NY
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2021

20L0616

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 1 of 1

Company Name: Apex Companies LLC
Address: 50 H Connecticut Ave, South Windsor
Phone: 860-282-8200
Project Name: Eversource Energy - Wethersfield
Project Location: 176 Cumberland Ave, Wethersfield
Project Number: 605L-015A
Project Manager: Danny Kusk
Con-Test Quote Name/Number:
Invoice Recipient: Apex Companies
Sampled By: M. Lacy / J. STANLEWICZ

Requested Turnaround Time: Rush Emails
1-Day [ ] 10-Day [ ]
RUSH 10-Day (std) [ ] Due Date: 5DAY

Rush Approval Required
1-Day [ ] 3-Day [ ]
2-Day [ ] 4-Day [ ]

Dissolved Metals Samples
Field Filtered
Lab to Filter

Orthophosphate Samples
Field Filtered
Lab to Filter

Data Delivery
Format: PDF EXCEL
Other:
CLP Like Data Pkg Required:
Email To: dkusk@apexcos.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	H VOCs 8260	I SVOCs (SIMs for PAHs)	H EPH	N Total RSR metals + Mercury	N Dissolved CT RSR metals								
1	AP 1SR-BR MS/MSD	11/12/20	9:35	Grab	GW	U	9	12	6			X	X	X	X									
2	TB20201112	11/12/20	8:00	—	O	C	3					X												
3	AP-13R-BR	11/12/20	1:25	Grab	GW	U	3	4	2			X	X	X	X									
4	AP-3R	↓		G	GW	U	3	4	2			✓	✓	✓	✓									
5	AP-4R	↓		G	GW	U	3	4	2			✓	✓	✓	✓									
6	Dup	↓	—	G	GW	U	3	4	2			✓	✓	✓	✓									

Relinquished by: (signature) — Date/Time: 11/12/20 1510
Received by: (signature) — Date/Time: 11/12/20 1510
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:

Client Comments: Hold dissolved CT RSR metals

Detection Limit Requirements
MA
CT RSR3 GA Surf, Rec and 3/4 VC
Other:

Special Requirements
MA MCP Required
MCP Certification Form Required
CT RCP Required
RCP Certification Form Required
MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government [ ] Municipality [ ] MWRA [ ] WRTA [ ]
Federal [ ] 21 J [ ] School [ ]
City [ ] Brownfield [ ] MBTA [ ]

Other
[ ] Chromatogram
[ ] AIHA-LAP,LLC

PCB ONLY
[ ] Soxhlet
[ ] Non Soxhlet

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con Test values your partnership on each project and will try to assist with missing information, but will not b held accountable.

[2] Preservation Code

Courier Delivery
Total Number Of:
VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define) Trip Blank

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Apex

Received By _____ Date 11/12/20 Time 1510

How were the samples received? In Cooler 4 No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 3 Actual Temp - 3.8, 5.6

By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? n/a Were Samples Tampered with? n/a

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T

Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? T MS/MSD? T

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? T On COC? T

Do all samples have the proper pH? Acid T Base n/a

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	23	1 Liter Plastic		16 oz Amb.	
HCL-	24	500 mL Amb.		500 mL Plastic	14	8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Apex Companies, LLC - South Windsor, C

Project Location: 176 Cumberland Ave, Wethersfield, CT

Project Number: 20K0616

Laboratory Sample ID(s):

20K0616-01 thru 20K0616-06

Sample Date(s):

11/12/2020

List RCP Methods Used:

MADEP EPH rev 2.1, SW-846 6020B, SW-846 7470A, SW-846 8260C-D, SW-846 8270D-E

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

Lisa A. Worthington

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** Technical Representative

Printed Name: Lisa A. Worthington **Date:** 11/19/20

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

November 24, 2020

Donna L. Kask
Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074

Project Location: Wethersfield, CT
Client Job Number:
Project Number: 6089-015
Laboratory Work Order Number: 20K0617

Enclosed are results of analyses for samples received by the laboratory on November 12, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Raymond J. McCarthy
Project Manager

Table of Contents

Sample Summary 3
Case Narrative 4
Sample Results 6
20K0617-01 6
20K0617-02 11
20K0617-03 17
20K0617-04 23
20K0617-05 29
20K0617-06 35
Sample Preparation Information 41
QC Data 43
Volatile Organic Compounds by GC/MS 43
B270855 43
Semivolatile Organic Compounds by GC/MS 46
B271211 46
B271329 46
Petroleum Hydrocarbons Analyses - EPH 51
B271073 51
Metals Analyses (Total) 53
B270872 53
B270887 53
Flag/Qualifier Summary 55
Certifications 56
Chain of Custody/Sample Receipt 61

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Apex Companies, LLC - South Windsor, CT
58 (H) Connecticut Avenue
South Windsor, CT 06074
ATTN: Donna L. Kask

REPORT DATE: 11/24/2020
PURCHASE ORDER NUMBER:
PROJECT NUMBER: 6089-015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20K0617

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wethersfield, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
AP-12R	20K0617-01	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-101R	20K0617-02	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-2R	20K0617-03	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-1R	20K0617-04	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-6R	20K0617-05	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	
AP-9R	20K0617-06	Ground Water		MADEP EPH rev 2.1	
				SW-846 6020B	
				SW-846 7470A	
				SW-846 8260C-D	
				SW-846 8270D-E	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

Only a select list of PAHs was analyzed and reported in order to achieve lower detection limits than possible with EPH analysis.

SW-846 8260C-D

Qualifications:

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane
B270855-BS1, S054504-CCV1

Chloromethane
B270855-BS1, S054504-CCV1

SW-846 8270D-E

Qualifications:

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Pyridine
20K0617-02[AP-101R], 20K0617-03[AP-2R], 20K0617-04[AP-1R], 20K0617-05[AP-6R], 20K0617-06[AP-9R], B271329-BLK1, B271329-BS1, B271329-BSD1

RL-03

Elevated reporting limit based on lowest point in calibration.
Requested reporting limit not met.

Analyte & Samples(s) Qualified:

Hexachlorobenzene
20K0617-02[AP-101R], 20K0617-03[AP-2R], 20K0617-04[AP-1R], 20K0617-05[AP-6R], 20K0617-06[AP-9R], B271329-BLK1

Pentachloronitrobenzene
20K0617-02[AP-101R], 20K0617-03[AP-2R], 20K0617-04[AP-1R], 20K0617-05[AP-6R], 20K0617-06[AP-9R], B271329-BLK1

V-34

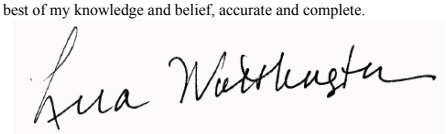
Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

4-Chloroaniline
20K0617-02[AP-101R], 20K0617-03[AP-2R], 20K0617-04[AP-1R], 20K0617-05[AP-6R], 20K0617-06[AP-9R], B271329-BLK1, B271329-BS1, B271329-BSD1, S054792-CCV1

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-12R | Sampled: 11/11/2020 08:05

Sample ID: 20K0617-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-12R | Sampled: 11/11/2020 08:05

Sample ID: 20K0617-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 4:52	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		11/14/20 4:52
Toluene-d8	101	70-130		11/14/20 4:52
4-Bromofluorobenzene	89.9	70-130		11/14/20 4:52

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-12R | Sampled: 11/11/2020 08:05

Sample ID: 20K0617-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:14	RMW
Benzo(a)anthracene (SIM)	0.064	0.049	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:14	RMW
Benzo(a)pyrene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:14	RMW
Benzo(b)fluoranthene (SIM)	0.073	0.049	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:14	RMW
Benzo(g,h,i)perylene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:14	RMW
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:14	RMW
Chrysene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:14	RMW
Dibenz(a,h)anthracene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:14	RMW
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.098	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:14	RMW
Phenanthrene (SIM)	0.80	0.049	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:14	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
o-Terphenyl (OTP)	49.2	30-130				11/19/20 9:14	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-12R | Sampled: 11/11/2020 08:05

Sample ID: 20K0617-01

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	98	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:44	RDD
C19-C36 Aliphatics	120	98	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:44	RDD
Unadjusted C11-C22 Aromatics	ND	98	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:44	RDD
C11-C22 Aromatics	ND	98	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:44	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:44	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:44	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:44	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:44	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:44	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:44	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 19:44	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	66.0	40-140		11/18/20 19:44
o-Terphenyl (OTP)	69.8	40-140		11/18/20 19:44
2-Bromonaphthalene	87.7	40-140		11/18/20 19:44
2-Fluorobiphenyl	90.7	40-140		11/18/20 19:44

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-12R | Sampled: 11/11/2020 08:05

Sample ID: 20K0617-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:39	MJH
Arsenic	4.5	0.80		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:39	MJH
Barium	440	10		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:39	MJH
Beryllium	0.46	0.40		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:39	MJH
Cadmium	1.0	0.20	0.038	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:39	MJH
Chromium	13	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:39	MJH
Copper	30	1.0	0.87	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:39	MJH
Lead	17	0.50		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:16	MJH
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	11/13/20	11/13/20 16:22	AJL
Nickel	11	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:39	MJH
Selenium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:39	MJH
Silver	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:39	MJH
Thallium	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:16	MJH
Vanadium	24	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:39	MJH
Zinc	920	10	2.3	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:39	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-101R | Sampled: 11/11/2020 09:35

Sample ID: 20K0617-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-101R | Sampled: 11/11/2020 09:35

Sample ID: 20K0617-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:18	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		11/14/20 5:18
Toluene-d8	113	70-130		11/14/20 5:18
4-Bromofluorobenzene	97.2	70-130		11/14/20 5:18

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-101R | Sampled: 11/11/2020 09:35

Sample ID: 20K0617-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Acenaphthylene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:42	RMW
Aniline	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Anthracene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Benzo(a)anthracene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Benzo(a)anthracene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:42	RMW
Benzo(a)pyrene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Benzo(a)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:42	RMW
Benzo(b)fluoranthene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Benzo(b)fluoranthene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:42	RMW
Benzo(g,h,i)perylene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:42	RMW
Benzo(k)fluoranthene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:42	RMW
Bis(2-chloroethoxy)methane	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Bis(2-chloroethyl)ether	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Bis(2-chloroisopropyl)ether	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
4-Bromophenylphenylether	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Butylbenzylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Carbazole	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
4-Chloroaniline	ND	11	µg/L	1	V-34	SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
4-Chloro-3-methylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
2-Chloronaphthalene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
2-Chlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
4-Chlorophenylphenylether	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Chrysene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Chrysene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:42	RMW
Dibenz(a,h)anthracene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:42	RMW
Dibenzofuran	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Di-n-butylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
3,3-Dichlorobenzidine	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
2,4-Dichlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Diethylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
2,4-Dimethylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Dimethylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
4,6-Dinitro-2-methylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
2,4-Dinitrophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
2,4-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
2,6-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Di-n-octylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Fluoranthene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-101R | Sampled: 11/11/2020 09:35

Sample ID: 20K0617-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Hexachlorobenzene	ND	2.2	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Hexachlorobutadiene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Hexachlorocyclopentadiene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Hexachloroethane	ND	2.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Indeno(1,2,3-cd)pyrene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:42	RMW
Isophorone	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
2-Methylnaphthalene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
2-Methylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
3/4-Methylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Naphthalene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
2-Nitroaniline	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
3-Nitroaniline	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
4-Nitroaniline	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Nitrobenzene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
2-Nitrophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
4-Nitrophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
N-Nitrosodi-n-propylamine	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Pentachloronitrobenzene	ND	5.5	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Pentachlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Phenanthrene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Phenanthrene (SIM)	ND	0.049	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 9:42	RMW
Phenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Pyrene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
Pyridine	ND	5.5	µg/L	1	R-05	SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
1,2,4,5-Tetrachlorobenzene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
1,2,4-Trichlorobenzene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
2,4,5-Trichlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR
2,4,6-Trichlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:26	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	37.8	15-110		11/24/20 12:26
Phenol-d6	26.6	15-110		11/24/20 12:26
Nitrobenzene-d5	78.4	30-130		11/24/20 12:26
2-Fluorobiphenyl	88.5	30-130		11/24/20 12:26
2,4,6-Tribromophenol	100	15-110		11/24/20 12:26
p-Terphenyl-d14	98.8	30-130		11/24/20 12:26
o-Terphenyl (OTP)	53.1	30-130		11/19/20 9:42

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-101R | Sampled: 11/11/2020 09:35

Sample ID: 20K0617-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	99	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:03	RDD
C19-C36 Aliphatics	ND	99	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:03	RDD
Unadjusted C11-C22 Aromatics	ND	99	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:03	RDD
C11-C22 Aromatics	ND	99	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:03	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:03	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:03	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:03	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:03	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:03	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:03	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:03	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	67.9	40-140		11/18/20 20:03
o-Terphenyl (OTP)	67.1	40-140		11/18/20 20:03
2-Bromonaphthalene	98.9	40-140		11/18/20 20:03
2-Fluorobiphenyl	104	40-140		11/18/20 20:03

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-101R | Sampled: 11/11/2020 09:35

Sample ID: 20K0617-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:42	MJH
Arsenic	1.6	0.80		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:42	MJH
Barium	94	10		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:42	MJH
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:42	MJH
Cadmium	ND	0.20	0.038	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:42	MJH
Chromium	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:42	MJH
Copper	7.1	1.0	0.87	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:42	MJH
Lead	ND	0.50		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:18	MJH
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	11/13/20	11/13/20 16:24	AJL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:42	MJH
Selenium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:42	MJH
Silver	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:42	MJH
Thallium	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:18	MJH
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:42	MJH
Zinc	3.5	10	2.3	µg/L	1	J	SW-846 6020B	11/13/20	11/15/20 18:42	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-2R | Sampled: 11/11/2020 11:05

Sample ID: 20K0617-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-2R | Sampled: 11/11/2020 11:05

Sample ID: 20K0617-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 5:45	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	107	70-130		11/14/20 5:45
Toluene-d8	104	70-130		11/14/20 5:45
4-Bromofluorobenzene	98.3	70-130		11/14/20 5:45

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-2R | Sampled: 11/11/2020 11:05

Sample ID: 20K0617-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Acenaphthylene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Acenaphthylene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:11	RMW
Aniline	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Anthracene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Benzo(a)anthracene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Benzo(a)anthracene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:11	RMW
Benzo(a)pyrene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Benzo(a)pyrene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:11	RMW
Benzo(b)fluoranthene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Benzo(b)fluoranthene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:11	RMW
Benzo(g,h,i)perylene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:11	RMW
Benzo(k)fluoranthene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Benzo(k)fluoranthene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:11	RMW
Bis(2-chloroethoxy)methane	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Bis(2-chloroethyl)ether	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Bis(2-chloroisopropyl)ether	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
4-Bromophenylphenylether	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Butylbenzylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Carbazole	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
4-Chloroaniline	ND	11	µg/L	1	V-34	SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
4-Chloro-3-methylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
2-Chloronaphthalene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
2-Chlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
4-Chlorophenylphenylether	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Chrysene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Chrysene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:11	RMW
Dibenz(a,h)anthracene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:11	RMW
Dibenzofuran	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Di-n-butylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
3,3-Dichlorobenzidine	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
2,4-Dichlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Diethylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
2,4-Dimethylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Dimethylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
4,6-Dinitro-2-methylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
2,4-Dinitrophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
2,4-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
2,6-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Di-n-octylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Fluoranthene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-2R | Sampled: 11/11/2020 11:05

Sample ID: 20K0617-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Hexachlorobenzene	ND	2.2	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Hexachlorobutadiene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Hexachlorocyclopentadiene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Hexachloroethane	ND	2.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Indeno(1,2,3-cd)pyrene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.096	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:11	RMW
Isophorone	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
2-Methylnaphthalene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
2-Methylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
3/4-Methylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Naphthalene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
2-Nitroaniline	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
3-Nitroaniline	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
4-Nitroaniline	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Nitrobenzene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
2-Nitrophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
4-Nitrophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
N-Nitrosodi-n-propylamine	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Pentachloronitrobenzene	ND	5.4	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Pentachlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Phenanthrene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Phenanthrene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:11	RMW
Phenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Pyrene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
Pyridine	ND	5.4	µg/L	1	R-05	SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
1,2,4,5-Tetrachlorobenzene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
1,2,4-Trichlorobenzene	ND	5.4	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
2,4,5-Trichlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR
2,4,6-Trichlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 12:47	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
2-Fluorophenol	35.4	15-110		11/24/20 12:47	
Phenol-d6	24.5	15-110		11/24/20 12:47	
Nitrobenzene-d5	70.6	30-130		11/24/20 12:47	
2-Fluorobiphenyl	80.7	30-130		11/24/20 12:47	
2,4,6-Tribromophenol	104	15-110		11/24/20 12:47	
p-Terphenyl-d14	102	30-130		11/24/20 12:47	
o-Terphenyl (OTP)	51.9	30-130		11/19/20 10:11	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-2R | Sampled: 11/11/2020 11:05

Sample ID: 20K0617-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	96	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:22	RDD
C19-C36 Aliphatics	ND	96	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:22	RDD
Unadjusted C11-C22 Aromatics	ND	96	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:22	RDD
C11-C22 Aromatics	ND	96	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:22	RDD
Acenaphthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:22	RDD
Anthracene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:22	RDD
Fluoranthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:22	RDD
Fluorene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:22	RDD
2-Methylnaphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:22	RDD
Naphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:22	RDD
Pyrene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:22	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	67.4	40-140		11/18/20 20:22
o-Terphenyl (OTP)	70.7	40-140		11/18/20 20:22
2-Bromonaphthalene	96.1	40-140		11/18/20 20:22
2-Fluorobiphenyl	103	40-140		11/18/20 20:22

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-2R | Sampled: 11/11/2020 11:05

Sample ID: 20K0617-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:45	MJH
Arsenic	1.2	0.80		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:45	MJH
Barium	93	10		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:45	MJH
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:45	MJH
Cadmium	ND	0.20	0.038	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:45	MJH
Chromium	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:45	MJH
Copper	9.1	1.0	0.87	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:45	MJH
Lead	ND	0.50		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:21	MJH
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	11/13/20	11/13/20 16:26	AJL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:45	MJH
Selenium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:45	MJH
Silver	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:45	MJH
Thallium	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:21	MJH
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:45	MJH
Zinc	150	10	2.3	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:45	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-1R | Sampled: 11/11/2020 12:15

Sample ID: 20K0617-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-1R | Sampled: 11/11/2020 12:15

Sample ID: 20K0617-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:11	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		11/14/20 6:11
Toluene-d8	99.6	70-130		11/14/20 6:11
4-Bromofluorobenzene	97.2	70-130		11/14/20 6:11

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-1R | Sampled: 11/11/2020 12:15

Sample ID: 20K0617-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Acenaphthylene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:38	RMW
Aniline	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Anthracene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Benzo(a)anthracene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:38	RMW
Benzo(a)pyrene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:38	RMW
Benzo(b)fluoranthene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:38	RMW
Benzo(g,h,i)perylene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:38	RMW
Benzo(k)fluoranthene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:38	RMW
Bis(2-chloroethoxy)methane	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Bis(2-chloroethyl)ether	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Bis(2-chloroisopropyl)ether	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
4-Bromophenylphenylether	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Butylbenzylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Carbazole	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
4-Chloroaniline	ND	11	µg/L	1	V-34	SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
4-Chloro-3-methylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
2-Chloronaphthalene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
2-Chlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
4-Chlorophenylphenylether	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Chrysene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:38	RMW
Dibenz(a,h)anthracene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:38	RMW
Dibenzofuran	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Di-n-butylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
3,3-Dichlorobenzidine	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
2,4-Dichlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Diethylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
2,4-Dimethylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Dimethylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
4,6-Dinitro-2-methylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
2,4-Dinitrophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
2,4-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
2,6-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Di-n-octylphthalate	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Fluoranthene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-1R | Sampled: 11/11/2020 12:15

Sample ID: 20K0617-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Hexachlorobenzene	ND	2.2	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Hexachlorobutadiene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Hexachlorocyclopentadiene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Hexachloroethane	ND	2.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Indeno(1,2,3-cd)pyrene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:38	RMW
Isophorone	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
2-Methylnaphthalene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
2-Methylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
3/4-Methylphenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Naphthalene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
2-Nitroaniline	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
3-Nitroaniline	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
4-Nitroaniline	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Nitrobenzene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
2-Nitrophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
4-Nitrophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
N-Nitrosodi-n-propylamine	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Pentachloronitrobenzene	ND	5.5	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Pentachlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Phenanthrene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 10:38	RMW
Phenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Pyrene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
Pyridine	ND	5.5	µg/L	1	R-05	SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
1,2,4,5-Tetrachlorobenzene	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
1,2,4-Trichlorobenzene	ND	5.5	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
2,4,5-Trichlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR
2,4,6-Trichlorophenol	ND	11	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:10	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	41.9	15-110		11/24/20 13:10
Phenol-d6	27.8	15-110		11/24/20 13:10
Nitrobenzene-d5	83.7	30-130		11/24/20 13:10
2-Fluorobiphenyl	89.9	30-130		11/24/20 13:10
2,4,6-Tribromophenol	103	15-110		11/24/20 13:10
p-Terphenyl-d14	102	30-130		11/24/20 13:10
o-Terphenyl (OTP)	50.0	30-130		11/19/20 10:38

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-1R | Sampled: 11/11/2020 12:15

Sample ID: 20K0617-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:41	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:41	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:41	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:41	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:41	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:41	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:41	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:41	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:41	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:41	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 20:41	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	63.5	40-140		11/18/20 20:41
o-Terphenyl (OTP)	63.8	40-140		11/18/20 20:41
2-Bromonaphthalene	97.7	40-140		11/18/20 20:41
2-Fluorobiphenyl	105	40-140		11/18/20 20:41

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-1R | Sampled: 11/11/2020 12:15

Sample ID: 20K0617-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:48	MJH
Arsenic	ND	0.80		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:48	MJH
Barium	64	10		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:48	MJH
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:48	MJH
Cadmium	ND	0.20	0.038	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:48	MJH
Chromium	1.3	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:48	MJH
Copper	4.4	1.0	0.87	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:48	MJH
Lead	ND	0.50		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:23	MJH
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	11/13/20	11/13/20 16:27	AJL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:48	MJH
Selenium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:48	MJH
Silver	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:48	MJH
Thallium	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:23	MJH
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:48	MJH
Zinc	2.5	10	2.3	µg/L	1	J	SW-846 6020B	11/13/20	11/15/20 18:48	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-6R | Sampled: 11/11/2020 09:00

Sample ID: 20K0617-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-6R | Sampled: 11/11/2020 09:00

Sample ID: 20K0617-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 6:37	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		11/14/20 6:37
Toluene-d8	105	70-130		11/14/20 6:37
4-Bromofluorobenzene	97.0	70-130		11/14/20 6:37

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-6R | Sampled: 11/11/2020 09:00

Sample ID: 20K0617-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Acenaphthylene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Acenaphthylene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 11:04	RMW
Aniline	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Benzo(a)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Benzo(a)anthracene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 11:04	RMW
Benzo(a)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Benzo(a)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 11:04	RMW
Benzo(b)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Benzo(b)fluoranthene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 11:04	RMW
Benzo(g,h,i)perylene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 11:04	RMW
Benzo(k)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Benzo(k)fluoranthene (SIM)	ND	0.19	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 11:04	RMW
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Chrysene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Chrysene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 11:04	RMW
Dibenz(a,h)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 11:04	RMW
Dibenzofuran	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-6R | Sampled: 11/11/2020 09:00

Sample ID: 20K0617-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Hexachlorobenzene	ND	2.1	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Hexachloroethane	ND	2.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Indeno(1,2,3-cd)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.097	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 11:04	RMW
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
2-Methylnaphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Naphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Pentachloronitrobenzene	ND	5.2	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Phenanthrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Phenanthrene (SIM)	ND	0.048	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 11:04	RMW
Phenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
Pyridine	ND	5.2	µg/L	1	R-05	SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
1,2,4-Trichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:32	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
2-Fluorophenol	34.9	15-110		11/24/20	13:32
Phenol-d6	23.1	15-110		11/24/20	13:32
Nitrobenzene-d5	73.6	30-130		11/24/20	13:32
2-Fluorobiphenyl	82.9	30-130		11/24/20	13:32
2,4,6-Tribromophenol	97.6	15-110		11/24/20	13:32
p-Terphenyl-d14	93.8	30-130		11/24/20	13:32
o-Terphenyl (OTP)	54.4	30-130		11/19/20	11:04

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-6R | Sampled: 11/11/2020 09:00

Sample ID: 20K0617-05

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	97	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:00	RDD
C19-C36 Aliphatics	ND	97	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:00	RDD
Unadjusted C11-C22 Aromatics	ND	97	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:00	RDD
C11-C22 Aromatics	ND	97	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:00	RDD
Acenaphthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:00	RDD
Anthracene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:00	RDD
Fluoranthene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:00	RDD
Fluorene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:00	RDD
2-Methylnaphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:00	RDD
Naphthalene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:00	RDD
Pyrene	ND	1.9	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:00	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	72.0	40-140		11/18/20 21:00
o-Terphenyl (OTP)	75.2	40-140		11/18/20 21:00
2-Bromonaphthalene	93.4	40-140		11/18/20 21:00
2-Fluorobiphenyl	104	40-140		11/18/20 21:00

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-6R | Sampled: 11/11/2020 09:00

Sample ID: 20K0617-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:51	MJH
Arsenic	2.1	0.80		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:51	MJH
Barium	120	10		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:51	MJH
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:51	MJH
Cadmium	ND	0.20	0.038	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:51	MJH
Chromium	1.8	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:51	MJH
Copper	3.6	1.0	0.87	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:51	MJH
Lead	ND	0.50		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:35	MJH
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	11/13/20	11/13/20 16:29	AJL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:51	MJH
Selenium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:51	MJH
Silver	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:51	MJH
Thallium	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:35	MJH
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:51	MJH
Zinc	ND	10	2.3	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:51	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-9R | Sampled: 11/11/2020 13:00

Sample ID: 20K0617-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-9R | Sampled: 11/11/2020 13:00

Sample ID: 20K0617-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	11/13/20	11/14/20 7:03	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	105	70-130		11/14/20 7:03
Toluene-d8	102	70-130		11/14/20 7:03
4-Bromofluorobenzene	99.6	70-130		11/14/20 7:03

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-9R | Sampled: 11/11/2020 13:00

Sample ID: 20K0617-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Acenaphthylene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 13:23	RMW
Aniline	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Benzo(a)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 13:23	RMW
Benzo(a)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Benzo(a)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 13:23	RMW
Benzo(b)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 13:23	RMW
Benzo(g,h,i)perylene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 13:23	RMW
Benzo(k)fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 13:23	RMW
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Bis(2-Ethylhexyl)phthalate	ND	2.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Carbazole	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Chrysene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Chrysene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 13:23	RMW
Dibenz(a,h)anthracene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 13:23	RMW
Dibenzofuran	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Fluoranthene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-9R | Sampled: 11/11/2020 13:00

Sample ID: 20K0617-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Hexachlorobenzene	ND	2.1	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Hexachloroethane	ND	2.1	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Indeno(1,2,3-cd)pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 13:23	RMW
Isophorone	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
2-Methylnaphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Naphthalene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Nitrobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Pentachloronitrobenzene	ND	5.2	µg/L	1	RL-03	SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Phenanthrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270D-E	11/17/20	11/19/20 13:23	RMW
Phenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Pyrene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
Pyridine	ND	5.2	µg/L	1	R-05	SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
1,2,4-Trichlorobenzene	ND	5.2	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D-E	11/19/20	11/24/20 13:54	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	33.4	15-110		11/24/20 13:54
Phenol-d6	22.8	15-110		11/24/20 13:54
Nitrobenzene-d5	70.6	30-130		11/24/20 13:54
2-Fluorobiphenyl	79.9	30-130		11/24/20 13:54
2,4,6-Tribromophenol	98.2	15-110		11/24/20 13:54
p-Terphenyl-d14	95.0	30-130		11/24/20 13:54
o-Terphenyl (OTP)	54.3	30-130		11/19/20 13:23

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT | Sample Description: | Work Order: 20K0617

Date Received: 11/12/2020

Field Sample #: AP-9R | Sampled: 11/11/2020 13:00

Sample ID: 20K0617-06

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:19	RDD
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:19	RDD
Unadjusted C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:19	RDD
C11-C22 Aromatics	ND	100	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:19	RDD
Acenaphthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:19	RDD
Anthracene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:19	RDD
Fluoranthene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:19	RDD
Fluorene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:19	RDD
2-Methylnaphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:19	RDD
Naphthalene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:19	RDD
Pyrene	ND	2.0	µg/L	1		MADEP EPH rev 2.1	11/17/20	11/18/20 21:19	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Chlorooctadecane (COD)	68.8	40-140		11/18/20 21:19
o-Terphenyl (OTP)	69.5	40-140		11/18/20 21:19
2-Bromonaphthalene	96.5	40-140		11/18/20 21:19
2-Fluorobiphenyl	102	40-140		11/18/20 21:19

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Wethersfield, CT
Sample Description:
Work Order: 20K0617
Date Received: 11/12/2020
Field Sample #: AP-9R
Sampled: 11/11/2020 13:00
Sample ID: 20K0617-06
Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:53	MJH
Arsenic	ND	0.80		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:53	MJH
Barium	110	10		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:53	MJH
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:53	MJH
Cadmium	0.43	0.20	0.038	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:53	MJH
Chromium	ND	1.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:53	MJH
Copper	2.9	1.0	0.87	µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:53	MJH
Lead	ND	0.50		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:38	MJH
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	11/13/20	11/13/20 16:31	AJL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:53	MJH
Selenium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:53	MJH
Silver	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:53	MJH
Thallium	ND	0.20		µg/L	1		SW-846 6020B	11/13/20	11/16/20 12:38	MJH
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	11/13/20	11/15/20 18:53	MJH
Zinc	2.8	10	2.3	µg/L	1	J	SW-846 6020B	11/13/20	11/15/20 18:53	MJH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3510C **Analytical Method: MADEP EPH rev 2.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20K0617-01 [AP-12R]	B271073	510	1.00	11/17/20
20K0617-02 [AP-101R]	B271073	1020	2.00	11/17/20
20K0617-03 [AP-2R]	B271073	940	1.80	11/17/20
20K0617-04 [AP-1R]	B271073	1000	2.00	11/17/20
20K0617-05 [AP-6R]	B271073	980	1.90	11/17/20
20K0617-06 [AP-9R]	B271073	1000	2.00	11/17/20

Prep Method: SW-846 3005A **Analytical Method: SW-846 6020B**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20K0617-01 [AP-12R]	B270887	50.0	50.0	11/13/20
20K0617-02 [AP-101R]	B270887	50.0	50.0	11/13/20
20K0617-03 [AP-2R]	B270887	50.0	50.0	11/13/20
20K0617-04 [AP-1R]	B270887	50.0	50.0	11/13/20
20K0617-05 [AP-6R]	B270887	50.0	50.0	11/13/20
20K0617-06 [AP-9R]	B270887	50.0	50.0	11/13/20

Prep Method: SW-846 7470A Prep **Analytical Method: SW-846 7470A**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20K0617-01 [AP-12R]	B270872	6.00	6.00	11/13/20
20K0617-02 [AP-101R]	B270872	6.00	6.00	11/13/20
20K0617-03 [AP-2R]	B270872	6.00	6.00	11/13/20
20K0617-04 [AP-1R]	B270872	6.00	6.00	11/13/20
20K0617-05 [AP-6R]	B270872	6.00	6.00	11/13/20
20K0617-06 [AP-9R]	B270872	6.00	6.00	11/13/20

Prep Method: SW-846 5030B **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20K0617-01 [AP-12R]	B270855	5	5.00	11/13/20
20K0617-02 [AP-101R]	B270855	5	5.00	11/13/20
20K0617-03 [AP-2R]	B270855	5	5.00	11/13/20
20K0617-04 [AP-1R]	B270855	5	5.00	11/13/20
20K0617-05 [AP-6R]	B270855	5	5.00	11/13/20
20K0617-06 [AP-9R]	B270855	5	5.00	11/13/20

Prep Method: SW-846 3510C **Analytical Method: SW-846 8270D-E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20K0617-01 [AP-12R]	B271211	510	0.500	11/17/20
20K0617-02 [AP-101R]	B271211	1020	1.00	11/17/20
20K0617-03 [AP-2R]	B271211	940	0.900	11/17/20
20K0617-04 [AP-1R]	B271211	1000	1.00	11/17/20
20K0617-05 [AP-6R]	B271211	980	0.950	11/17/20
20K0617-06 [AP-9R]	B271211	1000	1.00	11/17/20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3510C **Analytical Method: SW-846 8270D-E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20K0617-02 [AP-101R]	B271329	910	1.00	11/19/20
20K0617-03 [AP-2R]	B271329	920	1.00	11/19/20
20K0617-04 [AP-1R]	B271329	910	1.00	11/19/20
20K0617-05 [AP-6R]	B271329	960	1.00	11/19/20
20K0617-06 [AP-9R]	B271329	970	1.00	11/19/20

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B270855 - SW-846 5030B										
Blank (B270855-BLK1)				Prepared: 11/13/20 Analyzed: 11/14/20						
Acetone	ND	10	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	0.50	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	5.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	0.60	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	0.50	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	5.0	µg/L							
Isopropylbenzene (Cumene)	ND	0.50	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B270855 - SW-846 5030B										
Blank (B270855-BLK1)				Prepared: 11/13/20 Analyzed: 11/14/20						
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	1.0	µg/L							
1,2,4-Trichlorobenzene	ND	0.50	µg/L							
1,1,1-Trichloroethane	ND	0.50	µg/L							
1,1,2-Trichloroethane	ND	0.50	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	0.50	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L							
1,2,4-Trimethylbenzene	ND	0.50	µg/L							
1,3,5-Trimethylbenzene	ND	0.50	µg/L							
Vinyl Chloride	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*26.2*		µg/L	25.0		105	70-130			
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.2	70-130			
LCS (B270855-BS1)				Prepared: 11/13/20 Analyzed: 11/14/20						
Acetone	90.3	10	µg/L	100		90.3	40-160			
Acrylonitrile	8.89	2.0	µg/L	10.0		88.9	70-130			
Benzene	10.6	0.50	µg/L	10.0		106	70-130			
Bromobenzene	10.3	0.50	µg/L	10.0		103	70-130			
Bromodichloromethane	10.5	0.50	µg/L	10.0		105	70-130			
Bromoform	9.02	0.50	µg/L	10.0		90.2	70-130			
Bromomethane	12.2	2.0	µg/L	10.0		122	40-160			V-20
2-Butanone (MEK)	94.1	5.0	µg/L	100		94.1	40-160			
n-Butylbenzene	9.91	1.0	µg/L	10.0		99.1	70-130			
sec-Butylbenzene	9.92	1.0	µg/L	10.0		99.2	70-130			
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
Carbon Disulfide	98.8	5.0	µg/L	100		98.8	70-130			
Carbon Tetrachloride	10.1	0.50	µg/L	10.0		101	70-130			
Chlorobenzene	9.85	0.50	µg/L	10.0		98.5	70-130			
Chlorodibromomethane	10.2	0.50	µg/L	10.0		102	40-160			
Chloroethane	11.1	0.50	µg/L	10.0		111	70-130			
Chloroform	10.7	0.50	µg/L	10.0		107	70-130			
Chloromethane	13.8	0.60	µg/L	10.0		138	40-160			V-20
2-Chlorotoluene	9.65	0.50	µg/L	10.0		96.5	70-130			
4-Chlorotoluene	9.62	0.50	µg/L	10.0		96.2	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.90	1.0	µg/L	10.0		89.0	70-130			
1,2-Dibromoethane (EDB)	11.4	0.50	µg/L	10.0		114	70-130			
Dibromomethane	10.5	0.50	µg/L	10.0		105	70-130			
1,2-Dichlorobenzene	10.2	0.50	µg/L	10.0		102	70-130			
1,3-Dichlorobenzene	10.2	0.50	µg/L	10.0		102	70-130			
1,4-Dichlorobenzene	9.57	0.50	µg/L	10.0		95.7	70-130			
trans-1,4-Dichloro-2-butene	8.37	2.0	µg/L	10.0		83.7	70-130			
Dichlorodifluoromethane (Freon 12)	10.5	0.50	µg/L	10.0		105	40-160			
1,1-Dichloroethane	10.3	0.50	µg/L	10.0		103	70-130			
1,2-Dichloroethane	10.4	0.50	µg/L	10.0		104	70-130			
1,1-Dichloroethylene	11.4	0.50	µg/L	10.0		114	70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B270855 - SW-846 5030B										
LCS (B270855-BS1)				Prepared: 11/13/20 Analyzed: 11/14/20						
cis-1,2-Dichloroethylene	10.4	0.50	µg/L	10.0		104	70-130			
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130			
1,2-Dichloropropane	11.3	0.50	µg/L	10.0		113	70-130			
1,3-Dichloropropane	11.3	0.50	µg/L	10.0		113	70-130			
2,2-Dichloropropane	8.61	0.50	µg/L	10.0		86.1	70-130			
1,1-Dichloropropene	11.0	0.50	µg/L	10.0		110	70-130			
cis-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130			
trans-1,3-Dichloropropene	9.75	0.50	µg/L	10.0		97.5	70-130			
Ethylbenzene	9.79	0.50	µg/L	10.0		97.9	70-130			
Hexachlorobutadiene	9.73	0.60	µg/L	10.0		97.3	40-160			
2-Hexanone (MBK)	98.4	5.0	µg/L	100		98.4	70-130			
Isopropylbenzene (Cumene)	9.68	0.50	µg/L	10.0		96.8	70-130			
p-Isopropyltoluene (p-Cymene)	9.71	0.50	µg/L	10.0		97.1	70-130			
Methyl tert-Butyl Ether (MTBE)	9.33	0.50	µg/L	10.0		93.3	70-130			
Methylene Chloride	10.9	5.0	µg/L	10.0		109	70-130			
4-Methyl-2-pentanone (MIBK)	101	5.0	µg/L	100		101	40-160			
Naphthalene	8.94	2.0	µg/L	10.0		89.4	70-130			
n-Propylbenzene	9.86	1.0	µg/L	10.0		98.6	70-130			
Styrene	10.4	1.0	µg/L	10.0		104	70-130			
1,1,1,2-Tetrachloroethane	10.8	0.50	µg/L	10.0		108	70-130			
1,1,2,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110	70-130			
Tetrachloroethylene	10.6	1.0	µg/L	10.0		106	70-130			
Tetrahydrofuran	9.95	10	µg/L	10.0		99.5	70-130			
Toluene	10.6	1.0	µg/L	10.0		106	70-130			
1,2,3-Trichlorobenzene	8.84	1.0	µg/L	10.0		88.4	70-130			
1,2,4-Trichlorobenzene	9.21	0.50	µg/L	10.0		92.1	70-130			
1,1,1-Trichloroethane	10.2	0.50	µg/L	10.0		102	70-130			
1,1,2-Trichloroethane	10.9	0.50	µg/L	10.0		109	70-130			
Trichloroethylene	11.4	1.0	µg/L	10.0		114	70-130			
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.0		107	40-160			
1,2,3-Trichloropropane	9.02	0.50	µg/L	10.0		90.2	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0	0.50	µg/L	10.0		110	70-130			
1,2,4-Trimethylbenzene	10.0	0.50	µg/L	10.0		100	70-130			
1,3,5-Trimethylbenzene	9.65	0.50	µg/L	10.0		96.5	70-130			
Vinyl Chloride	12.2	1.0	µg/L	10.0		122	70-130			
m+p Xylene	20.3	2.0	µg/L	20.0		102	70-130			
o-Xylene	10.1	1.0	µg/L	10.0		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	*26.6*		µg/L	25.0		106	70-130			
Surrogate: Toluene-d8	*26.3*		µg/L	25.0		105	70-130			
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.6	70-130			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B271211 - SW-846 3510C										
Blank (B271211-BLK1)				Prepared: 11/17/20 Analyzed: 11/19/20						
Acenaphthylene (SIM)	ND	0.20	µg/L							
Benzo(a)anthracene (SIM)	ND	0.050	µg/L							
Benzo(a)pyrene (SIM)	ND	0.10	µg/L							
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L							
Benzo(g,h,i)perylene (SIM)	ND	0.10	µg/L							
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L							
Chrysene (SIM)	ND	0.10	µg/L							
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L							
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L							
Phenanthrene (SIM)	ND	0.050	µg/L							
Surrogate: o-Terphenyl (OTP)	*59.1*		µg/L	100		59.1	30-130			
LCS (B271211-BS1)				Prepared: 11/17/20 Analyzed: 11/19/20						
Acenaphthylene (SIM)	64.6	8.0	µg/L	100		64.6	40-140			
Benzo(a)anthracene (SIM)	71.3	2.0	µg/L	100		71.3	40-140			
Benzo(a)pyrene (SIM)	73.1	4.0	µg/L	100		73.1	40-140			
Benzo(b)fluoranthene (SIM)	84.3	2.0	µg/L	100		84.3	40-140			
Benzo(g,h,i)perylene (SIM)	59.5	4.0	µg/L	100		59.5	40-140			
Benzo(k)fluoranthene (SIM)	64.8	8.0	µg/L	100		64.8	40-140			
Chrysene (SIM)	73.4	4.0	µg/L	100		73.4	40-140			
Dibenz(a,h)anthracene (SIM)	63.2	4.0	µg/L	100		63.2	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	62.4	4.0	µg/L	100		62.4	40-140			
Phenanthrene (SIM)	72.8	2.0	µg/L	100		72.8	40-140			
Surrogate: o-Terphenyl (OTP)	*71.6*		µg/L	100		71.6	30-130			
LCS Dup (B271211-BSD1)				Prepared: 11/17/20 Analyzed: 11/19/20						
Acenaphthylene (SIM)	59.1	8.0	µg/L	100		59.1	40-140	8.93	20	
Benzo(a)anthracene (SIM)	65.8	2.0	µg/L	100		65.8	40-140	8.11	20	
Benzo(a)pyrene (SIM)	67.2	4.0	µg/L	100		67.2	40-140	8.32	20	
Benzo(b)fluoranthene (SIM)	77.4	2.0	µg/L	100		77.4	40-140	8.51	20	
Benzo(g,h,i)perylene (SIM)	58.1	4.0	µg/L	100		58.1	40-140	2.31	20	
Benzo(k)fluoranthene (SIM)	60.1	8.0	µg/L	100		60.1	40-140	7.43	20	
Chrysene (SIM)	69.9	4.0	µg/L	100		69.9	40-140	4.86	20	
Dibenz(a,h)anthracene (SIM)	63.6	4.0	µg/L	100		63.6	40-140	0.631	20	
Indeno(1,2,3-cd)pyrene (SIM)	60.2	4.0	µg/L	100		60.2	40-140	3.52	20	
Phenanthrene (SIM)	67.0	2.0	µg/L	100		67.0	40-140	8.24	20	
Surrogate: o-Terphenyl (OTP)	*66.0*		µg/L	100		66.0	30-130			
Batch B271329 - SW-846 3510C										
Blank (B271329-BLK1)				Prepared: 11/19/20 Analyzed: 11/24/20						
Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Aniline	ND	5.0	µg/L							
Anthracene	ND	5.0	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B271329 - SW-846 3510C										
Blank (B271329-BLK1)				Prepared: 11/19/20 Analyzed: 11/24/20						
Bis(2-Ethylhexyl)phthalate	ND	2.0	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							V-34
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobenzene	ND	2.0	µg/L							RL-03
Hexachlorobutadiene	ND	10	µg/L							
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	2.0	µg/L							
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							
2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							
4-Nitrophenol	ND	10	µg/L							
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L							
N-Nitrosodi-n-propylamine	ND	10	µg/L							
Pentachloronitrobenzene	ND	5.0	µg/L							RL-03
Pentachlorophenol	ND	10	µg/L							
Phenanthrene	ND	5.0	µg/L							
Phenol	ND	10	µg/L							
Pyrene	ND	5.0	µg/L							
Pyridine	ND	5.0	µg/L							R-05
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L							
1,2,4-Trichlorobenzene	ND	5.0	µg/L							
2,4,5-Trichlorophenol	ND	10	µg/L							

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B271329 - SW-846 3510C											
Blank (B271329-BLK1)				Prepared: 11/19/20 Analyzed: 11/24/20							
2,4,6-Trichlorophenol	ND	10	µg/L								
Surrogate: 2-Fluorophenol	*97.1*		µg/L	200		48.6	15-110				
Surrogate: Phenol-d6	*65.8*		µg/L	200		32.9	15-110				
Surrogate: Nitrobenzene-d5	*77.4*		µg/L	100		77.4	30-130				
Surrogate: 2-Fluorobiphenyl	*82.1*		µg/L	100		82.1	30-130				
Surrogate: 2,4,6-Tribromophenol	*198*		µg/L	200		99.1	15-110				
Surrogate: p-Terphenyl-d14	*99.8*		µg/L	100		99.8	30-130				
LCS (B271329-BS1)				Prepared: 11/19/20 Analyzed: 11/24/20							
Acenaphthene	41.2	5.0	µg/L	50.0		82.5	40-140				
Acenaphthylene	39.7	5.0	µg/L	50.0		79.4	40-140				
Aniline	39.4	5.0	µg/L	50.0		78.8	40-140				†
Anthracene	42.5	5.0	µg/L	50.0		84.9	40-140				
Benzo(a)anthracene	41.3	5.0	µg/L	50.0		82.6	40-140				
Benzo(a)pyrene	40.5	5.0	µg/L	50.0		80.9	40-140				
Benzo(b)fluoranthene	40.7	5.0	µg/L	50.0		81.3	40-140				
Benzo(g,h,i)perylene	50.5	5.0	µg/L	50.0		101	40-140				
Benzo(k)fluoranthene	40.4	5.0	µg/L	50.0		80.8	40-140				
Bis(2-chloroethoxy)methane	37.9	10	µg/L	50.0		75.8	40-140				
Bis(2-chloroethyl)ether	35.9	10	µg/L	50.0		71.7	40-140				
Bis(2-chloroisopropyl)ether	38.9	10	µg/L	50.0		77.8	40-140				
Bis(2-Ethylhexyl)phthalate	42.4	10	µg/L	50.0		84.7	40-140				
4-Bromophenylphenylether	39.2	10	µg/L	50.0		78.5	40-140				
Butylbenzylphthalate	41.8	10	µg/L	50.0		83.7	40-140				
Carbazole	41.7	10	µg/L	50.0		83.5	40-140				
4-Chloroaniline	38.0	10	µg/L	50.0		76.0	40-140			V-34	†
4-Chloro-3-methylphenol	39.6	10	µg/L	50.0		79.3	30-130				
2-Chloronaphthalene	33.6	10	µg/L	50.0		67.3	40-140				
2-Chlorophenol	35.8	10	µg/L	50.0		71.6	30-130				
4-Chlorophenylphenylether	39.3	10	µg/L	50.0		78.5	40-140				
Chrysene	42.4	5.0	µg/L	50.0		84.8	40-140				
Dibenz(a,h)anthracene	47.8	5.0	µg/L	50.0		95.5	40-140				
Dibenzofuran	41.0	5.0	µg/L	50.0		81.9	40-140				
Di-n-butylphthalate	40.4	10	µg/L	50.0		80.8	40-140				
3,3-Dichlorobenzidine	45.6	10	µg/L	100		45.6	40-140				†
2,4-Dichlorophenol	39.1	10	µg/L	50.0		78.3	30-130				
Diethylphthalate	40.1	10	µg/L	50.0		80.2	40-140				
2,4-Dimethylphenol	37.1	10	µg/L	50.0		74.3	30-130				
Dimethylphthalate	39.5	10	µg/L	50.0		79.0	40-140				
4,6-Dinitro-2-methylphenol	42.9	10	µg/L	50.0		85.9	30-130				
2,4-Dinitrophenol	40.6	10	µg/L	50.0		81.2	30-130				
2,4-Dinitrotoluene	44.4	10	µg/L	50.0		88.8	40-140				
2,6-Dinitrotoluene	44.4	10	µg/L	50.0		88.8	40-140				
Di-n-octylphthalate	41.0	10	µg/L	50.0		81.9	40-140				
Fluoranthene	42.1	5.0	µg/L	50.0		84.2	40-140				
Fluorene	41.3	5.0	µg/L	50.0		82.5	40-140				
Hexachlorobenzene	41.2	10	µg/L	50.0		82.4	40-140				
Hexachlorobutadiene	35.4	10	µg/L	50.0		70.9	40-140				
Hexachlorocyclopentadiene	34.4	10	µg/L	50.0		68.9	30-140				
Hexachloroethane	33.3	10	µg/L	50.0		66.6	40-140				
Indeno(1,2,3-cd)pyrene	49.9	5.0	µg/L	50.0		99.8	40-140				
Isophorone	41.2	10	µg/L	50.0		82.3	40-140				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B271329 - SW-846 3510C											
LCS (B271329-BS1)				Prepared: 11/19/20 Analyzed: 11/24/20							
2-Methylnaphthalene	41.3	5.0	µg/L	50.0		82.6	40-140				
2-Methylphenol	35.9	10	µg/L	50.0		71.8	30-130				
3/4-Methylphenol	32.5	10	µg/L	50.0		65.1	30-130				
Naphthalene	36.9	5.0	µg/L	50.0		73.7	40-140				
2-Nitroaniline	47.7	10	µg/L	50.0		95.3	40-140				
3-Nitroaniline	43.4	10	µg/L	50.0		86.8	40-140				†
4-Nitroaniline	43.8	10	µg/L	50.0		87.6	40-140				
Nitrobenzene	36.7	10	µg/L	50.0		73.5	40-140				
2-Nitrophenol	42.1	10	µg/L	50.0		84.3	30-130				
4-Nitrophenol	22.5	10	µg/L	50.0		45.1	10-130				
N-Nitrosodiphenylamine/Diphenylamine	40.8	10	µg/L	50.0		81.7	40-140				
N-Nitrosodi-n-propylamine	37.7	10	µg/L	50.0		75.3	40-140				
Pentachloronitrobenzene	44.3	10	µg/L	50.0		88.6	40-140				
Pentachlorophenol	37.7	10	µg/L	50.0		75.4	30-130				
Phenanthrene	41.8	5.0	µg/L	50.0		83.5	40-140				
Phenol	16.8	10	µg/L	50.0		33.7	20-130				
Pyrene	40.9	5.0	µg/L	50.0		81.9	40-140				
Pyridine	16.6	5.0	µg/L	50.0		33.1	10-140			R-05	†
1,2,4,5-Tetrachlorobenzene	38.7	10	µg/L	50.0		77.3	40-140				
1,2,4-Trichlorobenzene	36.2	5.0	µg/L	50.0		72.4	40-140				
2,4,5-Trichlorophenol	43.7	10	µg/L	50.0		87.4	30-130				
2,4,6-Trichlorophenol	43.4	10	µg/L	50.0		86.8	30-130				
Surrogate: 2-Fluorophenol	*100*		µg/L	200		50.1	15-110				
Surrogate: Phenol-d6	*69.4*		µg/L	200		34.7	15-110				
Surrogate: Nitrobenzene-d5	*80.0*		µg/L	100		80.0	30-130				
Surrogate: 2-Fluorobiphenyl	*82.1*		µg/L	100		82.1	30-130				
Surrogate: 2,4,6-Tribromophenol	*189*		µg/L	200		94.6	15-110				
Surrogate: p-Terphenyl-d14	*90.2*		µg/L	100		90.2	30-130				
LCS Dup (B271329-BSD1)				Prepared: 11/19/20 Analyzed: 11/24/20							
Acenaphthene	42.5	5.0	µg/L	50.0		85.0	40-140	3.01	20		
Acenaphthylene	41.1	5.0	µg/L	50.0		82.1	40-140	3.37	20		
Aniline	37.1	5.0	µg/L	50.0		74.2	40-140	5.91	50		† ‡
Anthracene	43.4	5.0	µg/L	50.0		86.7	40-140	2.10	20		
Benzo(a)anthracene	42.4	5.0	µg/L	50.0		84.7	40-140	2.56	20		
Benzo(a)pyrene	41.4	5.0	µg/L	50.0		82.9	40-140	2.34	20		
Benzo(b)fluoranthene	41.4	5.0	µg/L	50.0		82.9	40-140	1.92	20		
Benzo(g,h,i)perylene	51.4	5.0	µg/L	50.0		103	40-140	1.61	20		
Benzo(k)fluoranthene	41.9	5.0	µg/L	50.0		83.7	40-140	3.57	20		
Bis(2-chloroethoxy)methane	40.8	10	µg/L	50.0		81.7	40-140	7.44	20		
Bis(2-chloroethyl)ether	38.7	10	µg/L	50.0		77.4	40-140	7.64	20		
Bis(2-chloroisopropyl)ether	42.5	10	µg/L	50.0		85.0	40-140	8.87	20		
Bis(2-Ethylhexyl)phthalate	42.5	10	µg/L	50.0		85.0	40-140	0.377	20		
4-Bromophenylphenylether	40.2	10	µg/L	50.0		80.5	40-140	2.52	20		
Butylbenzylphthalate	43.4	10	µg/L	50.0		86.9	40-140	3.73	20		
Carbazole	42.3	10	µg/L	50.0		84.5	40-140	1.26	20		
4-Chloroaniline	42.3	10	µg/L	50.0		84.7	40-140	10.8	20	V-34	†
4-Chloro-3-methylphenol	43.0	10	µg/L	50.0		86.0	30-130	8.11	20		
2-Chloronaphthalene	35.5	10	µg/L	50.0		70.9	40-140	5.30	20		
2-Chlorophenol	38.5	10	µg/L	50.0		77.0	30-130	7.29	20		
4-Chlorophenylphenylether	41.4	10	µg/L	50.0		82.7	40-140	5.21	20		
Chrysene	43.2	5.0	µg/L	50.0		86.3	40-140	1.82	20		

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes	
Batch B271329 - SW-846 3510C												
LCS Dup (B271329-BSD1)				Prepared: 11/19/20 Analyzed: 11/24/20								
Dibenz(a,h)anthracene	48.6	5.0	µg/L	50.0		97.2	40-140	1.78		20		
Dibenzofuran	42.2	5.0	µg/L	50.0		84.5	40-140	3.05		20		
Di-n-butylphthalate	41.4	10	µg/L	50.0		82.9	40-140	2.59		20		
3,3-Dichlorobenzidine	47.3	10	µg/L	100		47.3	40-140	3.60		20		† ‡
2,4-Dichlorophenol	42.4	10	µg/L	50.0		84.8	30-130	7.97		20		
Diethylphthalate	42.3	10	µg/L	50.0		84.6	40-140	5.34		20		
2,4-Dimethylphenol	39.9	10	µg/L	50.0		79.8	30-130	7.14		20		
Dimethylphthalate	41.5	10	µg/L	50.0		83.0	40-140	4.89		50		
4,6-Dinitro-2-methylphenol	44.3	10	µg/L	50.0		88.7	30-130	3.21		50		
2,4-Dinitrophenol	46.3	10	µg/L	50.0		92.6	30-130	13.2		50		
2,4-Dinitrotoluene	46.0	10	µg/L	50.0		92.0	40-140	3.52		20		
2,6-Dinitrotoluene	45.5	10	µg/L	50.0		91.0	40-140	2.42		20		
Di-n-octylphthalate	40.8	10	µg/L	50.0		81.5	40-140	0.489		20		
Fluoranthene	43.1	5.0	µg/L	50.0		86.2	40-140	2.37		20		
Fluorene	42.9	5.0	µg/L	50.0		85.8	40-140	3.85		20		
Hexachlorobenzene	42.7	10	µg/L	50.0		85.5	40-140	3.69		20		
Hexachlorobutadiene	37.0	10	µg/L	50.0		74.0	40-140	4.31		20		
Hexachlorocyclopentadiene	35.9	10	µg/L	50.0		71.8	30-140	4.09		50		
Hexachloroethane	35.6	10	µg/L	50.0		71.2	40-140	6.65		50		
Indeno(1,2,3-cd)pyrene	50.0	5.0	µg/L	50.0		100	40-140	0.220		50		
Isophorone	43.9	10	µg/L	50.0		87.8	40-140	6.42		20		
2-Methylnaphthalene	44.0	5.0	µg/L	50.0		88.0	40-140	6.33		20		
2-Methylphenol	37.6	10	µg/L	50.0		75.2	30-130	4.54		20		
3/4-Methylphenol	35.8	10	µg/L	50.0		71.6	30-130	9.57		20		
Naphthalene	39.1	5.0	µg/L	50.0		78.2	40-140	5.90		20		
2-Nitroaniline	49.4	10	µg/L	50.0		98.9	40-140	3.67		20		
3-Nitroaniline	46.6	10	µg/L	50.0		93.2	40-140	7.04		20		†
4-Nitroaniline	45.1	10	µg/L	50.0		90.2	40-140	2.92		20		
Nitrobenzene	39.1	10	µg/L	50.0		78.3	40-140	6.33		20		
2-Nitrophenol	45.4	10	µg/L	50.0		90.7	30-130	7.36		20		
4-Nitrophenol	24.7	10	µg/L	50.0		49.4	10-130	9.27		50		‡
N-Nitrosodiphenylamine/Diphenylamine	41.8	10	µg/L	50.0		83.6	40-140	2.37		20		
N-Nitrosodi-n-propylamine	41.0	10	µg/L	50.0		82.0	40-140	8.49		20		
Pentachloronitrobenzene	45.8	10	µg/L	50.0		91.6	40-140	3.33		20		
Pentachlorophenol	41.9	10	µg/L	50.0		83.9	30-130	10.7		50		
Phenanthrene	42.6	5.0	µg/L	50.0		85.1	40-140	1.90		20		
Phenol	18.3	10	µg/L	50.0		36.6	20-130	8.20		20		
Pyrene	42.7	5.0	µg/L	50.0		85.3	40-140	4.11		20		
Pyridine	8.58	5.0	µg/L	50.0		17.2	10-140	**63.4**	*	50	R-05	†
1,2,4,5-Tetrachlorobenzene	39.3	10	µg/L	50.0		78.6	40-140	1.62		20		
1,2,4-Trichlorobenzene	37.7	5.0	µg/L	50.0		75.4	40-140	4.11		20		
2,4,5-Trichlorophenol	44.6	10	µg/L	50.0		89.2	30-130	2.02		20		
2,4,6-Trichlorophenol	45.1	10	µg/L	50.0		90.2	30-130	3.82		50		
Surrogate: 2-Fluorophenol	*109*		µg/L	200		54.4	15-110					
Surrogate: Phenol-d6	*76.7*		µg/L	200		38.3	15-110					
Surrogate: Nitrobenzene-d5	*84.8*		µg/L	100		84.8	30-130					
Surrogate: 2-Fluorobiphenyl	*85.6*		µg/L	100		85.6	30-130					
Surrogate: 2,4,6-Tribromophenol	*199*		µg/L	200		99.4	15-110					
Surrogate: p-Terphenyl-d14	*94.9*		µg/L	100		94.9	30-130					

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B271073 - SW-846 3510C										
Blank (B271073-BLK1)				Prepared: 11/17/20 Analyzed: 11/18/20						
C9-C18 Aliphatics	ND	100	µg/L							
C19-C36 Aliphatics	ND	100	µg/L							
Unadjusted C11-C22 Aromatics	ND	100	µg/L							
C11-C22 Aromatics	ND	100	µg/L							
Acenaphthene	ND	2.0	µg/L							
Anthracene	ND	2.0	µg/L							
Fluoranthene	ND	2.0	µg/L							
Fluorene	ND	2.0	µg/L							
2-Methylnaphthalene	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
Pyrene	ND	2.0	µg/L							
Naphthalene-aliphatic fraction	ND	2.0	µg/L							
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L							
Surrogate: Chlorooctadecane (COD)	*81.2*		µg/L	100		81.2	40-140			
Surrogate: o-Terphenyl (OTP)	*78.2*		µg/L	100		78.2	40-140			
Surrogate: 2-Bromonaphthalene	*92.9*		µg/L	100		92.9	40-140			
Surrogate: 2-Fluorobiphenyl	*97.4*		µg/L	100		97.4	40-140			
LCS (B271073-BS1)				Prepared: 11/17/20 Analyzed: 11/18/20						
C9-C18 Aliphatics	452	100	µg/L	600		75.4	0-200			
C19-C36 Aliphatics	780	100	µg/L	800		97.4	0-200			
Unadjusted C11-C22 Aromatics	1470	100	µg/L	1700		86.3	0-200			
Acenaphthene	82.4	2.0	µg/L	100		82.4	40-140			
Anthracene	82.3	2.0	µg/L	100		82.3	40-140			
Fluoranthene	82.0	2.0	µg/L	100		82.0	40-140			
Fluorene	83.4	2.0	µg/L	100		83.4	40-140			
2-Methylnaphthalene	71.0	2.0	µg/L	100		71.0	40-140			
Naphthalene	64.5	2.0	µg/L	100		64.5	40-140			
Pyrene	83.3	2.0	µg/L	100		83.3	40-140			
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*80.9*		µg/L	100		80.9	40-140			
Surrogate: o-Terphenyl (OTP)	*77.0*		µg/L	100		77.0	40-140			
Surrogate: 2-Bromonaphthalene	*89.4*		µg/L	100		89.4	40-140			
Surrogate: 2-Fluorobiphenyl	*102*		µg/L	100		102	40-140			
LCS Dup (B271073-BSD1)				Prepared: 11/17/20 Analyzed: 11/18/20						
C9-C18 Aliphatics	425	100	µg/L	600		70.9	0-200	6.08		
C19-C36 Aliphatics	754	100	µg/L	800		94.2	0-200	3.39		
Unadjusted C11-C22 Aromatics	1430	100	µg/L	1700		84.4	0-200	2.24		
Acenaphthene	79.6	2.0	µg/L	100		79.6	40-140	3.49	25	
Anthracene	81.4	2.0	µg/L	100		81.4	40-140	1.10	25	
Fluoranthene	80.9	2.0	µg/L	100		80.9	40-140	1.40	25	
Fluorene	81.3	2.0	µg/L	100		81.3	40-140	2.56	25	
2-Methylnaphthalene	66.8	2.0	µg/L	100		66.8	40-140	6.05	25	
Naphthalene	59.8	2.0	µg/L	100		59.8	40-140	7.55	25	
Pyrene	82.2	2.0	µg/L	100		82.2	40-140	1.30	25	
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	*76.2*		µg/L	100		76.2	40-140			
Surrogate: o-Terphenyl (OTP)	*74.9*		µg/L	100		74.9	40-140			
Surrogate: 2-Bromonaphthalene	*87.2*		µg/L	100		87.2	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B271073 - SW-846 3510C										
LCS Dup (B271073-BSD1)				Prepared: 11/17/20 Analyzed: 11/18/20						
Surrogate: 2-Fluorobiphenyl	*100*		µg/L	100		100	40-140			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B270872 - SW-846 7470A Prep										
Blank (B270872-BLK1)				Prepared & Analyzed: 11/13/20						
Mercury	ND	0.00010	mg/L							
LCS (B270872-BS1)				Prepared & Analyzed: 11/13/20						
Mercury	0.00410	0.00010	mg/L	0.00400		103	80-120			
LCS Dup (B270872-BSD1)				Prepared & Analyzed: 11/13/20						
Mercury	0.00407	0.00010	mg/L	0.00400		102	80-120	0.879	20	
Batch B270887 - SW-846 3005A										
Blank (B270887-BLK1)				Prepared: 11/13/20 Analyzed: 11/15/20						
Antimony	ND	1.0	µg/L							
Arsenic	ND	0.80	µg/L							
Barium	ND	10	µg/L							
Beryllium	ND	0.40	µg/L							
Cadmium	ND	0.20	µg/L							
Chromium	ND	1.0	µg/L							
Copper	ND	1.0	µg/L							
Lead	ND	0.50	µg/L							
Nickel	ND	5.0	µg/L							
Selenium	ND	5.0	µg/L							
Silver	ND	0.20	µg/L							
Thallium	ND	0.20	µg/L							
Vanadium	ND	5.0	µg/L							
Zinc	ND	10	µg/L							
LCS (B270887-BS1)				Prepared: 11/13/20 Analyzed: 11/15/20						
Antimony	505	10	µg/L	500		101	80-120			
Arsenic	506	8.0	µg/L	500		101	80-120			
Barium	489	100	µg/L	500		97.8	80-120			
Beryllium	509	4.0	µg/L	500		102	80-120			
Cadmium	497	2.0	µg/L	500		99.3	80-120			
Chromium	505	10	µg/L	500		101	80-120			
Copper	989	10	µg/L	1000		98.9	80-120			
Lead	486	5.0	µg/L	500		97.2	80-120			
Nickel	496	50	µg/L	500		99.2	80-120			
Selenium	499	50	µg/L	500		99.8	80-120			
Silver	470	2.0	µg/L	500		94.0	80-120			
Thallium	467	2.0	µg/L	500		93.4	80-120			
Vanadium	515	50	µg/L	500		103	80-120			
Zinc	1010	100	µg/L	1000		101	80-120			

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B270887 - SW-846 3005A										
LCS Dup (B270887-BSD1)				Prepared: 11/13/20 Analyzed: 11/15/20						
Antimony	508	10	µg/L	500		102	80-120	0.417	20	
Arsenic	506	8.0	µg/L	500		101	80-120	0.0523	20	
Barium	498	100	µg/L	500		99.6	80-120	1.88	20	
Beryllium	514	4.0	µg/L	500		103	80-120	1.02	20	
Cadmium	501	2.0	µg/L	500		100	80-120	0.835	20	
Chromium	512	10	µg/L	500		102	80-120	1.32	20	
Copper	1000	10	µg/L	1000		100	80-120	1.16	20	
Lead	492	5.0	µg/L	500		98.5	80-120	1.25	20	
Nickel	505	50	µg/L	500		101	80-120	1.87	20	
Selenium	504	50	µg/L	500		101	80-120	0.998	20	
Silver	473	2.0	µg/L	500		94.6	80-120	0.571	20	
Thallium	473	2.0	µg/L	500		94.6	80-120	1.24	20	
Vanadium	517	50	µg/L	500		103	80-120	0.266	20	
Zinc	1010	100	µg/L	1000		101	80-120	0.192	20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-03	Elevated reporting limit based on lowest point in calibration. Requested reporting limit not met.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
MADEP EPH rev 2.1 in Water	
C9-C18 Aliphatics	CT,NC,ME,NH-P
C19-C36 Aliphatics	CT,NC,ME,NH-P
Unadjusted C11-C22 Aromatics	CT,NC,ME,NH-P
C11-C22 Aromatics	CT,NC,ME,NH-P
Acenaphthene	CT,NC,ME,NH-P
Acenaphthylene	CT,NC,ME,NH-P
Anthracene	CT,NC,ME,NH-P
Benzo(a)anthracene	CT,NC,ME,NH-P
Benzo(a)pyrene	CT,NC,ME,NH-P
Benzo(b)fluoranthene	CT,NC,ME,NH-P
Benzo(g,h,i)perylene	CT,NC,ME,NH-P
Benzo(k)fluoranthene	CT,NC,ME,NH-P
Chrysene	CT,NC,ME,NH-P
Dibenz(a,h)anthracene	CT,NC,ME,NH-P
Fluoranthene	CT,NC,ME,NH-P
Fluorene	CT,NC,ME
Indeno(1,2,3-cd)pyrene	CT,NC,ME,NH-P
2-Methylnaphthalene	CT,NC
Naphthalene	CT,NC,ME,NH-P
Phenanthrene	CT,NC,ME,NH-P
Pyrene	CT,NC,ME,NH-P
SW-846 6020B in Water	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,RI,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8260C-D in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NY
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromoethane (EDB)	NY
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	NH,NY,ME
o-Xylene	NH,NY,ME
SW-846 8270D-E in Water	
Acenaphthene	CT,NY,NH
Acenaphthylene	CT,NY,NH
Aniline	CT,NY
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY
1,3-Dichlorobenzene	NY
1,4-Dichlorobenzene	NY
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D-E in Water	
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4,5-Tetrachlorobenzene	NY
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2021

20140617

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 2_06262019

Page 1 of 1

Company Name: Apex
Address: 55H Connecticut Avenue South Windsor, CT
Phone: 860 282-1700
Project Name: Eversource Wethersfield
Project Location: Wethersfield, CT
Project Number: 6089-015A
Project Manager: Donna Kask
Con-Test Quote Name/Number:
Invoice Recipient: Apex
Sampled By: M. Whaley / Ben Wilson

Requested Turnaround Time:
7-Day ☐ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date: 5 DAY

Rush Approval Required:
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Package Options:
Format: PDF ☒ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To: DKASK@APEXCOS.COM
Fax To #:

Report to Include Surrogate Recoveries?
☒ Field Filtered
○ Lab to Filter

Orthophosphate Samples?
○ Field Filtered
○ Lab to Filter

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	N	N	#	I	I+						
1	AP-12R	11/11/20	0805	GRAB	GW	[illegible]	3	2	2			X		X	X	X						
2	AP-101R	11/11/20	0935	GRAB	GW	U	3	4	2			X		X	X	X						
3	AP-2R	11/11/20	1105	GRAB	GW	U	3	4	2			X		X	X	X						
4	AP-1R	11/11/20	1215	GRAB	GW	U	3	4	2			X		X	X	X						
5	AP-6R	11/11/20	9:00	Grab	GW	U	3	4	2			X		X	X	X						
6	AP-9R	11/11/20	1:00	Grab	GW	U	3	4	2			X		X	X	X						

Total CT RSR Metals + Mercury
Dissolved CT RSR Metals
8260
SVOCs (Need Silica)
EPH

Relinquished by: (signature) — Date/Time: 11/12/20 1510
Received by: (signature) — Date/Time: 11/12/20 1510
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:

Client Comments: Hold Dissolved CT RSR Metals
QA/QC - Standard + DQA

Detection Limit Requirements:
MA
CT RSR GW
Suite, RUC + IIC VE
Other
Project #

Special Requirements:
MA MCP Required
MCP Analytical Method Form Required
☒ CT RCP Required
RCP Analytical Method Form Required
MA State Specific Required

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

Preservation Code
Contest Use Only
Total Number Of:
VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Apex

Received By [signature] Date 11/12/20 Time 1510

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____ Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 3 Actual Temp 3.4, 4.6

By Blank # _____ Actual Temp -

Was Custody Seal Intact? n/a Were Samples Tampered with? n/a

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Project T Analysis T ID's T Sampler Name T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T Who was notified? _____

Is there Headspace where applicable? T MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? T On COC? F

Do all samples have the proper pH? Acid T Base n/a

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	22	1 Liter Plastic		16 oz Amb.	
HCL-	21	500 mL Amb.		500 mL Plastic	12	8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

Received trip blanks not listed on COC.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Apex Companies, LLC - South Windsor, C

Project Location: Wethersfield, CT

Project Number: 20K0617

Laboratory Sample ID(s):

20K0617-01 thru 20K0617-06

Sample Date(s):

11/11/2020

List RCP Methods Used:

MADEP EPH rev 2.1, SW-846 6020B, SW-846 7470A, SW-846 8260C-D, SW-846 8270D-E

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☑ Yes ☐ No ☐ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

Lisa A. Worthington

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** Technical Representative

Printed Name: Lisa A. Worthington **Date:** 11/24/20

Name of Laboratory: Con-Test Analytical Laboratory

This certification form is to be used for RCP methods only.